The Sizewell C Project

6.14 Environmental Statement Addendum
Volume 3: Environmental Statement Addendum Appendices
Chapter 2 Main Development Site Appendix 2.13.A
Phase 2 Geo-Environmental Interpretative Report Part 25 of 25

Revision: 2.0
Applicable Regulation: Regulation 5(2)(a)
PINS Reference Number: EN010012

January 2021

Planning Act 2008
Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

Assessment Criteria :	Coastal and Estuarine EQS				
CaCO (mg/l):	0.00	pH	0.00		
Calcium (mg/l):	0.00	DOC (mg/l)	0.00	Catchment area:	Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Jan 2012 Campaign 25	Feb 2012 Campaign 26	Mar 2012 Campaign 27	Apr 2012 Campaign 28	May 2012 Campaign 29	June 2012 Campaign 30	July 2012 Campaign 31	August 2012 Campaign 32	September 2012 Campaign 33	October 2012 Campaign 34	November 2012 Campaign 35	December 2012 Campaign 36	January 2013 Campaign 37	Jan-2010 Campaign 1
									SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	
									300	350	370	370	640	360	340	330	380	380	390	370	390	360
									0.019	0.009	0.009	0.019	0.057	0.006	0.013	0.041	0.028	0.038	0.02455	0.06083	0.03312	0.04391
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.6	7.4	7.2	7.7	7.5	7.7	7.5	7.3	8	7.5	7.8	7.8	7.4	0.05
Temperature	oC		No WSV	592	0.00028	20.3	0		0.0047	0.0036	0.0061	0.0078	0.0111	0.0142	0.0169	0.0135	0.0144	0.0126	0.0087	0.0077	0.0079	0.00043
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		41.5	57.6	49.7	73.7	67.5	44.5	75	26.4	21.9	12.5	29.3	18.1	21.7	0.61
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.8639	1.46	0.67	1.05	0.85	0.7	3.63	1.11	1.55	3.01	1.27	1.32	1.2	0.61
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.6273	0.92	0.62	0.84	0.41	0.7	1.86	0.86	1.14	1.06	0.05	0.54	0.46	0.55
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November- 2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	5.534	0	0	0	0	0	0	0	1	5	8	10	0	1.39
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		0	56	127	19	88	0	0	0	10	10	13	91	97	3.12
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.05273	0.007	0.015	0.008	0.011	0.012	0.014	0.009	0.008	0.009	0.014	0.02	0.011	0.001
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.078	0.094	0.05	0.09	0.052	0.087	0.079	0.093	0.089	0.079	0.085	0.067	0.082	0.00013
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.0109	0.01188	0.0151	0.0067	0.015	0.0079	0.0112	0.0202	0.007	0.0098	0.0089	0.0028	0.0177	0.00066
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0															

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Feb-2010 Campaign 2	Mar-2010 Campaign 3	Apr-2010 Campaign 4	May-2010 Campaign 5	June-2010 Campaign 6	July-2010 Campaign 7	August-2010 Campaign 8	September- 2010 Campaign 9	October-2010 Campaign 10	November- 2010 Campaign 11	December-2010 Campaign 12	January 2011 Campaign 13	February 2011 Campaign 14	March 2011 Campaign 15
									SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4
									350	360	350	420	290	340	370	390	320	460	430	460	295	390
									0.04192	0.05794	0.07459	0.03765	0.046	0.03618	0.01432	0.03788	0.03477	0.02	0.019	0.032	0.028	0.025
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		390	310	430	490	470	530	440	100	540	460	440	450	500	440
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.039	0.02	0.005	0.013	0.068	0.046	0.008	0.042	0.025	0.018	0.023	0.02239	0.03954	0.03765
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	DNS	DNS	DNS	0.23	0.051	0.282	0.02	0.196	0.108	0.035	0.048	0.01541	0.03075	0.1082
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	0	1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS		3E-18	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.0253	0.0282	0.0376	0.0412	0.026	0.02625	0.0399	0.0325	0.0376	0.0111	0.0347	0.03032	0.02845	0.02925
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0				0.00002	0.00002	0.00032	0.00029	0.00024	0.00034	0.00006	0.00017	0.00004	0.00086	0.0001	0.00033
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0	0	0.02	0.02	0.32	0.29	0.24	0.34	0.06	0.17	0.04	0.85	0.1	0.33
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0	0	0.03	0.03	0.41	0.37	0.31	0.44	0.08	0.22	0.05	1.1	0.13	0.42
BOD	mg/l		No WSV	592	0	130	0		5	8	2	0	0	5	5	8	12	9	0	4	0	0
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	50	46	54	43	49	51.5	46	41	60	54	60	53.291	56.772	47.205
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	2	0	0	5.5	0	2	0	0	0	0	0	0
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	0.88	0	0	0.07	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		8	10	42	10	14	78	18	42	38	302	14	140	36	16
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		453	368	519	454	439	557	581	111	418	346	417	455.60078	355.27116	375.83604
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		302	245	346	303	293	371	387	74	279	231	278	304	237	251
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		0	130	0	0	0	0	0	0	0	0	0	0	0	0

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Feb-2010 Campaign 2	Mar-2010 Campaign 3	Apr-2010 Campaign 4	May-2010 Campaign 5	June-2010 Campaign 6	July-2010 Campaign 7	August-2010 Campaign 8	September- 2010 Campaign 9	October-2010 Campaign 10	November- 2010 Campaign 11	December-2010 Campaign 12	January 2011 Campaign 13	February 2011 Campaign 14	March 2011 Campaign 15
									SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4
									350	360	350	420	290	340	370	390	320	460	430	460	295	390
									0.04192	0.05794	0.07459	0.03765	0.046	0.03618	0.01432	0.03788	0.03477	0.02	0.019	0.032	0.028	0.025
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7	6.7	7.3	7.5	7.4	7.3	7.5	6.8	7.3	7.2	7	7.3	7.1	7.49
Temperature	oC		No WSV	592	0.00028	20.3	0		0.00526	0.00711	0.01022	0.01558	0.01346	0.0202	0.01827	0.01735	0.01151	0.0132	0.0026	0.0049	0.0047	0.00529
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		6.2	12.8	25.8	40.4	49.2	77.7	62.3	59.4	48.5	57.2	39.5	42.3	20.8	35.2
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.14	0.27	0.12	0.22	0.21	0.36	0.06	0.83	0.26	0.13	0.39	0.1783	0.1777	1.247
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.09	0.1	0.13	0.15	0.11	0.22	0.04	0.54	0.11	0.08	0.16	0.06991	0.1178	0.5125
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	0	1	1	0	0	0	0	1	3	2	2	1.04	11.48	5.523
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		0	DNS	DNS	0	30	101.5	0	140	51	0	47	0	14.22	20.35
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.017	0.001	0.002					0.003	0.002	0.007	0.005	0.00918	0.03068	0.01114
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	DNS	DNS	DNS	0.058	0.062	0.066	0.063	0.032	0.049	0.055	0.058	0.063422	0.069804	0.057904
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.0056	0.0068	0.0082	0.0109	0.0179	0.01295	0.0046	0.0218	0.0168	0.0075	0.0082	0.0071631	0.0097049	0.01041
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0															

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	April 2011 Campaign 16	May 2011 Campaign 17	June 2011 Campaign 18	Aug 2011 Campaign 19	Aug 2011 Campaign 20	Sep 2011 Campaign 21	Oct 2011 Campaign 22	Nov 2011 Campaign 23	Dec 2011 Campaign 24	Jan 2012 Campaign 25	Feb 2012 Campaign 26	Mar 2012 Campaign 27	Apr 2012 Campaign 28	May 2012 Campaign 29	June 2012 Campaign 30
									SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4
									260	400	360	230	220	370	290	250	358.2	73.5	220	640	246	278	360
									0.068	0.044	0.034	0.064	0.063	0.059	0.053	0.045	0.0367	0.0181	0.006	0.075	0.009	0.013792	0.03618
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		440	440	470	440	320	400	380	440	510	280	570	220	600	160	480
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.03374	0.05006	0.02913	0.3186	0.02461	0.047	0.03852	0.01629	0.03063	0.03309	0.014	0.013	0.035	0.021	0.022
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September- 2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	0.102	0.08098	0.3072	0.3642	0.03876	2.899	0.0956		0.02627	0.1488	0.091	0.444	0.523	0.105	0.084
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.02806	0.02793	0.03367	0.02934	0.0298	0.0242	0.03157	0.02993	0.03417	0.0334	0.0386	0.02475	0.0317	0.0166	0.0295
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.0003		0.00002	0.00008	0.00037			0.00008				0.00041		0.0044	
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.3	0	0.02	0.08	0.37	0	0	0.08	0	0	0	0.41	0	4.35	0
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.38	0	0.03	0.11	0.48	0	0	0.11	0	0	0	0.5	0	5.6	0
BOD	mg/l		No WSV	592	0	130	0		0	4.2	0	8	0	0	0	4.47	14	9	2	11	19	7	0
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	49.889	58.811	51.94	63.296	58.972	51	61.334	50.052	62.013	48.492	58	21	51	26	54
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	2.453	0	0	0	0	0	0	0	0	0	0
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		6	6	110	102	40	82	12	18	0	14	0	34	0	42	20
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		390.8521	348.94556	505.66546	434	469	446	497	449	512	231	570	134	475	170	189
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		261	233	337	289	313	297	331	299	341	154	380	89	317	113	126
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		0	0	0	0	0	0	0	0	0	0	0	36	0	14	38

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	April 2011 Campaign 16	May 2011 Campaign 17	June 2011 Campaign 18	Aug 2011 Campaign 19	Aug 2011 Campaign 20	Sep 2011 Campaign 21	Oct 2011 Campaign 22	Nov 2011 Campaign 23	Dec 2011 Campaign 24	Jan 2012 Campaign 25	Feb 2012 Campaign 26	Mar 2012 Campaign 27	Apr 2012 Campaign 28	May 2012 Campaign 29	June 2012 Campaign 30
									SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4
									260	400	360	230	220	370	290	250	358.2	73.5	220	640	246	278	360
									0.068	0.044	0.034	0.064	0.063	0.059	0.053	0.045	0.0367	0.0181	0.006	0.075	0.009	0.013792	0.03618
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.19	7.78	7	6.9	6.94	6.78	6.54	7.41	6.33	7.4	7.1	7.2	7.1	7.1	7.5
Temperature	oC		No WSV	592	0.00028	20.3	0		0.0112	0.0114	0.02	0.0168	0.0148	0.01464	0.01355	0.01133	0.00866	0.00286	0.0055	0.007	0.0084	0.0141	0.0145
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		83.4	61.1	89	DNS	15.7	29.9	45.7	42.2	105.2	34.7	8.9	57.4	55.5	51.1	39
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.3309	0.1061	0.2245	2.222	0.05962	0.49	0.4654	0.1007	0.1577	0.3913	0.19	0.42	0.19	0.46	0.2
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.16	0	0.0518	0.02465	0.04228	0.23	0.1945	0.0281	0.08153	0.2156	0.06	0.26	0.032	0.05	0.1
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November- 2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	6.622	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		55.43	0	181.1	33.5	20.23	2018	49.49	0	0	46.11	0	81	0	63	0
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.02424	0.01351		0.01029	0.008364		0.03539		0.01259	0.01022		0.017	0.006	0.009	0.011
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.067277	0.078346	0.071151	0.066928	0.051693	0.046	0.055156	0.054944	0.069044	0.021142	0.068	0.011	0.067	0.021	0.067
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.010251	0.0090055	0.0081125	0.017999	0.0124	0.014	0.011583	0.009857	0.0086	0.023527	0.01139	0.0174	0.0067	0.0191	0.0072
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																

Assessment Criteria :	*Coastal and Estuarine EQS*				
CaCO (mg/l):	**0.00**	**pH**	**0.00**		
Calcium (mg/l):	**0.00**	**DOC (mg/l)**	**0.00**	**Catchment area:**	**Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	July 2012 Campaign 31	August 2012 Campaign 32	September 2012 Campaign 33	October 2012 Campaign 34	November 2012 Campaign 35	December 2012 Campaign 36	January 2013 Campaign 37	Jan-2010 Campaign 1	Feb-2010 Campaign 2	Mar-2010 Campaign 3	Apr-2010 Campaign 4	May-2010 Campaign 5	June-2010 Campaign 6	July-2010 Campaign 7
									SW4	SW4	SW4	SW4	SW4	SW4	SW4		SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)
									424	460	510.4	0.21	390	310	430	490	470	530	440	100	540	460
									0.06172	0.06451	0.0700684	0.00049	0.039	0.02	0.005	0.013	0.068	0.046	0.008	0.042	0.025	0.018
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		320	420	360	210	290	650	270	0.31	180	300	110	240	200	Dry
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.055	0.063	0.033	0.066	0.034	0.114	0.08	0.00116	0.013	0.018	0.006	0.029	0.021	Dry
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	0.18	0.083	0.127	0.492	0.129	1.85	0.764	0.00186	DNS	DNS	DNS	10.259	8.064	Dry
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS	DNS	DNS	DNS	2	Dry
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	Dry
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41E-18	DNS	DNS	DNS	DNS	2E-18	Dry
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.0339	0.0256	0.033	0.0317	0.0393	0.0258	0.0379	0.0002	0.06	0.0742	0.1107	0.1569	0.1417	Dry
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00016		0.0002	0.0029	0.0012	0.0004	0.0004	0.00229	0.0004	0.00042	0.00259	0.0018	0.00024	Dry
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0.01	0.01	0	0	2.09	0	0	0.01	0.02	0	Dry
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0.01	0.01	0	0	2.09	0	0	0.01	0.02	0	Dry
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.16	0	0.16	2.88	1.23	0.41	0.41	2.29	0.4	0.42	2.58	1.78	0.24	Dry
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.21	0	0.2	3.7	1.6	0.5	0.5	2.3	0.51	0.54	3.32	2.29	0.31	Dry
BOD	mg/l		No WSV	592	0	130	0		9	13	3	2	2	15	0	1.04	4	2	6	0	5	Dry
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	56	58	63	74	55	31	63	0.24	240	116	382	650	603	Dry
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	5	5	9	6	0	3.58	0	12	2	0	0	Dry
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	5.19	0	0	0	0	0	Dry
Suspended Solids	mg/l		No WSV	592	0	6378	0		14	6	16	22	12	5	34	1.49	14	20	12	30	42	Dry
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		176	157	504	289	369	208	341	0.34	525	349	675	694	753	Dry
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		117	105	336	193	246	138	228	0.34	350	233	450	463	502	Dry
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		12	0	10	107	10	10	0	2.59	0	0	0	0	187	Dry

Assessment Criteria :	*Coastal and Estuarine EQS*

CaCO (mg/l):	**0.00**	**pH**	**0.00**	
Calcium (mg/l):	**0.00**	**DOC (mg/l)**	**0.00**	**Catchment area:** **Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	July 2012 Campaign 31	August 2012 Campaign 32	September 2012 Campaign 33	October 2012 Campaign 34	November 2012 Campaign 35	December 2012 Campaign 36	January 2013 Campaign 37	Jan-2010 Campaign 1	Feb-2010 Campaign 2	Mar-2010 Campaign 3	Apr-2010 Campaign 4	May-2010 Campaign 5	June-2010 Campaign 6	July-2010 Campaign 7
									SW4	SW4	SW4	SW4	SW4	SW4	SW4		SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)
									424	460	510.4	0.21	390	310	430	490	470	530	440	100	540	460
									0.06172	0.06451	0.0700684	0.00049	0.039	0.02	0.005	0.013	0.068	0.046	0.008	0.042	0.025	0.018
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.4	7.4	7.2	6.9	7.7	7.7	7.3	0.05	7.9	6.8	7.1	7.6	7.1	Dry
Temperature	oC		No WSV	592	0.00028	20.3	0		0.0152	0.0129	0.0141	0.0136	0.0075	0.0079	0.0074	0.00043	0.00347	0.00506	0.01085	0.01553	0.0131	Dry
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		51.1	35.3	42.6	48.9	35.9	38.5	34	0.47	38.6	24	68.7	71.4	55.4	Dry
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.7	0.28	0.27	0.73	0.09	1.7	2.05	1.17	0.31	0.23	0.38	0.28	0.84	Dry
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.02	0.05	0.08	0.2	0.02	0.09	0.05	0.97	0.11	0.2	0.27	0.13	0.46	Dry
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November- 2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	0	0	1	5	8	9	0	1.88	0	0	0	0	0	Dry
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		0	0	10	66	19	62	68	3.66	DNS	DNS	DNS	1173	4690	Dry
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.008	0.012	0.007	0.005	0.01	0.015	0.005	0.00098	0.006	0.018	0.001	0.004		Dry
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS		Dry
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS		Dry
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS		Dry
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS		Dry
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.058	0.065	0.065	0.033	0.051	0.014	0.041	0.00032	DNS	DNS	DNS	0.025	0.02	Dry
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.0151	0.0129	0.0081	0.0407	0.0103	0.0151	0.0173	0.00054	0.0265	0.0069	0.0264	0.028	0.0344	Dry
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0															

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	August-2010 Campaign 8	September- 2010 Campaign 9	October-2010 Campaign 10	November- 2010 Campaign 11	December-2010 Campaign 12	January 2011 Campaign 13	February 2011 Campaign 14	March 2011 Campaign 15	April 2011 Campaign 16	May 2011 Campaign 17	June 2011 Campaign 18	Aug 2011 Campaign 19	Aug 2011 Campaign 20
									SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)
									440	450	500	440	440	440	470	440	320	400	380	440	510
									0.023	0.02239	0.03954	0.03765	0.03374	0.05006	0.02913	0.3186	0.02461	0.047	0.03852	0.01629	0.03063
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		Dry	260	220	230	280	No Access	210	360	230	Dry	Dry	Dry	Dry
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	Dry	0.021	0.039	0.026	0.059	No Access	0.05622	0.04285	0.05243	Dry	Dry	Dry	Dry
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	Dry	0.659	0.201	0.182	0.659	No Access	0.116	0.06261	1.692	Dry	Dry	Dry	Dry
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	Dry	DNS	DNS	DNS	DNS	No Access	DNS	DNS	DNS	Dry	Dry	Dry	Dry
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	Dry	DNS	DNS	DNS	DNS	No Access	DNS	DNS	DNS	Dry	Dry	Dry	Dry
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	Dry	DNS	DNS	DNS	DNS	No Access	DNS	DNS	DNS	Dry	Dry	Dry	Dry
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	Dry	0.1019	0.0892	0.1306	0.0966	No Access	0.08794	0.08461	0.09554	Dry	Dry	Dry	Dry
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		Dry	0.00415	0.00042	0.00073	0.0006	No Access	0.00034	0.00033	0.00032	Dry	Dry	Dry	Dry
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		Dry	0.01	0	0	0	No Access	0	0	0	Dry	Dry	Dry	Dry
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		Dry	0.01	0	0.01	0	No Access	0	0	0	Dry	Dry	Dry	Dry
Ammonium as N	mg/l		No WSV	592	0	39.24	0		Dry	4.14	0.42	0.73	0.6	No Access	0.34	0.33	0.32	Dry	Dry	Dry	Dry
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		Dry	5.33	0.54	0.93	0.77	No Access	0.44	0.42	0.41	Dry	Dry	Dry	Dry
BOD	mg/l		No WSV	592	0	130	0		Dry	8	0	4	0	No Access	0	1.8	8.2	Dry	Dry	Dry	Dry
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	Dry	442	441	532	450	No Access	422.658	396.968	467.716	Dry	Dry	Dry	Dry
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	Dry	0	0	0	4	No Access	0	3.513	3.125	Dry	Dry	Dry	Dry
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	Dry	0	0	0	0.12	No Access	0	0	0	Dry	Dry	Dry	Dry
Suspended Solids	mg/l		No WSV	592	0	6378	0		Dry	6078	1754	6378	12	No Access	270	20	430	Dry	Dry	Dry	Dry
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		Dry	598	567	582	628	No Access	540.66954	514.4237	654.69262	Dry	Dry	Dry	Dry
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		Dry	399	378	388	419	No Access	360	343	436	Dry	Dry	Dry	Dry
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		Dry	0	0	0	0	No Access	0	0	0	Dry	Dry	Dry	Dry

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	August-2010 Campaign 8	September- 2010 Campaign 9	October-2010 Campaign 10	November- 2010 Campaign 11	December-2010 Campaign 12	January 2011 Campaign 13	February 2011 Campaign 14	March 2011 Campaign 15	April 2011 Campaign 16	May 2011 Campaign 17	June 2011 Campaign 18	Aug 2011 Campaign 19	Aug 2011 Campaign 20
									SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)
									440	450	500	440	440	440	470	440	320	400	380	440	510
									0.023	0.02239	0.03954	0.03765	0.03374	0.05006	0.02913	0.3186	0.02461	0.047	0.03852	0.01629	0.03063
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	Dry	6.8	7	7.5	7	No Access	7.3	7.4	6.79	Dry	Dry	Dry	Dry
Temperature	oC		No WSV	592	0.00028	20.3	0		Dry	0.01508	0.01493	0.0116	0.0023	No Access	0.0015	0.00473	0.01162	Dry	Dry	Dry	Dry
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		Dry	12.2	30.2	25.3	40.5	No Access	35.1	48.9	3	Dry	Dry	Dry	Dry
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		Dry	0.38	0.23	0.2	0.16	No Access	0.1239	2.351	0.4841	Dry	Dry	Dry	Dry
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		Dry	0.26	0.11	0.1	0.04	No Access	0.04513	0.05396	0.03	Dry	Dry	Dry	Dry
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	Dry	0	3	1	2	No Access	18.77	5.085	0	Dry	Dry	Dry	Dry
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		Dry	528	97	141	437	No Access	89.4	41.14	1296	Dry	Dry	Dry	Dry
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	Dry		0.002	0.005	0.007	No Access	0.03752	0.008778	0.02478	Dry	Dry	Dry	Dry
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	Dry	DNS	DNS	DNS	DNS	No Access	DNS	DNS	DNS	Dry	Dry	Dry	Dry
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	Dry	DNS	DNS	DNS	DNS	No Access	DNS	DNS	DNS	Dry	Dry	Dry	Dry
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	Dry	DNS	DNS	DNS	DNS	No Access	DNS	DNS	DNS	Dry	Dry	Dry	Dry
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	Dry	DNS	DNS	DNS	DNS	No Access	DNS	DNS	DNS	Dry	Dry	Dry	Dry
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	Dry	0.012	0.012	0.012	0.019	No Access	0.017552	0.014007	0.002061	Dry	Dry	Dry	Dry
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		Dry	0.0261	0.0218	0.0157	0.0183	No Access	0.018766	0.016102	0.03317	Dry	Dry	Dry	Dry
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0														

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Sep 2011 Campaign 21	Oct 2011 Campaign 22	Nov 2011 Campaign 23	Dec 2011 Campaign 24	Jan 2012 Campaign 25	Feb 2012 Campaign 26	Mar 2012 Campaign 27	Apr 2012 Campaign 28	May 2012 Campaign 29	June 2012 Campaign 30	July 2012 Campaign 31	August 2012 Campaign 32	September 2012 Campaign 33	October 2012 Campaign 34
									SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)
									280	570	220	600	160	480	320	420	360	210	290	650	270	230
									0.03309	0.014	0.013	0.035	0.021	0.022	0.055	0.063	0.033	0.066	0.034	0.114	0.08	0.059
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		Dry	Dry	Dry	290	200	240	330	600	200	250	130	Dry	Dry	150
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	Dry	Dry	Dry	0.03445	0.03361	0.018	0.01	0.036	0.016	0.16	0.045	Dry	Dry	0.074
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	Dry	Dry	Dry	0.1654	0.9422	0.218	0.24	1.802	0.114	15.98	0.804	Dry	Dry	6.703
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	Dry	Dry	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	Dry	Dry	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	Dry	Dry	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	Dry	Dry	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	Dry	Dry	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	Dry	Dry	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	Dry	Dry	Dry	0.1034	0.1029	0.0821	0.06031	0.0914	0.0482	0.0785	0.0721	Dry	Dry	0.0512
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		Dry	Dry	Dry	0.00165		0.00041	0.00025		0.0002	0.0004	0.00025	Dry	Dry	0.00494
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		Dry	Dry	Dry	0	0	0	0	0	0	0	0	Dry	Dry	0.04
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		Dry	Dry	Dry	0	0	0	0	0	0	0	0	Dry	Dry	0.05
Ammonium as N	mg/l		No WSV	592	0	39.24	0		Dry	Dry	Dry	1.64	0	0.41	0.25	0	0.16	0.41	0.24	Dry	Dry	4.9
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		Dry	Dry	Dry	2.11	0	0.53	0.3	0	0.2	0.5	0.32	Dry	Dry	6.35
BOD	mg/l		No WSV	592	0	130	0		Dry	Dry	Dry	14	69	3	13	5	0	3	7	Dry	Dry	2
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	Dry	Dry	Dry	540.688	510.825	515	340	476	175	395	353	Dry	Dry	283
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	Dry	Dry	Dry	0	0	0	0	0	0	0	0	Dry	Dry	5
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	Dry	Dry	Dry	0	0	0	0	0	0	0	0	Dry	Dry	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		Dry	Dry	Dry	12	12	6	24	0	14	638	144	Dry	Dry	90
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		Dry	Dry	Dry	791	717	582	399	610	352	214	196	Dry	Dry	441
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		Dry	Dry	Dry	527	478	388	266	407	235	143	131	Dry	Dry	294
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		Dry	Dry	Dry	0	0	0	33	16	27	39	157	Dry	Dry	10

Assessment Criteria : Coastal and Estuarine EQS

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Sep 2011 Campaign 21	Oct 2011 Campaign 22	Nov 2011 Campaign 23	Dec 2011 Campaign 24	Jan 2012 Campaign 25	Feb 2012 Campaign 26	Mar 2012 Campaign 27	Apr 2012 Campaign 28	May 2012 Campaign 29	June 2012 Campaign 30	July 2012 Campaign 31	August 2012 Campaign 32	September 2012 Campaign 33	October 2012 Campaign 34
									SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)
									280	570	220	600	160	480	320	420	360	210	290	650	270	230
									0.03309	0.014	0.013	0.035	0.021	0.022	0.055	0.063	0.033	0.066	0.034	0.114	0.08	0.059
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	Dry	Dry	Dry	7.12	7.4	7.6	7	7	7.3	7.4	7.6	Dry	Dry	7.6
Temperature	oC		No WSV	592	0.00028	20.3	0		Dry	Dry	Dry	0.00838	0.00286	0.001	0.0049	0.0071	0.0115	0.0153	0.0176	Dry	Dry	0.0122
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		Dry	Dry	Dry	44.8	34.7	41.1	46.7	7.4	75.5	5.3	34.8	Dry	Dry	11.6
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		Dry	Dry	Dry	0.0805	0.2457	0.19	0.23	0.456	0.41	2.7	1.02	Dry	Dry	4.32
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		Dry	Dry	Dry	0.03646	0.08197	0.04	0.11	0.044	0.17	0.7	0.05	Dry	Dry	0.21
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	Dry	Dry	Dry	0	0	0	0	0	0	0	0	Dry	Dry	5
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		Dry	Dry	Dry	105.8	194.3	99	56	157	64	1919	57	Dry	Dry	68
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	Dry	Dry	Dry	0.0167	0.0101		0.011	0.009	0.01	0.006	0.009	Dry	Dry	0.005
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	Dry	Dry	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	Dry	Dry	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	Dry	Dry	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	Dry	Dry	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	Dry	Dry	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	Dry	Dry	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	Dry	Dry	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	Dry	Dry	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	Dry	Dry	Dry	0.015501	0.014188	0.017	0.012	0.016	0.026		0.007	Dry	Dry	0.011
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		Dry	Dry	Dry	0.0145	0.024361	0.02296	0.0204	0.0202	0.0197	0.027	0.0238	Dry	Dry	0.0217
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0															

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	November 2012 Campaign 35	December 2012 Campaign 36	January 2013 Campaign 37	Jan-2010 Campaign 1	Feb-2010 Campaign 2	Mar-2010 Campaign 3	Apr-2010 Campaign 4	May-2010 Campaign 5	June-2010 Campaign 6	July-2010 Campaign 7	August-2010 Campaign 8	September- 2010 Campaign 9	October-2010 Campaign 10	November- 2010 Campaign 11
									SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)		SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6
									402.4	122.9	100	650	200	226	440	534	576	614	0.31	180	300	110
									0.0443	0.0513	0.005	0.319	0.01178	0.013738	0.03374	0.06672	0.087028	0.170928	0.00116	0.013	0.018	0.006
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		110	450	190	0.45	400	300	510	500	360	Dry	510	200	470	560
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.044	0.045	0.058	0.00075	0.02	0.064	0.011	0.07	0.033	Dry	0.004		0.012	0.053
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	1.673	2.363	3.06	0.00155	DNS	DNS	DNS	42.8	12.47	Dry	17.13	0.324	0.859	0.769
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS		DNS	DNS	DNS	DNS	6	Dry	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	Dry	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0.004	Dry	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.0664	0.0454	0.0555	0.00034	0.0268	0.1195	0.2569	0.2173	0.2075	Dry	0.2239	0.176	0.2364	0.3297
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00412	0.00041	0.00041	0.00138	0.0013	0.0006	0.00581	0.00348	0.00087	Dry	0.00356	0.00069	0.00158	0.00385
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0.03	0	0	1.85	0	0	0	0.01	0.02	Dry	0.07	0	0.01	0.03
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0.04	0	0	1.85	0	0	0.01	0.02	0.03	Dry	0.08	0	0.01	0.03
Ammonium as N	mg/l		No WSV	592	0	39.24	0		4.09	0.41	0.41	1.38	1.3	0.6	5.81	3.47	0.85	Dry	3.49	0.69	1.57	3.82
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		5.29	0.53	0.53	1.38	1.67	0.77	7.46	4.46	1.09	Dry	4.49	0.89	2.02	4.92
BOD	mg/l		No WSV	592	0	130	0		2	18	2	1.87	0	3	25	9	0	Dry	6	6	18	8
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	21	250	147	0.42	453	207	387	422	409	Dry	303	297	379	394
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	11	8	0	1.64	0	1	2	0	0	Dry	0	0	0	0
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	3.39	0	0	0	0	0	Dry	0	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		58	28	34	2.66	18	20	24	744	116	Dry	1378	392	574	2042
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		463	441	304	0.31	588	376	693	505	381	Dry	550	252	481	460
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		309	294	203	0.31	392	251	462	337	254	Dry	367	168	321	307
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		10	10	25	2.51	0	0	620	344	70	Dry	0	0	0	0

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	November 2012 Campaign 35	December 2012 Campaign 36	January 2013 Campaign 37	Jan-2010 Campaign 1	Feb-2010 Campaign 2	Mar-2010 Campaign 3	Apr-2010 Campaign 4	May-2010 Campaign 5	June-2010 Campaign 6	July-2010 Campaign 7	August-2010 Campaign 8	September- 2010 Campaign 9	October-2010 Campaign 10	November- 2010 Campaign 11
									SW5 (Stillwater)	SW5 (Stillwater)	SW5 (Stillwater)		SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6
									402.4	122.9	100	650	200	226	440	534	576	614	0.31	180	300	110
									0.0443	0.0513	0.005	0.319	0.01178	0.013738	0.03374	0.06672	0.087028	0.170928	0.00116	0.013	0.018	0.006
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.7	7.8	7.6	0.05	7	6.9	6.6	7.1	8.1	Dry	7.8	5.5	7.1	7.5
Temperature	oC		No WSV	592	0.00028	20.3	0		0.0076	0.0059	0.007	0.00056	0.00361	0.00671	0.01063	0.01744	0.01291	Dry	0.01668	0.01747	0.01496	0.0122
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		19.5	21.2	21.8	0.58	26	88.6	49	5.4	66.5	Dry	2.3	28.5	25.5	6.7
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.1	0.82	0.76	1.38	0.05	0.2	0.51	0.09	1.68	Dry	0.55	0.05	0.1	0.23
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.02	0.11	0.08	1.12	0	0.03	0.05	0.06	0.4	Dry	0.09	0.03	0.03	0.02
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	9	7	0	2.11	2	0	0	0	0	Dry	0	0	3	1
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		71	284	172	1.93	DNS	DNS	DNS	4264	8535	Dry	3620	238	462	367
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.012	0.012	0.007	0.00089	0.008	0.002		0.002		Dry			0.002	0.004
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS		DNS	DNS	DNS	DNS		Dry	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS		DNS	DNS	DNS	DNS		Dry	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS		DNS	DNS	DNS	DNS		Dry	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS		DNS	DNS	DNS	DNS		Dry	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.321	0.019	0.036	0.00222	DNS	DNS	DNS	0.034		Dry	0.031	0.035	0.03	0.018
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.0304	0.0121	0.0205	0.0003	0.015	0.0094	0.0319	0.0397	0.0371	Dry	0.0195	0.0176	0.022	0.0143
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0															

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0	
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September- 2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0	
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0	
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0	
Ammonium as N	mg/l		No WSV	592	0	39.24	0	
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0	
BOD	mg/l		No WSV	592	0	130	0	
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)
Suspended Solids	mg/l		No WSV	592	0	6378	0	
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0	
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0	
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0	

Constituents	December-2010 Campaign 12	January 2011 Campaign 13	February 2011 Campaign 14	March 2011 Campaign 15	April 2011 Campaign 16	May 2011 Campaign 17	June 2011 Campaign 18
	SW6	SW6	SW6	SW6	SW6	SW6	SW6
	240	200	Dry	Dry	260	220	230
	0.029	0.021	Dry	Dry	0.021	0.039	0.026
Alkalinity	460	490	460	540	420	500	450
Zinc	0.059	0.02233	0.04663	0.01772	0.06188	0.03957	0.03276
Iron	5.086	3.203	23.36	18.05	8.973	11.03	52.91
Nickel	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	0.2653	0.2408	0.2862	0.2454	0.2497	0.2809	0.2207
Total Ammonia as N	0.00214	0.00112	0.00041	0.00124	0.00125	0.02461	0.01575
Un-ionised ammonia as N	0	0	0	0	0	0.08	0.04
Un-ionised ammonia as NH3	0	0	0	0.01	0	0.1	0.04
Ammonium as N	2.14	1.12	0.41	1.23	1.25	24.53	15.71
Ammonium as NH4	2.75	1.44	0.53	1.58	1.6	31.54	20.2
BOD	15	6	4	9	3	44.8	12
Chloride	486	453.039	449.905	380.142	449.459	461.653	398.462
Nitrate	2	0	0	1.558	0	0	0
Nitrite	0	0	0	0	0	0	0
Suspended Solids	18	220	766	32	56	182	124
Total Hardness	596	573.49548	628.9769	608.8593	499.43562	564.82752	441.0237
Hardness~	397	382	419	406	333	377	294
Total Petroleum Hydrocarbons(C8-C35)	0	0	0	861.3368	0	1210.158	3169.93

Constituents	Aug 2011 Campaign 19	Aug 2011 Campaign 20	Sep 2011 Campaign 21	Oct 2011 Campaign 22	Nov 2011 Campaign 23	Dec 2011 Campaign 24	Jan 2012 Campaign 25
	SW6	SW6	SW6	SW6	SW6	SW6	SW6
	280	No Access	210	360	230	Dry	Dry
	0.059	No Access	0.05622	0.04285	0.05243	Dry	Dry
Alkalinity	DNS	360	350	500	DNS	570	450
Zinc	DNS	0.06112	0.067	0.03767	DNS	0.05753	0.02149
Iron	DNS	25.2	28.1	19.09	DNS	41.91	16.55
Nickel	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	DNS	0.01817	0.1485	0.1819	DNS	0.2068	0.2459
Total Ammonia as N	DNS	0.02306	0.0301	0.00824	DNS	0.00041	0.00824
Un-ionised ammonia as N	DNS	0.1	0.08	0.01	DNS	0	0.01
Un-ionised ammonia as NH3	DNS	0.12	0.1	0.01	DNS	0	0.01
Ammonium as N	DNS	22.96	30.02	8.22	DNS	0.41	8.23
Ammonium as NH4	DNS	29.52	38.59	10.57	DNS	0.53	10.59
BOD	DNS	25	29	0	DNS	0	12
Chloride	DNS	268.647	243	305.628	DNS	325.983	416.591
Nitrate	DNS	0	2	0	DNS	1.85	0
Nitrite	DNS	0	0	0	DNS	0	0
Suspended Solids	DNS	992	2144	760	DNS	130	40
Total Hardness	DNS	360	339	396	DNS	430	562
Hardness~	DNS	240	226	264	DNS	287	375
Total Petroleum Hydrocarbons(C8-C35)	DNS	0	1228	0	DNS	238	0

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	December-2010 Campaign 12	January 2011 Campaign 13	February 2011 Campaign 14	March 2011 Campaign 15	April 2011 Campaign 16	May 2011 Campaign 17	June 2011 Campaign 18	Aug 2011 Campaign 19	Aug 2011 Campaign 20	Sep 2011 Campaign 21	Oct 2011 Campaign 22	Nov 2011 Campaign 23	Dec 2011 Campaign 24	Jan 2012 Campaign 25
									SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6
									240	200	Dry	Dry	260	220	230	280	No Access	210	360	230	Dry	Dry
									0.029	0.021	Dry	Dry	0.021	0.039	0.026	0.059	No Access	0.05622	0.04285	0.05243	Dry	Dry
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	6.4	7.2	7	7.41	7.15	7.2	6.8	DNS	7.1	7.03	6.76	DNS	7.2	6.9
Temperature	oC		No WSV	592	0.00028	20.3	0		0.0011	0.0043	0.00317	0.00658	0.00765	0.0114	0.0188	DNS	0.0184	0.01444	0.01389	DNS	0.00734	0.00376
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		23.6	18.5	16.4	72.3	30.2	61.1	6.1	DNS	2.3	12.6	29.2	DNS	12.4	25.7
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.61	0.1582	0.2291	0.298	0.2138	0.4929	0.2536	DNS	0.3814	0.84	0.75	DNS	1.968	1.149
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.04	0	0.1163	0	0	0.3885	0.02655	DNS	0	0.56	0.2	DNS	1.123	0.1014
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	1	0	9.509	0	5.615	0	1.099	DNS	0	6	0	DNS	0	0
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		4126	188.1	19940	1624	7305	23380	9050	DNS	21100	22340	13010	DNS	31740	6393
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.007	0.008478	0.03287		0.02371	0.01526	0.006311	DNS	0.01267	0.026	0.02076	DNS	0.02076	0.008051
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.056	0.062626	0.069635	0.011805	0.030376			DNS	0.007902			DNS	0.029074	0.017442
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.0131	0.013229	0.015921	0.024633	0.022763	0.033301	0.058344	DNS	0.024525714	0.0469	0.072384	DNS	0.0136	0.020891
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0															

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Feb 2012 Campaign 26	Mar 2012 Campaign 27	Apr 2012 Campaign 28	May 2012 Campaign 29	June 2012 Campaign 30	July 2012 Campaign 31	August 2012 Campaign 32	September 2012 Campaign 33	October 2012 Campaign 34	November 2012 Campaign 35	December 2012 Campaign 36	January 2013 Campaign 37	Jan-2010 Campaign 1	Feb-2010 Campaign 2
									SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6		SW7
									Dry	Dry	Dry	Dry	Dry	290	200	240	330	600	200	250	130	Dry
									Dry	Dry	Dry	Dry	Dry	0.03445	0.03361	0.018	0.01	0.036	0.016	0.16	0.045	Dry
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		650	600	470	360	500	400	530	330	240	270	310	440	0.24	330
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.01	0.013	0.05	0.017	0.048	0.08	0.031	0.035	0.172	0.077	0.168	0.056	0.0008	0.019
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September- 2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	6.554	4.107	24.23	2.345	57.89	68.51	32.55	30.82	79.45	3.799	60.27	17.71	0.00092	DNS
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.2657	0.2335	0.1664	0.2534	0.2231	0.1726	0.1804	0.1954	0.1578	0.1958	0.1515	0.3012	0.00032	0.0456
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00082	0.00082	0.001	0.0002	0.0008	0.00165	0.00824	0.03953	0.01235	0.01647	0.00824	0.00906	0.00138	0.0001
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0.03	0.29	0.04	0.13	0.15	0.02	1.73	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0.01	0	0.04	0.35	0.04	0.16	0.18	0.03	1.73	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.82	0.82	1	0.25	0.82	1.64	8.21	39.24	12.32	16.34	8.09	9.04	1.38	0.1
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		1.06	1	1	0.3	1.1	2.12	10.59	48	15.88	21.18	10.59	11.65	1.36	0.13
BOD	mg/l		No WSV	592	0	130	0		6	12	10	4	6	17	44	18	13	9	28	7	0.94	0
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	430	437	368	406	400	314	318	310	277	10	280	499	0.27	90
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	5	5	11	10	53	3.33	20
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	0	0	0	0	0	2.78	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		82	30	14	82	446	286	600	116	66	104	30	42	1.46	22
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		708	458	389	460	181	183	178	471	348	385	360	570	0.3	400
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		472	305	259	307	121	122	119	314	232	257	240	380	0.3	267
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		0	276	15	41	81	117	0	10	130	10	152	0	2.38	0

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	Feb 2012 Campaign 26	Mar 2012 Campaign 27	Apr 2012 Campaign 28	May 2012 Campaign 29	June 2012 Campaign 30	July 2012 Campaign 31	August 2012 Campaign 32	September 2012 Campaign 33	October 2012 Campaign 34	November 2012 Campaign 35	December 2012 Campaign 36	January 2013 Campaign 37	Jan-2010 Campaign 1	Feb-2010 Campaign 2
									SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6	SW6		SW7
									Dry	Dry	Dry	Dry	Dry	290	200	240	330	600	200	250	130	Dry
									Dry	Dry	Dry	Dry	Dry	0.03445	0.03361	0.018	0.01	0.036	0.016	0.16	0.045	Dry
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	6.9	7	7.1	7.1	7.3	6.9	7.1	7.5	7.1	7.7	8.1	7.2	0.08	7.6
Temperature	oC		No WSV	592	0.00028	20.3	0		0.0006	0.0057	0.0076	0.0142	0.0151	0.0164	0.0156	0.0129	0.0129	0.0081	0.007	0.0081	0.0005	0.00461
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		12.1	39.9	12.3	32.8	13.6	16.2	3.7	18.3	3.5	9.2	12.5	13.4	0.88	32.5
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.7	0.38	1.508	0.45	7.3	16.25	7.7	4.51	25.74	0.74	5.05	2.35	2.09	0.11
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.71	0.05	0.023	0.04	1.2	4.32	0.64	0.04	2.05	0.05	1.36	0.01	2.08	0
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November- 2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	0	0	0	0	0	0	0	1	5	9	8	0	1.84	0
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		6019	337	36	120	24400	21170	9633	1586	16100	1414	6616	87	1.08	DNS
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.007	0.012	0.013	0.007	0.007	0.014		0.01	0.005	0.01	0.013	0.007	0.00088	0.003
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.068	0.056	0.041	0.054	0.007		0.014	0.005	0.005	0.327	0.018	0.053	0.00159	DNS
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.0112	0.0195	0.0145	0.0229	0.0251	0.0244	0.068	0.0219	0.0736	0.035	0.0106	0.0231	0.00067	0.0106
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0															

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Mar-2010 Campaign 3	Apr-2010 Campaign 4	May-2010 Campaign 5	June-2010 Campaign 6	July-2010 Campaign 7	August-2010 Campaign 8	September- 2010 Campaign 9	October-2010 Campaign 10	November- 2010 Campaign 11	December-2010 Campaign 12	January 2011 Campaign 13	February 2011 Campaign 14	March 2011 Campaign 15
									SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7
									Dry	150	110	450	190	120	243.2	109	110	600	112	124	230
									Dry	0.074	0.044	0.045	0.058	0.059	0.0407	0.0306	0.006	0.16	0.01099	0.014036	0.03629
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		290	350	370	360	650	350	200	410	410	340	360	370	310
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.034	0.008	0.044	0.05	0.021	0.017		0.034	0.021	0.055	0.02759	0.03541	0.02347
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	DNS	DNS	1.09	0.247	0.237	0.264	0.588	0.353	0.038	0.205	0.1758	0.6323	0.1329
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	0.001		DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.0498	0.0317	0.0473	0.0426	0.0334	0.0513	0.0412	0.0573	0.0392	0.0493	0.04446	0.0508	0.04946
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00002	0.00004	0.00001	0.0003	0.00016	0.00037	0.00044	0.00025	0.00017	0.00031	0.00075	0.00011	0.00008
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0.01	0	0	0	0	0.01	0	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0.01	0	0	0	0	0.01	0	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.02	0.04	0.01	0.3	0.16	0.36	0.44	0.25	0.17	0.31	0.74	0.1	0.08
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.03	0.05	0.01	0.38	0.2	0.47	0.57	0.32	0.22	0.4	0.95	0.13	0.11
BOD	mg/l		No WSV	592	0	130	0		0	0	0	5	4	7	7	11	4	6	0	0	6.8
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	83	74	86	75	79	75	69	105	92	90	87.876	86.332	96.596
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	36	5	3	4	13	3	6	5	4	12	6.347	6.513	17.162
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	0	0	0.17	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		10	10	54	10	14	18	46	44	236	10	20	76	24
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		331	268	315	441	445	515	209	379	317	354	354.22782	367.8187	331.58036
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		221	179	210	294	297	343	139	253	211	236	236	245	221
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		0	0	0	0	0	0	0	0	0	0	0	0	0

Assessment Criteria :	***Coastal and Estuarine EQS***				
CaCO (mg/l):	**0.00**	**pH**	**0.00**		
Calcium (mg/l):	**0.00**	**DOC (mg/l)**	**0.00**	**Catchment area:**	**Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	Mar-2010 Campaign 3	Apr-2010 Campaign 4	May-2010 Campaign 5	June-2010 Campaign 6	July-2010 Campaign 7	August-2010 Campaign 8	September- 2010 Campaign 9	October-2010 Campaign 10	November- 2010 Campaign 11	December-2010 Campaign 12	January 2011 Campaign 13	February 2011 Campaign 14	March 2011 Campaign 15
									SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7
									Dry	150	110	450	190	120	243.2	109	110	600	112	124	230
									Dry	0.074	0.044	0.045	0.058	0.059	0.0407	0.0306	0.006	0.16	0.01099	0.014036	0.03629
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7	6.5	7.7	7.7	7.4	7.7	5.3	7.3	7.5	7	8	7.9	7.55
Temperature	oC		No WSV	592	0.00028	20.3	0		0.00629	0.01045	0.01495	0.01368	0.0166	0.01616	0.01618	0.01185	0.0132	0.0025	0.005	0.00487	0.00621
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		53	52.7	61.2	61.9	32.2	14.5	48.4	9.8	27.8	29.3	33.8	35.9	48.3
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.16	0.05	0.42	0.11	0.05	0.09	0.1	0.16	0.11	0.24	0.1542	0.1385	0.161
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0	0	0.08	0.06	0.02	0.03	0.07	0.03	0.02	0	0	0.02774	0.04204
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	0	0	0	0	0	0	0	3	1	2	1.252	9.69	4.192
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		DNS	DNS	0	66	0	32	488	152	15	61	18.23	111.9	22.32
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.002	0.001						0.003	0.005	0.005	0.01047	0.02957	0.006711
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	DNS	DNS	0.042	0.045	0.055	0.031	0.034	0.052	0.046	0.049	0.045891	0.04949	0.049174
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.0094	0.0112	0.0122	0.0165	0.0046	0.006	0.0123	0.0147	0.0072	0.0086	0.008821	0.010334	0.011819
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0														

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	April 2011 Campaign 16	May 2011 Campaign 17	June 2011 Campaign 18	Aug 2011 Campaign 19	Aug 2011 Campaign 20	Sep 2011 Campaign 21	Oct 2011 Campaign 22	Nov 2011 Campaign 23	Dec 2011 Campaign 24	Jan 2012 Campaign 25	Feb 2012 Campaign 26	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Cam
									SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7
									348	432	528	0.45	400	300	510	500	360	Dry	510	200	470	560	460	490	460	540	420	500
									0.05892	0.071048	0.1185928	0.00075	0.02	0.064	0.011	0.07	0.033	Dry	0.004		0.012	0.053	0.059	0.02233	0.04663	0.01772	0.06188	0.03957
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		340	340	350	340	220	310	350	280	460	310	450	500	380	260	340	250	360	240	230	310
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.03401	0.04903	0.0438	0.06193	0.03146	0.049	0.01725	0.01494	0.03274	0.02278	0.013	0.015	0.028	0.019	0.02	0.041	0.017	0.031	0.123	0.084
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	0.2244	0.9323	1.708	0.1095	0.126	0.414	0.1369		1.223	0.3664	0.466	0.981	3.142	0.415	0.468	0.424	0.207	0.348	7.321	0.699
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.04379	0.04608	0.03902	0.04287	0.04853	0.0386	0.04205	0.03766	0.06696	0.06184	0.0592	0.08211	0.0356	0.0422	0.0479	0.059	0.0435	0.0479	0.0449	0.0547
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00007	0.00238	0.00007	0.00059				0.00041	0.00025	0.00041	0.00033	0.00016	0.001	0.0003	0.0001	0.00074	0.00107	0.00082	0.00165	0.00001
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0.01	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0.01	0	0.01	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.07	2.34	0.07	0.59	0	0	0	0.41	0.25	0.41	0.33	0.16	1	0.33	0.08	0.73	1.07	0.82	1.64	0.01
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.09	3.01	0.09	0.76	0	0	0	0.53	0.32	0.53	0.42	0.2	1	0.4	0.1	0.95	1.38	1	2.12	0.01
BOD	mg/l		No WSV	592	0	130	0		3	9.8	5.8	20	0	0	7	0	2	8	0	6	7	4	0	10	7	2	2	2
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	91.998	93.501	85.868	118.067	88.344	88	79.328	79.152	110.089	123.48	119	88	88	81	98	97	90	95	101	51
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	6.941	0	0	0	1.367	2	5.69	7.899	0	2.27	0	12	5	9	0	6	5	7	5	13
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		52	16	18	226	170	88	20	44	38	8	6	6	0	16	6	0	20	5	50	16
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		357.75244	364.63474	389.42054	398.1241	408	361	379	387	465	386	417	392	295	308	151	172	144	403	380	331
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		239	243	260	265	272	241	253	258	310	257	278	261	197	205	101	115	96	269	253	221
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		0	0	0	0	0	0	0	0	0	0	0	0	19	167	153	0	102	10	196	10

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	April 2011 Campaign 16	May 2011 Campaign 17	June 2011 Campaign 18	Aug 2011 Campaign 19	Aug 2011 Campaign 20	Sep 2011 Campaign 21	Oct 2011 Campaign 22	Nov 2011 Campaign 23	Dec 2011 Campaign 24	Jan 2012 Campaign 25	Feb 2012 Campaign 26	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Cam
									SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7	SW7
									348	432	528	0.45	400	300	510	500	360	Dry	510	200	470	560	460	490	460	540	420	500
									0.05892	0.071048	0.1185928	0.00075	0.02	0.064	0.011	0.07	0.033	Dry	0.004		0.012	0.053	0.059	0.02233	0.04663	0.01772	0.06188	0.03957
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.21	7.91	6.7	7.23	7.08	7.01	6.77	5.75	7.62	7.2	7.2	7.3	7.3	7.5	7.7	7.6	7.3	7	7.2	7.5
Temperature	oC		No WSV	592	0.00028	20.3	0		0.0086	0.0114	0.0131	0.0168	0.0165	0.01375	0.01357	0.0117	0.00786	0.00173	0.0023	0.0064	0.0106	0.0147	0.0159	0.0139	0.013	0.014	0.0123	0.0082
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		48.6	61.1	25.4	DNS	26	31.1	33.8	54.9	28.1	33	38	48.8	78.4	73.7	34.3	38.5	35.4	25.5	27.7	12.9
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.09094	0.2251	0.2602	0.1274	0.06359	0.22	0.1669	0.603	0.1924	0.1267	0.23	0.3	0.216	0.21	0.3	0.9	0.23	0.37	9.3	0.02
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0	0.1174	0.07896	0	0.0214	0	0.03711	0.076	0.04048	0.05415	0.01	0.07	0	0.04	0.1	0.04	0.06	0.13	0.02	0.02
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		22.03	716.9	730	21.44	83.62	154	49.66	0	752.1	61.54	118	168	82	234	33	14	49	37	10	45
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.03253	0.0141		0.02473	0.006128		0.009	0.005537	0.006154	0.00851		0.013	0.009	0.007	0.009	0.014	0.005	0.006	0.005	0.01
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.05013	0.047698	0.044223	0.05615	0.03791	0.041	0.044294	0.055456	0.035844	0.040246	0.051	0.036	0.051	0.044	0.04	0.043	0.041	0.046	0.049	0.086
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.012868	0.013191	0.010739	0.0084985	0.015168571	0.0094	0.0091599	0.0099808	0.0079	0.011927	0.0108	0.0164	0.0081	0.018	0.01	0.0131	0.0362	0.0072	0.0095	0.0042
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																					

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	r 2012 Cam	2013 Camp	010 Campa	010 Campa	010 Campa	010 Campa	2010 Camp	010 Campa	-2010 Cam	er- 2010 Ca	-2010 Cam	r- 2010 Ca	r-2010 Ca	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campai	011 Campa	011 Campa	012 Campai	012 Campa	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa
									SW7	SW7	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8
									450	DNS	360	350	500	DNS	570	450	650	600	470	360	500	400	530	330	240	270	310	440	360	435.9	104.5	200	650	259.5	303	455	554	580.5	617	0.24
									0.03276	DNS	0.06112	0.067	0.03767	DNS	0.05753	0.02149	0.01	0.013	0.05	0.017	0.048	0.08	0.031	0.035	0.172	0.077	0.168	0.056	0.069	0.0476	0.0383		0.172	0.00782	0.0113	0.0431	0.07489	0.110879	0.168962	0.0008
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		400	260	305	290	330	370	360	420	350	360	410	370	360	365	400	340	320	380	440	330	250	320	380	360	390	290	420	470	350	250	360	190
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.04	0.044	0.014	0.072	0.003	0.028	0.03	0.045	0.017		0.023	0.0245	0.057	0.029	0.02953	0.04507	0.06294	0.0555	0.04892	0.1155	0.02584	0.045	0.0291	0.01448	0.04559	0.03002	0.03	0.017	0.02	0.023	0.024	0.043
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September- 2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	2.257	1.792	DNS	DNS	DNS	0.118	0.035	0.066	0.033	0.119	0.078	0.025	0.256	0.1405	0.1717	0.1518	0.03547	0.193	0.1325	0.29	0.0315	0.657	0.4421		0.05394	0.07362	0.421	0.738	0.115	0.14	0.17	0.356
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	1	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	0.002	0.001	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.0426	0.0628	0.0792	0.1261	0.2681	0.1408	0.0602	0.0567	0.0641	0.089	0.0578	0.0856	0.0774	0.0815	0.0818	0.08315	0.07226	0.0731	0.07472	0.06398	0.08063	0.0565	0.07672	0.08548	0.07801	0.05989	0.1083	0.04911	0.0272	0.0342	0.0603	0.0704
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00041		0.0001		0.00002		0.00012	0.00012	0.00003	0.00002	0.0003	0.00015	0.00041	0.00028	0.00014	0.00008	0.00007		0.00002	0.00008	0.0014	0.00032	0.00824	0.00288	0.00165	0.00041	0.00008	0.00016	0.0002	0.0002	0.0002	0.00058
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0.03	0.01	0	0	0	0	0	0	0.01
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0.03	0.01	0	0	0	0	0	0	0.01
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.41	0	0.1	0	0.02	0	0.12	0.11	0.03	0.02	0.3	0.14	0.41	0.28	0.14	0.08	0.07	0	0.02	0.08	1.4	0.32	8.22	2.85	1.64	0.41	0.08	0.16	0.2	0.16	0.24	0.57
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.53	0	0.13	0	0.03	0	0.15	0.15	0.04	0.03	0.39	0.19	0.53	0.36	0.17	0.11	0.09	0	0.03	0.11	1.8	0.41	10.56	3.67	2.11	0.53	0.11	0.2	0.2	0.2	0.3	0.74
BOD	mg/l		No WSV	592	0	130	0		10	2	0	0	0	0	3	0	0	2	9	4	0	0	0	1.2	0	1.5	4.2	0	0	0	130	2.522143	39	44	3	10	10	0	0	4
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	81	112	185	177	364	350	126	103	167	99	114	197.5	199	198.25	199.113	220.835	242.891	174	182.851	189.575	205.297	161	215.502	201.613	206.944	83.527	309	104	61	61	103	181
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	12	45	4	30	16	0	24	37	4	35	18	3	10	6.5	12.074	10.398	7.267	10.559	4.83	3.077	1.328	0	0	0	0	31.779	7	13	15	17	22	0
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	2.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		30	32	6	14	12	32	22	22	228	26	36	31	16	23.5	16	42	36	10	14	16	360	36	216	70	12	10	6	12	6	8	80	0
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		376	342	582	367	695	511	441	454	456	426	394	396.5	469	432.75	510.9841	483.5878	469.0202	453	493.906	444	541	421	518	589	585	389	623	339	324	310	173	193
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		251	228	388	245	463	341	294	303	304	284	263	264	313	289	341	322	313	302	329	296	361	281	345	393	390	259	415	226	216	207	115	129
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	204.06	0	0	0	0	0	0	0	0	0	11	58	68	0

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	r 2012 Cam	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Cam	er- 2010 Ca	-2010 Camp	r- 2010 Car	r-2010 Cam	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campai	011 Campa	011 Campa	012 Campai	012 Campa	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa
									SW7	SW7	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8	SW8
									450	DNS	360	350	500	DNS	570	450	650	600	470	360	500	400	530	330	240	270	310	440	360	435.9	104.5	200	650	259.5	303	455	554	580.5	617	0.24
									0.03276	DNS	0.06112	0.067	0.03767	DNS	0.05753	0.02149	0.01	0.013	0.05	0.017	0.048	0.08	0.031	0.035	0.172	0.077	0.168	0.056	0.069	0.0476	0.0383		0.172	0.00782	0.0113	0.0431	0.07489	0.110879	0.168962	0.0008
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.2	7.2	7.2	6.9	6.9	7.55	6.75	8.2	7.4	7.2	6.5	6.9	6.7	7	7.1	7.75	7.44	8.05	7.3	7.31	6.85	6.86	6.91	7.66	7.33	7.4	7.3	7.2	7.3	7.5	7.6	7.6
Temperature	oC		No WSV	592	0.00028	20.3	0		0.0079	0.0072	0.00329	0.00566	0.00972	0.01343	0.01287	0.0188	0.0197	0.01389	0.01392	0.0112	0.0027	0.0034	0.00264	0.00455	0.01039	0.0114	0.0162	0.0168	0.0199	0.01387	0.0161	0.012	0.00958	0.00305	0.0017	0.0053	0.0092	0.0111	0.0145	0.0159
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		17.5	32.6	25.3	50.4	70.9	69.1	111.4	146	37	43.3	18	17.1	28.7	30.7	27.1	43	114	61.1	95.1	DNS	38.7	20.8	43.8	54.5	30.1	37.5	41.7	39.8	75.4	83.5	34.5	58.2
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.35	0.25	0.07	0.74	0.26	0.23	1.14	0.87	0.53	1.22	0.55	0.13	0.28	0.205	0.1562	0.4468	0.42	0.405	0.6328	1.721	0.135	0.67	4.827	0.973	0.1849	1.109	0.25	0.38	0.221	0.61	0.5	0.85
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.02	0.03	0.03	0.35	0.25	0.13	0.5	0.69	0.28	0.82	0.36	0.055	0.09	0.0725	0.06457	0.1075	0.1	0.1799	0.02505	0.1972	0.139	0.28	3.455	0.198	0.05585	0.6314	0.04	0.25	0	0.23	0.4	0.09
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	7	0	1	2	1	0	0	0	0	0	3	3	2	2.5	10.73	5.438	7.738	0	1.766	0	0	0	0	0	0	5.007	0	0	0	0	0	0
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		174	208	0	DNS	DNS	0	0	0	0	0	32	8	203	105.5	132.2	80.84	14.58	85	17.16	0	20.63	229	260.1	0	35.72	0	172	52	0	81	27	0
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.013	0.006	0.007	0.004	0.001							0.0065	0.016	0.01125	0.0257	0.008635	0.04421	0.0115	0.006797	0.009034	0.006009		0.01849		0.01014	0.00929		0.011	0.007	0.009	0.014	0.005
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.049	0.045	DNS	DNS	DNS	0.062	0.084	0.103	0.056	0.077	0.063	0.0265	0.058	0.04225	0.057395	0.049752	0.05686	0.074	0.073803	0.062187	0.049637	0.056	0.031878	0.060157	0.049487	0.075324	0.058	0.041	0.062	0.041	0.082	0.047
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.0032	0.0178	0.0131	0.0076	0.0105	0.0125	0.0128	0.006	0.0065	0.0061	0.0127	0.00885	0.0094	0.009125	0.013977	0.01097	0.012782	0.0083	0.009426	0.010131	0.013911	0.0131	0.061826	0.010307	0.0072	0.01041	0.01418	0.0172	0.0062	0.0176	0.0085	0.0143
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																																	

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	2012 Camp	r 2012 Can	2012 Camp	r 2012 Can	r 2012 Can	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Camp	er- 2010 Ca	-2010 Camp	r- 2010 Can	r-2010 Can	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campai	011 Campa	011 Campa	012 Campai	012 Campa
									SW8	SW8	SW8	SW8	SW8	SW8		SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9
									330	290	350	370	360	650	350	200	410	410	340	360	370	310	340	340	350	340	220	310	350	280	460	310	450	500	380	260	340	250	360	240
									0.019	0.034	0.008	0.044	0.05	0.021	0.017		0.034	0.021	0.055	0.02759	0.03541	0.02347	0.03401	0.04903	0.0438	0.06193	0.03146	0.049	0.01725	0.01494	0.03274	0.02278	0.013	0.015	0.028	0.019	0.02	0.041	0.017	0.031
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		400	320	250	170	410	260	0.21	380	300	350	410	370	410	340	170	380	390	350	420	420	370	380	400	320	370	260	380	360	270	410	240	460
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.026	0.032	0.083	0.049	0.126	0.067	0.00068	0.014	0.052	0.018	0.018	0.023	0.048	0.004	0.016	0.015	0.03	0.078	0.03472	0.0412	0.03348	0.08796	0.06283	0.03563	0.05561	0.02451	0.0504	0.03128	0.01049	0.02708	0.02491	0.026
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September- 2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	2.126	1.845	0.72	0.329	16.29	0.58	0.00342	DNS	DNS	DNS	0.0375	0.025	0.048	0.011	0.096	0.073	0.01	0.279	0.04893	0.03526	0.01924	0.02644	0.04903	0.03448	0.03781	0.02972	0.2641	0.08209	0.0112	0.03963	0.06283	0.112
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	0.00047	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.0649	0.081	0.0658	0.0776	0.0439	0.0564	0.00049	0.02825	0.0246	0.0636	0.0601	0.0249	0.0252	0.0345	0.0413	0.0361	0.0076	0.039	0.03091	0.04468	0.04149	0.0345	0.04248	0.03352	0.02836	0.03277	0.02437	0.03101	0.03003	0.03695	0.04253	0.0396
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00124	0.00247	0.00148	0.00001	0.00041		0.00223		0.00004	0.00002	0.00002	0.00008	0.00011	0.00037	0.00042	0.00013	0.00007	0.00013	0.00065	0.00019	0.00008	0.00005		0.00003	0.00128	0.00033	0.00006		0.00082	0.00025	0.00041	
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0.01	0.05	0.01	0	0	0	2.24	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0.01	0	0	0	0	0	0	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0.01	0.06	0.02	0	0	0	2.24	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0.01	0	0	0	0	0	0	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		1.23	2.42	1.47	0.01	0.41	0	2.24	0.1	0.1	0.1	0.1	0.08	0.11	0.37	0.42	0.13	0.07	0.13	0.64	0.19	0.08	0.05	0	0.03	1.27	0.33	0.06	0	0.82	0.25	0.41	0
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		1.59	3	1.91	0.01	0.53	0	2.25	0.13	0.13	0.13	0.13	0.1	0.14	0.47	0.54	0.17	0.09	0.17	0.82	0.25	0.1	0.06	0	0.04	1.63	0.42	0.08	0	1.06	0.32	0.53	0
BOD	mg/l		No WSV	592	0	130	0		10	2	2	32	10	26	2.4	4	0	0	0	2	0	8	0	5	6	0	0	0	0	0	4.8	3.6	0	0	0	0	0	0	16	0
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	154	186	173	60	89	114	0.42	41.5	43	48	62	42	45	43	39	51	44	68	54.948	105.396	50.886	63.45	66.639	60.885	41.483	52.612	42.112	42.219	56.771	64.119	67.198	57
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	0	5	5	14	9	7	0.96	0	11	2	0	0	0	0	0	0	0	19	0	5.381	10	19.736	16.188	10.442	0	0	0	0	0	6.838	24.674	17
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	5.92	0	0	0	0	0	0	0	0	0	0	0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		55	66	42	12	20	6	1.63	10	14	14	37	28	26	26	46	132	194	14	46	34	24	30	0	14	18	38	32	0	30	8	8	0
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		173	527	444	362	371	315	0.27	456	323	823	369.5	366	317	445	234	348	295	352	375.2629	417.4862	439.912	378.8148	431.4855	414.5467	373.1174	394	369.2491	381	390	444	345	435
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		115	351	296	241	247	210	0.27	304	215	549	246	244	211	297	156	232	197	235	250	278	293	253	288	276	249	263	246	254	260	296	230	290
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		0	18	15	10	10	21	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80.38	0	0	0	0	0	0	0	0

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;
Temperature	oC		No WSV	592	0.00028	20.3	0	
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0	
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0	
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0	
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November- 2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0	
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0	
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0	

Constituents	2012 Camp	r 2012 Can	2012 Camp	r 2012 Cam	r 2012 Can	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Cam	er- 2010 Ca	-2010 Cam
	SW8	SW8	SW8	SW8	SW8	SW8		SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9
	330	290	350	370	360	650	350	200	410	410	340	360	370	310	340	340
	0.019	0.034	0.008	0.044	0.05	0.021	0.017		0.034	0.021	0.055	0.02759	0.03541	0.02347	0.03401	0.04903
pH	7.4	7.9	7.6	7.7	7.8	7.6	0.06	7.2	6.7	6.7	7.45	7.9	7.6	7.5	6.2	7.3
Temperature	0.0144	0.0146	0.0121	0.0079	0.0069	0.0072	0.00049	0.00446	0.00681	0.01139	0.01893	0.01636	0.0235	0.01714	0.01779	0.01157
Dissolved Oxygen	15.2	14.9	10.4	12.4	12	26.4	0.68	32.3	72	36.8	54.9	107.3	/	9.1	61.3	23.6
Total Phosphorus	0.68	1.94	0.7	0.18	6.15	0.27	1.42	0.185	0.31	0.09	0.265	0.2	0.33	0.08	0.29	0.09
Soluble ReactivePhosphorus	0.49	0.18	0.18	0.02	0.08	0.11	1.81	0.075	0.05	0.03	0.19	0.04	0.03	0	0.24	0
Dissolved Copper	0	1	5	8	10	0	1.51	0	0	0	0	0	0	0	2	3
Dissolved Iron	1976	10	32	66	33	236	2.91	DNS	DNS	DNS	0	0	0	0	45	43
Dissolved Zinc	0.005	0.007	0.005	0.012	0.015	0.007	0.00104	0.0045	0.002	0.002				0.002		0.001
Dissolved Cadmium	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS
Dissolved Mercury	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS
Dissolved Nickel	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS
Dissolved Lead	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS
Sulphate	0.038	0.063	0.059	0.132	0.054	0.05	0.00033	DNS	DNS	DNS	0.05	0.048	0.059	0.044	0.024	0.04
Dissolved Organic Carbon	0.0357	0.0072	0.0105	0.0056	0.0059	0.02	0.00078	0.01025	0.0061	0.0091	0.01095	0.0133	0.0063	0.0067	0.0185	0.0124
Acid Neutralising Capacity																

Constituents	r- 2010 Ca	r-2010 Cam	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	012 Campa	012 Campa
	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9
	350	340	220	310	350	280	460	310	450	500	380	260	340	250	360	240
	0.0438	0.06193	0.03146	0.049	0.01725	0.01494	0.03274	0.02278	0.013	0.015	0.028	0.019	0.02	0.041	0.017	0.031
pH	7.6	7.3	8.1	7.5	8.02	7.26	7.86	7.1	7.44	7.04	6.84	6.99	6	7.45	6.8	7.4
Temperature	0.0136	0.0019	0.005	0.00532	0.00558	0.00938	0.0114	0.0167	0.0168	0.0172	0.01582	0.01445	0.01203	0.00964	0.00302	0.0031
Dissolved Oxygen	77.8	56.4	42.5	38.9	61	67.9	61.1	96.3	135.6	47.6	52	67.5	95.9	60	39.1	89.4
Total Phosphorus	0.13	0.37	0.6129	0.125	0.3215	0.2663	0.16277	0.2277	0.1612	0.15184	1.585	0.2004	0.04237	0.1282	0.4406	0.17
Soluble ReactivePhosphorus	0	0	0.04824	0.0579	0.09162	0.09	0	0	0	0.104	0.02648	0.01841	0	0	0.1978	0.02
Dissolved Copper	0	1	2.133	9.758	4.634	6.856	0	1.3	0	0	0	0	0	0	5.175	0
Dissolved Iron	0	18	0	9.209	0	5.298	0	0	10.67	11.45	90.61	0	0	19.33	18.66	19
Dissolved Zinc	0.004	0.005	0.02201	0.02578	0.005238	0.05105	0.01228	0.005631	0.0232	0.007352		0.01048		0.007901	0.01044	
Dissolved Cadmium	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	0.046	0.064	0.047276	0.057003	0.050858	0.065191	0.072418	0.068425	0.044696	0.046523	0.038018	0.040985	0.059679	0.057094	0.057146	0.06
Dissolved Organic Carbon	0.0067	0.0067	0.008021	0.012716	0.00894	0.010805	0.010816	0.008383	0.012074	0.019634	0.011974	0.009769	0.009435	0.0086	0.013637	0.01147
Acid Neutralising Capacity																

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa	2012 Camp	er 2012 Can	2012 Camp	r 2012 Can	r 2012 Can	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Cam	er- 2010 Ca	-2010 Camp	r- 2010 Can	r-2010 Can	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campai
									SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10
									230	310	400	260	250	341.4	85.2	200	650	228	246	340	426	468	542	0.25	305	290	330	370	360	420	350	360	410	370	360	365	400	340	320	380
									0.123	0.084	0.04	0.044	0.05	0.0344	0.0225		0.123	0.0123	0.015078	0.03146	0.05217	0.066398	0.095226	0.00065	0.014	0.072	0.003	0.028	0.03	0.045	0.017		0.023	0.0245	0.057	0.029	0.02953	0.04507	0.06294	0.0555
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		590	370	250	380	310	380	320	220	200	600	260	280	190	350	360	350	460	370	330	360	410	390	360	420	410	360	350	400	DNS	370	310	380
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.011	0.032	0.016	0.049	0.047	0.035	0.027	0.059	0.051	0.076	0.034	0.023	0.048	0.008	0.045	0.025	0.035	0.032	0.037	0.033	0.023	0.049	0.0322	0.06847	0.04238	0.05648	0.0549	0.04266	DNS	0.0284	0.04789	0.026
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	0.339	0.996	0.079	0.322	0.238	0.072	0.156	0.133	0.128	0.251	0.338	DNS	DNS	DNS	0.099	0.015	0.068	0.075	0.172	0.0295	0.03	0.167	0.06192	0.2314	0.06428	0.04165	0.05919	0.263	DNS	0.02242	0.3056	0.031
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	0	1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	0	0.31	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	0.001		DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.03335	0.0935	0.029	0.0312	0.0331	0.0326	0.0362	0.032	0.0521	0.0329	0.0456	0.0733	0.0543	0.1241	0.0578	0.0512	0.0613	0.07	0.0625	0.05085	0.0512	0.1118	0.06704	0.05267	0.05394	0.05827	0.04989	0.05684	DNS	0.06614	0.04353	0.06431
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00025		0.0002				0.00016	0.00025	0.00001	0.00001				0.00002	0.00002	0.00008	0.00024	0.00003	0.00002	0.00015	0.00005	0.00006	0.00085	0.0007	0.00008	0.00005		0.00001	DNS	0.00008	0.00008	
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0.01	0	0	0	0	0	DNS	0	0	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0.01	0	0	0	0	0	DNS	0	0	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.25	0	0.24	0	0	0	0.16	0.25	0.01	0.01	0	0	0	0.02	0.02	0.08	0.23	0.03	0.02	0.14	0.05	0.06	0.84	0.7	0.08	0.05	0	0.01	DNS	0.08	0.08	0
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.3	0	0.3	0	0	0	0.2	0.32	0.01	0.01	0	0	0	0.03	0.03	0.1	0.3	0.04	0.03	0.19	0.06	0.08	1.08	0.9	0.11	0.06	0	0.02	DNS	0.11	0.1	0
BOD	mg/l		No WSV	592	0	130	0		7	7	3	0	10	15	2	2	2	14	21	8	0	0	0	7	4	0	0	9	3	16	8	0	0	0	2.8	2.8	DNS	0	0	0
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	53	233	53	55	55	59	61	63	67	63	71	106	78	168	67	75	89	77	79	68	86	184	169.516	87.403	64.667	107.289	78.485	96.843	DNS	83.399	67.815	81.356
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	16	0	0	8	7	16	9	9	15	16	0	26	40	28	19	37	36	26	40	30.5	32	27	13.015	24.061	34.722	29.632	19.106	19.171	DNS	31.871	27.674	29.396
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.8	0	0	0	0	1	0	0	0	0	0	0	DNS	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		14	0	14	8	18	0	16	14	16	30	16	8	20	10	16	14	10	28	18	16	22	16	14	14	26	12	0	12	DNS	30	64	8
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		291	602	284	151	161	149	401	374	330	343	332	467	368	538	346	405	477	602	380	396	341	436	473.7379	369.8616	428.2109	428.0129	384.7324	440.3481	DNS	470	355.4493	444
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		194	401	189	101	107	99	267	249	220	229	221	311	245	359	231	270	318	401	253	264	227	291	316	247	285	285	256	294	DNS	313	237	296
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		42	12	0	22	0	0	54	10	10	10	41	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	1064.23	DNS	0	0	0

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa	2012 Camp	r 2012 Car	2012 Camp	r 2012 Car	r 2012 Car	2013 Camp	2010 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Camp	er- 2010 Ca	-2010 Camp	r- 2010 Car	r-2010 Cam	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campai
									SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW9	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10
									230	310	400	260	250	341.4	85.2	200	650	228	246	340	426	468	542	0.25	305	290	330	370	360	420	350	360	410	370	360	365	400	340	320	380
									0.123	0.084	0.04	0.044	0.05	0.0344	0.0225		0.123	0.0123	0.015078	0.03146	0.05217	0.066398	0.095226	0.00065	0.014	0.072	0.003	0.028	0.03	0.045	0.017		0.023	0.0245	0.057	0.029	0.02953	0.04507	0.06294	0.0555
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.5	7.4	7.6	7.7	7.2	7.1	6.3	7.2	7.4	7.2	7	8.3	7.2	7	7.7	7.3	7.9	7.4	7.3	6.8	7.2	6.9	7.8	7	7.69	7.6	7.5	7.4	DNS	6.37	6.57	7.19
Temperature	oC		No WSV	592	0.00028	20.3	0		0.007	0.0116	0.0142	0.0179	0.0157	0.0131	0.015	0.0129	0.0088	0.0078	0.0069	0.00467	0.0065	0.00981	0.01365	0.01307	0.0196	0.02105	0.01427	0.01387	0.0114	0.0039	0.0042	0.00397	0.0058	0.01115	0.0114	0.0189	DNS	0.0188	0.01387	0.01631
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		60.8	87.5	95.1	93.4	63.4	24.4	46.6	46	44.2	30.8	40.1	31.6	50.8	72.6	73.9	112.4	137	94.9	57.7	43.2	49.7	50.9	26.2	20.8	45.3	133.9	61.1	104.2	DNS	61.8	31.8	59.9
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.13	0.354	0.22	0.3	0.28	0.21	0.35	0.46	0.02	0.17	0.29	0.46	0.61	0.65	0.9	1.26	1.18	1.31	1.56	0.63	0.96	0.85	0.6515	0.8594	1.179	0.8213	0.7791	0.8907	DNS	1.05	1.616	1.33
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.01	0.08	0.04	0.1	0	0.06	0.12	0.02	0.02	0.02	0.03	0.36	0.52	0.65	0.73	0.67	0.81	0.85	1.22	0.58	0.3	0.68	0.333	0.6126	0.6136	0.41	0.4958	0.5066	DNS	0.96	1.332	0.34
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	6	0	0	0	0	0	1	5	9	8	0	0	3	4	0	0	0	4	3	6.5	3	3	1.375	12.2	4.859	8.938	0	2.989	DNS	0	0	0
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		204	25	36	0	0	13	10	10	24	28	56	DNS	DNS	DNS	0	0	0	0	0	21	0	122	58.11	87.09	25.25	21.79	37.51	12.48	DNS	14.14	30.28	25.79
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.023	0.006	0.007	0.014	0.006		0.005	0.005	0.014	0.017	0.005	0.008	0.012	0.005				0.006		0.0035	0.007	0.017	0.008685	0.02886	0.007413	0.02521	0.01457	0.006893	DNS	0.009557		0.021
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.052	0.055	0.044	0.059	0.062	0.063	0.061	0.06	0.062	0.067	0.044	DNS	DNS	DNS	0.069	0.089	0.106	0.095	0.081	0.0775	0.08	0.081	0.067463	0.08623	0.080145	0.083412	0.087576	0.087546	DNS	0.086849	0.07905	0.092357
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.0137	0.0084	0.0171	0.0092	0.0122	0.0338	0.0064	0.0098	0.003	0.0001	0.0166	0.0094	0.0059	0.0078	0.0104	0.0115	0.0062	0.005	0.0065	0.01375	0.007	0.01	0.008162	0.012055	0.008331	0.010493	0.00857	0.009622	DNS	0.007691	0.011909	0.010496
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																																	

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	011 Campa	011 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Can	r 2012 Can	2013 Camp	010 Campa	010 Campa	010 Campa	010 Campa	010 Campa	010 Camp	010 Campa	-2010 Cam	- 2010 Ca	-2010 Cam	- 2010 Can	-2010 Can	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa
									SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10		SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11
									440	330	250	320	380	360	390	290	420	470	350	250	360	190	400	320	250	170	410	260	200	338.9	70	170	470	198	250	360	414	424	448.4	0.21
									0.04892	0.1155	0.02584	0.045	0.0291	0.01448	0.04559	0.03002	0.03	0.017	0.02	0.023	0.024	0.043	0.026	0.032	0.083	0.049	0.126	0.067	0.048	0.04	0.027		0.126	0.0118	0.015854	0.03002	0.06928	0.089756	0.11844	0.00068
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		360	420	300	450	500	380	270	410	220	380	310	290	180	300	260	0.22	DNS	DNS	DNS	200	260	390	310	300	380	360	430	380	390	360	360	400
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.01442	0.05506	0.0283	0.026	0.048	0.046	0.031	0.033	0.048	0.023	0.036	0.101	0.055	0.057	0.063	0.00042	DNS	DNS	DNS	0.067	0.042	0.025	0.007	0.017	0.019	0.025	0.049	0.02021	0.03882	0.04849	0.06328	0.05144
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September- 2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	0.02971	0.055	0.1574	0.199	0.84	1.042	0.216	0.511	0.355	0.474	0.245	1.197	0.174	0.401	0.443	0.00113	DNS	DNS	DNS	0.726	0.053	0.062	0.018	0.028	0.036	0.009	0.222	0.1026	0.1267	0.05484	0.03098	0.1243
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS	DNS	DNS	DNS	2	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	0.00141	DNS	DNS	DNS	DNS	0.008	0.002	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.05781	0.06519	0.07006	0.0705	0.07047	0.0434	0.0328	0.0533	0.0627	0.0563	0.0622	0.058	0.057	0.0357	0.0753	0.00028	DNS	DNS	DNS	7.693	5.293	7.5063	0.3349	0.2919	0.454	0.445	0.1844	0.1338	0.3935	0.4893	0.1316	0.1996
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0				0.00041		0.00049				0.00041	0.00016	0.00025	0.00025	0.00001	0.00001		0.00158	DNS	DNS	DNS		0.00014	0.00204	0.00007	0.00004	0.00021	0.00012	0.00017	0.0007	0.00052			0.00087
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	DNS	DNS	DNS	0	0	0.07	0	0	0	0	0	0	0	0	0	0.03
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	DNS	DNS	DNS	0	0	0.09	0	0	0	0	0	0	0	0	0	0.04
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0	0	0.41	0	0.49	0	0	0	0.41	0.16	0.24	0.24	0.01	0.01	0	1.58	DNS	DNS	DNS	0	0.14	1.97	0.07	0.04	0.21	0.12	0.17	0.7	0.51	0	0	0.84
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0	0	0.53	0	0.6	0	0.1	0	0.53	0.21	0.3	0.32	0.01	0.01	0	1.55	DNS	DNS	DNS	0	0.18	2.53	0.09	0.05	0.27	0.15	0.22	0.9	0.66	0	0	1.08
BOD	mg/l		No WSV	592	0	130	0		0	0	3	6	11	7	4	0	8	12	19	2	2	18	36	1.38	DNS	DNS	DNS	6	0	0	0	5	6	14	5	5	2.4	0	0	7.2
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	84.283	98.69	219.805	110	38	81	48	77	139	89	97	85	89	68	128	0.39	DNS	DNS	DNS	11946	9865	15655	2967	507	729	388	267	286.255	715.564	418.056	252.734	393.614
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	45.208	47.389	5.979	44	39	34	22	25	11	25	29	28	33	19	24	0.33	DNS	DNS	DNS	7	8	16	0	17	14	23	20	19.054	12.669	19.402	23.026	14.251
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	1.8	0	0	0	0	0	0	0	0	0	0	3.58	DNS	DNS	DNS	0	0	0	0	0	0	0	0.64	0	0	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		34	12	16	16	14	6	8	14	12	30	20	38	8	26	14	0.64	DNS	DNS	DNS	220	118	192	134	14	18	22	10	82	12	12	0	12
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		414	465	420	405	558	321	337	207	174	167	462	423	351	311	349	0.23	DNS	DNS	DNS	4759	3296	6487	1980	530	649	570	525	495.25	607.12	1108.833	498.9895	535.6614
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		276	310	280	270	372	214	225	138	116	112	308	282	234	207	233	0.23	DNS	DNS	DNS	3173	2197	4325	1320	353	433	380	350	330	405	739	333	357
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		0	0	0	0	16	19	18	27	0	0	17	57	10	10	0	4.75	DNS	DNS	DNS	0	0	0	0	0	0	0	0	0	0	0	0	0

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	011 Campa	011 Campa	012 Campai	012 Campa	012 Campa	012 Campai	012 Campa	2012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Can	r 2012 Can	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Camp	er- 2010 Ca	-2010 Camp	r- 2010 Can	r-2010 Can	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa
									SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10	SW10		SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11
									440	330	250	320	380	360	390	290	420	470	350	250	360	190	400	320	250	170	410	260	200	338.9	70	170	470	198	250	360	414	424	448.4	0.21
									0.04892	0.1155	0.02584	0.045	0.0291	0.01448	0.04559	0.03002	0.03	0.017	0.02	0.023	0.024	0.043	0.026	0.032	0.083	0.049	0.126	0.067	0.048	0.04	0.027		0.126	0.0118	0.015854	0.03002	0.06928	0.089756	0.11844	0.00068
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.77	7.63	7.3	7.4	7.2	7.4	7.5	7.7	7.4	7.6	7.8	7.6	7.8	7.9	7.5	0.06	DNS	DNS	DNS	7	7.8	8.1	7.7	7.1	7.6	6.4	7.7	6.6	7.8	7.63	7.64	8.26
Temperature	oC		No WSV	592	0.00028	20.3	0		0.01248	0.00958	0.00464	0.0035	0.0061	0.01	0.011	0.0143	0.0165	0.0139	0.0146	0.0125	0.0087	0.0076	0.0081	0.00044	DNS	DNS	DNS	0.01091	0.01234	0.0161	0.0193	0.0156	0.01378	0.0125	0.0035	0.0046	0.00375	0.00534	0.00739	0.0109
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		72.9	38.9	43	49.2	41.6	82.6	88.5	41	62.5	23.1	15.8	13.7	17.6	19.1	30.8	0.57	DNS	DNS	DNS	94.4	80.3	89.2	102.5	41.1	37.5	61	52.5	31.6	29.7	39	82	66.6
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		1.641	1.857	0.147	1.4	1.05	1.648	0.9	0.9	1.5	0.81	1.29	4.76	0.83	1	0.51	0.65	DNS	DNS	DNS	0.25	0.43	0.13	0.93	0.91	0.48	1.06	0.7	0.7846	0.5644	0.7545	0.6246	0.46
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		1.365	1.584	0.1156	0.94	0.6	0.841	0.47	0.4	0.74	0.52	1.06	1.06	0.05	0.51	0.31	0.52	DNS	DNS	DNS	0.2	0.21	0.08	0.61	0.82	0.32	0.21	0.54	0.4718	0.4053	0.4295	0.31	0.403
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	0	0	5.491	0	6	0	0	0	0	0	1	5	9	10	0	1.24	DNS	DNS	DNS	0	0	0	4	2	3	2	3	2.247	12.27	6.154	7.862	5.445
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		0	47.44	52.34	74	159	27	85	0	33	0	10	10	18	119	79	1.1	DNS	DNS	DNS	0	0	0	0	0	18	0	211	36.9	63.24	23.7	18.99	78.9
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.008881	0.005993	0.01151	0.008	0.018	0.009	0.01	0.01			0.007	0.01	0.015	0.02	0.011	0.00077	DNS	DNS	DNS	0.002		0.011	0.001		0.006	0.004	0.016	0.01048	0.0221	0.01046	0.038	0.01942
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.094877	0.101614	0.04876	0.09	0.05	0.089	0.053	0.086	0.061	0.08	0.089	0.076	0.084	0.073	0.08	0.00017	DNS	DNS	DNS	1.69	1.232	2.357	0.385	0.112	0.138	0.108	0.086	0.098588	0.152558	0.101314	0.090354	0.122787
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.010718	0.0063	0.015377	0.01309	0.016	0.0075	0.0148	0.0076	0.0127	0.0334	0.0068	0.0093	0.0042	0.0001	0.0224	0.00055	DNS	DNS	DNS	0.0104	0.0176	0.0055	0.0059	0.0056	0.0134	0.0073	0.0094	0.008634	0.013822	0.010167	0.010375	0.008578
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																																	

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	2011 Campa	011 Campa	011 Campa	011 Campa	011 Campai	011 Campa	011 Campa	012 Campai	012 Campa	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa	2012 Camp	er 2012 Can	2012 Camp	er 2012 Can	er 2012 Can	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Camp	er- 2010 Ca	-2010 Camp	r- 2010 Can	r-2010 Cam
									SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11		SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12
									380	300	350	410	370	410	340	170	380	390	350	420	420	370	380	400	320	370	260	380	360	270	410	240	460	590	370	250	380	310	380	320
									0.014	0.052	0.018	0.018	0.023	0.048	0.004	0.016	0.015	0.03	0.078	0.03472	0.0412	0.03348	0.08796	0.06283	0.03563	0.05561	0.02451	0.0504	0.03128	0.01049	0.02708	0.02491	0.026	0.011	0.032	0.016	0.049	0.047	0.035	0.027
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		360	350	380	300	350	330	420	250	460	430	400	250	390	280	385	320	260	200	330	230	0.2	DNS	DNS	DNS	DNS	360	540	350	260	310	320	330
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.03859	0.073	0.05219	0.05097	0.032	0.01515	0.0395	0.035	0.0234	0.036	0.022	0.023	0.032	0.045	0.017	0.036	0.052	0.061	0.059	0.053	0.00047	DNS	DNS	DNS	DNS	0.042	0.013	0.011		0.015	0.013	0.117
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	0.04596	0.2689	0.0245	0.2682	0.065	0.02562	0.1396	0.1511	0.264	0.933	0.4	0.146	0.726	0.391	0.102	0.169	0.246	0.274	0.824	0.955	0.00112	DNS	DNS	DNS	DNS	0.051	0.031	0.027	0.076	0.06	0.028	0.046
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS	DNS	DNS	DNS	3	1	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	0.00085	DNS	DNS	DNS	DNS	0.002	0.003	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.7997	0.01821	0.1446	0.1182	1.111	0.172	0.5965	0.1585	0.3846	0.0525	0.1649	0.2222	0.2071	0.4501	0.1343	0.2029	0.1117	0.1497	0.0986	0.0922	0.00219	DNS	DNS	DNS	DNS	0.0752	0.039	0.0541	0.0282	0.0339	0.0327	0.0366
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00005	0.00016	0.00029	0.00005			0.0008	0.0004		0.0002		0.0002	0.0002	0.00025	0.00025	0.00008	0.00001	0.00082	0.00001	0.00074	0.00146	DNS	DNS	DNS	DNS	0.0001	0.00008	0.00002	0.00023	0.00008	0.00007	0.00009
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.43	DNS	DNS	DNS	DNS	0	0	0	0	0	0	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.43	DNS	DNS	DNS	DNS	0	0	0	0	0	0	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.05	0.16	0.29	0.05	0	0	0.8	0.4	0	0.2	0	0.16	0.16	0.25	0.25	0.08	0.01	0.82	0.01	0.74	1.44	DNS	DNS	DNS	DNS	0.1	0.08	0.02	0.23	0.08	0.07	0.09
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.07	0.21	0.37	0.06	0	0	1.1	0.5	0	0.2	0	0.2	0.2	0.32	0.32	0.1	0.01	1.06	0.01	0.95	1.44	DNS	DNS	DNS	DNS	0.13	0.1	0.03	0.3	0.1	0.09	0.12
BOD	mg/l		No WSV	592	0	130	0		0	0	0	0	0	0	23	12	5	12	2	2	0	9	12	5	2	2	11	21	1.16	DNS	DNS	DNS	DNS	6	0	0	4	9	5	6
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	1160.762	350.751	233.681	240.075	1960.597	315.565	915	349.3	678	111	2117	376	394	753	247	346	219	93	185	183	2.12	DNS	DNS	DNS	DNS	53	69	64	47	43	52	58
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	13.934	13.26	19.144	16.712	8.957	28.465	24.2	18.8	23.1	30	0	13	13	11	18	11	15	29	20	16	0.48	DNS	DNS	DNS	DNS	48	63	48	61	44	53	45
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	0	0	1.4	0	0	0	0	0	0	0	0	0	0	4.16	DNS	DNS	DNS	DNS	0	0	0	0	0	0	0.07
Suspended Solids	mg/l		No WSV	592	0	6378	0		6	14	6	9	14	12	28	16	22	8	42	16	44	12	7	12	32	30	5	39	1.41	DNS	DNS	DNS	DNS	54	30	97	800	42	1818	16
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		892.0431	494	513	422.7254	1077	476	808	531	631	214	1256	422	192	221	177	584	418	388	407	319	1.36	DNS	DNS	DNS	DNS	599	623	610	318	339	474	430
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		595	329	342	282	718	317	538.7	354	420.7	142.7	837	281	128	147	118	389	279	259	272	212	1.36	DNS	DNS	DNS	DNS	399	415	407	212	226	316	287
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		384.05	0	0	0	0	0	0	0	0	0	20	25	15	0	13	45	10	10	10	20	3.85	DNS	DNS	DNS	DNS	0	0	0	0	0	0	0

Assessment Criteria :		*Coastal and Estuarine EQS*			
CaCO (mg/l):	0.00	**pH**	0.00		
Calcium (mg/l):	0.00	**DOC (mg/l)**	0.00	**Catchment area:**	**Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	2011 Campa	011 Campa	011 Campa	011 Campa	011 Campai	011 Campa	011 Campa	012 Campai	012 Campa	012 Campai	012 Campai	012 Campa	2012 Campa	012 Campa	2012 Camp	er 2012 Can	2012 Camp	er 2012 Can	er 2012 Can	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Cam	er- 2010 Ca	-2010 Cam	r- 2010 Ca	r-2010 Cam
									SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11	SW11		SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12
									380	300	350	410	370	410	340	170	380	390	350	420	420	370	380	400	320	370	260	380	360	270	410	240	460	590	370	250	380	310	380	320
									0.014	0.052	0.018	0.018	0.023	0.048	0.004	0.016	0.015	0.03	0.078	0.03472	0.0412	0.03348	0.08796	0.06283	0.03563	0.05561	0.02451	0.0504	0.03128	0.01049	0.02708	0.02491	0.026	0.011	0.032	0.016	0.049	0.047	0.035	0.027
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.1	7.42	7.45	7.12	6.97	5.71	7.3	7.5	7.5	7.2	7.5	7.6	7.7	6.9	6.6	8	6.88	7.1	6.5	6.5	0.08	DNS	DNS	DNS	DNS	7.7	7.8	7.9	6.4	7.1	7.8	7.3
Temperature	oC		No WSV	592	0.00028	20.3	0		0.0123	0.0168	0.0185	0.01471	0.01442	0.0117	0.0101	0.003	0.0004	0.0069	0.00977	0.0117	0.016	0.0144	0.0135	0.0129	0.0122	0.0078	0.0083	0.007	0.00044	DNS	DNS	DNS	DNS	0.01051	0.0135	0.01357	0.01614	0.01422	0.0115	0.0044
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		66.3	DNS	91.2	67.4	64.3	67.2	56	54.2	62	48.3	91.4	77.5	74.2	39.1	29.2	50.7	43.3	23	18.7	30.9	0.39	DNS	DNS	DNS	DNS	81.5	21.3	63.7	65.2	65.9	67.4	70.5
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.7337	2.443	0.7423	1.177	0.73	1.141	1.3	0.9	0.8	0.9	0.655	0.53	0.9	2.48	0.87	0.96	1.81	0.54	1.15	0.44	0.63	DNS	DNS	DNS	DNS	0.12	0.09	0.17	0.4	0.2	0.22	0.37
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.4304	0.6173	0.6762	0.8127	0.34	0.8038	1.1	0.4	0.5	0.5	0.391	0.23	0.4	1.29	0.54	0.68	0.69	0.02	0.55	0.26	0.65	DNS	DNS	DNS	DNS	0.04	0.05	0.08	0.29	0.1	0.1	0.03
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November- 2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	2.621	0	0	0	0	0	0	5.9	0	10	0	0	0	0	0	5	5	9	10	0	1.29	DNS	DNS	DNS	DNS	0	0	0	3	7	2	8
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		14.5	13.64	0	20.85	49.37	11.14	50.3	29.3	136.1	234	88	97	17	0	0	10	16	63	130	189	1.26	DNS	DNS	DNS	DNS	0	0	0	96	123	0	29
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0.005314	0.008935	0.008631		0.0232		0.0094	0.0124		0.019	0.009	0.008	0.009	0.006	0.005	0.008	0.007	0.016	0.02	0.007	0.00085	DNS	DNS	DNS	DNS			0.002		0.005	0.004	0.061
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS		0.002	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS			DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.223772	0.107782	0.08745	0.086307	0.30739	0.11017	0.1971	0.0805	0.1459	0.053	0.296	0.076	0.108	0.145	0.087	0.095	0.08	0.263	0.076	0.07	0.00174	DNS	DNS	DNS	DNS	0.079	0.092	0.076	0.053	0.05	0.081	0.061
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.009933	0.009359	0.00386	0.012616	0.009948	0.010062	0.0085	0.0152	0.012	0.0157	0.0089	0.0182	0.0085	0.0144	0.0324	0.0072	0.0101	0.0061	0.0017	0.0134	0.00053	DNS	DNS	DNS	DNS	0.0117	0.005	0.0044	0.0082	0.0138	0.0061	0.0088
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																																	

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campai	011 Campa	011 Campa	012 Campai	012 Campa	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Car	r 2012 Can	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa
									SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12		SW13	SW13	SW13	SW13	SW13	SW13
									220	200	600	260	220	351.6	91.8	170	600	216	232	370	420	486	592.8	0.26	280	190	350	360	350	460	370	330	360	410	390	360	420	410	360	350
									0.059	0.051	0.076	0.034	0.053	0.0365	0.0201	0.004	0.088	0.01055	0.0146	0.03348	0.06063	0.076704	0.080789	0.00055	0.023	0.048	0.008	0.045	0.025	0.035	0.032	0.037	0.033	0.023	0.049	0.0322	0.06847	0.04238	0.05648	0.0549
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		450	410	360	370	Dry	450	140	260	370	390	270	320	320	470	430	480	340	400	300	390	320	340	230	380	240	0.23	DNS	DNS	DNS	DNS	100	275
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.01103	0.03292	0.02683	0.1197	Dry	0.04674	0.05482	0.03721	0.04661	0.032995	0.02127	0.025	0.029	0.012	0.036	0.036	0.021	0.043	0.06	0.032	0.023	0.055	0.037	0.065	0.041	0.0007	DNS	DNS	DNS	DNS	0.021	0.016
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	0.02373	0.04195	0.03053	0.03997	Dry	0.9498	0.2063	0.01948	0.217	0.01844		0.047	0.023	0.028	0.933	0.882	0.086	0.148	0.138	0.136	0.14	0.148	0.121	0.719	0.306	0.00151	DNS	DNS	DNS	DNS	0.988	0.524
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	0.71	DNS	DNS	DNS	DNS	1	0
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	0.00028	DNS	DNS	DNS	DNS	0.003	
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.03093	0.003063	0.04335	0.03215	Dry	0.03152	0.0316	0.03462	0.02542	0.030925	0.03154	0.036	0.038	0.0317	0.05245	0.0062	0.0304	0.0293	0.0376	0.0327	0.038	0.0308	0.0327	0.0211	0.0447	0.00037	DNS	DNS	DNS	DNS	0.104	0.1008
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00008	0.00009			Dry	0.00001			0.00004					0.00025	0.00016					0.00016	0.00025	0.00025	0.00001	0.00001		0.00139	DNS	DNS	DNS	DNS	0.00013	0.00011
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.69	DNS	DNS	DNS	DNS	0	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.69	DNS	DNS	DNS	DNS	0	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.08	0.08	0	0	Dry	0.01	0	0	0.04	0	0	0	0.41	0.25	0.16	0	0	0	0	0.16	0.24	0.25	0.01	0.01	0	1.39	DNS	DNS	DNS	DNS	0.13	0.11
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.11	0.11	0	0	Dry	0.02	0	0	0.05	0	0	0	0.53	0.32	0.2	0	0	0	0	0.21	0.3	0.32	0.01	0.01	0	1.39	DNS	DNS	DNS	DNS	0.17	0.14
BOD	mg/l		No WSV	592	0	130	0		3	11.6	0	0	Dry	0	0	3	0	19	0	7	0	4	12	3	5	0	6	19	2	2	13	12	19	1.07	DNS	DNS	DNS	DNS	0	3
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	51.661	58.407	57.731	56.005	Dry	48.972	54.82	51.43	48.141	53.7555	57.706	60.319	59.06	58	111	55	56	54	56	58	61	60	90	40	75	0.24	DNS	DNS	DNS	DNS	194	170
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	31.628	32.665	55.321	58.411	Dry	0	50.282	36.342	43.249	31.623	60.808	37.112	45.052	57	30	33	47	45	43	44	42	46	35	25	51	0.31	DNS	DNS	DNS	DNS	0	0
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	Dry	0	0	0	0	1.288	0	0	0	0	1.36	0	0	0	0	0	0	0	0	0	0	3.71	DNS	DNS	DNS	DNS	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		2642	794	16	10	Dry	3624	136	78	23	83	14	8	18	14	8	10	62	0	12	24	8	14	16	34	30	2.49	DNS	DNS	DNS	DNS	24	0
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		435.9175	29.99751	507.018	422.339	Dry	472.6792	496.4033	474	420.1142	418	451	480	454	393	214	67	448	174	187	179	535	465	415	380	445	0.37	DNS	DNS	DNS	DNS	151	137
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		291	20	338	282	Dry	315	331	316	280	279	301	320	303	262	143	45	299	116	125	120	357	310	277	254	297	0.37	DNS	DNS	DNS	DNS	101	91
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		0	0	0	0	Dry	137.187	0	0	0	0	0	0	0	0	0	0	0	11	0	0	14	10	10	10	0	3.42	DNS	DNS	DNS	DNS	0	0

Assessment Criteria : **Coastal and Estuarine EQS**

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;
Temperature	oC		No WSV	592	0.00028	20.3	0	
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0	
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0	
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0	
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0	
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0	
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0	

Constituents	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	2012 Camp	2012 Can	2012 Camp	2012 Cam	2012 Can	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa
	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12	SW12		SW13	SW13	SW13	SW13	SW13	SW13
	220	200	600	260	220	351.6	91.8	170	600	216	232	370	420	486	592.8	0.26	280	190	350	360	350	460	370	330	360	410	390	360	420	410	360	350
	0.059	0.051	0.076	0.034	0.053	0.0365	0.0201	0.004	0.088	0.01055	0.0146	0.03348	0.06063	0.076704	0.080789	0.00055	0.023	0.048	0.008	0.045	0.025	0.035	0.032	0.037	0.033	0.023	0.049	0.0322	0.06847	0.04238	0.05648	0.0549
pH	7.2	8.4	7.8	7.52	Dry	6.6	7.65	7.1	6.69	6.76	6.95	6.05	7.5	7.4	7.2	7.3	7.6	7.6	7.4	7.6	7.7	7	7.5	7.6	7.3	0.07	DNS	DNS	DNS	DNS	7.1	7.4
Temperature	0.0086	0.00743	0.00687	0.01097	Dry	0.0115	0.01662	0.0137	0.01211	0.01296	0.01212	0.01038	0.00696	0.0054	0.0071	0.00817	0.0129	0.0124	0.0132	0.0121	0.0132	0.0124	0.0096	0.0087	0.0096	0.00028	DNS	DNS	DNS	DNS	0.01279	0.0172
Dissolved Oxygen	43.8	38.8	49.7	76.4	Dry	59.2	54.2	49.3	53.3	73.8	71.4	64.2	61	73.3	70	64.1	45.5	52.7	57.5	41	53.6	56.6	62.8	56.5	55.8	0.21	DNS	DNS	DNS	DNS	53.7	36.5
Total Phosphorus	0.332	0.1596	0.4809	0.4146	Dry	0.8573	0.2523	0.1592	0.2469	1.116	0.173	0.1478	0.1241	0.3	0.87	0.456	0.34	0.5	0.44	0.37	0.37	0.31	0.07	0.49	0.11	0.69	DNS	DNS	DNS	DNS	0.17	0.1
Soluble ReactivePhosphorus	0.0628	0.09604	0.2085	0.2	Dry	0.4502	0.072	0.07232	0.04245	0.563	0.07401	0.06871	0.1024	0.09	0.51	0.116	0.11	0.2	0.08	0.13	0.13	0.09	0.02	0.09	0.08	0.96	DNS	DNS	DNS	DNS	0.1	0.05
Dissolved Copper	1.061	8.948	5.186	5.557	Dry	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	5	5	8	10	0	1.34	DNS	DNS	DNS	DNS	0	0
Dissolved Iron	23.19	51.67	0	21	Dry	558.3	0	0	0	0	0	33.7	0	<10	234	8	33	0	0	0	10	10	10	76	18	2.31	DNS	DNS	DNS	DNS	25	190
Dissolved Zinc	0.005445	0.02017	0.009632	0.039	Dry		0.01577	0.005723		0.020926		0.01103	0.009087		0.019	0.009	0.006	0.007	0.008		0.009	0.005	0.011	0.013	0.006	0.00129	DNS	DNS	DNS	DNS		
Dissolved Cadmium	DNS	DNS	DNS	DNS	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS		
Dissolved Mercury	DNS	DNS	DNS	DNS	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS		
Dissolved Nickel	DNS	DNS	DNS	DNS	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	0.00141	DNS	DNS	DNS	DNS		
Dissolved Lead	DNS	DNS	DNS	DNS	Dry	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS		
Sulphate	0.080086	0.083585	0.082548	0.085361	Dry	0.066953	0.084311	0.069731	0.079267	0.082824	0.089225	0.087087	0.080234	0.09	0.053	0.061	0.079	0.08	0.084	0.084	0.085	0.086	0.057	0.05	0.087	0.0002	DNS	DNS	DNS	DNS	0.018	0.014
Dissolved Organic Carbon	0.007392	0.012211	0.00999	0.009749	Dry	0.009035	0.00657	0.01038	0.00778	0.012363	0.00847	0.0084	0.01005	0.01135	0.0157	0.0083	0.0117	0.007	0.0097	0.0342	0.0055	0.0075	0.0038	0.0008	0.0127	0.00058	DNS	DNS	DNS	DNS	0.0168	0.0066
Acid Neutralising Capacity																																

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	-2010 Cam	er- 2010 Ca	-2010 Cam	r- 2010 Ca	r-2010 Cam	2011 Cam	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Can	r 2012 Can	2013 Camp	010 Campa	010 Campa
									SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13		SW14
									400	DNS	370	310	380	360	420	300	450	500	380	270	410	220	380	310	290	180	300	260	190	345.3	75.8	180	500	190	240	360	420	452.5	472	0.22
									0.04266	DNS	0.0284	0.04789	0.026	0.01442	0.05506	0.0283	0.026	0.048	0.046	0.031	0.033	0.048	0.023	0.036	0.101	0.055	0.057	0.063	0.043	0.0407	0.0173	0.008	0.101	0.02086	0.02322	0.03969	0.05672	0.06409	0.078259	0.00042
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		105	105	120	150	270	150	130	220	120	180	150	80	150	110	100	115	170	70	150	500	350	100	95	90	110	70	60	130	170	160	0.58	DNS
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.007	0.007	0.02	0.05	0.065	0.0236	0.08352	0.03946	0.1535	0.09449	0.06904	0.05227	0.03947	0.05565	0.03294	0.010776	0.03032	0.032645	0.021	0.021	0.024	0.037	0.032	0.042	0.027	0.039	0.149	0.054	0.071	0.055	0.00074	DNS
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	0.9	1.318	7.625	3.93	7.022	3.717	4.997	4.287	0.4083	1.377	1.792	1.313	0.3011	2.414	0.84	0.72	3.121	1.4165	4.214	0.394	2.571	3.392	6.257	4.716	2.934	0.357	1.232	4.964	8.725	3.268	0.00078	DNS
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	0.0324	0.05185	0.0609	0.0502	0.0525	0.06068	0.1522	0.09243	0.1113	0.1104	0.1133	0.06392	63.65	37.64	40.22	33.735	36.59	45.58	56.5	21.08	71.8	57.1	111.2	93.4	94.5	61.4	43.9	44.6	42.2	48.7	0.45	DNS
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.00012	0.00029	0.00025	0.00018	0.00037	0.00095	0.00021	0.00058	0.00049	0.00046	0.00001	0.00016	0.00016	0.00025		0.00124	0.00041	0.00033	0.00124	0.00016		0.0004	0.0001	0.00008		0.0004	0.0002	0.0012	8.2	0	2.45	DNS
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0.02	0	0	0	0	0	0	0	0	0	0.03	0.01	0.03	0.18	0	3.66	DNS
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0.02	0	0	0	0	0	0	0	0	0	0.03	0.01	0.04	0.22	0	3.66	DNS
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.12	0.28	0.25	0.18	0.37	0.95	0.21	0.58	0.49	0.45	0.01	0.16	0.16	0.25	0	1.22	0.41	0.33	1.23	0.16	0	0.41	0.12	0.08	0	0.38	0.24	1.21	8.05	0	2.44	DNS
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.15	0.36	0.32	0.23	0.48	1.22	0.27	0.74	0.63	0.58	0.01	0.21	0.21	0.32	0	1.57	0.53	0.42	1.59	0.2	0	0.5	0.2	0.11	0	0.5	0.3	1.6	10.6	0	2.46	DNS
BOD	mg/l		No WSV	592	0	130	0		0	0	5	0	10	0	7	1.6	0	0	0	6	0	0	0	0	56	7	8	9	3	5	3	9	11	2	2	2	9	54	1.88	DNS
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	110	69.5	114	72	112	122.202	146.196	152.301	203.214	227.177	197.38	127.172	96.12	67.306	64.246	57.735	62.906	57.409	103	26	143	108	207	160	172	102	83	35	95	89	0.45	DNS
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	0	0	0	0	0	1.395	0	0	0	0	0	0	73.2	0	0	0	0	0	5	5	8	8	0	4.17	DNS
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.07	0	0	0	0	0	0	0	0	0	0	4.99	DNS
Suspended Solids	mg/l		No WSV	592	0	6378	0		24	61	84	56	14	66	64	36	8	146	68	0	60	99	0	37	8	15	8	92	6	22	0	10	19	8	20	10	38	18	1	DNS
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		57	120	730	723	121	122.4815	265.232	149.4429	162.4018	146.8056	150.2959	108	114	96.34593	108	107	92	161	130	363	120	112	53	43	42	112	97	94	113	92	0.98	DNS
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		38	80	487	482	81	82	177	100	108	98	100	72	76	64	72	71	61	107	87	242	80	75	36	29	28	75	65	63	75	61	0.98	DNS
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		0	0	0	0	0	0	0	505.5868	0	0	99.271	0	0	0	0	0	0	0	0	0	0	308	50	0	20	10	10	10	325	32	2.55	DNS

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	-2010 Camp	er- 2010 Ca	-2010 Camp	r- 2010 Ca	r-2010 Cam	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	2011 Campa	011 Campa	011 Campa	011 Campa	011 Campai	011 Campa	011 Campa	012 Campai	012 Campa	012 Campa	012 Campai	012 Campa	2012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Cam	r 2012 Cam	2013 Camp	2010 Campa	2010 Campa
									SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13	SW13		SW14
									400	DNS	370	310	380	360	420	300	450	500	380	270	410	220	380	310	290	180	300	260	190	345.3	75.8	180	500	190	240	360	420	452.5	472	0.22
									0.04266	DNS	0.0284	0.04789	0.026	0.01442	0.05506	0.0283	0.026	0.048	0.046	0.031	0.033	0.048	0.023	0.036	0.101	0.055	0.057	0.063	0.043	0.0407	0.0173	0.008	0.101	0.02086	0.02322	0.03969	0.05672	0.06409	0.078259	0.00042
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.9	7.6	7.1	7.7	7	6.9	5.9	6.7	6.78	7.84	6.4	6.92	7.1	6.09	6.59	7.79	6.48	7.7	6.7	7.6	6.9	6.6	7.2	7.7	8	8.4	8.1	8.2	8.2	8	0.09	DNS
Temperature	oC		No WSV	592	0.00028	20.3	0		0.01885	0.01531	0.01407	0.0106	0.0027	0.0032	0.00166	0.00399	0.0089	0.0114	0.0161	0.0168	0.0188	0.01483	0.01511	0.01107	0.01008	0.00263	0.0017	0.0051	0.0087	0.01	0.0152	0.0188	0.0146	0.0154	0.0129	0.0075	6.6	7.4	0.5	DNS
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		28.5	36.2	22.7	22.5	19.6	13.9	12.7	26.6	76.1	61.1	39	DNS	67.7	26.9	47.2	35.5	37.4	30.2	32.9	33.8	41.9	135.5	26.1	46.5	23.9	44.9	34.8	18.8	18.8	27.6	0.62	DNS
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.33	0.24	0.53	0.42	1.02	0.9586	0.6529	0.8639	0.1424	0.2362	0.3642	0.3711	0.1081	0.4626	0.3116	0.18365	1.021	0.3974	0.78	0.53	0.447	0.74	1	1.01	0.48	0.22	0.52	0.41	1.42	0.98	0.61	DNS
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.08	0.25	0.43	0.44	0.71	0.4886	0.5186	0.2275	0.03	0.06857	0.1501	0.09185	0.0613	0.1867	0.06637	0.18125	0.601	0.168	0.46	0.03	0.127	0.38	0.5	0.29	0.23	0.05	0.03	0.03	0.31	0.69	0.81	DNS
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November- 2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	0	0	2	0	3	1.162	30.1	3.906	13.87	0	1.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	7	13	0	2.34	DNS
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		149	1125.5	4690	3394	5904	2325	4205	717.4	317	834.3	1006	592.5	216.1	1899	460.9	579.35	2611	712.7	3065	155	967	2340	3932	2540	2170	46	113	2392	2745	2532	0.88	DNS
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5			0.006	0.008	0.013	0.007464	0.07114	0.01554	0.09766	0.01439		0.006851			0.009351	0.006335		0.008336		0.02	0.007	0.019	0.008	0.009		0.006	0.005	0.017	29	19	1.58	DNS
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	0.003	0.005	0.012	0.007	0.009	0.008505	0.014845	0.012315	0.014497	0.015042	0.004029	0.005247	0.006402			0.005177	0.005921	0.00677	0.008	0.054	0.008	0.018	0.009	0.007	0.01	0.017	0.025	0.087	14	13	1.17	DNS
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		0.0062	0.00425	0.0388	0.0158	0.0305	0.01771	0.034656	0.028225	0.017645	0.01206	0.015177	0.011808	0.010386	0.011726	0.01005	0.009999	0.0079	0.011741	0.02483	0.0152	0.0132	0.0323	0.016	0.0158	0.0366	0.0065	0.0096	0.0146	76.3	47.1	0.75	DNS
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																																	

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Cam	er- 2010 Ca	-2010 Camp	r- 2010 Ca	r-2010 Cam	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campai	011 Campa	011 Campa	012 Campai	012 Campa	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa	2012 Camp	er 2012 Can	2012 Camp
									SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14
									DNS	DNS	DNS	200	260	390	310	300	380	360	430	380	390	360	360	400	360	350	380	300	350	330	420	250	460	430	400	250	390	280	385	320
									DNS	DNS	DNS	0.067	0.042	0.025	0.007	0.017	0.019	0.025	0.049	0.02021	0.03882	0.04849	0.06328	0.05144	0.03859	0.073	0.05219	0.05097	0.032	0.01515	0.0395	0.035	0.0234	0.036	0.022	0.023	0.032	0.045	0.017	0.036
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		DNS	DNS	DNS	220	350	240	190	260	300	310	310	285	330	180	270	250	270	260	215	230	180	350	260	360	300	580	140	270	180	300	200	150
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	DNS	DNS	DNS	0.049	0.027	0.007	0.019	0.031	0.024	0.046	0.01196	0.02148	0.05406	0.2623	0.05832	0.04723	0.08391	0.04674	0.062155	0.05074	0.02506	0.02281	0.03898	0.02	0.035	0.053	0.022	0.038	0.054	0.028	0.047	0.086
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September- 2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	DNS	DNS	DNS	1.093	2.108	0.143	1.083	13.89	23.94	4.46	2.294	8.092	2.17	0.7937	0.6674	1.807	1.391	14.51	9.7565	6.015	4.698	3.23	4.059	2.124	5.029	1.597	1.808	0.611	2.02	6.645	7.189	13.48
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	2	1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	2	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	DNS	DNS	DNS	44.2	45.3	50.1	34.7	57.8	28	80	68.64	63.22	80.52	57.81	50.42	60.18	49.95	51.84	31.8	37.54	32.86	54.45	39.94	73.7	52.32	89.1	102.4	73.2	62.5	92.2	69	44.6
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		DNS	DNS	DNS	0.37	0.46	1.55	0.94	2.1	1.28	3.1	4.22	3.16	0.7	0.54	2.65	1.41	1.32	4.12	6.77	0	7.41	3.71	2.47	1.65	0.82	0	2	0.1	8.24	7.82	3.29	7.41
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		DNS	DNS	DNS	0	0.01	0.05	0	0.01	0.01	0.01	0.01	0.02	0	0	0.02	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0.09	0.05	0.06	0.06
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		DNS	DNS	DNS	0	0.01	0.06	0	0.01	0.01	0.01	0.01	0.02	0	0	0.02	0	0.01	0.01	0	0	0.01	0	0.01	0	0	0	0	0	0.11	0.06	0.08	0.07
Ammonium as N	mg/l		No WSV	592	0	39.24	0		DNS	DNS	DNS	0.37	0.45	1.5	0.94	2.09	1.27	3.09	4.21	3.14	0.7	0.54	2.64	1.41	1.31	4.11	6.77	0	7.41	3.7	2.47	1.64	0.82	0	1.97	0.08	8.15	7.77	3.23	7.35
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		DNS	DNS	DNS	0.47	0.58	1.93	1.21	2.69	1.63	3.97	5.41	4.04	0.9	0.69	3.39	1.81	1.69	5.29	8.7	0	9.52	4.76	3.18	2.12	1	0	2.5	0.1	10.59	10.06	4	9.53
BOD	mg/l		No WSV	592	0	130	0		DNS	DNS	DNS	5	4	12	3	24	52	20	36	30	3	0	3.4	0	0	58	92.7	120	53.61429	19	42	5	4	8	3	2	16	9	10	62
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	DNS	DNS	DNS	83	81	78	48	98	109	148.969	123.4845	118.597	113.869	103.136	110.804	104.443	94.953	67.5215		73.005	74.338	101.579	83.508	127	89	119	189	153	111	188	121	86
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	DNS	DNS	DNS	0	0	0	0	0	0	0	0	0	1.641	0	2.018	0	0	0	1.5015	0	0	0	0	0	0	0	0	0	0	0	5	5
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	DNS	DNS	DNS	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		DNS	DNS	DNS	8	0	17	358	174	442	26	504	339	26	26	0	52	22	1298	558	212	92	106	24	16	96	6	46	14	20	470	40	26
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		DNS	DNS	DNS	218	271	301	178	251	479	343	275.4318	263.2159	272.2599	215.4293	190.7347	277.7088	229	231	196.3109	235	271	295	261	312	122	308	261	100	86	121	283	206
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		DNS	DNS	DNS	145	181	201	119	167	319	229	184	175	182	144	127	185	153	154	131	157	181	197	174	208	81	205	174	67	58	81	189	137
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		DNS	DNS	DNS	0	0	0	0	0	0	0	288.8536	0	342.9258	0	0	146.039	0	12.36522	2332.223	0	0	1097	0	0	104	0	0	39	0	388	10	296

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Cam	er- 2010 Ca	-2010 Cam	r- 2010 Ca	er-2010 Can	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa	2012 Camp	er 2012 Can	2012 Camp
									SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14	SW14
									DNS	DNS	DNS	200	260	390	310	300	380	360	430	380	390	360	360	400	360	350	380	300	350	330	420	250	460	430	400	250	390	280	385	320
									DNS	DNS	DNS	0.067	0.042	0.025	0.007	0.017	0.019	0.025	0.049	0.02021	0.03882	0.04849	0.06328	0.05144	0.03859	0.073	0.05219	0.05097	0.032	0.01515	0.0395	0.035	0.0234	0.036	0.022	0.023	0.032	0.045	0.017	0.036
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	DNS	DNS	DNS	7.5	7.7	8	6	7.3	7.5	7.5	7.1	7.7	7.29	7.18	7.5	6.5	7.09	6.72	6.37	6.56	6.45	6.45	7.2	7.2	6.5	7	7	7.6	7.6	7.4	7.9	7.6
Temperature	oC		No WSV	592	0.00028	20.3	0		DNS	DNS	DNS	11.03	17.1	17.48	16.16	12.15	12	1.7	3.6	1.96	4.14	8.8	9.8	12.3	16.57	17.2	13.81	15.99	11.15	10	3.08	0.8	5.1	8.36	10.1	14	15.1	15	13.9	11.3
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		DNS	DNS	DNS	11.6	18.5	14.6	20	6.7	5.2	12.2	17	21.1	37.1	63.6	43.8	14.3	58.5	7.1	11.7	60.1	33.4	50.3	20.2	33.4	48.7	84.4	75.5	39.1	24.6	10.3	27.5	12.4
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		DNS	DNS	DNS	0.23	0.27	0.1	0.18	0.98	1.19	0.69	2.348	1.664	2.063	0.2844	0.7278	0.872	1.087	2.644	1.30415	0.3687	0.675	0.3407	1.042	0.77	0.86	0.471	0.47	0.6	1.54	2.59	0.98	8.44
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		DNS	DNS	DNS	0.15	0.22	0.11	0.16	0.89	1.5	0.39	1.839	1.3645	0.7375	0.11	0.1534	0.4399	0.1145	0.5431	1.02575	0.1092	0.439	0.1566	0.2506	0.32	0.49	0.103	0.14	0.3	0.31	1.43	0.14	0.18
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November- 2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	DNS	DNS	DNS	0	0	0	0	2	0	1	0	1	0	13.74	5.15	0	0	0	0	0	0	0	5.721	0	0	6.3	0	0	0	0	5	5
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		DNS	DNS	DNS	77	1861	24	847	10890	21780	2942	1925	6407.5	505.7	543.3	334	967.8	306.5	6475	7898	4860	3018	2473	327.3	1078	556	130	854	202	719	4422	1890	4081
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	DNS	DNS	DNS	0	0	0	0	4	17	4	4.289	4.1445	7.558	237.8	34.24	0	10.34	15.35	13.502	16.05	0	7.553	11.58	0	16	33	9	16	7	5	11	5
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	DNS	DNS	DNS	12	12	2	12	5	2	160	10.942	7.971	30.029	32.615	12.712	0	7.231	0	5.385	0	0	9.332	6.03	10	16	19	36	16	0	6	5	5
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		DNS	DNS	DNS	41.6	34.1	33	18.7	47.5	44.9	21.7	21.392	34.446	26.165	22.937	26.997	40.543	34.394	7.685714	92.777	139.56	46.547	12.3	34.992	27.29	36.1	25.6	46.3	28.9	26.1	78.7	26	76.8
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																																

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	r 2012 Can	r 2012 Can	2013 Camp	010 Campa	010 Campa	010 Campa	010 Campa	010 Campa	010 Camp	010 Campa	-2010 Cam	r- 2010 Ca	-2010 Camp	r- 2010 Car	r-2010 Can	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa
									SW14	SW14	SW14		SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15
									260	200	330	230	250	336.6	68.9	200	460	219.5	250	355	414	430	440.2	0.2	DNS	DNS	DNS	DNS	360	540	350	260	310	320	330	450	410	360	370	Dry
									0.052	0.061	0.059	0.053	0.089	0.0399	0.0187	0.007	0.089	0.01635	0.01774	0.038705	0.06245	0.0691	0.078501	0.00047	DNS	DNS	DNS	DNS	0.042	0.013	0.011		0.015	0.013	0.117	0.01103	0.03292	0.02683	0.1197	Dry
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		240	420	200	0.34	DNS	DNS	DNS	DNS	290	370	300	310	360	330	360	320	260	270	320	360	325	310	260	DNS	240	340	360	350	440	350	270	190
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.051	0.14	0.036	0.00092	DNS	DNS	DNS	DNS	0.129	0.012	0.008	0.003	0.018	0.021	0.028	0.03869	0.15452	0.02607	0.1613	0.06287	0.038	0.09586	0.033625	DNS	0.03362	0.01162	0.02099	0.0282	0.018	0.016	0.02	0.029
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	1.265	18.42	3.378	0.00107	DNS	DNS	DNS	DNS	0.044	1.239	0.0105	0.031	0.41	0.752	0.189	0.07473	0.1109	0.04047	0.06641	0.2206	0.6105	0.2327	0.54095	DNS	0.3724	0.01564	0.1253	0.08133	0.118	0.976	0.249	0.345
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	0.47	DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	1.41	DNS	DNS	DNS	DNS	1	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	118.8	86.8	89.4	0.35	DNS	DNS	DNS	DNS	31.2	32.7	23.5	37.9	41.2	2396	39.4	34.74	56.68	45.38	46.9	41.53	704.2	31.83	32.63	DNS	32.82	51.82	44.19	60.34	55.8	75.51	51.2	48.9
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.01	8.24	2.47	0.96	DNS	DNS	DNS	DNS	0.36	0.23	0.17	0.59	0.06	0.08	0.03	0.11	0.05	1.48	1.61	0.46	0.57	0.16	0.35	DNS	0	0.08	0.16	0	0	0.33	0	0.2
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0.07	0.01	1.56	DNS	DNS	DNS	DNS	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	DNS	0	0	0	0	0	0	0	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0.09	0.01	1.56	DNS	DNS	DNS	DNS	0.01	0	0	0	0	0	0	0	0	0.01	0.01	0.01	0	0	0	DNS	0	0	0	0	0	0	0	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.01	8.16	2.46	0.96	DNS	DNS	DNS	DNS	0.36	0.23	0.17	0.59	0.06	0.08	0.03	0.11	0.05	1.48	1.6	0.45	0.57	0.16	0.35	DNS	0	0.08	0.16	0	0	0.33	0	0.16
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.01	10.59	3.18	0.97	DNS	DNS	DNS	DNS	0.46	0.29	0.21	0.76	0.08	0.1	0.04	0.14	0.06	1.9	2.06	0.58	0.73	0.21	0.45	DNS	0	0.11	0.21	0	0	0.4	0	0.2
BOD	mg/l		No WSV	592	0	130	0		2	17	24	1.28	DNS	DNS	DNS	DNS	0	8	0	7	24	6	16	3	10	0	0	0	0	3	0	DNS	24	0	9	48	8	7	9	5
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	24	196	190	0.37	DNS	DNS	DNS	DNS	69	73	73	63	72	2510	77	130.664	90.581	80.721	111.724	89.257	2661	80.048	69.5135	DNS	66.572	105.625	102.45	107.76	90	106	91	102
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	12	10	0	2.53	DNS	DNS	DNS	DNS	0	0	22	5	10	19	25	39.144	53.688	49.42	33.898	0	21	0	0	DNS	0	36.344	0	19.525	42	0	0	30
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	2.45	DNS	DNS	DNS	DNS	1.3	0	0	0	0	0	0.11	0	0	0	0	0	0	0	0	DNS	0	0	0	0	0	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		18	44	218	1.62	DNS	DNS	DNS	DNS	10	88	33	34	40	34	12	28	76	16	12	12	19	0	246	DNS	0	24	0	16	16	26	0	26
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		343	271	232	0.31	DNS	DNS	DNS	DNS	338	350	299	314	482	1184	439	381.9988	386.0663	319.7157	405.8214	337.8607	1391	306	316	DNS	313	426	344	472	507	240	420	293
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		229	181	155	0.31	DNS	DNS	DNS	DNS	225	233	199	209	321	789	293	255	257	213	271	225	927	204	211	DNS	209	284	229	315	338	160	280	195
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		10	10	37	2.87	DNS	DNS	DNS	DNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	DNS	0	0	0	0	0	0	23	34

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	r 2012 Cam	r 2012 Cam	2013 Camp	010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Cam	er- 2010 Ca	-2010 Camp	r- 2010 Car	r-2010 Cam	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	012 Campa	012 Campa	012 Campa	012 Campa	012 Campa
									SW14	SW14	SW14		SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15
									260	200	330	230	250	336.6	68.9	200	460	219.5	250	355	414	430	440.2	0.2	DNS	DNS	DNS	DNS	360	540	350	260	310	320	330	450	410	360	370	Dry
									0.052	0.061	0.059	0.053	0.089	0.0399	0.0187	0.007	0.089	0.01635	0.01774	0.038705	0.06245	0.0691	0.078501	0.00047	DNS	DNS	DNS	DNS	0.042	0.013	0.011		0.015	0.013	0.117	0.01103	0.03292	0.02683	0.1197	Dry
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.5	7.8	7.3	0.08	DNS	DNS	DNS	DNS	7.7	7.5	7.8	6.8	7.4	7.1	7.4	6.8	7.7	7.39	7.46	7.6	7	7.16	7.06	DNS	6.99	5.92	7.56	7.6	7.5	7	7.2	7.5
Temperature	oC		No WSV	592	0.00028	20.3	0		7.3	6.5	8.2	0.48	DNS	DNS	DNS	DNS	13.49	16.9	16.95	15.74	13.12	12.3	3	4.5	2.51	4.93	8.35	13.9	12.5	16.8	20.3	DNS	15.82	11.45	9.05	3.11	2.3	5.4	11.3	13.8
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		10.6	8	14.6	0.75	DNS	DNS	DNS	DNS	33.6	32.2	30.5	24.4	23.7	39.5	62.4	39.8	47.1	34.3	85.2	42.3	57.6	DNS	55.6	DNS	50.6	59.1	52.1	55.9	56.1	52.3	105.6	53.3
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.15	1.3	1.04	1.24	DNS	DNS	DNS	DNS	0.12	0.24	0.07	0.12	0.15	0.15	0.37	0.1867	0.1549	0.2079	0.1892	0.17	0.61	1.371	0.23225	DNS	0.2948	0.1636	0.2651	0.3298	0.36	0.28	0.186	0.37
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.02	0.16	0.21	1.07	DNS	DNS	DNS	DNS	0.05	0.17	0.04	0.12	0.08	0.06	0.07	0.07818	0.1204	0.05486	0.1	0.03155	0.33	0.14	0.074655	DNS	0.08136	0.07354	0.1127	0.09927	0.09	0.12	0.045	0.06
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	9	9	0	1.82	DNS	DNS	DNS	DNS	0	0	0	0	2	2	2	0	16.3	4.635	6.28	0	1.5	0	0	DNS	0	0	0	5.993	0	0	0	0
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		161	1027	1819	1.52	DNS	DNS	DNS	DNS	0	1001	0	22	17	30	79	16.98	63.61	0	8.12	130.1	147	18.84	422.985	DNS	16.51	0	64.52	0	32	88	17	165
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	13	17	8	2.49	DNS	DNS	DNS	DNS	0	0	0	0	0	7	4	9.184	124.3	8.478	122.6	13.31	7	8.795	5.07	DNS	12.67	0	0	11.36	0	18	7	9
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	193	48	51	1.78	DNS	DNS	DNS	DNS	53	35	76	63	109	379	90	74.958	56.119	52.431	77.069	40.279	349	19.534	18.271	DNS	19.854	103.048	28.6015	120.373	101	18	50	43
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		23.8	22.6	37	0.66	DNS	DNS	DNS	DNS	23.2	18.5	6.6	8.4	18.9	11.6	7.6	9.9449	18.308	16.25	16.271	16.133	12.65	17.2	4.44	DNS	15.047	11.516	5.9	14.741	13.58	28.9	15.4	28.2
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																																	

Assessment Criteria :	***Coastal and Estuarine EQS***				
CaCO (mg/l):	0.00	**pH**	0.00		
Calcium (mg/l):	0.00	**DOC (mg/l)**	0.00	**Catchment area:**	**Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Can	r 2012 Can	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Cam	er- 2010 Ca	-2010 Cam	r- 2010 Ca	r-2010 Can	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa
									SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15		SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16
									450	140	260	370	390	270	320	320	470	430	480	340	400	300	390	320	340	230	380	240	320	350.6	(+/-)	81.8	140	540	235.5	260	345	450	474.5	502.8
									0.04674	0.05482	0.03721	0.04661	0.032995	0.02127	0.025	0.029	0.012	0.036	0.036	0.021	0.043	0.06	0.032	0.023	0.055	0.037	0.065	0.041	0.062	0.0381	(+/-)	0.0267		0.12	0.01102	0.012316	0.034278	0.06178	0.088483	0.118026
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		320	320	280	250	230	220	650	190	0.28	DNS	DNS	DNS	DNS	270	560	310	310	410	350	370	360	340	420	310	320	360	300	220	300	300	310	400
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	0.044	0.035	0.03	0.036	0.063	0.041	0.052	0.041	0.00089	DNS	DNS	DNS	DNS	0.03	0.079	0.012	0.008	0.006	0.027	0.047	0.0175	0.05857	0.02287	0.2697	0.04516	0.03818	0.04078	0.05127	0.06134	0.03041	0.02591	0.03478
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September- 2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	0.495	0.108	0.091	0.37	0.171	0.302	0.623	0.433	0.00097	DNS	DNS	DNS	DNS		1.744	0.021	0.042	0.035	0.057	0.111	0.02764	0.05403	0.05248	0.3537	0.05303	0.4809		0.02653	0.3459	0.04271		0.1051
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS	1	3	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS	DNS	DNS	DNS	0	16	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	42.5	45.3	37.7	35.9	28.9	35.4	31.8	49	3.16	DNS	DNS	DNS	DNS	34.9	34.6	33.8	37.3	46	1713	37.1	33.47	46.32	37.5	38.06	37.8	1192	54.82	44.26	29.23	42.34	49.41	57.67
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0.2	0.1	0	0	0.3	0	0	0.5	1.46	DNS	DNS	DNS	DNS	0.5	0.48	0.72	0.17	2.67	0.05	2.52	0	0.05	0.08	0.1	0.18	0.91	0.16	0.12	0	0	0	0
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	1.36	DNS	DNS	DNS	DNS	0.01	0	0.01	0	0.01	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0	0	0	1.36	DNS	DNS	DNS	DNS	0.01	0	0.02	0	0.01	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0.16	0.08	0	0.01	0.33	0.01	0.01	0.49	1.46	DNS	DNS	DNS	DNS	0.49	0.48	0.71	0.17	2.66	0.05	2.51	0	0.05	0.08	0.1	0.18	0.91	0.16	0.12	0	0	0	0
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0.2	0.11	0	0.01	0.42	0.01	0.01	0.64	1.47	DNS	DNS	DNS	DNS	0.63	0.61	0.91	0.22	3.42	0.06	3.23	0	0.06	0.11	0.13	0.23	1.17	0.21	0.16	0	0	0	0
BOD	mg/l		No WSV	592	0	130	0		3	69	17	8	2	2	17	17	1.37	DNS	DNS	DNS	DNS	0	9	0	0	27	5	23	0	8.4	0	0	6.4	0	0	0	0	0	0	0
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	9	72	79	75	75	68	74	111	2.59	DNS	DNS	DNS	DNS	73	75	69	67	82	1763	77	67.235	68.539	43.861	78.958	78.986	3335.911	114.784	86.481	69.37	76.053	95.091	109.889
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	94	12	19	5	5	19	18	61.7	1.07	DNS	DNS	DNS	DNS	37	0	25	10	2	22	26	34.824	43.506	27.368	44.988	28.214	0	15.398	27.299	18.773	39.194	35.1	30.368
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	0	4.93	DNS	DNS	DNS	DNS	2.2	0.7	0	0	0	0	0.26	0	0	0	0	0	0	0	0	0	0	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		0	6	7	62	28	14	22	22	1.45	DNS	DNS	DNS	DNS	10	274	156	18	250	96	10	8	20	14	10	146	14	0	32	0	8	14	6
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		126	175	117	367	333	300	338	281	0.65	DNS	DNS	DNS	DNS	367	962	394	336	445	958	420	396.3055	449.4998	387.0014	397.025	364.1496	1594.787	376	465	384.5703	429	438	457
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		84	116	78	245	222	200	225	187	0.65	DNS	DNS	DNS	DNS	245	641	263	224	297	639	280	264	300	258	265	243	1063	251	310	256	286	292	305
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		17	0	0	10	10	10	10	0	2.75	DNS	DNS	DNS	DNS	0	0	0	0	0	0	0	0	0	187.7758	0	0	127.15	0	0	0	0	0	0

Assessment Criteria : Coastal and Estuarine EQS
CaCO (mg/l): 0.00 pH 0.00
Calcium (mg/l): 0.00 DOC (mg/l) 0.00 Catchment area: Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	2012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Can	r 2012 Can	2013 Camp	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Campa	2010 Camp	2010 Campa	-2010 Cam	er- 2010 Ca	-2010 Camp	r- 2010 Can	r-2010 Can	2011 Camp	2011 Cam	2011 Camp	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campa	011 Campai	011 Campa	011 Campa
									SW15	SW15	SW15	SW15	SW15	SW15	SW15	SW15		SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16
									450	140	260	370	390	270	320	320	470	430	480	340	400	300	390	320	340	230	380	240	320	350.6	(+/-)	81.8	140	540	235.5	260	345	450	474.5	502.8
									0.04674	0.05482	0.03721	0.04661	0.032995	0.02127	0.025	0.029	0.012	0.036	0.036	0.021	0.043	0.06	0.032	0.023	0.055	0.037	0.065	0.041	0.062	0.0381	(+/-)	0.0267		0.12	0.01102	0.012316	0.034278	0.06178	0.088483	0.118026
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.5	7.6	7.6	7.7	7.2	7.8	7.7	7.3	0.05	DNS	DNS	DNS	DNS	7.8	7.5	7.8	6.7	7.2	7.3	7.4	7	7.2	7.57	7.32	7.6	6.9	7.37	7.28	7.07	7.17	6.06	7.48
Temperature	oC		No WSV	592	0.00028	20.3	0		16.7	19.5	14.7	16.8	13.8	7.1	8.1	8.4	0.47	DNS	DNS	DNS	DNS	11.29	14.9	16.22	15.75	13.27	12.1	3	5	4.97	5.26	7.91	10.8	12.5	16.8	17.3	13.99	13.87	11.5	10.09
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		21.7	47.9	26.3	46.6	42.1	13.8	13.7	24.5	0.44	DNS	DNS	DNS	DNS	70.1	25.1	30.4	32.2	24.7	28	64	39.4	29.3	39.7	87.7	10.1	60.9	DNS	59.5	41	46.9	70	55.9
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.3	1.4	0.2	0.45	0.39	0.02	0.36	0.1	0.96	DNS	DNS	DNS	DNS	0.14	0.78	0.13	0.23	0.15	0.22	0.38	0.2906	0.1595	0.237	0.4723	0.2589	0.7337	0.43	0.5158	0.4505	0.252	0.1926	0.2489
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.1	0.15	0.04	0.09	0.09	0.02	0.02	0	0.68	DNS	DNS	DNS	DNS	0.07	0.22	0.08	0.22	0.11	0.11	0.08	0.06793	0.09442	0.08382	0.16	0.08255	0.3786	0.147	0.08905	0.06396	0.08611	0.08009	0.103
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November- 2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	0	0	0	5	5	7	9	0	1.63	DNS	DNS	DNS	DNS	0	0	0	0	3	2	2	0	10.78	5.88	5.836	0	1.31	0	0	0	0	0	0
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		32	0	42	23	10	38	45	76	2.17	DNS	DNS	DNS	DNS	0	820	0	0	15	0	73	0	27.42	58.28	0	10.99	162	0	0	31.85	0	0	0
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	0	6	0	8	5	11	14	6	2.2	DNS	DNS	DNS	DNS	0	0	0	0	4	4	5	7.094	90.62	9.191	180.4	13.4	5.166	9.261	0	0	12.73	0	0
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS	DNS	DNS	DNS	0	1	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS	DNS	DNS	0	0	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	53	87	47	45	54	70	69	70	1.02	DNS	DNS	DNS	DNS	79	93	74	68	120	296	77	83.88	85.164	67.245	84.416	89.495	410.447	92.024	93.888	105.834	93.592	99.695	107.61
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		18	12	44.9	10.9	9.8	3.1	0.1	14.1	0.6	DNS	DNS	DNS	DNS	16	9.4	6	6.5	16.3	8.3	7.8	7.4091	13.734	14.343	12.841	10.28	11.944	10.396	5.63	14.189	9.8031	9.7846	6.8
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																																	

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	012 Campai	012 Campa	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Can	r 2012 Can	2013 Camp	2012 Camp	r 2012 Can	r 2012 Campaign 36
									SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16		STW	STW
									0.23	DNS	DNS	DNS	DNS	100	275	105	105	120	150	270	150	130	220	120
									0.0007	DNS	DNS	DNS	DNS	0.021	0.016	0.007	0.007	0.02	0.05	0.065	0.0236	0.08352	0.03946	0.1535
Alkalinity	mg/l as CaCO3		No WSV	592	0.16	650	0		340	450	410	440	220	350	220	340	240	270	270	390	260	0.25	210	450
Zinc	mg/l		0.0068	592	0.00042	112	540	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; May-2010 Campaign 5, SW2; June-2010 Campaign 6, SW2; July-2010 Campaign 7, SW2; August-2010 Campaign 8, SW2; September- 2010 Campaign 9, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; May-2010 Campaign 5, SW3; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; September- 2010 Campaign 9, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Sep 2011 Campaign 21, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; Mar-2010 Campaign 3, SW4; May-2010 Campaign 5, SW4; June-2010 Campaign 6, SW4; July-2010 Campaign 7, SW4; August-2010 Campaign 8, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010	40.34	19	19	27	24	18	44	22	23	61	46	52	40	1.05	77	112
Iron	mg/l		1	592	0.00078	1689	136	December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; July-2010 Campaign 7, SW3; Sep 2011 Campaign 21, SW4; December 2012 Campaign 36, SW4; May-2010 Campaign 5, SW5 (Stillwater); June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); Apr 2012 Campaign 28, SW5 (Stillwater); June 2012 Campaign 30, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); January 2013 Campaign 37, SW5 (Stillwater); May-2010 Campaign 5, SW6; June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; August-2010 Campaign 8, SW6; December-2010 Campaign 12, SW6; January 2011 Campaign 13, SW6; February 2011 Campaign 14, SW6; March 2011 Campaign 15, SW6; April 2011 Campaign 16, SW6; May 2011 Campaign 17, SW6; June 2011 Campaign 18, SW6; Aug 2011 Campaign 20, SW6; Sep 2011 Campaign 21, SW6; Oct 2011 Campaign 22, SW6; Dec 2011 Campaign 24, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; Mar 2012 Campaign 27, SW6; Apr 2012 Campaign 28, SW6; May 2012 Campaign 29, SW6; June 2012 Campaign 30, SW6; July 2012 Campaign 31, SW6; August 2012 Campaign 32, SW6; September 2012 Campaign 33, SW6; October 2012 Campaign 34, SW6; November 2012 Campaign 35, SW6; December 2012 Campaign 36, SW6; January 2013 Campaign 37, SW6; May-2010 Campaign 5, SW7; June 2011 Campaign 18, SW7; Dec 2011 Campaign 24, SW7; Apr 2012 Campaign 28, SW7; October 2012 Campaign 34, SW7; December 2012 Campaign 36, SW7; January 2013 Campaign 37, SW7; August 2012 Campaign 32, SW8; September 2012 Campaign 33, SW8; December 2012 Campaign 36, SW8; Apr 2012 Campaign 28, SW10; October 2012 Campaign 34, SW10; May 2011 Campaign 17, SW12; September- 2010 Campaign 9, SW13; October-2010 Campaign 10, SW13; November- 2010 Campaign 11, SW13; December-2010 Campaign 12, SW13; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; May 2011 Campaign 17, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Dec 2011 Campaign 24, SW13; Jan 2012 Campaign 25, SW13; Feb 2012 Campaign 26, SW13; Apr 2012 Campaign 28, SW13; May 2012 Campaign 29, SW13; June 2012 Campaign 30, SW13; July 2012 Campaign 31, SW13; August 2012 Campaign 32, SW13; October 2012 Campaign 34, SW13; November 2012 Campaign 35, SW13; December 2012 Campaign 36, SW13; January 2013 Campaign 37, SW13; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; September-2010 Campaign 9, SW14; October-2010 Campaign 10, SW14; November- 2010 Campaign 11, SW14; December-2010 Campaign 12, SW14; January 2011 Campaign 13, SW14; February 2011 Campaign 14, SW14; March 2011 Campaign 15, SW14; June 2011 Campaign 18, SW14; Aug 2011 Campaign 19, SW14; Aug 2011 Campaign 20, SW14; Sep 2011 Campaign 21, SW14; Oct 2011 Campaign 22, SW14; Nov 2011 Campaign 23, SW14; Dec 2011	51.99	125	415	496	201	397	276	341	131	164	217	1689	462	1.48	128	264
Nickel	mg/l	0	0.0086	592	0	6	42	June-2010 Campaign 6, SW1; July-2010 Campaign 7, SW1; June-2010 Campaign 6, SW2; Jan-2010 Campaign 1; June-2010 Campaign 6, SW3; July-2010 Campaign 7, SW3; Jan-2010 Campaign 1; July-2010 Campaign 7, SW4; Jan-2010 Campaign 1; June-2010 Campaign 6, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; Jan-2010 Campaign 1; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; Jan-2010 Campaign 1; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; July-2010 Campaign 7, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW16; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	0.71	DNS	DNS
Mercury	mg/l	0	0.00007	592	0	1.41	16	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; July-2010 Campaign 7, SW10; Jan-2010 Campaign 1; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS
Lead	mg/l	0	0.0013	592	0	16	29	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); June-2010 Campaign 6, SW6; July-2010 Campaign 7, SW6; June-2010 Campaign 6, SW8; Jan-2010 Campaign 1; June-2010 Campaign 6, SW11; July-2010 Campaign 7, SW11; June-2010 Campaign 6, SW12; July-2010 Campaign 7, SW12; May 2011 Campaign 17, SW12; June-2010 Campaign 6, SW13; Jan-2010 Campaign 1; June-2010 Campaign 6, SW14; Jan-2010 Campaign 1; June-2010 Campaign 6, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS	DNS
Sodium	mg/l		N/A	592	0.0002	2396	1	January 2011 Campaign 13, SW5 (Stillwater)	62.37	47.4	39.92	42.2	20.2	129.1	40.5	340.3	835.2	57.1	32.8	20.4	43.5	2.29	87	62.7
Total Ammonia as N	mg/l as N		No WSV	592	0	8.24	0		0	0	0.33	0	0.2	0.3	0.25	7	0.25	0.25	0.01	0.01	0	2.49	0	0
Un-ionised ammonia as N	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0.01	0	0.06	0	0	0	0	0	2.77	0	0
Un-ionised ammonia as NH3	mg/l		No WSV	592	0	3.66	0		0	0	0	0	0	0.01	0	0.07	0	0	0	0	0	2.77	0	0
Ammonium as N	mg/l		No WSV	592	0	39.24	0		0	0	0.33	0	0.16	0.32	0.24	6.94	0.24	0.25	0.01	0.01	0	2.49	0.01	0.01
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	592	0	48	0		0	0	0.4	0	0.2	0.4	0.32	9	0.3	0.32	0.01	0.01	0	2.5	0	0
BOD	mg/l		No WSV	592	0	130	0		16	9	5	10	6	15	7	12	2	2	8	9	19	1.15	2	5
Chloride	mg/l		N/A	592	0.22	15655	1	January 2011 Campaign 13, SW5 (Stillwater)	105.449	87	76	88	28	261	75	639	1183	128	97	41	83	2.3	122	92
Nitrate	mg/l		N/A	592	0	94	1	January 2011 Campaign 13, SW5 (Stillwater)	18.744	42	23	34	16	0	0	0	21	10	19	31	13	0.63	90	52
Nitrite	mg/l		N/A	592	0	5.92	1	January 2011 Campaign 13, SW5 (Stillwater)	0	0	0	0	0	0	0	0	0	0	0	0	0	4.06	0	0
Suspended Solids	mg/l		No WSV	592	0	6378	0		14	14	40	14	18	32	6	9	42	30	22	50	40	1.5	18	36
Total Hardness	mg/l as CaCO3		No WSV	592	0.23	6487	0		504	446	344	418	276	173	124	228	968	458	390	303	345	0.61	386	269
Hardness~	mg/l as CaCO3		No WSV	592	0.23	4325	0		336	297	229	279	184	115	82	152	645	305	260	202	230	0.61	257	179
Total Petroleum Hydrocarbons(C8-C35)	mg/l	0	No WSV	592	0	3169.93	0		0	0	15	0	122	129	0	22	10	10	10	10	16	2.21	10	10

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	012 Campai	012 Campa	012 Campa	012 Campai	012 Campa	012 Campa	012 Campa	2012 Camp	r 2012 Can	2012 Camp	r 2012 Can	r 2012 Can	2013 Camp	2012 Camp	r 2012 Can	r 2012 Campaign 36
									SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16	SW16		STW	STW
									0.23	DNS	DNS	DNS	DNS	100	275	105	105	120	150	270	150	130	220	120
									0.0007	DNS	DNS	DNS	DNS	0.021	0.016	0.007	0.007	0.02	0.05	0.065	0.0236	0.08352	0.03946	0.1535
pH	pH units		7 - 9.0	592	0.05	8.4	134	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; September- 2010 Campaign 9, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Sep 2011 Campaign 21, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; October 2012 Campaign 34, SW1; Jan-2010 Campaign 1; October-2010 Campaign 10, SW2; Aug 2011 Campaign 20, SW2; Sep 2011 Campaign 21, SW2; Oct 2011 Campaign 22, SW2; Dec 2011 Campaign 24, SW2; Jan-2010 Campaign 1; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; September- 2010 Campaign 9, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Sep 2011 Campaign 21, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; October 2012 Campaign 34, SW4; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); September- 2010 Campaign 9, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); April 2011 Campaign 16, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW6; Apr-2010 Campaign 4, SW6; July-2010 Campaign 7, SW6; September- 2010 Campaign 9, SW6; December-2010 Campaign 12, SW6; June 2011 Campaign 18, SW6; Oct 2011 Campaign 22, SW6; Jan 2012 Campaign 25, SW6; Feb 2012 Campaign 26, SW6; July 2012 Campaign 31, SW6; Jan-2010 Campaign 1; Apr-2010 Campaign 4, SW7; September- 2010 Campaign 9, SW7; June 2011 Campaign 18, SW7; Oct 2011 Campaign 22, SW7; Nov 2011 Campaign 23, SW7; Mar-2010 Campaign 3, SW8; Apr-2010 Campaign 4, SW8; June-2010 Campaign 6, SW8; October-2010 Campaign 10, SW8; November- 2010 Campaign 11, SW8; December-2010 Campaign 12, SW8; Aug 2011 Campaign 20, SW8; Sep 2011 Campaign 21, SW8; Oct 2011 Campaign 22, SW8; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW9; Apr-2010 Campaign 4, SW9; September- 2010 Campaign 9, SW9; Sep 2011 Campaign 21, SW9; Oct 2011 Campaign 22, SW9; Nov 2011 Campaign 23, SW9; Jan 2012 Campaign 25, SW9; September 2012 Campaign 33, SW9; October-2010 Campaign 10, SW10; December-2010 Campaign 12, SW10; Aug 2011 Campaign 20, SW10; Sep 2011 Campaign 21, SW10; Jan-2010 Campaign 1; November- 2010 Campaign 11, SW11; January 2011 Campaign 13, SW11; Oct 2011 Campaign 22, SW11; Nov 2011 Campaign 23, SW11; July 2012 Campaign 31, SW11; August 2012 Campaign 32, SW11; October 2012 Campaign 34, SW11; December 2012 Campaign 36, SW11; January 2013 Campaign 37, SW11; Jan-2010 Campaign 1; September- 2010 Campaign 9, SW12; May 2011 Campaign 17, SW12; June 2011 Campaign 18, SW12; Sep 2011 Campaign 21, SW12; Oct 2011 Campaign 22, SW12; Nov 2011 Campaign 23, SW12; Dec 2011 Campaign 24, SW12; Jan-2010 Campaign 1; January 2011 Campaign 13, SW13; February 2011 Campaign 14, SW13; March 2011 Campaign 15, SW13; April 2011 Campaign 16, SW13; June 2011 Campaign 18, SW13; Aug 2011 Campaign 19, SW13; Sep 2011 Campaign 21, SW13; Oct 2011 Campaign 22, SW13; Dec 2011 Campaign 24, SW13; Feb 2012 Campaign 26, SW13;	7.5	7.4	7.4	7.4	7.7	7.8	7.6	7.5	7.5	6.4	7.6	7.7	7.3	0.05	7.6	7.8
Temperature	oC		No WSV	592	0.00028	20.3	0		3.14	2.2	5.5	10.6	12.7	15.8	16	14.4	15.5	11.7	7.3	7.8	7.1	0.42	7.3	10.5
Dissolved Oxygen	% saturation		No WSV	592	0.21	159.3	0		84.6	57.7	59.2	122	40.4	66.2	64.4	41.5	71.3	33	39.5	35.6	30.5	0.45	39.5	33.7
Total Phosphorus	mg/l		No WSV	592	0.02	25.74	0		0.2026	0.4	0.35	0.26	0.4	1.1	0.41	0.53	0.49	0.28	0.09	0.33	0.11	0.6	3.2	3.73
Soluble ReactivePhosphorus	mg/l		No WSV	592	0	4.32	0		0.1035	0.1	0.05	0.072	0.09	0.7	0.06	0.31	0.17	0.09	0.02	0.12	0.07	0.95	0.26	2.54
Dissolved Copper	mg/l	0	0.00376	592	0	30.1	259	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; May-2010 Campaign 5, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; June 2011 Campaign 18, SW1; Oct 2011 Campaign 22, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW2; Mar-2010 Campaign 3, SW2; Apr-2010 Campaign 4, SW2; August-2010 Campaign 8, SW2; October-2010 Campaign 10, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; June 2011 Campaign 18, SW2; Mar 2012 Campaign 27, SW2; July 2012 Campaign 31, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW3; Mar-2010 Campaign 3, SW3; Apr-2010 Campaign 4, SW3; August-2010 Campaign 8, SW3; October-2010 Campaign 10, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; June 2011 Campaign 18, SW3; Jan 2012 Campaign 25, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; Jan-2010 Campaign 1; Mar-2010 Campaign 3, SW4; Apr-2010 Campaign 4, SW4; September- 2010 Campaign 9, SW4; October-2010 Campaign 10, SW4; November- 2010 Campaign 11, SW4; December-2010 Campaign 12, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; September 2012 Campaign 33, SW4; October 2012 Campaign 34, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Jan-2010 Campaign 1; July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); October-2010 Campaign 10, SW5 (Stillwater); November-2010 Campaign 11, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5 (Stillwater); March 2011 Campaign 15, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); October 2012 Campaign 34, SW5 (Stillwater); November 2012 Campaign 35, SW5 (Stillwater); December 2012 Campaign 36, SW5 (Stillwater); Jan-2010 Campaign 1; Feb-2010 Campaign 2, SW6; July-2010 Campaign 7, SW6; October-2010 Campaign 10, SW6; November- 2010 Campaign 11, SW6; December-2010 Campaign 12, SW6; February 2011 Campaign 14, SW6; April 2011 Campaign 16, SW6; June	5.253	0	6	0	0	0	0	0	5	5	11	11	0	1.46	16	15
Dissolved Iron	mg/l	0	No WSV	592	10	31740	0		0	35	59	7	208	169	52	275	10	10	48	281	165	2.05	22	27
Dissolved Zinc	mg/l	0	0.0068	592	0	237.8	354	Feb-2010 Campaign 2, SW1; Mar-2010 Campaign 3, SW1; Apr-2010 Campaign 4, SW1; August-2010 Campaign 8, SW1; September- 2010 Campaign 9, SW1; October-2010 Campaign 10, SW1; November- 2010 Campaign 11, SW1; December-2010 Campaign 12, SW1; January 2011 Campaign 13, SW1; February 2011 Campaign 14, SW1; March 2011 Campaign 15, SW1; April 2011 Campaign 16, SW1; May 2011 Campaign 17, SW1; June 2011 Campaign 18, SW1; Aug 2011 Campaign 19, SW1; Aug 2011 Campaign 20, SW1; Oct 2011 Campaign 22, SW1; Nov 2011 Campaign 23, SW1; Dec 2011 Campaign 24, SW1; Jan 2012 Campaign 25, SW1; Feb 2012 Campaign 26, SW1; Mar 2012 Campaign 27, SW1; Apr 2012 Campaign 28, SW1; May 2012 Campaign 29, SW1; June 2012 Campaign 30, SW1; July 2012 Campaign 31, SW1; August 2012 Campaign 32, SW1; September 2012 Campaign 33, SW1; October 2012 Campaign 34, SW1; November 2012 Campaign 35, SW1; December 2012 Campaign 36, SW1; January 2013 Campaign 37, SW1; Feb-2010 Campaign 2, SW2; Apr-2010 Campaign 4, SW2; November- 2010 Campaign 11, SW2; December-2010 Campaign 12, SW2; January 2011 Campaign 13, SW2; February 2011 Campaign 14, SW2; March 2011 Campaign 15, SW2; April 2011 Campaign 16, SW2; May 2011 Campaign 17, SW2; June 2011 Campaign 18, SW2; Aug 2011 Campaign 19, SW2; Aug 2011 Campaign 20, SW2; Oct 2011 Campaign 22, SW2; Nov 2011 Campaign 23, SW2; Dec 2011 Campaign 24, SW2; Jan 2012 Campaign 25, SW2; Feb 2012 Campaign 26, SW2; Mar 2012 Campaign 27, SW2; Apr 2012 Campaign 28, SW2; May 2012 Campaign 29, SW2; June 2012 Campaign 30, SW2; July 2012 Campaign 31, SW2; August 2012 Campaign 32, SW2; September 2012 Campaign 33, SW2; October 2012 Campaign 34, SW2; November 2012 Campaign 35, SW2; December 2012 Campaign 36, SW2; January 2013 Campaign 37, SW2; Feb-2010 Campaign 2, SW3; November- 2010 Campaign 11, SW3; December-2010 Campaign 12, SW3; January 2011 Campaign 13, SW3; February 2011 Campaign 14, SW3; March 2011 Campaign 15, SW3; April 2011 Campaign 16, SW3; May 2011 Campaign 17, SW3; June 2011 Campaign 18, SW3; Aug 2011 Campaign 19, SW3; Aug 2011 Campaign 20, SW3; Oct 2011 Campaign 22, SW3; Nov 2011 Campaign 23, SW3; Dec 2011 Campaign 24, SW3; Jan 2012 Campaign 25, SW3; Feb 2012 Campaign 26, SW3; Mar 2012 Campaign 27, SW3; Apr 2012 Campaign 28, SW3; May 2012 Campaign 29, SW3; June 2012 Campaign 30, SW3; July 2012 Campaign 31, SW3; August 2012 Campaign 32, SW3; September 2012 Campaign 33, SW3; October 2012 Campaign 34, SW3; November 2012 Campaign 35, SW3; December 2012 Campaign 36, SW3; January 2013 Campaign 37, SW3; Feb-2010 Campaign 2, SW4; November- 2010 Campaign 11, SW4; January 2011 Campaign 13, SW4; February 2011 Campaign 14, SW4; March 2011 Campaign 15, SW4; April 2011 Campaign 16, SW4; May 2011 Campaign 17, SW4; Aug 2011 Campaign 19, SW4; Aug 2011 Campaign 20, SW4; Oct 2011 Campaign 22, SW4; Dec 2011 Campaign 24, SW4; Jan 2012 Campaign 25, SW4; Mar 2012 Campaign 27, SW4; May 2012 Campaign 29, SW4; June 2012 Campaign 30, SW4; July 2012 Campaign 31, SW4; August 2012 Campaign 32, SW4; September 2012 Campaign 33, SW4; November 2012 Campaign 35, SW4; December 2012 Campaign 36, SW4; Mar-2010 Campaign 3, SW5 (Stillwater); July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); December-2010 Campaign 12, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); February 2011 Campaign 14, SW5	10.94	0	17	8	7	9	0	0	6	5	16	15	6	2.47	37	61
Dissolved Cadmium	mg/l	0	0.0002	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS
Dissolved Mercury	mg/l	0	0.00007	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS
Dissolved Nickel	mg/l	0	0.0086	592	0	1.41	18	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12; July-2010 Campaign 7, SW15; Jan-2010 Campaign 1; July-2010 Campaign 7, SW16; October 2012 Campaign 34	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	1.41	DNS	DNS
Dissolved Lead	mg/l	0	0.0013	592	0	0	14	July-2010 Campaign 7, SW5 (Stillwater); August-2010 Campaign 8, SW5 (Stillwater); January 2011 Campaign 13, SW5 (Stillwater); May 2011 Campaign 17, SW5 (Stillwater); June 2011 Campaign 18, SW5 (Stillwater); Aug 2011 Campaign 19, SW5 (Stillwater); Aug 2011 Campaign 20, SW5 (Stillwater); Sep 2011 Campaign 21, SW5 (Stillwater); Oct 2011 Campaign 22, SW5 (Stillwater); Nov 2011 Campaign 23, SW5 (Stillwater); August 2012 Campaign 32, SW5 (Stillwater); September 2012 Campaign 33, SW5 (Stillwater); July-2010 Campaign 7, SW6; May 2011 Campaign 17, SW12	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS	DNS		DNS	DNS
Sulphate	mg/l		N/A	592	0	410.447	1	January 2011 Campaign 13, SW5 (Stillwater)	119.602	100	54	92	45	75	40	128	244	94	61	53	79	0.72	110	88
Dissolved Organic Carbon	mg/l		No WSV	592	0.0001	139.56	0		13.15	11.74	18.9	8.2	19.6	15.4	18.5	36.1	7.7	11.4	7	1.8	16.8	0.52	6	0.1
Acid Neutralising Capacity	mg/l as CaCO3		No WSV	592	0	0	0																	

Assessment Criteria :	*Coastal and Estuarine EQS*						
CaCO (mg/l):	0.00	**pH**	0.00				
Calcium (mg/l):	0.00	**DOC (mg/l)**	0.00	**Catchment area:**	**Freshwater not listed**		

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**		**Location**	69222	69223	69224	69225	69226	69876	151074	151075	151076	151077	151078	151079	152244	152245	155740	155741
										Sample ID	G6a	G1	G3	G4	G5	G7	G3	G4	G5	G8	SW1	SW4	G1	SW2	G6A	G7A
										Depth	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm
										Date	10-Nov-14	10-Nov-14	11-Nov-14	11-Nov-14	11-Nov-14	13-Nov-14	09-Jun-15	09-Jun-15	09-Jun-15	09-Jun-15	09-Jun-15	09-Jun-15	10-Jun-15	10-Jun-15	17-Jun-15	17-Jun-15
									Strata		Crag	Crag	Made Ground	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Peat
										Zone																
pH		N/A	7 - 9.0	42	7.4	8.6	0				8.1	8	8	7.9	8	7.9	8.2	8.1	8.2	8.2	8.1	8.3	8.1	8.1	8.6	8.5
Electrical Conductivity	µS/cm	1.0	No WSV	42	100	1400	0				650	700	740	890	920	760	870	990	1100	1200	900	840	1000	990	940	1200
Suspended Solids At 105C	mg/l	5.0	No WSV	42	5	2300	0				7	670	39	37	110	38	16	29	34	79	9	17	<5	<5	<5	34
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	42	1	16	0				3	4	<1	2	<1	4	<1	<1	<1	1.1	<1	<1	1.9	1.8	<1	<1
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	42	8.7	88	0				41	43	19	18	13	24	20	25	12	15	13	12	11	9	11	13
Alkalinity (Total)	mg/l	10	No WSV	42	130	470	0				250	130	260	280	250	220	430	360	330	330	370	420	220	210	260	290
Chloride	mg/l	1.0	N/A	42	50	330	0				66	94	55	62	84	91	59	94	130	200	130	56	150	95	96	240
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	42	0.061	0.66	0										0.22	0.48	0.27	0.16	0.16	0.1			0.078	0.28
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	42	0.078	1.1	0				0.91	0.57	1.1	0.59	0.6	0.31	0.28	0.62	0.35	0.21	0.2	0.13	0.45	0.34	0.1	0.36
Nitrite	mg/l	0.020	N/A	42	<0.02	1.1	0										0.19	1	0.8	0.071	0.71	<0.02			0.14	0.1
Nitrate	mg/l	0.50	N/A	42	<0.5	72	0				17	3	21	42	53	7.2	2.3	56	72	22	65	<0.5	31	44	34	3.2
Phosphate	mg/l	0.200	No WSV	42	0.05	0.9	0										0.069	0.47	0.54	0.33	0.53	0.05			0.45	0.27
Phosphorus (Total)	mg/l	0.020	No WSV	42	<0.02	0.3	0										0.023	0.16	0.18	0.11	0.18	<0.02			0.15	0.09
Sulphate	mg/l	1.0	N/A	42	51	120	0				55	51	61	75	78	53	97	100	110	95	110	80	86	100	96	64
Total Oxidised Nitrogen	mg/l	0.20	No WSV	42	0.2	16	0										0.59	13	16	5	15	<0.2			7.7	0.75
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	42	<0.005	0.006	0				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	42	95	380	0				120	95	120	140	140	99	180	150	160	150	150	160	130	170	130	150
Potassium	mg/l	0.50	N/A	42	3.8	63	0				6.9	8.6	7.9	6.5	7.8	7.8	8.7	8.2	12	8.1	10	6.3	8.5	9.8	7.7	4.6
Magnesium	mg/l	0.50	N/A	42	7	30	0				7	7.9	7.4	8.1	7.9	8.6	12	10	11	14	11	13	17	14	11	14
Sodium	mg/l	0.50	N/A	42	27	140	0				31	31	29	34	43	40	29	54	79	87	77	37	84	67	54	70
Arsenic (Dissolved)	mg/l	0.001	0.025	42	<0.001	0.0076	0				<0.001	<0.001	<0.001	0.0012	<0.001	0.0054	0.0015	0.0013	0.0013	0.0021	0.0014	0.0013	0.0019	0.0018	0.0029	0.0035
Boron (Dissolved)	mg/l	0.02	No WSV	42	0.02	0.69	0				<0.02	<0.02	<0.02	0.038	0.02	0.69	0.2	0.32	0.23	0.29	0.25	0.25	0.049	0.05	0.048	0.044
Cadmium (Dissolved)	mg/l	0.00008	0.0002	42	<0.00008	0.0002	0				0.0002	0.00013	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.000087	<0.00008	<0.00008	<0.00008	<0.00008	0.000088	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	42	<0.001	0.068	0				<0.001	<0.001	<0.001	<0.001	<0.001	0.068	0.002	0.0026	0.0031	0.0041	0.0041	0.0032	0.014	0.01	0.016	0.013
Copper (Dissolved)	mg/l	0.001	0.00376	42	<0.001	0.031	3	69876, G7, WATERm; 659887, G1, WATERm; 659888, G7A, WATERm			0.0023	0.0027	0.0021	0.0019	0.0022	0.0039	<0.001	0.0022	0.0031	0.0029	0.0027	<0.001	0.0019	0.0022	0.0021	<0.001
Manganese (Dissolved)	mg/l	0.001	N/A	42	<0.001	17	0																			
Nickel (Dissolved)	mg/l	0.001	0.0086	42	0.001	0.0051	0				0.0021	0.0015	0.0013	0.0012	0.0016	0.0014	0.0011	0.0021	0.0051	0.0015	0.0017	<0.001	0.0016	0.0013	0.0017	0.001
Lead (Dissolved)	mg/l	0.001	0.0013	42	<0.001	0.0011	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	0.0079	42	0.0014	0.046	24	69222, G6a, WATERm; 69223, G1, WATERm; 69224, G3, WATERm; 69225, G4, WATERm; 69226, G5, WATERm; 151075, G4, WATERm; 151076, G5, WATERm; 151077, G8, WATERm; 151078, SW1, WATERm; 152244, G1, WATERm; 152245, SW2, WATERm; 155740, G6A, WATERm; 155741, G7A, WATERm; 155742, SW3, WATERm; 166087, G4, WATERm; 166088, G8, WATERm; 169379, G6A, WATERm; 169670, SW2, WATERm; 659887, G1, WATERm; 843056, G8, WATERm; 843057, G5, WATERm; 843058, G6a, WATERm; 843063, G1, WATERm; 843068, G4, WATERm			0.014	0.046	0.012	0.014	0.017	0.0069	0.0078	0.015	0.018	0.012	0.016	0.0053	0.0089	0.014	0.013	0.0085
Mercury Low Level	mg/l	0.00001	No WSV	42	<0.00001	0.00019	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	1	42	0.02	0.58	0				0.2	0.13	0.03	0.03	0.03	0.15	0.44	0.43	0.43	0.44	0.46	0.42	0.52	0.53	<0.02	<0.02
Dissolved Organic Carbon	mg/l	2.0	No WSV	42	6.5	13	0																			
Total Organic Carbon	mg/l	2.0	No WSV	42	2.2	14	0										8.9	6	9.6	10	6.5	9.2	6.9	2.6	4.1	6
Total TPH >C6-C40	mg/l	0.01	No WSV	42	0.01	0.031	0				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	0.002	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	0.0001	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	0.0000063	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00000017	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0				<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	42	<0.0002	<0.002	0				<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	N/A	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	42	<0.005	<0.005	0				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	42	<0.002	<0.002	0				<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria :	*Coastal and Estuarine EQS*				
CaCO (mg/l):	**0.00**	**pH**	**0.00**		
Calcium (mg/l):	**0.00**	**DOC (mg/l)**	**0.00**	**Catchment area:**	**Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences		**Location**	69222	69223	69224	69225	69226	69876	151074	151075	151076	151077	151078	151079	152244	152245	155740	155741
										Sample ID	G6a	G1	G3	G4	G5	G7	G3	G4	G5	G8	SW1	SW4	G1	SW2	G6A	G7A
										Depth	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm
										Date	10-Nov-14	10-Nov-14	11-Nov-14	11-Nov-14	11-Nov-14	13-Nov-14	09-Jun-15	09-Jun-15	09-Jun-15	09-Jun-15	09-Jun-15	09-Jun-15	10-Jun-15	10-Jun-15	17-Jun-15	17-Jun-15
									Strata		Crag	Crag	Made Ground	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Peat
										Zone																
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	42	<0.005	<0.005	0				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	0.0025	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	0.1	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.012	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.008	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.01	42	<0.002	<0.002	0				<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	N/A	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	42	<0.01	<0.01	0				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	N/A	42	<0.005	<0.005	0				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	42	<0.01	<0.01	0				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.074	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	42	<0.01	<0.01	0				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	0.3	42	<0.01	<0.01	0				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	42	<0.002	<0.002	0				<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	N/A	42	<0.01	<0.01	0				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	N/A	42	<0.005	<0.005	0				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	42	<0.002	<0.002	0				<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.02	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	mg/l	0.001	See Xylenes (total)	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.05	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	42	<0.05	<0.05	0				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.02	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	0.02	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	42	<0.05	<0.05	0				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	42	<0.002	<0.002	0				<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	42	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Phenol	mg/l	0.0005	0.0077	42	<0.0005	<0.0005	0																			
2-Chlorophenol	mg/l	0.0005	0.05	42	<0.0005	<0.0005	0																			
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
1,4-Dichlorobenzene	mg/l	0.0005	0.02	42	<0.0005	<0.0005	0																			
1,2-Dichlorobenzene	mg/l	0.0005	0.02	42	<0.0005	<0.0005	0																			
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Hexachloroethane	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
4-Methylphenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Nitrobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Isophorone	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
2-Nitrophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
2,4-Dimethylphenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
2,4-Dichlorophenol	mg/l	0.0005	0.00042	42	<0.0005	<0.0005	0																			
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Naphthalene	mg/l	0.0005	0.002	42	<0.0005	<0.0005	0																			
4-Chloroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Hexachlorobutadiene	mg/l	0.0005	0.0006	42	<0.0005	<0.0005	0																			
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	42	<0.0005	<0.0005	0																			
2-Methylnaphthalene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0																			
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
2-Chloronaphthalene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
2-Nitroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Acenaphthylene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0																			
Dimethylphthalate	mg/l	0.0005	0.8	42	<0.0005	<0.0005	0																			
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Acenaphthene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0																			
3-Nitroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
Dibenzofuran	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																			

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
Fluorene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0	
Diethyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
4-Nitroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
Azobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
Hexachlorobenzene	mg/l	0.0005	0.00005	42	<0.0005	<0.0005	0	
Pentachlorophenol	mg/l	0.0005	0.0004	42	<0.0005	<0.0005	0	
Phenanthrene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0	
Anthracene	mg/l	0.0005	0.0001	42	<0.0005	<0.0005	0	
Carbazole	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
Fluoranthene	mg/l	0.0005	0.0000063	42	<0.0005	<0.0005	0	
Pyrene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0	
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
Benzo[a]anthracene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0	
Chrysene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0	
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0	
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0	
Benzo[a]pyrene	mg/l	0.0005	0.00000017	42	<0.0005	<0.0005	0	
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0	
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0	
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0	
4-Nitrophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0	
PCB 28	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 81	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 52	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 77	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 101			No WSV	42	<0.01	<0.01	0	
PCB 105	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 90+101	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 114	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 153	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 123	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 138	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 126	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 180	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 156	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 157	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 167	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 169	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
PCB 189	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0	
Total Phenols	mg/l	0.030	No WSV	42	<0.03	<0.03	0	
Nitrogen (Total)	mg/l	1.0	No WSV	42	2	15	0	
Arsenic (Total)	mg/l	0.001	No WSV	42	0.0015	0.0076	0	
Boron (Total)	mg/l	0.02	7	42	0.028	0.059	0	
Cadmium (Total)	mg/l	0.00008	No WSV	42	<0.00008	<0.00008	0	
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	42	0.0015	0.016	0	
Copper (Total)	mg/l	0.001	No WSV	42	<0.001	0.031	0	
Iron (Total)	mg/l	0.02	No WSV	42	0.36	0.58	0	
Manganese (Total)	mg/l	0.001	No WSV	42	<0.001	0.06	0	
Nickel (Total)	mg/l	0.001	No WSV	42	0.001	0.002	0	
Lead (Total)	mg/l	0.001	No WSV	42	0.001	0.001	0	
Zinc (Total)	mg/l	0.001	No WSV	42	0.0017	0.019	0	
Chromium (Trivalent)	mg/l	0.02	No WSV	42	<<0.0001	<0.02	0	
Chromium (Hexavalent)	mg/l	0.02	0.0006	42	0.001	<0.02	5	843056, G8, WATERm; 843057, G5, WATERm; 843058, G6a, WATERm; 843063, G1, WATERm; 843067, G7a, WATERm

Location	69222	69223	69224	69225	69226	69876	151074	151075	151076	151077	151078	151079	152244	152245	155740	155741
Sample ID	G6a	G1	G3	G4	G5	G7	G3	G4	G5	G8	SW1	SW4	G1	SW2	G6A	G7A
Depth	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm
Date	10-Nov-14	10-Nov-14	11-Nov-14	11-Nov-14	11-Nov-14	13-Nov-14	09-Jun-15	09-Jun-15	09-Jun-15	09-Jun-15	09-Jun-15	09-Jun-15	10-Jun-15	10-Jun-15	17-Jun-15	17-Jun-15
Strata	Crag	Crag	Made Ground	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Peat
Zone																
2,4-Dinitrotoluene																
Fluorene																
Diethyl Phthalate																
4-Nitroaniline																
2-Methyl-4,6-Dinitrophenol																
Azobenzene																
4-Bromophenylphenyl Ether																
Hexachlorobenzene																
Pentachlorophenol																
Phenanthrene																
Anthracene																
Carbazole																
Di-N-Butyl Phthalate																
Fluoranthene																
Pyrene																
Butylbenzyl Phthalate																
Benzo[a]anthracene																
Chrysene																
Bis(2-Ethylhexyl)Phthalate																
Di-N-Octyl Phthalate																
Benzo[b]fluoranthene																
Benzo[k]fluoranthene																
Benzo[a]pyrene																
Indeno(1,2,3-c,d)Pyrene																
Dibenz(a,h)Anthracene																
Benzo[g,h,i]perylene																
4-Nitrophenol																
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81																
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77																
PCB 101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB 105																
PCB 90+101																
PCB 114																
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118																
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123																
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126																
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 156																
PCB 157																
PCB 167																
PCB 169																
PCB 189																
Total PCBs (12 Congeners)																
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)																
Arsenic (Total)																
Boron (Total)																
Cadmium (Total)																
Chromium (Total)																
Copper (Total)																
Iron (Total)																
Manganese (Total)																
Nickel (Total)																
Lead (Total)																
Zinc (Total)																
Chromium (Trivalent)																
Chromium (Hexavalent)																

Assessment Criera : | *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	155742	155743	165549	166085	166086	166087	166088	169379	169380	169381	169669	169670	657945	657946	657947	657929	658029
									SW3	SW8	G3	SW1	SW4	G4	G8	G6A	SW8	SW10	G7a	SW2	G3	G3A	G4	G6A	G5
									WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm
									17-Jun-15	17-Jun-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	22-Jul-15	22-Jul-15	22-Jul-15	23-Jul-15	23-Jul-15	18-Jul-2018	18-Jul-2018	18-Jul-2018	19-Jul-2018	17-Jul-2018
									Peat	Crag	Peat	Peat	Peat	Peat	Peat	Peat	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
pH		N/A	7 - 9.0	42	7.4	8.6	0		8.6	8.5	7.4	7.7	7.9	7.9	7.9	7.9	7.9	7.8	8.4	8.5	7.7	7.7	7.8	7.7	7.7
Electrical Conductivity	µS/cm	1.0	No WSV	42	100	1400	0		930	1200	880	970	830	970	1400	950	1200	940	1100	990	960	970	1100	1100	1200
Suspended Solids At 105C	mg/l	5.0	No WSV	42	5	2300	0		9	99	36	40	<5	<5	<5	28	170	410	27	14	<5	<5	<5	5	<5
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	42	1	16	0		<1	1.1	13	1	<1	<1	<1	3.4	3.4	<1	16	5					
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	42	8.7	88	0		10	30	27	8.7	9.8	9.9	14	8.7	43	12	88	12					
Alkalinity (Total)	mg/l	10	No WSV	42	130	470	0		310	270	430	370	470	450	450	360	350	330	400	400	330	340	360	350	350
Chloride	mg/l	1.0	N/A	42	50	330	0		98	260	58	76	50	88	280	92	230	130	220	130	77	77	120	120	150
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	42	0.061	0.66	0		0.061	0.27	0.44	0.66	0.44	0.28	0.19	0.44	0.34	0.074	0.65	0.23	0.19	0.2	0.11	0.16	0.16
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	42	0.078	1.1	0		0.078	0.35	0.56	0.85	0.57	0.36	0.25	0.57	0.44	0.095	0.83	0.3	0.25	0.26	0.14	0.2	0.2
Nitrite	mg/l	0.020	N/A	42	<0.02	1.1	0		0.13	0.1	0.024	1.1	0.06	0.56	0.23	0.29	0.082	0.3	<0.02	0.16	0.54	0.56	0.2	0.15	0.58
Nitrate	mg/l	0.50	N/A	42	<0.5	72	0		33	<0.5	<0.5	47	<0.5	47	16	47	5.6	22	<0.5	44	15	14	38	34	51
Phosphate	mg/l	0.200	No WSV	42	0.05	0.9	0		0.46	0.21	0.62	0.9	0.078	0.77	0.53	0.52	0.29	0.43	0.26	0.58	<0.2	<0.2	0.44	0.33	0.31
Phosphorus (Total)	mg/l	0.020	No WSV	42	<0.02	0.3	0		0.15	0.07	0.21	0.3	0.026	0.26	0.18	0.17	0.097	0.14	0.087	0.19	0.026	0.028	0.14	0.11	0.1
Sulphate	mg/l	1.0	N/A	42	51	120	0		98	63	91	95	66	100	100	100	61	78	54	90	110	110	110	99	110
Total Oxidised Nitrogen	mg/l	0.20	No WSV	42	0.2	16	0		7.5	<0.2	<0.2	11	<0.2	11	3.6	11	1.3	5	<0.2	9.9	3.6	3.4	8.6	7.7	12
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	42	<0.005	0.006	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	42	95	380	0		130	150	130	140	140	130	140	120	140	130	120	110	150	180	200	180	130
Potassium	mg/l	0.50	N/A	42	3.8	63	0		7.8	4.7	8.1	9.1	6.4	9.8	10	7.3	4.6	7.5	3.8	6.6	8.7	10	10	11	10
Magnesium	mg/l	0.50	N/A	42	7	30	0		11	15	12	10	13	10	22	10	12	10	12	9.3	12	14	13	14	9.2
Sodium	mg/l	0.50	N/A	42	27	140	0		55	74	30	52	27	55	140	46	62	49	56	48	47	53	76	81	68
Arsenic (Dissolved)	mg/l	0.001	0.025	42	<0.001	0.0076	0		0.0022	0.0034	0.0017	0.002	0.0015	0.0016	0.0034	0.0015	0.0039	0.0023	0.0032	0.0011	0.0016	0.0014	0.0022	0.0026	0.002
Boron (Dissolved)	mg/l	0.02	No WSV	42	0.02	0.69	0		0.05	0.037	0.44	0.037	<0.02	0.042	0.072	0.036	0.028	0.026	0.023	<0.02	0.03	0.028	0.043	0.034	0.041
Cadmium (Dissolved)	mg/l	0.00008	0.0002	42	<0.00008	0.0002	0		<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00016	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	42	<0.001	0.068	0		0.01	0.011	0.0043	0.0035	0.0033	0.0045	0.01	0.0086	0.0056	0.0068	0.0037	0.0023	0.0015	0.0014	0.0026	0.0021	0.0021
Copper (Dissolved)	mg/l	0.001	0.00376	42	<0.001	0.031	3	69876, G7, WATERm; 659887, G1, WATERm; 659888, G7A, WATERm	0.0019	<0.001	<0.001	0.0016	<0.001	0.0017	0.0023	0.0019	0.0016	0.0012	<0.001	0.0016	<0.001	<0.001	0.0022	0.0031	<0.001
Manganese (Dissolved)	mg/l	0.001	N/A	42	<0.001	17	0														0.021	0.033	0.012	0.0074	<0.001
Nickel (Dissolved)	mg/l	0.001	0.0086	42	0.001	0.0051	0		0.0018	<0.001	0.0011	0.0024	<0.001	0.0039	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0012	<0.001	0.0012
Lead (Dissolved)	mg/l	0.001	0.0013	42	<0.001	0.0011	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	0.0079	42	0.0014	0.046	24	69222, G6a, WATERm; 69223, G1, WATERm; 69224, G3, WATERm; 69225, G4, WATERm; 69226, G5, WATERm; 151075, G4, WATERm; 151076, G5, WATERm; 151077, G8, WATERm; 151078, SW1, WATERm; 152244, G1, WATERm; 152245, SW2, WATERm; 155740, G6A, WATERm; 155741, G7A, WATERm; 155742, SW3, WATERm; 166087, G4, WATERm; 166088, G8, WATERm; 169379, G6A, WATERm; 169670, SW2, WATERm; 659887, G1, WATERm; 843056, G8, WATERm; 843057, G5, WATERm; 843058, G6a, WATERm; 843063, G1, WATERm; 843068, G4, WATERm	0.014	0.004	0.0061	0.0061	0.0042	0.0089	0.013	0.0088	0.0053	0.006	0.0053	0.0099	0.0018	0.0014	0.0069	0.0029	0.0038
Mercury Low Level	mg/l	0.00001	No WSV	42	<0.00001	0.00019	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00019	0.000019	0.000011	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	1	42	0.02	0.58	0		<0.02	<0.02	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.08	<0.02	0.39	0.35	0.45	0.41	0.4
Dissolved Organic Carbon	mg/l	2.0	No WSV	42	6.5	13	0														7.6	7.1	9.7	8.1	10
Total Organic Carbon	mg/l	2.0	No WSV	42	2.2	14	0		6.1	5	11	6.1	4	2.2	2.8	5	5.8	5.5	5.8	5.5	9.7	7.4	11	8.8	10
Total TPH >C6-C40	mg/l	0.01	No WSV	42	0.01	0.031	0		<0.01	<0.01	<0.01	0.021	0.027	0.01	0.031	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	0.002	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Acenaphthylene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Acenaphthene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluorene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Phenanthrene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Anthracene	mg/l	0.0001	0.0001	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoranthene	mg/l	0.0001	0.0000063	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Pyrene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[a]anthracene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chrysene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[a]pyrene	mg/l	0.0001	0.00000017	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Of 16 PAH's	mg/l	0.002	No WSV	42	<0.0002	<0.002	0		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.002	<0.002	<0.002	<0.002
Dichlorodifluoromethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	N/A	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	42	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	42	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria :	*Coastal and Estuarine EQS*				
CaCO (mg/l):	0.00	**pH**	0.00		
Calcium (mg/l):	0.00	**DOC (mg/l)**	0.00	**Catchment area:**	**Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	155742	155743	165549	166085	166086	166087	166088	169379	169380	169381	169669	169670	657945	657946	657947	657929	658029
									SW3	SW8	G3	SW1	SW4	G4	G8	G6A	SW8	SW10	G7a	SW2	G3	G3A	G4	G6A	G5
									WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm
									17-Jun-15	17-Jun-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	22-Jul-15	22-Jul-15	22-Jul-15	23-Jul-15	23-Jul-15	18-Jul-2018	18-Jul-2018	18-Jul-2018	19-Jul-2018	17-Jul-2018
									Peat	Crag	Peat	Peat	Peat	Peat	Peat	Peat	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	42	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	0.0025	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	0.1	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.012	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.008	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.01	42	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	N/A	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	N/A	42	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.074	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	0.3	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	42	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	N/A	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	N/A	42	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	42	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.02	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	mg/l	0.001	See Xylenes (total)	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.05	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	42	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.02	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	0.02	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	42	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	42	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Phenol	mg/l	0.0005	0.0077	42	<0.0005	<0.0005	0																		
2-Chlorophenol	mg/l	0.0005	0.05	42	<0.0005	<0.0005	0																		
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
1,4-Dichlorobenzene	mg/l	0.0005	0.02	42	<0.0005	<0.0005	0																		
1,2-Dichlorobenzene	mg/l	0.0005	0.02	42	<0.0005	<0.0005	0																		
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Hexachloroethane	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
4-Methylphenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Nitrobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Isophorone	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
2-Nitrophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
2,4-Dimethylphenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
2,4-Dichlorophenol	mg/l	0.0005	0.00042	42	<0.0005	<0.0005	0																		
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Naphthalene	mg/l	0.0005	0.002	42	<0.0005	<0.0005	0																		
4-Chloroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Hexachlorobutadiene	mg/l	0.0005	0.0006	42	<0.0005	<0.0005	0																		
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	42	<0.0005	<0.0005	0																		
2-Methylnaphthalene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0																		
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
2-Chloronaphthalene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
2-Nitroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Acenaphthylene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0																		
Dimethylphthalate	mg/l	0.0005	0.8	42	<0.0005	<0.0005	0																		
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Acenaphthene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0																		
3-Nitroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Dibenzofuran	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		

Assessment Criteria :	*Coastal and Estuarine EQS*		
CaCO (mg/l): 0.00	pH 0.00		
Calcium (mg/l): 0.00	DOC (mg/l) 0.00	Catchment area:	Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	155742	155743	165549	166085	166086	166087	166088	169379	169380	169381	169669	169670	657945	657946	657947	657929	658029
									SW3	SW8	G3	SW1	SW4	G4	G8	G6A	SW8	SW10	G7a	SW2	G3	G3A	G4	G6A	G5
									WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm
									17-Jun-15	17-Jun-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	15-Jul-15	22-Jul-15	22-Jul-15	22-Jul-15	23-Jul-15	23-Jul-15	18-Jul-2018	18-Jul-2018	18-Jul-2018	19-Jul-2018	17-Jul-2018
									Peat	Crag	Peat	Peat	Peat	Peat	Peat	Peat	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Fluorene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0																		
Diethyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
4-Nitroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Azobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Hexachlorobenzene	mg/l	0.0005	0.00005	42	<0.0005	<0.0005	0																		
Pentachlorophenol	mg/l	0.0005	0.0004	42	<0.0005	<0.0005	0																		
Phenanthrene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0																		
Anthracene	mg/l	0.0005	0.0001	42	<0.0005	<0.0005	0																		
Carbazole	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Fluoranthene	mg/l	0.0005	0.0000063	42	<0.0005	<0.0005	0																		
Pyrene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0																		
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Benzo[a]anthracene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0																		
Chrysene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0																		
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0																		
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0																		
Benzo[a]pyrene	mg/l	0.0005	0.00000017	42	<0.0005	<0.0005	0																		
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0																		
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0																		
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0																		
4-Nitrophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0																		
PCB 28	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101			No WSV	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					
PCB 105	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 90+101	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 114	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 156	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 157	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 167	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 169	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 189	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0														<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	mg/l	0.030	No WSV	42	<0.03	<0.03	0		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)	mg/l	1.0	No WSV	42	2	15	0														4	4	10	10	14
Arsenic (Total)	mg/l	0.001	No WSV	42	0.0015	0.0076	0														0.0016	0.0015	0.0022	0.0021	0.0019
Boron (Total)	mg/l	0.02	7	42	0.028	0.059	0														0.031	0.028	0.045	0.036	0.042
Cadmium (Total)	mg/l	0.00008	No WSV	42	<0.00008	<0.00008	0														<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	42	0.0015	0.016	0														0.0016	0.0015	0.0028	0.0024	0.0022
Copper (Total)	mg/l	0.001	No WSV	42	<0.001	0.031	0														<0.001	<0.001	0.0019	0.0027	<0.001
Iron (Total)	mg/l	0.02	No WSV	42	0.36	0.58	0														0.4	0.36	0.45	0.39	0.42
Manganese (Total)	mg/l	0.001	No WSV	42	<0.001	0.06	0														0.022	0.035	0.012	0.0076	<0.001
Nickel (Total)	mg/l	0.001	No WSV	42	0.001	0.002	0														<0.001	<0.001	0.0012	0.001	0.0012
Lead (Total)	mg/l	0.001	No WSV	42	0.001	0.001	0														<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Total)	mg/l	0.001	No WSV	42	0.0017	0.019	0														0.0022	0.0017	0.0071	0.003	0.0037
Chromium (Trivalent)	mg/l	0.02	No WSV	42	<<0.0001	<0.02	0														<0.02	<0.02	<0.02	<0.02	<0.02
Chromium (Hexavalent)	mg/l	0.02	0.0006	42	0.001	<0.02	5	843056, G8, WATERm; 843057, G5, WATERm; 843058, G6a, WATERm; 843063, G1, WATERm; 843067, G7a, WATERm													<0.02	<0.02	<0.02	<0.02	<0.02

Assessment Criteria :	***Coastal and Estuarine EQS***		
CaCO (mg/l):	**0.00**	**pH**	**0.00**
Calcium (mg/l):	**0.00**	**DOC (mg/l)**	**0.00**
Catchment area:	**Freshwater not listed**		

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	658030	659887	659888	843056	843057	843058	843063	843067	843068
									G5A	G1	G7A	G8	G5	G6a	G1	G7a	G4
									WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm
									17-Jul-2018	24-Jul-2018	24-Jul-2018	11-Jun-2019	11-Jun-2019	11-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019
									Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
pH		N/A	7 - 9.0	42	7.4	8.6	0		7.7	8.3	8.3	8.2	8.1	8	7.9	8.6	8.5
Electrical Conductivity	µS/cm	1.0	No WSV	42	100	1400	0		1200	1100	1100	1300	950	100	930	460	860
Suspended Solids At 105C	mg/l	5.0	No WSV	42	5	2300	0		<5	5	50	450	10	11	2300	24	13
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	42	1	16	0										
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	42	8.7	88	0										
Alkalinity (Total)	mg/l	10	No WSV	42	130	470	0		350	320	310	400	360	360	430	440	400
Chloride	mg/l	1.0	N/A	42	50	330	0		150	330	190	280	120	140	130	160	64
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	42	0.061	0.66	0		0.15	0.3	0.086	0.16	0.36	0.37	0.26	0.35	0.26
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	42	0.078	1.1	0		0.19	0.39	0.11	0.21	0.46	0.47	0.34	0.45	0.34
Nitrite	mg/l	0.020	N/A	42	<0.02	1.1	0		0.58	0.64	0.15	<0.02	0.33	0.2	0.54	0.34	0.16
Nitrate	mg/l	0.50	N/A	42	<0.5	72	0		50	18	5.8	14	52	53	12	7.1	0.68
Phosphate	mg/l	0.200	No WSV	42	0.05	0.9	0		0.31	0.47	0.26	<0.2	0.59	0.51	0.2	0.23	<0.2
Phosphorus (Total)	mg/l	0.020	No WSV	42	<0.02	0.3	0		0.1	0.15	0.085	0.021	0.2	0.17	0.067	0.077	0.06
Sulphate	mg/l	1.0	N/A	42	51	120	0		110	120	79	96	98	98	82	78	93
Total Oxidised Nitrogen	mg/l	0.20	No WSV	42	0.2	16	0		12	4.3	1.4	3.2	12	12	2.9	1.7	0.2
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	42	<0.005	0.006	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	42	95	380	0		150	120	140	380	150	150	130	160	170
Potassium	mg/l	0.50	N/A	42	3.8	63	0		10	7	5.6	63	12	12	9.1	8.7	11
Magnesium	mg/l	0.50	N/A	42	7	30	0		10	9.9	11	30	12	11	11	14	14
Sodium	mg/l	0.50	N/A	42	27	140	0		70	58	57	130	68	69	60	68	40
Arsenic (Dissolved)	mg/l	0.001	0.025	42	<0.001	0.0076	0		0.0018	0.0076	0.0039	0.002	0.0018	0.0016	0.0018	0.0022	0.0016
Boron (Dissolved)	mg/l	0.02	No WSV	42	0.02	0.69	0		0.038	0.043	0.055	0.046	0.054	0.054	0.038	0.063	0.064
Cadmium (Dissolved)	mg/l	0.00008	0.0002	42	<0.00008	0.0002	0		<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	42	<0.001	0.068	0		0.002	0.016	0.0086	0.0017	0.0014	0.0021	0.0021	0.0013	<0.001
Copper (Dissolved)	mg/l	0.001	0.00376	42	<0.001	0.031	3	69876, G7, WATERm; 659887, G1, WATERm; 659888, G7A, WATERm	<0.001	0.031	0.0042	0.0011	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese (Dissolved)	mg/l	0.001	N/A	42	<0.001	17	0		<0.001	0.021	0.057	17	0.64	0.096	1.2	0.15	2.9
Nickel (Dissolved)	mg/l	0.001	0.0086	42	0.001	0.0051	0		0.0011	0.002	<0.001	0.0018	0.0017	0.0016	<0.001	<0.001	0.001
Lead (Dissolved)	mg/l	0.001	0.0013	42	<0.001	0.0011	0		<0.001	0.0011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	0.0079	42	0.0014	0.046	24	69222, G6a, WATERm; 69223, G1, WATERm; 69224, G3, WATERm; 69225, G4, WATERm; 69226, G5, WATERm; 151075, G4, WATERm; 151076, G5, WATERm; 151077, G8, WATERm; 151078, SW1, WATERm; 152244, G1, WATERm; 152245, SW2, WATERm; 155740, G6A, WATERm; 155741, G7A, WATERm; 155742, SW3, WATERm; 166087, G4, WATERm; 166088, G8, WATERm; 169379, G6A, WATERm; 169670, SW2, WATERm; 659887, G1, WATERm; 843056, G8, WATERm; 843057, G5, WATERm; 843058, G6a, WATERm; 843063, G1, WATERm; 843068, G4, WATERm	0.0038	0.019	0.0034	0.012	0.017	0.014	0.039	0.0078	0.0098
Mercury Low Level	mg/l	0.00001	No WSV	42	<0.00001	0.00019	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	1	42	0.02	0.58	0		0.38	0.58	0.55	0.32	0.31	0.26	0.36	0.36	0.39
Dissolved Organic Carbon	mg/l	2.0	No WSV	42	6.5	13	0		11	6.7	6.5	13	10	10	13	10	6.6
Total Organic Carbon	mg/l	2.0	No WSV	42	2.2	14	0		12	7	8	14	11	12	14	13	7
Total TPH >C6-C40	mg/l	0.01	No WSV	42	0.01	0.031	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	0.002	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	0.0001	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	0.0000063	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00000017	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	42	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	42	<0.0002	<0.002	0		<0.002	<0.002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	N/A	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	42	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	42	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	658030	659887	659888	843056	843057	843058	843063	843067	843068
									G5A	G1	G7A	G8	G5	G6a	G1	G7a	G4
									WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm
									17-Jul-2018	24-Jul-2018	24-Jul-2018	11-Jun-2019	11-Jun-2019	11-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019
									Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	42	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	0.0025	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	0.1	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.012	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.008	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.01	42	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	N/A	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	N/A	42	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.074	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	0.3	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	42	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	N/A	42	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	N/A	42	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	42	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.02	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	mg/l	0.001	See Xylenes (total)	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.05	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	42	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.02	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	0.02	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	42	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	42	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	42	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phenol	mg/l	0.0005	0.0077	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Chlorophenol	mg/l	0.0005	0.05	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	mg/l	0.0005	0.02	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	mg/l	0.0005	0.02	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachloroethane	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Methylphenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Nitrobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Isophorone	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitrophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dimethylphenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dichlorophenol	mg/l	0.0005	0.00042	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Naphthalene	mg/l	0.0005	0.002	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chloroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorobutadiene	mg/l	0.0005	0.0006	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methylnaphthalene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Chloronaphthalene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Acenaphthylene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dimethylphthalate	mg/l	0.0005	0.8	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Acenaphthene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3-Nitroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dibenzofuran	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Assessment Criteria :	***Coastal and Estuarine EQS***				
CaCO (mg/l):	**0.00**	**pH**	**0.00**		
Calcium (mg/l):	**0.00**	**DOC (mg/l)**	**0.00**	**Catchment area:**	**Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	658030	659887	659888	843056	843057	843058	843063	843067	843068
									G5A	G1	G7A	G8	G5	G6a	G1	G7a	G4
									WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm	WATERm
									17-Jul-2018	24-Jul-2018	24-Jul-2018	11-Jun-2019	11-Jun-2019	11-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019
									Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fluorene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Diethyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Nitroaniline	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Azobenzene	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorobenzene	mg/l	0.0005	0.00005	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Pentachlorophenol	mg/l	0.0005	0.0004	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phenanthrene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Anthracene	mg/l	0.0005	0.0001	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Carbazole	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fluoranthene	mg/l	0.0005	0.0000063	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Pyrene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[a]anthracene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Chrysene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[a]pyrene	mg/l	0.0005	0.00000017	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Nitrophenol	mg/l	0.0005	No WSV	42	<0.0005	<0.0005	0					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
PCB 28	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101			No WSV	42	<0.01	<0.01	0										
PCB 105	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 90+101	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 114	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 156	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 157	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 167	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 169	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 189	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	42	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	mg/l	0.030	No WSV	42	<0.03	<0.03	0		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)	mg/l	1.0	No WSV	42	2	15	0		15	5	2						
Arsenic (Total)	mg/l	0.001	No WSV	42	0.0015	0.0076	0		0.0018	0.0076	0.0044						
Boron (Total)	mg/l	0.02	7	42	0.028	0.059	0		0.038	0.043	0.059						
Cadmium (Total)	mg/l	0.00008	No WSV	42	<0.00008	<0.00008	0		<0.00008	<0.00008	<0.00008						
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	42	0.0015	0.016	0		0.002	0.016	0.011						
Copper (Total)	mg/l	0.001	No WSV	42	<0.001	0.031	0		<0.001	0.031	0.0033						
Iron (Total)	mg/l	0.02	No WSV	42	0.36	0.58	0		0.39	0.58	0.56						
Manganese (Total)	mg/l	0.001	No WSV	42	<0.001	0.06	0		<0.001	0.022	0.06						
Nickel (Total)	mg/l	0.001	No WSV	42	0.001	0.002	0		0.0012	0.002	<0.001						
Lead (Total)	mg/l	0.001	No WSV	42	0.001	0.001	0		<0.001	0.001	<0.001						
Zinc (Total)	mg/l	0.001	No WSV	42	0.0017	0.019	0		0.0041	0.019	0.0033						
Chromium (Trivalent)	mg/l	0.02	No WSV	42	<<0.0001	<0.02	0		<0.02	<0.02	<0.02	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium (Hexavalent)	mg/l	0.02	0.0006	42	0.001	<0.02	5	843056, G8, WATERm; 843057, G5, WATERm; 843058, G6a, WATERm; 843063, G1, WATERm; 843067, G7a, WATERm	<0.02	<0.02	<0.02	0.002	0.001	0.002	0.002	0.001	<0.001

Appendix K – Groundwater Screening Results

Assessment Criteria : *Drinking Water Standard*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Arsenic	mg/l	0	0.01	134	<0.005	0.077	4	GW24S, 40682, Campaign 1; GW8, 40821, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5
Cadmium	mg/l	0	0.005	134	<0.001	0.002	0	
Chromium	mg/l	0	0.05	134	<0.005	<0.005	0	
Lead	mg/l	0	0.01	134	0.001	0.001	0	
Nickel	mg/l	0	0.02	134	0.001	0.011	0	
Copper	mg/l	0	2	134	<0.005	0.008	0	
Zinc	mg/l	0	3	134	<0.005	0.143	0	
Mercury	mg/l	0	0.001	134	0.0001	<0.001	0	
Iron	mg/l	0	0.2	134	<0.01	54.37	13	PZ_6, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; PZ_6, 40785, Campaign 4; GW8, 40821, Campaign 5; PZ_16, 40815, Campaign 5; GW12, 40819, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; PZ_3, 40870, Campaign 7
Boron	mg/l	0	1	134	<0.005	0.667	0	
Calcium	mg/l		N/A	134	12.4	1297	0	
Magnesium	mg/l		N/A	134	2.3	987.8	0	
Potassium	mg/l		N/A	134	2.4	250.3	0	
Sodium	mg/l		200	134	15.4	8632	55	PZ_3, 40652, Campaign 0; PZ_10, 40653, Campaign 0; PZ_11, 40652, Campaign 0; PZ_15, 40653, Campaign 0; PZ_18, 40652, Campaign 0; PZ_18, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_3, 40689, Campaign 1; PZ_10, 40689, Campaign 1; PZ_11, 40689, Campaign 1; PZ_12, 40689, Campaign 1; PZ_15, 40690, Campaign 1; GW6D, 40721, Campaign 2; PZ_16, 40722, Campaign 2; PZ_3, 40696, Campaign 2; PZ_5, 40696, Campaign 2; PZ_10, 40696, Campaign 2; PZ_11, 40696, Campaign 2; PZ_12, 40696, Campaign 2; PZ_15, 40724, Campaign 2; PZ_16, 40722, Campaign 3; GW6D, 40721, Campaign 3; PZ_15, 40724, Campaign 3; PZ_16, 40771, Campaign 4; PZ_16 DUP, 40771, Campaign 4; GW6d, 40786, Campaign 4; PZ_11, 40786, Campaign 4; PZ_3, 40786, Campaign 4; PZ_5, 40787, Campaign 4; PZ_10, 40787, Campaign 4; PZ_15, 40787, Campaign 4; GW6D, 40815, Campaign 5; PZ_16, 40815, Campaign 5; PZ_15, 40816, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_3, 40851, Campaign 6; Pz_18, 40849, Campaign 6; Pz_10, 40850, Campaign 6; Pz_16, 40850, Campaign 6; Pz_11, 40849, Campaign 6; Pz_15, 40851, Campaign 6; PZ_11, 40869, Campaign 7; PZ_16, 40869, Campaign 7; PZ_18, 40870, Campaign 7; PZ_3, 40870, Campaign 7; PZ_10, 40870, Campaign 7; PZ_15, 40871, Campaign 7;
pH Value	Units		No WSV	134	5.8	11.2	0	
Electrical Conductivity	µS/cm		No WSV	134	269	26100	0	
Sulphate	mg/l		250	134	<1	1197	14	PZ_16, 40687, Campaign 1; PZ_3, 40689, Campaign 1; PZ_5, 40689, Campaign 1; PZ_7, 40689, Campaign 1; PZ_10, 40689, Campaign 1; PZ_11, 40689, Campaign 1; PZ_12, 40689, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; PZ_16, 40771, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_16, 40815, Campaign 5; Pz_16, 40850, Campaign 6; Pz_16, 41263, Campaign 8
Chloride	mg/l		250	134	0.1	8504	73	PZ_3, 40652, Campaign 0; PZ_5, 40653, Campaign 0; PZ_7, 40652, Campaign 0; PZ_10, 40653, Campaign 0; PZ_11, 40652, Campaign 0; PZ_12, 40653, Campaign 0; PZ_15, 40653, Campaign 0; PZ_18, 40652, Campaign 0; PZ_6, 40683, Campaign 1; PZ_18, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; GW6D, 40721, Campaign 2; PZ_16, 40722, Campaign 2; PZ_3, 40696, Campaign 2; PZ_5, 40696, Campaign 2; PZ_7, 40696, Campaign 2; PZ_10, 40696, Campaign 2; PZ_11, 40696, Campaign 2; PZ_12, 40696, Campaign 2; PZ_6, 40724, Campaign 2; PZ_15, 40724, Campaign 2; PZ_16, 40722, Campaign 3; GW6D, 40721, Campaign 3; PZ_6, 40724, Campaign 3; PZ_15, 40724, Campaign 3; PZ_16, 40771, Campaign 4; GW19, 40772, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_6, 40785, Campaign 4; GW6d, 40786, Campaign 4; PZ_7, 40786, Campaign 4; PZ_11, 40786, Campaign 4; PZ_3, 40786, Campaign 4; PZ_5, 40787, Campaign 4; PZ_10, 40787, Campaign 4; PZ_12, 40787, Campaign 4; PZ_15, 40787, Campaign 4; GW6D, 40815, Campaign 5; GW19, 40816, Campaign 5; PZ_16, 40815, Campaign 5; PZ_15, 40816, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; Pz_3, 40851, Campaign 6; Pz_7, 40849, Campaign 6; Pz_18, 40849, Campaign 6; Pz_10, 40850, Campaign 6; Pz_16, 40850,
Nitrate	mg/l		0.05	134	1	214	42	GW1D, 40682, Campaign 1; GW2, 40682, Campaign 1; GW3, 40682, Campaign 1; PZ_14, 40683, Campaign 1; PZ_19, 40687, Campaign 1; PZ_20, 40687, Campaign 1; PZ_21, 40687, Campaign 1; PZ_21, 40722, Campaign 2; PZ_14, 40723, Campaign 2; PZ_20, 40723, Campaign 2; PZ_19, 40723, Campaign 2; GW20, 40724, Campaign 2; GW21, 40724, Campaign 2; GW22, 40725, Campaign 2; GW23, 40725, Campaign 2; PZ_21, 40722, Campaign 3; PZ_14, 40723, Campaign 3; PZ_20, 40723, Campaign 3; PZ_19, 40723, Campaign 3; GW20, 40724, Campaign 3; GW21, 40724, Campaign 3; GW22, 40725, Campaign 3; GW23, 40725, Campaign 3; GW19, 40772, Campaign 4; PZ_14, 40785, Campaign 4; GW5 / PZ_19, 40786, Campaign 4; GW5 / PZ_19 DUP, 40786, Campaign 4; GW6d, 40786, Campaign 4; GN4, 40815, Campaign 5; GN5, 40815, Campaign 5; GW20, 40821, Campaign 5; GW21, 40821, Campaign 5; GW22, 40821, Campaign 5; GW23, 40821, Campaign 5; GW23 DUP, 40821, Campaign 5; GW19, 40816, Campaign 5; PZ_14, 40815, Campaign 5; GW9D, 40819, Campaign 5; GW13, 40819, Campaign 5; PZ_19, 40869, Campaign 7; PZ_21, 40869, Campaign 7; PZ_14, 40870, Campaign 7
Free Cyanide	mg/l	0	See Cyanide (total)	134	0.005	0.01	0	
Total Phenols	mg/l	0	No WSV	134	<0.0005	<0.005	0	
Ammonium as NH4	mg/l		0.5	134	<0.01	84.6	25	PZ_6, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_6, 40724, Campaign 2; PZ_16, 40722, Campaign 3; PZ_6, 40724, Campaign 3; PZ_16, 40771, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_6, 40785, Campaign 4; GW21, 40821, Campaign 5; GW8, 40821, Campaign 5; GW12, 40819, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; PZ_11, 40869, Campaign 7; PZ_16, 40869, Campaign 7; PZ_7, 40870, Campaign 7; PZ_3, 40870, Campaign 7; PZ_10, 40870, Campaign 7; PZ_12, 40870, Campaign 7; PZ_5, 40870, Campaign 7; PZ_6, 40871, Campaign 7; PZ_15, 40871, Campaign 7
BOD	mg/l		No WSV	134	<2	33	0	
COD	mg/l		No WSV	134	<2	120	0	
Alkalinity	mg/l CaCO3		No WSV	134	40	720	0	
Suspended Solids	mg/l		No WSV	134	2	1200	0	
Total Petroleum Hydrocarbons	mg/l	0	No WSV	134	<0.01	0.062	0	
PCB 28	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 52	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 101	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 118	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 138	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 153	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 180	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
Total PCB	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
Naphthalene	mg/l	0	See BaP	134	<0.00001	0.00323	0	
Acenaphthylene	mg/l	0	See BaP	134	0.00001	0.00012	0	
Acenaphthene	mg/l	0	See BaP	134	0.00001	0.00021	0	
Fluorene	mg/l	0	See BaP	134	<0.00001	0.00018	0	
Phenanthrene	mg/l	0	See BaP	134	<0.00001	0.00024	0	
Anthracene	mg/l	0	See BaP	134	0.00001	0.00003	0	
Fluoranthene	mg/l	0	See BaP	134	<0.00001	<0.001	0	
Pyrene	mg/l	0	See BaP	134	<0.00001	0.00019	0	
Benz(a)anthracene	mg/l	0	No WSV	134	<0.00001	0.00012	0	
Chrysene	mg/l	0	See BaP	134	<0.00001	0.00012	0	
Benzo(b)fluoranthene	mg/l	0	See PAH Sum of 4	134	<0.00001	0.00013	0	
Benzo(k)fluoranthene	mg/l	0	See PAH Sum of 4	134	<0.00001	0.00016	0	
Benzo(a)pyrene	mg/l	0	0.00001	134	<0.00001	0.00016	1	GW6D, 40721, Campaign 3
Indeno(123-cd)pyrene	mg/l	0	See PAH Sum of 4	134	<0.00001	<0.00001	0	
Dibenz(ah)anthracene	mg/l	0	See BaP	134	<0.00001	<0.00001	0	
Benzo(ghi)perylene	mg/l	0	See PAH Sum of 4	134	<0.00001	<0.00001	0	
Total PAH	mg/l	0	No WSV	134	<0.00001	0.00377	0	
Benzene	mg/l	0	0.001	134	<0.001	<0.001	0	
Toluene	mg/l	0	0.7	134	<0.001	<0.001	0	
Ethylbenzene	mg/l	0	0.3	134	<0.001	<0.001	0	
m&p-Xylene	mg/l	0	No WSV	134	<0.001	<0.001	0	
o-Xylene	mg/l	0	0.5	134	<0.001	<0.001	0	
cis 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	0.137	0	
1,1-Dichloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0	

Location	PZ_3	PZ_5	PZ_6	PZ_7	PZ_10	PZ_11	PZ_12	PZ_14	PZ_15	PZ_16	PZ_18	PZ_19	PZ_21
Sample ID	40652	40653	40652	40652	40653	40652	40653	40652	40653	40652	40652	40651	40652
Depth	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0
Date													
Strata													
Zone													
Arsenic													
Cadmium													
Chromium													
Lead													
Nickel													
Copper													
Zinc													
Mercury													
Iron													
Boron													
Calcium	12.4	109	123.9	168.6	69.5	131	106.6	44.4	169.7	119.5	928.3	21.5	168.4
Magnesium	8.9	12.6	12.6	16	2.3	20.9	19	7	21.3	15.4	54.9	5.7	12.3
Potassium	222.7	14.9	8.8	8.2	51.5	13	10.2	8.8	16.3	9.9	11.7	9.3	8.3
Sodium	619.1	179.8	95.6	93	615.8	516.9	164.9	41.6	203.9	138	329.3	46.4	66.5
pH Value	10.7	7	7.3	7.3	11.2	7.9	7.5	7.8	7.5	7.5	7.1	6.8	7.2
Electrical Conductivity													
Sulphate	33	6	24	7	36	45	85	54	8	38	40	20	29
Chloride	1117	324	210	316	1141	922	288	37	445	216	2022	54	230
Nitrate													
Free Cyanide													
Total Phenols													
Ammonium as NH4													
BOD													
COD													
Alkalinity													
Suspended Solids													
Total Petroleum Hydrocarbons													
PCB 28													
PCB 52													
PCB 101													
PCB 118													
PCB 138													
PCB 153													
PCB 180													
Total PCB													
Naphthalene													
Acenaphthylene													
Acenaphthene													
Fluorene													
Phenanthrene													
Anthracene													
Fluoranthene													
Pyrene													
Benz(a)anthracene													
Chrysene													
Benzo(b)fluoranthene													
Benzo(k)fluoranthene													
Benzo(a)pyrene													
Indeno(123-cd)pyrene													
Dibenz(ah)anthracene													
Benzo(ghi)perylene													
Total PAH													
Benzene													
Toluene													
Ethylbenzene													
m&p-Xylene													
o-Xylene													
cis 1,2-Dichloroethene													
1,1-Dichloroethane													

Location	GW1D	GW2	GW3	PZ_6	PZ_18	PZ_14	GW24S	PZ_16	PZ_19	PZ_20	PZ_21	PZ_3	PZ_5	PZ_7	PZ_10	PZ_11	PZ_12	PZ_15
Sample ID	40682	40682	40682	40683	40683	40683	40682	40687	40687	40687	40687	40689	40689	40689	40689	40689	40689	40690
Depth	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1
Date																		
Strata																		
Zone																		
Arsenic	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.012	<0.005	<0.005	<0.005	<0.005							
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001							
Chromium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005							
Lead	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001							
Nickel	0.003	0.011	0.002	<0.001	0.003	<0.001	0.002	0.005	0.003	<0.001	0.005							
Copper	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<0.005	<0.005	<0.005							
Zinc	0.05	0.045	0.02	0.014	0.06	0.012	0.021	0.061	0.029	0.029	0.037							
Mercury	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	0.0006	<0.0001							
Iron	<0.01	<0.01	<0.01	9.693	0.036	0.013	3.5	21.91	0.096	<0.01	<0.01							
Boron	0.403	<0.005	<0.005	0.027	<0.005	<0.005	0.102	0.417	<0.005	<0.005	<0.005							
Calcium	210.6	87.7	131.1	196.4	1079	53.8	166.2	1153	19.4	51.7	203.9	18	102.4	171.2	43.4	130.8	121.1	186.9
Magnesium	19.5	28.6	12.4	19.4	53.8	8	59.8	466.5	6.8	16.3	15	9.3	12.1	16.8	5.5	21.7	31.1	17.2
Potassium	7.4	4.5	3.7	8.9	7	4.2	15.9	36.5	2.7	4.3	5.6	203.5	12.1	5.8	44.7	9.9	10.6	6.7
Sodium	95.7	31	32.1	170.1	299.3	37.2	443.6	4703	47.9	23.2	66.9	629.5	167.2	90.3	571.5	492.7	232.1	208.6
pH Value	6.5	5.8	6.6	7.1	6.8	7.7	7.2	6.9	6.3	7.1	7.1	10.3	6.9	7.3	10.5	8	7.5	7.3
Electrical Conductivity	1384	692	928	1589	5370	490	2860	21600	290	481	1330							
Sulphate	114	94	103	8	34	56	<1	981	28	27	28	940	290	294	903	780	396	<5
Chloride	130	61	99	330	1351	42	764	8504	66	176	160	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrate	75	176	154	<1	<1	33	<1	<1	67	55	67							
Free Cyanide	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005							
Total Phenols	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005							
Ammonium as NH4	<0.1	<0.1	<0.1	8.2	<0.1	<0.1	4.1	0.85	0.02	0.02	0.11							
BOD	<2	<2	<2	<2	<2	<2	<2	5	<2	<2	<2							
COD	<2	<2	<2	<2	<2	<2	<2	50	<2	<2	<2							
Alkalinity	510	60	180	380	230	200	270	290	80	280	180							
Suspended Solids	6	12	12	16	14	12	4	58	<5	<5	<5							
Total Petroleum Hydrocarbons	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01							
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 101	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
Total PCB	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
Naphthalene																		
Acenaphthylene																		
Acenaphthene																		
Fluorene																		
Phenanthrene																		
Anthracene																		
Fluoranthene																		
Pyrene																		
Benz(a)anthracene																		
Chrysene																		
Benzo(b)fluoranthene																		
Benzo(k)fluoranthene																		
Benzo(a)pyrene																		
Indeno(123-cd)pyrene																		
Dibenz(ah)anthracene																		
Benzo(ghi)perylene																		
Total PAH																		
Benzene																		
Toluene																		
Ethylbenzene																		
m&p-Xylene																		
o-Xylene																		
cis 1,2-Dichloroethene																		
1,1-Dichloroethane																		

Location	GW6D	PZ_21	PZ_16	PZ_3	PZ_5	PZ_7	PZ_10	PZ_11	PZ_12	PZ_14	PZ_20	PZ_19	PZ_6	GW20	GW21	GW22	GW23	PZ_15
Sample ID	40721	40722	40722	40696	40696	40696	40696	40696	40696	40723	40723	40723	40724	40724	40724	40725	40725	40724
Depth	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2
Date																		
Strata																		
Zone																		
Arsenic	<0.005	<0.005	<0.005							<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Cadmium	<0.001	<0.001	<0.001							<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chromium	<0.005	<0.005	<0.005							<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Lead	<0.001	<0.001	<0.001							<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Nickel	0.003	0.002	0.005							<0.001	0.003	0.004	<0.001	<0.001	0.003	0.002	0.001	
Copper	<0.005	<0.005	0.008							<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Zinc	0.143	0.045	0.099							0.017	0.065	0.055	0.014	0.013	0.076	0.022	0.015	
Mercury	<0.0001	<0.0001	<0.0001							<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Iron	<0.01	<0.01	18.64							<0.01	<0.01	0.057	0.036	0.072	0.05	0.011	<0.01	
Boron	0.105	0.144	0.667							0.049	0.038	0.08	0.082	0.077	0.141	0.151	0.176	
Calcium	803.7	188.9	1297	187.8	122.8	161.5	47.3	129.8	505	43.2	43.4	14.6	155.7	108.5	62.9	84	111	195.9
Magnesium	44.5	14.9	533.8	37.6	49.5	15.8	4.4	18.1	987.8	7.5	14.2	5.1	15.8	18.3	7.3	5.9	6.6	17.4
Potassium	5.3	5.5	38.3	30.2	21.4	4.9	47.2	8.9	250.3	3.5	3.8	2.4	6.7	4.2	2.7	5.5	2.8	5.8
Sodium	232.1	66	5336	525.4	477.1	88.3	575.1	496.6	8632	32.5	17.9	30.3	141.8	24.6	23.6	16.2	20	211.9
pH Value	7.4	7.6	7	7.3	7.1	7.2	10.1	7.7	7.1	7.5	6.6	5.9	7.2	7.4	6.4	7	7.3	7.3
Electrical Conductivity	5190	1281	26100							424	490	269	1599	899	568	597	740	
Sulphate	51	32	1197	11	79	<5	32	64	180	57	20	21	9	49	47	35	100	5
Chloride	1381	203	1270	914	766	289	881	763	1345	36	56	31	315	72	42	36	48	500
Nitrate	<1	16	<1							29	127	69	<1	191	118	101	47	
Free Cyanide	<0.005	<0.005	<0.005							<0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.005	<0.005	
Total Phenols	<0.0005	<0.0005	<0.0005							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
Ammonium as NH4	0.34	0.04	3.71							0.01	0.02	0.02	10.06	0.01	<0.01	<0.01	0.11	
BOD	<2	9	22							<2	<2	<2	<2	<2	<2	<2	<2	
COD	<2	<2	78							<2	<2	<2	<2	<2	<2	3	<2	
Alkalinity	230	390	360							130	120	70	350	240	60	120	190	
Suspended Solids	<5	64	16							20	10	56	66	102	198	68	58	
Total Petroleum Hydrocarbons	<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
PCB 28	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 52	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 101	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 118	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 138	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 153	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 180	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
Total PCB	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
Naphthalene																		
Acenaphthylene																		
Acenaphthene																		
Fluorene																		
Phenanthrene																		
Anthracene																		
Fluoranthene																		
Pyrene																		
Benz(a)anthracene																		
Chrysene																		
Benzo(b)fluoranthene																		
Benzo(k)fluoranthene																		
Benzo(a)pyrene																		
Indeno(123-cd)pyrene																		
Dibenz(ah)anthracene																		
Benzo(ghi)perylene																		
Total PAH																		
Benzene																		
Toluene																		
Ethylbenzene																		
m&p-Xylene																		
o-Xylene																		
cis 1,2-Dichloroethene																		
1,1-Dichloroethane																		

Assessment Criteria :	Drinking Water Standard				
CaCO (mg/l):	0.00	pH	0.00		
Calcium (mg/l):	0.00	DOC (mg/l)	0.00	Catchment area:	Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Strata	Zone
Chloroform	mg/l	0	See Trihalomethanes	134	0.001	0.001	0			
Carbontetrachloride	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,1,1-Trichloroethane	mg/l	0	2	134	<0.001	0.003	0			
Trichloroethylene	mg/l	0	0.01 (sum of TCE & PCE)	134	<0.001	<0.001	0			
Tetrachloroethylene	mg/l	0	0.01 (sum of TCE & PCE)	134	<0.001	0.031	0			
1,1,1,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,1,2,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0			
Chlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
Bromobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
Bromodichloromethane	mg/l	0	See Trihalomethanes	134	<0.001	<0.001	0			
Methylethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,1-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,2-Dichloroethane	mg/l	0	0.003	134	<0.001	0.132	1	GW20, 40821, Campaign 5		
2-2-Dichloropropane	mg/l	0	No WSV	134	<0.001	0.002	0			
Bromochloromethane	mg/l	0	No WSV	134	0.001	0.001	0			
trans 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	<0.001	0			
Dibromomethane	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,2-Dichloropropane	mg/l	0	0.04	134	<0.001	<0.001	0			
cis 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0			
trans 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	0.003	0			
1,1,2-Trichloroethane	mg/l	0	N/A	134	<0.001	<0.001	0			
Dibromochloromethane	mg/l	0	See Trihalomethanes	134	<0.001	<0.001	0			
1,3-Dichloropropane	mg/l	0	No WSV	134	<0.001	<0.001	0			
Dibromoethane	mg/l	0	No WSV	134	<0.001	<0.001	0			
Styrene	mg/l	0	0.02	134	<0.001	<0.001	0			
Propylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
2-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,2,4-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
4-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0			
tert-Butylbenzene	mg/l	0	No WSV	134	0.001	0.001	0			
1,3,5-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
1-methylpropylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
o-Cymene	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,4-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
sec-Butylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,2-Dibromo-3-chloropropane	mg/l	0	0.001	134	<0.001	<0.001	0			
Hexachlorobutadiene	mg/l	0	0.0006	134	<0.001	<0.001	0			
1,2,3-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,2,4-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,3-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
1,2-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0			
Vinyl Chloride	mg/l	0	0.0005	134	<0.001	<0.001	0			

Location	PZ_3	PZ_5	PZ_6	PZ_7	PZ_10	PZ_11	PZ_12	PZ_14	PZ_15	PZ_16	PZ_18	PZ_19	PZ_21	GW1D	GW2	GW3	PZ_6	PZ_18	PZ_14	GW24S	PZ_16	PZ_19	PZ_20	PZ_21	PZ_3	PZ_5	PZ_7	PZ_10	PZ_11	PZ_12	PZ_15	GW6D	PZ_21	PZ_16	PZ_3	PZ_5	PZ_7	PZ_10	PZ_11	PZ_12	PZ_14	PZ_20	PZ_19	PZ_6	GW20	GW21	GW22	GW23	PZ_15
Sample ID	40652	40653	40652	40652	40653	40652	40653	40652	40653	40652	40652	40651	40652	40682	40682	40682	40683	40683	40683	40682	40687	40687	40687	40687	40689	40689	40689	40689	40689	40689	40690	40721	40722	40722	40696	40696	40696	40696	40696	40696	40723	40723	40723	40724	40724	40724	40725	40725	40724
Depth	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2
Date																																																	
Strata																																																	
Zone																																																	
Chloroform																																																	
Carbontetrachloride																																																	
1,1,1-Trichloroethane																																																	
Trichloroethylene																																																	
Tetrachloroethylene																																																	
1,1,1,2-Tetrachloroethane																																																	
1,1,2,2-Tetrachloroethane																																																	
Chlorobenzene																																																	
Bromobenzene																																																	
Bromodichloromethane																																																	
Methylethylbenzene																																																	
1,1-Dichloro-1-Propene																																																	
1,2-Dichloroethane																																																	
2-2-Dichloropropane																																																	
Bromochloromethane																																																	
trans 1,2-Dichloroethene																																																	
Dibromomethane																																																	
1,2-Dichloropropane																																																	
cis 1,3-Dichloro-1-Propene																																																	
trans 1,3-Dichloro-1-Propene																																																	
1,1,2-Trichloroethane																																																	
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1,3-Dichloropropane																																																	
Dibromoethane																																																	
Styrene																																																	
Propylbenzene																																																	
2-Chlorotoluene																																																	
1,2,4-Trimethylbenzene																																																	
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1,3,5-Trimethylbenzene																																																	
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1,2-Dibromo-3-chloropropane																																																	
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1,2,3-Trichlorobenzene																																																	
1,2,4-Trichlorobenzene																																																	
1,3-Dichlorobenzene																																																	
1,2-Dichlorobenzene																																																	
Vinyl Chloride																																																	

Assessment Criteria : *Drinking Water Standard*

CaCO (mg/l): 0.00 pH 0.00

Calcium (mg/l): 0.00 DOC (mg/l) 0.00 Catchment area: Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Arsenic	mg/l	0	0.01	134	<0.005	0.077	4	GW24S, 40682, Campaign 1; GW8, 40821, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5
Cadmium	mg/l	0	0.005	134	<0.001	0.002	0	
Chromium	mg/l	0	0.05	134	<0.005	<0.005	0	
Lead	mg/l	0	0.01	134	0.001	0.001	0	
Nickel	mg/l	0	0.02	134	0.001	0.011	0	
Copper	mg/l	0	2	134	<0.005	0.008	0	
Zinc	mg/l	0	3	134	<0.005	0.143	0	
Mercury	mg/l	0	0.001	134	0.0001	<0.001	0	
Iron	mg/l	0	0.2	134	<0.01	54.37	13	PZ_6, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; PZ_6, 40785, Campaign 4; GW8, 40821, Campaign 5; PZ_16, 40815, Campaign 5; GW12, 40819, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; PZ_3, 40870, Campaign 7
Boron	mg/l	0	1	134	<0.005	0.667	0	
Calcium	mg/l		N/A	134	12.4	1297	0	
Magnesium	mg/l		N/A	134	2.3	987.8	0	
Potassium	mg/l		N/A	134	2.4	250.3	0	
Sodium	mg/l		200	134	15.4	8632	55	PZ_3, 40652, Campaign 0; PZ_10, 40653, Campaign 0; PZ_11, 40652, Campaign 0; PZ_15, 40653, Campaign 0; PZ_18, 40652, Campaign 0; PZ_18, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_3, 40689, Campaign 1; PZ_10, 40689, Campaign 1; PZ_11, 40689, Campaign 1; PZ_12, 40689, Campaign 1; PZ_15, 40690, Campaign 1; GW6D, 40721, Campaign 2; PZ_16, 40722, Campaign 2; PZ_3, 40696, Campaign 2; PZ_5, 40696, Campaign 2; PZ_10, 40696, Campaign 2; PZ_11, 40696, Campaign 2; PZ_12, 40696, Campaign 2; PZ_15, 40724, Campaign 2; PZ_16, 40722, Campaign 3; GW6D, 40721, Campaign 3; PZ_15, 40724, Campaign 3; PZ_16, 40771, Campaign 4; PZ_16 DUP, 40771, Campaign 4; GW6d, 40786, Campaign 4; PZ_11, 40786, Campaign 4; PZ_3, 40786, Campaign 4; PZ_5, 40787, Campaign 4; PZ_10, 40787, Campaign 4; PZ_15, 40787, Campaign 4; GW6D, 40815, Campaign 5; PZ_16, 40815, Campaign 5; PZ_15, 40816, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_3, 40851, Campaign 6; Pz_18, 40849, Campaign 6; Pz_10, 40850, Campaign 6; Pz_16, 40850, Campaign 6; Pz_11, 40849, Campaign 6; Pz_15, 40851, Campaign 6; PZ_11, 40869, Campaign 7; PZ_16, 40869, Campaign 7; PZ_18, 40870, Campaign 7; PZ_3, 40870, Campaign 7; PZ_10, 40870, Campaign 7; PZ_15, 40871, Campaign 7;
pH Value	Units		No WSV	134	5.8	11.2	0	
Electrical Conductivity	µS/cm		No WSV	134	269	26100	0	
Sulphate	mg/l		250	134	<1	1197	14	PZ_16, 40687, Campaign 1; PZ_3, 40689, Campaign 1; PZ_5, 40689, Campaign 1; PZ_7, 40689, Campaign 1; PZ_10, 40689, Campaign 1; PZ_11, 40689, Campaign 1; PZ_12, 40689, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; PZ_16, 40771, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_16, 40815, Campaign 5; Pz_16, 40850, Campaign 6; Pz_16, 41263, Campaign 8
Chloride	mg/l		250	134	0.1	8504	73	PZ_3, 40652, Campaign 0; PZ_5, 40653, Campaign 0; PZ_7, 40652, Campaign 0; PZ_10, 40653, Campaign 0; PZ_11, 40652, Campaign 0; PZ_12, 40653, Campaign 0; PZ_15, 40653, Campaign 0; PZ_18, 40652, Campaign 0; PZ_6, 40683, Campaign 1; PZ_18, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; GW6D, 40721, Campaign 2; PZ_16, 40722, Campaign 2; PZ_3, 40696, Campaign 2; PZ_5, 40696, Campaign 2; PZ_7, 40696, Campaign 2; PZ_10, 40696, Campaign 2; PZ_11, 40696, Campaign 2; PZ_12, 40696, Campaign 2; PZ_6, 40724, Campaign 2; PZ_15, 40724, Campaign 2; PZ_16, 40722, Campaign 3; GW6D, 40721, Campaign 3; PZ_6, 40724, Campaign 3; PZ_15, 40724, Campaign 3; PZ_16, 40771, Campaign 4; GW19, 40772, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_6, 40785, Campaign 4; GW6d, 40786, Campaign 4; PZ_7, 40786, Campaign 4; PZ_11, 40786, Campaign 4; PZ_3, 40786, Campaign 4; PZ_5, 40787, Campaign 4; PZ_10, 40787, Campaign 4; PZ_12, 40787, Campaign 4; PZ_15, 40787, Campaign 4; GW6D, 40815, Campaign 5; GW19, 40816, Campaign 5; PZ_16, 40815, Campaign 5; PZ_15, 40816, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; Pz_3, 40851, Campaign 6; Pz_7, 40849, Campaign 6; Pz_18, 40849, Campaign 6; Pz_10, 40850, Campaign 6; Pz_16, 40850
Nitrate	mg/l		0.05	134	1	214	42	GW1D, 40682, Campaign 1; GW2, 40682, Campaign 1; GW3, 40682, Campaign 1; PZ_14, 40683, Campaign 1; PZ_19, 40687, Campaign 1; PZ_20, 40687, Campaign 1; PZ_21, 40687, Campaign 1; PZ_21, 40722, Campaign 2; PZ_14, 40723, Campaign 2; PZ_20, 40723, Campaign 2; PZ_19, 40723, Campaign 2; GW20, 40724, Campaign 2; GW21, 40724, Campaign 2; GW22, 40725, Campaign 2; GW23, 40725, Campaign 2; PZ_21, 40722, Campaign 3; PZ_14, 40723, Campaign 3; PZ_20, 40723, Campaign 3; PZ_19, 40723, Campaign 3; GW20, 40724, Campaign 3; GW21, 40724, Campaign 3; GW22, 40725, Campaign 3; GW23, 40725, Campaign 3; GW19, 40772, Campaign 4; PZ_14, 40785, Campaign 4; GW5 / PZ_19, 40786, Campaign 4; GW5 / PZ_19 DUP, 40786, Campaign 4; GW6d, 40786, Campaign 4; GN4, 40815, Campaign 5; GN5, 40815, Campaign 5; GW20, 40821, Campaign 5; GW21, 40821, Campaign 5; GW22, 40821, Campaign 5; GW23, 40821, Campaign 5; GW23 DUP, 40821, Campaign 5; GW19, 40816, Campaign 5; PZ_14, 40815, Campaign 5; GW9D, 40819, Campaign 5; GW13, 40819, Campaign 5; PZ_19, 40869, Campaign 7; PZ_21, 40869, Campaign 7; PZ_14, 40870, Campaign 7
Free Cyanide	mg/l	0	See Cyanide (total)	134	0.005	0.01	0	
Total Phenols	mg/l	0	No WSV	134	<0.0005	<0.005	0	
Ammonium as NH4	mg/l		0.5	134	<0.01	84.6	25	PZ_6, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_6, 40724, Campaign 2; PZ_16, 40722, Campaign 3; PZ_6, 40724, Campaign 3; PZ_16, 40771, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_6, 40785, Campaign 4; GW21, 40821, Campaign 5; GW8, 40821, Campaign 5; GW12, 40819, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; PZ_11, 40869, Campaign 7; PZ_16, 40869, Campaign 7; PZ_7, 40870, Campaign 7; PZ_3, 40870, Campaign 7; PZ_10, 40870, Campaign 7; PZ_12, 40870, Campaign 7; PZ_5, 40870, Campaign 7; PZ_6, 40871, Campaign 7; PZ_15, 40871, Campaign 7
BOD	mg/l		No WSV	134	<2	33	0	
COD	mg/l		No WSV	134	<2	120	0	
Alkalinity	mg/l CaCO3		No WSV	134	40	720	0	
Suspended Solids	mg/l		No WSV	134	2	1200	0	
Total Petroleum Hydrocarbons	mg/l	0	No WSV	134	<0.01	0.062	0	
PCB 28	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 52	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 101	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 118	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 138	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 153	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 180	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
Total PCB	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
Naphthalene	mg/l	0	See BaP	134	<0.00001	0.00323	0	
Acenaphthylene	mg/l	0	See BaP	134	0.00001	0.00012	0	
Acenaphthene	mg/l	0	See BaP	134	0.00001	0.00021	0	
Fluorene	mg/l	0	See BaP	134	<0.00001	0.00018	0	
Phenanthrene	mg/l	0	See BaP	134	<0.00001	0.00024	0	
Anthracene	mg/l	0	See BaP	134	0.00001	0.00003	0	
Fluoranthene	mg/l	0	See BaP	134	<0.00001	<0.001	0	
Pyrene	mg/l	0	See BaP	134	<0.00001	0.00019	0	
Benz(a)anthracene	mg/l	0	No WSV	134	<0.00001	0.00012	0	
Chrysene	mg/l	0	See BaP	134	<0.00001	0.00012	0	
Benzo(b)fluoranthene	mg/l	0	See PAH Sum of 4	134	<0.00001	0.00013	0	
Benzo(k)fluoranthene	mg/l	0	See PAH Sum of 4	134	<0.00001	0.00016	0	
Benzo(a)pyrene	mg/l	0	0.00001	134	<0.00001	0.00016	1	GW6D, 40721, Campaign 3
Indeno(123-cd)pyrene	mg/l	0	See PAH Sum of 4	134	<0.00001	<0.00001	0	
Dibenz(ah)anthracene	mg/l	0	See BaP	134	<0.00001	<0.00001	0	
Benzo(ghi)perylene	mg/l	0	See PAH Sum of 4	134	<0.00001	<0.00001	0	
Total PAH	mg/l	0	No WSV	134	<0.00001	0.00377	0	
Benzene	mg/l	0	0.001	134	<0.001	<0.001	0	
Toluene	mg/l	0	0.7	134	<0.001	<0.001	0	
Ethylbenzene	mg/l	0	0.3	134	<0.001	<0.001	0	
m&p-Xylene	mg/l	0	No WSV	134	<0.001	<0.001	0	
o-Xylene	mg/l	0	0.5	134	<0.001	<0.001	0	
cis 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	0.137	0	
1,1-Dichloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0	

Constituents	PZ_21	PZ_16	GW6D	PZ_14	PZ_20	PZ_19	PZ_6	GW20	GW21	GW22	GW23	PZ_15	PZ_16	GW19	PZ_16 DUP	PZ_6	PZ_14
	40722	40722	40721	40723	40723	40723	40724	40724	40724	40725	40725	40724	40771	40772	40771	40785	40785
	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4
Arsenic	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Chromium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Lead	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	0.002	0.005	0.003	<0.001	0.003	0.004	<0.001	<0.001	0.003	0.002	0.001		0.002	0.002	0.002	<0.001	<0.001
Copper	<0.005	0.008	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		0.007	<0.005	<0.005	<0.005	<0.005
Zinc	0.045	0.099	0.143	0.017	0.065	0.055	0.014	0.013	0.076	0.022	0.015		0.044	0.054	0.053	0.016	0.009
Mercury	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	0.0002	<0.0001	<0.0001	<0.0001
Iron	<0.01	18.64	<0.01	<0.01	<0.01	0.057	0.036	0.072	0.05	0.011	<0.01		<0.01	<0.01	0.085	0.317	<0.01
Boron	0.144	0.667	0.105	0.049	0.038	0.08	0.082	0.077	0.141	0.151	0.176		<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	188.9	1297	803.7	43.2	43.4	14.6	155.7	108.5	62.9	84	111	195.9	1066	211.2	1035	221.8	76.5
Magnesium	14.9	533.8	44.5	7.5	14.2	5.1	15.8	18.3	7.3	5.9	6.6	17.4	295.9	16.2	264.8	18.7	6.5
Potassium	5.5	38.3	5.3	3.5	3.8	2.4	6.7	4.2	2.7	5.5	2.8	5.8	26.9	6.9	24.4	8.7	3.5
Sodium	66	5336	232.1	32.5	17.9	30.3	141.8	24.6	23.6	16.2	20	211.9	3578	92.2	2954	159.9	26
pH Value	7.6	7	7.4	7.5	6.6	5.9	7.2	7.4	6.4	7	7.3	7.3	6.5	7.2	6.5	6.9	7.5
Electrical Conductivity	1281	26100	5190	424	490	269	1599	899	568	597	740		21300	1442	20200	1558	411
Sulphate	32	1197	51	57	20	21	9	49	47	35	100	5	932	31	850	8	51
Chloride	203	1270	1381	36	56	31	315	72	42	36	48	500	6844	354	6599	321	28
Nitrate	16	<1	<1	29	127	69	<1	191	118	101	47		<1	24	<1	<1	27
Free Cyanide	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
Total Phenols	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Ammonium as NH4	0.04	3.71	0.34	0.01	0.02	0.02	10.06	0.01	<0.01	<0.01	0.11		1.22	0.32	1.19	6.97	0.16
BOD	9	22	<2	<2	<2	<2	<2	<2	<2	<2	<2					<2	<2
COD	<2	78	<2	<2	<2	<2	<2	<2	<2	3	<2					<2	<2
Alkalinity	390	360	230	130	120	70	350	240	60	120	190					420	80
Suspended Solids	64	16	<5	20	10	56	66	102	198	68	58					122	8
Total Petroleum Hydrocarbons	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					<0.01	<0.01
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001
PCB 101	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001
Total PCB	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001
Naphthalene	<0.00001	<0.00001	0.00011	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	<0.00001	<0.00001	0.00003	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	<0.00001	<0.00001	0.00006	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	<0.00001	<0.00001	0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	<0.00001	<0.00001	0.00021	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	<0.00001	<0.00001	0.00019	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benz(a)anthracene	<0.00001	<0.00001	0.00012	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	<0.00001	<0.00001	0.00012	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(b)fluoranthene	<0.00001	<0.00001	0.00013	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(k)fluoranthene	<0.00001	<0.00001	0.00016	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(a)pyrene	<0.00001	<0.00001	0.00016	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(123-cd)pyrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(ah)anthracene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(ghi)perylene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PAH	<0.00001	<0.00001	0.0013	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
m&p-Xylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001

Constituents	GW5 / PZ_19	GW5 / PZ_19 DUP	GW6d	PZ_7	PZ_11	PZ_3	PZ_5	PZ_10	PZ_12	PZ_15	GN4	GN5	GW20	GW21	GW22	GW23	GW23 DUP
	40786	40786	40786	40786	40786	40786	40787	40787	40787	40787	40815	40815	40821	40821	40821	40821	40821
	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5
Arsenic	<0.005	<0.005	<0.005								<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium	<0.001	<0.001	<0.001								0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium	<0.005	<0.005	<0.005								<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	0.01	0.01	0.003								0.004	0.004	<0.001	0.003	0.004	0.002	0.002
Copper	<0.005	<0.005	<0.005								<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Zinc	0.026	0.024	0.027								0.055	0.031	0.01	0.028	0.03	0.013	0.011
Mercury	<0.0001	<0.0001	<0.0001								<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Iron	0.072	0.068	0.11								<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Boron	0.016	<0.005	<0.005								<0.005	0.055	<0.005	0.021	0.039	0.035	0.023
Calcium	15.8	13.7	917.7	186.5	125.6	76.6	244	37.1	52.2	207.3	53.5	25.5	112.3	68.4	122.2	107.1	108.8
Magnesium	5.9	5.9	48.7	14.7	17.3	34	27.6	5.3	10.4	19.8	15.5	5.5	25.6	7.9	12.7	8.6	8.8
Potassium	2.6	2.6	5.8	5.7	9.6	141.5	28.8	43.6	3.7	7.7	4.3	2.4	6.7	3.2	5	3.2	3.2
Sodium	27.2	27	270	87.8	510.8	688.4	369.9	540.2	72.6	232.4	15.4	27.5	32	27.8	31	22.6	27.3
pH Value	6	5.9	6.7	7.1	7.2	8.1	6.8	8.1	7.5	7.1	6.5	6.2	7.3	6.5	6.6	7.3	7.4
Electrical Conductivity	281	290	5380								477	279	874	564	798	656	680
Sulphate	15	15	36	<5	30	<5	<5	29	59	<5	18	18	52	49	90	107	107
Chloride	24	24	1236	302	775	939	273	895	257	482	51	27	71	45	57	50	50
Nitrate	74	74	70								137	74	214	122	173	59	60
Free Cyanide	<0.005	<0.005	<0.005								0.01	0.007	<0.005	<0.005	<0.005	<0.005	<0.005
Total Phenols	<0.0005	<0.0005	<0.0005								<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005
Ammonium as NH4	0.03	0.03	0.21								0	0	0.03	9	0.02	0.06	0.03
BOD	<2	<2	<2								<2	<2					
COD	<2	<2	<2								<2	<2	<2	<2	<2	<2	<2
Alkalinity	60	40	210								60	50	160	120	140	180	170
Suspended Solids	24	40	1200								6	<5	36	36	6	14	8
Total Petroleum Hydrocarbons	0.062	0.029	0.03								<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB 28	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCB	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Naphthalene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00017	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00018	0.00004	0.00002	0.00004	0.00004
Phenanthrene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00022	0.00003	0.00002	0.00003	0.00003
Anthracene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00003	0.00001	<0.00001	0.00002	<0.00001
Fluoranthene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00008	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00007	<0.00001	<0.00001	<0.00001	<0.00001
Benz(a)anthracene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(b)fluoranthene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(k)fluoranthene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(a)pyrene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(123-cd)pyrene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(ah)anthracene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(ghi)perylene	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PAH	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00076	0.00008	0.00004	0.00009	0.00007
Benzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m&p-Xylene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	<0.001	<0.001	<0.001								<0.001	<0.001	0.137	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Constituents	GW7	GW8	GW6D	GW19	PZ_14	PZ_16	PZ_15	GW12	GW95	GW9D	Pz_6	GW13	Pz_3	Pz_7	Pz_18	Pz_10
	40821	40821	40815	40816	40815	40815	40816	40819	40819	40819	40819	40819	40851	40849	40849	40850
	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 6	Campaign 6	Campaign 6	Campaign 6
Arsenic	0.009	0.031	<0.005	<0.005	<0.005	<0.005		<0.005	0.077	0.03	<0.005	<0.005				
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Chromium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005				
Lead	<0.001	<0.001	0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Nickel	0.001	0.002	0.009	0.004	0.003	0.006		0.002	<0.001	<0.001	<0.001	0.002				
Copper	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005				
Zinc	0.007	0.013	0.093	0.045	0.033	0.083		0.036	0.031	0.012	<0.005	0.048				
Mercury	<0.0001	<0.0001	0.0008	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				
Iron	<0.01	2.339	0.113	<0.01	<0.01	10.8		25.6	54.37	34.13	9.101	0.034				
Boron	0.084	0.616	0.015	0.049	0.03	0.106		0.046	0.274	0.55	0.059	0.036				
Calcium	44.2	106.5	1158	218.8	48.5	1147		90	111	102.5	135.3	70.3	149.2	213	641.8	99.9
Magnesium	22.2	40.2	65.9	17	9.1	351.5	16.5	16.4	37.3	53.9	15.2	12	33.6	15.8	35.2	19.9
Potassium	7.3	44.9	9.3	8.5	4.6	31.8	6.9	11.5	25.7	30	7.1	6.4	96.4	5.3	7.9	30.7
Sodium	47.1	126.7	456.9	107.3	60.4	3221	214.9	83.5	231.3	377.9	132.7	66.6	230.8	95.4	226.4	426.5
pH Value	7.7	7.4	6.8	6.9	7.5	6.6	6.9	6.7	7	6.8	6.9	7.4	7.3	7	6.8	7.3
Electrical Conductivity	511	1280	7120	1493	444	18710		800	1800	2900	1300	500				
Sulphate	20	13	66	29	57	855	7	<5	<5	<5	7	43	8	15	19	6
Chloride	35	118	2434	258	54	6382	488	136	298	618	329	86	991	318	1453	836
Nitrate	<5	<5	<1	25	36	<1		<1	<1	1	<1	4				
Free Cyanide	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005				
Total Phenols	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
Ammonium as NH4	0.04	4.24	0.03	0.02	0.07	0.05		4.24	5.29	3.18	2.12	0.32				
BOD			<2	<2	<2	33		<2	<2	5	<2	<2				
COD	<2	21	<2	<2	<2	120		12	21	22	<2	9				
Alkalinity	260	590	300	360	150	400		420	650	720	420	300				
Suspended Solids	2	14	134	22	2	152		42	42	60	22	6				
Total Petroleum Hydrocarbons	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 101	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Total PCB	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Naphthalene	<0.001	<0.00001	<0.00001	0.00005	<0.00001	<0.00001		0.00323	0.00099	0.00067	0.0006	0.00081				
Acenaphthylene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		0.00012	<0.00001	<0.00001	<0.00001	<0.00001				
Acenaphthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	0.00002	0.00021	0.00001	0.00001				
Fluorene	0.00003	0.00003	0.00008	0.00009	<0.00001	<0.00001		0.00017	<0.00001	<0.00001	0.00013	0.00012				
Phenanthrene	<0.00001	<0.00001	0.00009	0.00014	<0.00001	<0.00001		0.00024	0.00015	0.00005	0.00013	0.00008				
Anthracene	<0.00001	<0.00001	0.00001	0.00001	<0.00001	<0.00001		0.00001	0.00001	0.00001	<0.00001	<0.00001				
Fluoranthene	<0.00001	<0.001	0.00003	0.00004	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Pyrene	<0.00001	<0.00001	0.00003	0.00004	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Benz(a)anthracene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Chrysene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Benzo(b)fluoranthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Benzo(k)fluoranthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Benzo(a)pyrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Indeno(123-cd)pyrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Dibenz(ah)anthracene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Benzo(ghi)perylene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Total PAH	0.00003	0.00003	0.00024	0.00037	<0.00001	<0.00001		0.00377	0.00117	0.00094	0.00087	0.00102				
Benzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Toluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Ethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
m&p-Xylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
o-Xylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
cis 1,2-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1-Dichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				

Assessment Criteria : *Drinking Water Standard*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Chloroform	mg/l	0	See Trihalomethanes	134	0.001	0.001	0	
Carbontetrachloride	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,1,1-Trichloroethane	mg/l	0	2	134	<0.001	0.003	0	
Trichloroethylene	mg/l	0	0.01 (sum of TCE & PCE)	134	<0.001	<0.001	0	
Tetrachloroethylene	mg/l	0	0.01 (sum of TCE & PCE)	134	<0.001	0.031	0	
1,1,1,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,1,2,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
Chlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Bromobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Bromodichloromethane	mg/l	0	See Trihalomethanes	134	<0.001	<0.001	0	
Methylethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,1-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dichloroethane	mg/l	0	0.003	134	<0.001	0.132	1	GW20, 40821, Campaign 5
2-2-Dichloropropane	mg/l	0	No WSV	134	<0.001	0.002	0	
Bromochloromethane	mg/l	0	No WSV	134	0.001	0.001	0	
trans 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Dibromomethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dichloropropane	mg/l	0	0.04	134	<0.001	<0.001	0	
cis 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0	
trans 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	0.003	0	
1,1,2-Trichloroethane	mg/l	0	N/A	134	<0.001	<0.001	0	
Dibromochloromethane	mg/l	0	See Trihalomethanes	134	<0.001	<0.001	0	
1,3-Dichloropropane	mg/l	0	No WSV	134	<0.001	<0.001	0	
Dibromoethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
Styrene	mg/l	0	0.02	134	<0.001	<0.001	0	
Propylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
2-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2,4-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
4-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0	
tert-Butylbenzene	mg/l	0	No WSV	134	0.001	0.001	0	
1,3,5-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1-methylpropylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
o-Cymene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,4-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
sec-Butylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dibromo-3-chloropropane	mg/l	0	0.001	134	<0.001	<0.001	0	
Hexachlorobutadiene	mg/l	0	0.0006	134	<0.001	<0.001	0	
1,2,3-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2,4-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,3-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Vinyl Chloride	mg/l	0	0.0005	134	<0.001	<0.001	0	

Constituents	PZ_21	PZ_16	GW6D	PZ_14	PZ_20	PZ_19	PZ_6	GW20	GW21	GW22	GW23	PZ_15	PZ_16	GW19	PZ_16 DUP	PZ_6	PZ_14
	40722	40722	40721	40723	40723	40723	40724	40724	40724	40725	40725	40724	40771	40772	40771	40785	40785
	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4
Chloroform	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Carbontetrachloride	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Methylethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloro-1-Propene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2-2-Dichloropropane	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
trans 1,2-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,3-Dichloro-1-Propene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
trans 1,3-Dichloro-1-Propene	<0.001	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Dibromoethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Propylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1-methylpropylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
o-Cymene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001

Constituents	GW5 / PZ_19	GW5 / PZ_19 DUP	GW6d	PZ_7	PZ_11	PZ_3	PZ_5	PZ_10	PZ_12	PZ_15	GN4	GN5	GW20	GW21	GW22	GW23	GW23 DUP
	40786	40786	40786	40786	40786	40786	40787	40787	40787	40787	40815	40815	40821	40821	40821	40821	40821
	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5
Chloroform	<0.001	0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbontetrachloride	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethylene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethylene	<0.001	<0.001	<0.001								<0.001	<0.001	0.031	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylethylbenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloro-1-Propene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	<0.001	<0.001	<0.001								<0.001	<0.001	0.132	<0.001	<0.001	<0.001	<0.001
2-2-Dichloropropane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans 1,2-Dichloroethene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,3-Dichloro-1-Propene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans 1,3-Dichloro-1-Propene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromoethane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Propylbenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1-methylpropylbenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Cymene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Constituents	GW7	GW8	GW6D	GW19	PZ_14	PZ_16	PZ_15	GW12	GW95	GW9D	Pz_6	GW13	Pz_3	Pz_7	Pz_18	Pz_10
	40821	40821	40815	40816	40815	40815	40816	40819	40819	40819	40819	40819	40851	40849	40849	40850
	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 6	Campaign 6	Campaign 6	Campaign 6
Chloroform	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Carbontetrachloride	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1,1-Trichloroethane	<0.001	<0.001	<0.001	<0.001	0.003	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Trichloroethylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Tetrachloroethylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1,1,2-Tetrachloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1,2,2-Tetrachloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Chlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Bromobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Bromodichloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Methylethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1-Dichloro-1-Propene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2-Dichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
2-2-Dichloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Bromochloromethane	<0.001	<0.001	0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
trans 1,2-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Dibromomethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2-Dichloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
cis 1,3-Dichloro-1-Propene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
trans 1,3-Dichloro-1-Propene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1,2-Trichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Dibromochloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,3-Dichloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Dibromoethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Styrene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Propylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
2-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2,4-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
4-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
tert-Butylbenzene	<0.001	<0.001	0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,3,5-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1-methylpropylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
o-Cymene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,4-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
sec-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2-Dibromo-3-chloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Hexachlorobutadiene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2,3-Trichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2,4-Trichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,3-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Vinyl Chloride	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				

Assessment Criteria : *Drinking Water Standard*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Arsenic	mg/l	0	0.01	134	<0.005	0.077	4	GW24S, 40682, Campaign 1; GW8, 40821, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5
Cadmium	mg/l	0	0.005	134	<0.001	0.002	0	
Chromium	mg/l	0	0.05	134	<0.005	<0.005	0	
Lead	mg/l	0	0.01	134	0.001	0.001	0	
Nickel	mg/l	0	0.02	134	0.001	0.011	0	
Copper	mg/l	0	2	134	<0.005	0.008	0	
Zinc	mg/l	0	3	134	<0.005	0.143	0	
Mercury	mg/l	0	0.001	134	0.0001	<0.001	0	
Iron	mg/l	0	0.2	134	<0.01	54.37	13	PZ_6, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; PZ_6, 40785, Campaign 4; GW8, 40821, Campaign 5; PZ_16, 40815, Campaign 5; GW12, 40819, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; PZ_3, 40870, Campaign 7
Boron	mg/l	0	1	134	<0.005	0.667	0	
Calcium	mg/l		N/A	134	12.4	1297	0	
Magnesium	mg/l		N/A	134	2.3	987.8	0	
Potassium	mg/l		N/A	134	2.4	250.3	0	
Sodium	mg/l		200	134	15.4	8632	55	PZ_3, 40652, Campaign 0; PZ_10, 40653, Campaign 0; PZ_11, 40652, Campaign 0; PZ_15, 40653, Campaign 0; PZ_18, 40652, Campaign 0; PZ_18, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_3, 40689, Campaign 1; PZ_10, 40689, Campaign 1; PZ_11, 40689, Campaign 1; PZ_12, 40689, Campaign 1; PZ_15, 40690, Campaign 1; GW6D, 40721, Campaign 2; PZ_16, 40722, Campaign 2; PZ_3, 40696, Campaign 2; PZ_5, 40696, Campaign 2; PZ_10, 40696, Campaign 2; PZ_11, 40696, Campaign 2; PZ_12, 40696, Campaign 2; PZ_15, 40724, Campaign 2; PZ_16, 40722, Campaign 3; GW6D, 40721, Campaign 3; PZ_15, 40724, Campaign 3; PZ_16, 40771, Campaign 4; PZ_16 DUP, 40771, Campaign 4; GW6d, 40786, Campaign 4; PZ_11, 40786, Campaign 4; PZ_3, 40786, Campaign 4; PZ_5, 40787, Campaign 4; PZ_10, 40787, Campaign 4; PZ_15, 40787, Campaign 4; GW6D, 40815, Campaign 5; PZ_16, 40815, Campaign 5; PZ_15, 40816, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_3, 40851, Campaign 6; Pz_18, 40849, Campaign 6; Pz_10, 40850, Campaign 6; Pz_16, 40850, Campaign 6; Pz_11, 40849, Campaign 6; Pz_15, 40851, Campaign 6; PZ_11, 40869, Campaign 7; PZ_16, 40869, Campaign 7; PZ_18, 40870, Campaign 7; PZ_3, 40870, Campaign 7; PZ_10, 40870, Campaign 7; PZ_15, 40871, Campaign 7;
pH Value	Units		No WSV	134	5.8	11.2	0	
Electrical Conductivity	µS/cm		No WSV	134	269	26100	0	
Sulphate	mg/l		250	134	<1	1197	14	PZ_16, 40687, Campaign 1; PZ_3, 40689, Campaign 1; PZ_5, 40689, Campaign 1; PZ_7, 40689, Campaign 1; PZ_10, 40689, Campaign 1; PZ_11, 40689, Campaign 1; PZ_12, 40689, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; PZ_16, 40771, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_16, 40815, Campaign 5; Pz_16, 40850, Campaign 6; Pz_16, 41263, Campaign 8
Chloride	mg/l		250	134	0.1	8504	73	PZ_3, 40652, Campaign 0; PZ_5, 40653, Campaign 0; PZ_7, 40652, Campaign 0; PZ_10, 40653, Campaign 0; PZ_11, 40652, Campaign 0; PZ_12, 40653, Campaign 0; PZ_15, 40653, Campaign 0; PZ_18, 40652, Campaign 0; PZ_6, 40683, Campaign 1; PZ_18, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; GW6D, 40721, Campaign 2; PZ_16, 40722, Campaign 2; PZ_3, 40696, Campaign 2; PZ_5, 40696, Campaign 2; PZ_7, 40696, Campaign 2; PZ_10, 40696, Campaign 2; PZ_11, 40696, Campaign 2; PZ_12, 40696, Campaign 2; PZ_6, 40724, Campaign 2; PZ_15, 40724, Campaign 2; PZ_16, 40722, Campaign 3; GW6D, 40721, Campaign 3; PZ_6, 40724, Campaign 3; PZ_15, 40724, Campaign 3; PZ_16, 40771, Campaign 4; GW19, 40772, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_6, 40785, Campaign 4; GW6d, 40786, Campaign 4; PZ_7, 40786, Campaign 4; PZ_11, 40786, Campaign 4; PZ_3, 40786, Campaign 4; PZ_5, 40787, Campaign 4; PZ_10, 40787, Campaign 4; PZ_12, 40787, Campaign 4; PZ_15, 40787, Campaign 4; GW6D, 40815, Campaign 5; GW19, 40816, Campaign 5; PZ_16, 40815, Campaign 5; PZ_15, 40816, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; Pz_3, 40851, Campaign 6; Pz_7, 40849, Campaign 6; Pz_18, 40849, Campaign 6; Pz_10, 40850, Campaign 6; Pz_16, 40850
Nitrate	mg/l		0.05	134	1	214	42	GW1D, 40682, Campaign 1; GW2, 40682, Campaign 1; GW3, 40682, Campaign 1; PZ_14, 40683, Campaign 1; PZ_19, 40687, Campaign 1; PZ_20, 40687, Campaign 1; PZ_21, 40687, Campaign 1; PZ_21, 40722, Campaign 2; PZ_14, 40723, Campaign 2; PZ_20, 40723, Campaign 2; PZ_19, 40723, Campaign 2; GW20, 40724, Campaign 2; GW21, 40724, Campaign 2; GW22, 40725, Campaign 2; GW23, 40725, Campaign 2; PZ_21, 40722, Campaign 3; PZ_14, 40723, Campaign 3; PZ_20, 40723, Campaign 3; PZ_19, 40723, Campaign 3; GW20, 40724, Campaign 3; GW21, 40724, Campaign 3; GW22, 40725, Campaign 3; GW23, 40725, Campaign 3; GW19, 40772, Campaign 4; PZ_14, 40785, Campaign 4; GW5 / PZ_19, 40786, Campaign 4; GW5 / PZ_19 DUP, 40786, Campaign 4; GW6d, 40786, Campaign 4; GN4, 40815, Campaign 5; GN5, 40815, Campaign 5; GW20, 40821, Campaign 5; GW21, 40821, Campaign 5; GW22, 40821, Campaign 5; GW23, 40821, Campaign 5; GW23 DUP, 40821, Campaign 5; GW19, 40816, Campaign 5; PZ_14, 40815, Campaign 5; GW9D, 40819, Campaign 5; GW13, 40819, Campaign 5; PZ_19, 40869, Campaign 7; PZ_21, 40869, Campaign 7; PZ_14, 40870, Campaign 7
Free Cyanide	mg/l	0	See Cyanide (total)	134	0.005	0.01	0	
Total Phenols	mg/l	0	No WSV	134	<0.0005	<0.005	0	
Ammonium as NH4	mg/l		0.5	134	<0.01	84.6	25	PZ_6, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_6, 40724, Campaign 2; PZ_16, 40722, Campaign 3; PZ_6, 40724, Campaign 3; PZ_16, 40771, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_6, 40785, Campaign 4; GW21, 40821, Campaign 5; GW8, 40821, Campaign 5; GW12, 40819, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; PZ_11, 40869, Campaign 7; PZ_16, 40869, Campaign 7; PZ_7, 40870, Campaign 7; PZ_3, 40870, Campaign 7; PZ_10, 40870, Campaign 7; PZ_12, 40870, Campaign 7; PZ_5, 40870, Campaign 7; PZ_6, 40871, Campaign 7; PZ_15, 40871, Campaign 7
BOD	mg/l		No WSV	134	<2	33	0	
COD	mg/l		No WSV	134	<2	120	0	
Alkalinity	mg/l CaCO3		No WSV	134	40	720	0	
Suspended Solids	mg/l		No WSV	134	2	1200	0	
Total Petroleum Hydrocarbons	mg/l	0	No WSV	134	<0.01	0.062	0	
PCB 28	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 52	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 101	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 118	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 138	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 153	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 180	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
Total PCB	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
Naphthalene	mg/l	0	See BaP	134	<0.00001	0.00323	0	
Acenaphthylene	mg/l	0	See BaP	134	0.00001	0.00012	0	
Acenaphthene	mg/l	0	See BaP	134	0.00001	0.00021	0	
Fluorene	mg/l	0	See BaP	134	<0.00001	0.00018	0	
Phenanthrene	mg/l	0	See BaP	134	<0.00001	0.00024	0	
Anthracene	mg/l	0	See BaP	134	0.00001	0.00003	0	
Fluoranthene	mg/l	0	See BaP	134	<0.00001	<0.001	0	
Pyrene	mg/l	0	See BaP	134	<0.00001	0.00019	0	
Benz(a)anthracene	mg/l	0	No WSV	134	<0.00001	0.00012	0	
Chrysene	mg/l	0	See BaP	134	<0.00001	0.00012	0	
Benzo(b)fluoranthene	mg/l	0	See PAH Sum of 4	134	<0.00001	0.00013	0	
Benzo(k)fluoranthene	mg/l	0	See PAH Sum of 4	134	<0.00001	0.00016	0	
Benzo(a)pyrene	mg/l	0	0.00001	134	<0.00001	0.00016	1	GW6D, 40721, Campaign 3
Indeno(123-cd)pyrene	mg/l	0	See PAH Sum of 4	134	<0.00001	<0.00001	0	
Dibenz(ah)anthracene	mg/l	0	See BaP	134	<0.00001	<0.00001	0	
Benzo(ghi)perylene	mg/l	0	See PAH Sum of 4	134	<0.00001	<0.00001	0	
Total PAH	mg/l	0	No WSV	134	<0.00001	0.00377	0	
Benzene	mg/l	0	0.001	134	<0.001	<0.001	0	
Toluene	mg/l	0	0.7	134	<0.001	<0.001	0	
Ethylbenzene	mg/l	0	0.3	134	<0.001	<0.001	0	
m&p-Xylene	mg/l	0	No WSV	134	<0.001	<0.001	0	
o-Xylene	mg/l	0	0.5	134	<0.001	<0.001	0	
cis 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	0.137	0	
1,1-Dichloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0	

Constituents	Pz_12	Pz_14	Pz_16	Pz_19	Pz_21	Pz_11	Pz_5	Pz_6	Pz_15	PZ_19	PZ_11	PZ_16	PZ_21	PZ_18	PZ_14	PZ_7	PZ_3	PZ_10	PZ_12	PZ_5	PZ_6	PZ_15
	40850	40850	40850	40850	40850	40849	40851	40851	40851	40869	40869	40869	40869	40870	40870	40870	40870	40870	40870	40870	40871	40871
	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7
Arsenic										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cadmium										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel										0.001	<0.001	0.003	0.005	0.002	<0.001	<0.001	0.004	0.006	<0.001	<0.001	<0.001	0.001
Copper										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Zinc										0.031	0.012	0.047	0.039	0.026	<0.005	0.037	0.08	0.02	0.01	0.009	0.02	0.01
Mercury										0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Iron										<0.01	0.024	0.054	<0.01	<0.01	<0.01	<0.01	2.881	0.054	<0.01	0.011	0.019	<0.01
Boron										<0.005	0.158	0.075	0.066	<0.005	<0.005	<0.005	0.062	0.101	<0.005	0.058	0.007	0.049
Calcium	107.8	45.8	787.5	18.5	254.3	188.2	129	157.6	238.1	17.9	131.8	994.3	205.5	744.7	46.6	209.1	175.9	141.5	109,6	118.9	185.1	201.4
Magnesium	16.3	7	198.6	6.1	18.5	22	12.6	15.6	18.1	6.3	18.9	25.8	15.8	41.7	8.2	17.6	34	25.6	17.9	13.2	19.3	17.5
Potassium	6.2	3.8	19.4	2.9	8.5	12.7	15.9	7.7	8.1	3	10	24	6.8	6.1	4.6	5.8	59.8	31	6.7	14.9	7.6	7.5
Sodium	100.6	29.2	2452	29.5	98.3	405.9	188.9	127.2	250.5	46.6	538.6	2345	98.6	232.5	52.9	117.1	588.8	480.8	119.4	195.4	185.5	236.6
pH Value	7.3	7.6	6.6	6.6	6.9	7.3	6.8	7	7	6.2	7.4	6.7	7.1	7.1	7.9	7.1	7.4	7.2	7.3	6.9	7.2	7.1
Electrical Conductivity										298	2990	18010	1456	4650	421	1524	3570	2940	1023	1413	1748	2010
Sulphate	59	51	747	16	24	46	<5	<5	<5	24	49	85	31	50	60	16	10	10	64	7	36	7
Chloride	146	30	5683	25	228	838	275	239	494	48	800	652	294	1269	53	353	936	790	169	291	427	508
Nitrate										67	<5	<5	22	<5	28	<5	<5	<5	<5	<5	<5	<5
Free Cyanide										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Total Phenols										<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Ammonium as NH4										0.02	4.23	8.46	0.01	0.03	0.01	4.23	4.23	42.3	1.69	84.6	8.46	4.23
BOD										<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
COD										<2	<2	<2	11	<2	<2	6	11	14	11	9	28	9
Alkalinity										120	390	340	390	240	150	320	350	360	320	420	340	370
Suspended Solids										18	16	82	16	32	4	6	24	18	6	12	10	10
Total Petroleum Hydrocarbons										<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB 28										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCB										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Naphthalene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benz(a)anthracene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(b)fluoranthene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(k)fluoranthene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(a)pyrene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(123-cd)pyrene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(ah)anthracene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(ghi)perylene										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PAH										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzene										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m&p-Xylene										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Constituents	Pz_16	Pz_7	Pz_11	Pz_21	Pz_19	Pz_12	Pz_5	Pz_18	Pz_14	Pz_10	Pz_3	Pz_15	Pz_6
	41263	41263	41263	41263	41263	40898	40898	40898	40898	40898	40898	40899	40899
	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8
Arsenic													
Cadmium													
Chromium													
Lead													
Nickel													
Copper													
Zinc													
Mercury													
Iron													
Boron													
Calcium	905.9	200.9	159.8	200.3	21.8	109.7	123.5	1084	44.5	168.4	179.9	232.2	172.8
Magnesium	223.4	16.7	21	15.3	5.9	17.1	13.3	60.9	7.1	27.5	34.4	20	18.3
Potassium	22.2	5.4	12.3	6.9	3.4	6.7	15.8	7.9	4.2	30.3	68	9.1	8.4
Sodium	2141	97.7	631.7	82.9	32.2	98.3	187.1	363.9	30.2	470	607.5	256.9	164.8
pH Value	6.6	7.1	7.3	6.9	9.4	7.2	6.7	6.8	7.7	7	7.2	7	7.3
Electrical Conductivity													
Sulphate	728	9	49	32	18	59	<5	41	48	<5	<5	<5	21
Chloride	5342	336	802	254	34	148	289	1584	30	772	945	500	373
Nitrate													
Free Cyanide													
Total Phenols													
Ammonium as NH4													
BOD													
COD													
Alkalinity													
Suspended Solids													
Total Petroleum Hydrocarbons													
PCB 28													
PCB 52													
PCB 101													
PCB 118													
PCB 138													
PCB 153													
PCB 180													
Total PCB													
Naphthalene													
Acenaphthylene													
Acenaphthene													
Fluorene													
Phenanthrene													
Anthracene													
Fluoranthene													
Pyrene													
Benz(a)anthracene													
Chrysene													
Benzo(b)fluoranthene													
Benzo(k)fluoranthene													
Benzo(a)pyrene													
Indeno(123-cd)pyrene													
Dibenz(ah)anthracene													
Benzo(ghi)perylene													
Total PAH													
Benzene													
Toluene													
Ethylbenzene													
m&p-Xylene													
o-Xylene													
cis 1,2-Dichloroethene													
1,1-Dichloroethane													

Assessment Criteria : *Drinking Water Standard*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Chloroform	mg/l	0	See Trihalomethanes	134	0.001	0.001	0	
Carbontetrachloride	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,1,1-Trichloroethane	mg/l	0	2	134	<0.001	0.003	0	
Trichloroethylene	mg/l	0	0.01 (sum of TCE & PCE)	134	<0.001	<0.001	0	
Tetrachloroethylene	mg/l	0	0.01 (sum of TCE & PCE)	134	<0.001	0.031	0	
1,1,1,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,1,2,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
Chlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Bromobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Bromodichloromethane	mg/l	0	See Trihalomethanes	134	<0.001	<0.001	0	
Methylethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,1-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dichloroethane	mg/l	0	0.003	134	<0.001	0.132	1	GW20, 40821, Campaign 5
2-2-Dichloropropane	mg/l	0	No WSV	134	<0.001	0.002	0	
Bromochloromethane	mg/l	0	No WSV	134	0.001	0.001	0	
trans 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Dibromomethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dichloropropane	mg/l	0	0.04	134	<0.001	<0.001	0	
cis 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0	
trans 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	0.003	0	
1,1,2-Trichloroethane	mg/l	0	N/A	134	<0.001	<0.001	0	
Dibromochloromethane	mg/l	0	See Trihalomethanes	134	<0.001	<0.001	0	
1,3-Dichloropropane	mg/l	0	No WSV	134	<0.001	<0.001	0	
Dibromoethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
Styrene	mg/l	0	0.02	134	<0.001	<0.001	0	
Propylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
2-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2,4-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
4-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0	
tert-Butylbenzene	mg/l	0	No WSV	134	0.001	0.001	0	
1,3,5-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1-methylpropylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
o-Cymene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,4-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
sec-Butylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dibromo-3-chloropropane	mg/l	0	0.001	134	<0.001	<0.001	0	
Hexachlorobutadiene	mg/l	0	0.0006	134	<0.001	<0.001	0	
1,2,3-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2,4-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,3-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Vinyl Chloride	mg/l	0	0.0005	134	<0.001	<0.001	0	

Constituents	Pz_12	Pz_14	Pz_16	Pz_19	Pz_21	Pz_11	Pz_5	Pz_6	Pz_15
	40850	40850	40850	40850	40850	40849	40851	40851	40851
	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6
Chloroform									
Carbontetrachloride									
1,1,1-Trichloroethane									
Trichloroethylene									
Tetrachloroethylene									
1,1,1,2-Tetrachloroethane									
1,1,2,2-Tetrachloroethane									
Chlorobenzene									
Bromobenzene									
Bromodichloromethane									
Methylethylbenzene									
1,1-Dichloro-1-Propene									
1,2-Dichloroethane									
2-2-Dichloropropane									
Bromochloromethane									
trans 1,2-Dichloroethene									
Dibromomethane									
1,2-Dichloropropane									
cis 1,3-Dichloro-1-Propene									
trans 1,3-Dichloro-1-Propene									
1,1,2-Trichloroethane									
Dibromochloromethane									
1,3-Dichloropropane									
Dibromoethane									
Styrene									
Propylbenzene									
2-Chlorotoluene									
1,2,4-Trimethylbenzene									
4-Chlorotoluene									
tert-Butylbenzene									
1,3,5-Trimethylbenzene									
1-methylpropylbenzene									
o-Cymene									
1,4-Dichlorobenzene									
sec-Butylbenzene									
1,2-Dibromo-3-chloropropane									
Hexachlorobutadiene									
1,2,3-Trichlorobenzene									
1,2,4-Trichlorobenzene									
1,3-Dichlorobenzene									
1,2-Dichlorobenzene									
Vinyl Chloride									

Constituents	PZ_19	PZ_11	PZ_16	PZ_21	PZ_18	PZ_14	PZ_7	PZ_3	PZ_10	PZ_12	PZ_5	PZ_6	PZ_15
	40869	40869	40869	40869	40870	40870	40870	40870	40870	40870	40870	40871	40871
	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7
Chloroform	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbontetrachloride	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloro-1-Propene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-2-Dichloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans 1,2-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,3-Dichloro-1-Propene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans 1,3-Dichloro-1-Propene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromoethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Propylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1-methylpropylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Cymene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Constituents	Pz_16	Pz_7	Pz_11	Pz_21	Pz_19	Pz_12	Pz_5	Pz_18	Pz_14	Pz_10	Pz_3	Pz_15	Pz_6
	41263	41263	41263	41263	41263	40898	40898	40898	40898	40898	40898	40899	40899
	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8
Chloroform													
Carbontetrachloride													
1,1,1-Trichloroethane													
Trichloroethylene													
Tetrachloroethylene													
1,1,1,2-Tetrachloroethane													
1,1,2,2-Tetrachloroethane													
Chlorobenzene													
Bromobenzene													
Bromodichloromethane													
Methylethylbenzene													
1,1-Dichloro-1-Propene													
1,2-Dichloroethane													
2-2-Dichloropropane													
Bromochloromethane													
trans 1,2-Dichloroethene													
Dibromomethane													
1,2-Dichloropropane													
cis 1,3-Dichloro-1-Propene													
trans 1,3-Dichloro-1-Propene													
1,1,2-Trichloroethane													
Dibromochloromethane													
1,3-Dichloropropane													
Dibromoethane													
Styrene													
Propylbenzene													
2-Chlorotoluene													
1,2,4-Trimethylbenzene													
4-Chlorotoluene													
tert-Butylbenzene													
1,3,5-Trimethylbenzene													
1-methylpropylbenzene													
o-Cymene													
1,4-Dichlorobenzene													
sec-Butylbenzene													
1,2-Dibromo-3-chloropropane													
Hexachlorobutadiene													
1,2,3-Trichlorobenzene													
1,2,4-Trichlorobenzene													
1,3-Dichlorobenzene													
1,2-Dichlorobenzene													
Vinyl Chloride													

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 pH 0.00

Calcium (mg/l): 0.00 DOC (mg/l) 0.00 Catchment area: Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Arsenic	mg/l	0	0.025	134	<0.005	0.077	3	GW8, 40821, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5
Cadmium	mg/l	0	0.0002	134	<0.001	0.002	1	GN4, 40815, Campaign 5
Chromium	mg/l	0	0.0006	134	<0.005	<0.005	0	
Lead	mg/l	0	0.0013	134	0.001	0.001	0	
Nickel	mg/l	0	0.0086	134	0.001	0.011	4	GW2, 40682, Campaign 1; GW5 / PZ_19, 40786, Campaign 4; GW5 / PZ_19 DUP, 40786, Campaign 4; GW6D, 40815, Campaign 5
Copper	mg/l	0	0.00376	134	<0.005	0.008	4	PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; PZ_16, 40771, Campaign 4
Zinc	mg/l	0	0.0068	134	<0.005	0.143	70	GW1D, 40682, Campaign 1; GW2, 40682, Campaign 1; GW3, 40682, Campaign 1; PZ_6, 40683, Campaign 1; PZ_18, 40683, Campaign 1; PZ_14, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_19, 40687, Campaign 1; PZ_20, 40687, Campaign 1; PZ_21, 40687, Campaign 1; GW6D, 40721, Campaign 2; PZ_21, 40722, Campaign 2; PZ_16, 40722, Campaign 2; PZ_14, 40723, Campaign 2; PZ_20, 40723, Campaign 2; PZ_19, 40723, Campaign 2; PZ_6, 40724, Campaign 2; GW20, 40724, Campaign 2; GW21, 40724, Campaign 2; GW22, 40725, Campaign 2; GW23, 40725, Campaign 2; PZ_21, 40722, Campaign 3; PZ_16, 40722, Campaign 3; GW6D, 40721, Campaign 3; PZ_14, 40723, Campaign 3; PZ_20, 40723, Campaign 3; PZ_19, 40723, Campaign 3; PZ_6, 40724, Campaign 3; GW20, 40724, Campaign 3; GW21, 40724, Campaign 3; GW22, 40725, Campaign 3; GW23, 40725, Campaign 3; PZ_16, 40771, Campaign 4; GW19, 40772, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_6, 40785, Campaign 4; PZ_14, 40785, Campaign 4; GW5 / PZ_19, 40786, Campaign 4; GW5 / PZ_19 DUP, 40786, Campaign 4; GW6d, 40786, Campaign 4; GN4, 40815, Campaign 5; GN5, 40815, Campaign 5; GW20, 40821, Campaign 5; GW21, 40821, Campaign 5; GW22, 40821, Campaign 5; GW23, 40821, Campaign 5; GW23 DUP, 40821, Campaign 5; GW7, 40821, Campaign
Mercury	mg/l	0	0.00007	134	0.0001	<0.001	5	PZ_19, 40687, Campaign 1; PZ_20, 40687, Campaign 1; GW19, 40772, Campaign 4; GW6D, 40815, Campaign 5; PZ_19, 40869, Campaign 7
Iron	mg/l	0	1	134	<0.01	54.37	12	PZ_6, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; GW8, 40821, Campaign 5; PZ_16, 40815, Campaign 5; GW12, 40819, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; PZ_3, 40870, Campaign 7
Boron	mg/l	0	7	134	<0.005	0.667	0	
Calcium	mg/l		N/A	134	12.4	1297	0	
Magnesium	mg/l		N/A	134	2.3	987.8	0	
Potassium	mg/l		N/A	134	2.4	250.3	0	
Sodium	mg/l		N/A	134	15.4	8632	0	
pH Value	Units		No WSV	134	5.8	11.2	0	
Electrical Conductivity	µS/cm		No WSV	134	269	26100	0	
Sulphate	mg/l		N/A	134	<1	1197	0	
Chloride	mg/l		N/A	134	0.1	8504	0	
Nitrate	mg/l		N/A	134	1	214	0	
Free Cyanide	mg/l	0	0.001	134	0.005	0.01	4	GW20, 40724, Campaign 2; GW20, 40724, Campaign 3; GN4, 40815, Campaign 5; GN5, 40815, Campaign 5
Total Phenols	mg/l	0	No WSV	134	<0.0005	<0.005	0	
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	134	<0.01	84.6	0	
BOD	mg/l		No WSV	134	<2	33	0	
COD	mg/l		No WSV	134	<2	120	0	
Alkalinity	mg/l CaCO3		No WSV	134	40	720	0	
Suspended Solids	mg/l		No WSV	134	2	1200	0	
Total Petroleum Hydrocarbons	mg/l	0	No WSV	134	<0.01	0.062	0	
PCB 28	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 52	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 101	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 118	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 138	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 153	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
PCB 180	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
Total PCB	mg/l	0	No WSV	134	<0.00001	<0.00001	0	
Naphthalene	mg/l	0	0.002	134	<0.00001	0.00323	1	GW12, 40819, Campaign 5
Acenaphthylene	mg/l	0	N/A	134	0.00001	0.00012	0	
Acenaphthene	mg/l	0	N/A	134	0.00001	0.00021	0	
Fluorene	mg/l	0	N/A	134	<0.00001	0.00018	0	
Phenanthrene	mg/l	0	See BaP	134	<0.00001	0.00024	0	
Anthracene	mg/l	0	0.0001	134	0.00001	0.00003	0	
Fluoranthene	mg/l	0	0.0000063	134	<0.00001	<0.001	4	GW6D, 40721, Campaign 3; GW20, 40821, Campaign 5; GW6D, 40815, Campaign 5; GW19, 40816, Campaign 5
Pyrene	mg/l	0	N/A	134	<0.00001	0.00019	0	
Benz(a)anthracene	mg/l	0	No WSV	134	<0.00001	0.00012	0	
Chrysene	mg/l	0	See BaP	134	<0.00001	0.00012	0	
Benzo(b)fluoranthene	mg/l	0	0.000017	134	<0.00001	0.00013	1	GW6D, 40721, Campaign 3
Benzo(k)fluoranthene	mg/l	0	0.000017	134	<0.00001	0.00016	1	GW6D, 40721, Campaign 3
Benzo(a)pyrene	mg/l	0	0.00000017	134	<0.00001	0.00016	1	GW6D, 40721, Campaign 3
Indeno(123-cd)pyrene	mg/l	0	N/A	134	<0.00001	<0.00001	0	
Dibenz(ah)anthracene	mg/l	0	N/A	134	<0.00001	<0.00001	0	
Benzo(ghi)perylene	mg/l	0	0.00000082	134	<0.00001	<0.00001	0	
Total PAH	mg/l	0	No WSV	134	<0.00001	0.00377	0	
Benzene	mg/l	0	0.008	134	<0.001	<0.001	0	
Toluene	mg/l	0	0.074	134	<0.001	<0.001	0	
Ethylbenzene	mg/l	0	0.02	134	<0.001	<0.001	0	
m&p-Xylene	mg/l	0	No WSV	134	<0.001	<0.001	0	
o-Xylene	mg/l	0	0.03	134	<0.001	<0.001	0	
cis 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	0.137	0	
1,1-Dichloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
Chloroform	mg/l	0	See Trihalomethanes	134	0.001	0.001	0	
Carbontetrachloride	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,1,1-Trichloroethane	mg/l	0	0.1	134	<0.001	0.003	0	
Trichloroethylene	mg/l	0	0.01	134	<0.001	<0.001	0	
Tetrachloroethylene	mg/l	0	0.01	134	<0.001	0.031	1	GW20, 40821, Campaign 5
1,1,1,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,1,2,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
Chlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Bromobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Bromodichloromethane	mg/l	0	N/A	134	<0.001	<0.001	0	
Methylethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,1-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dichloroethane	mg/l	0	0.01	134	<0.001	0.132	1	GW20, 40821, Campaign 5
2-2-Dichloropropane	mg/l	0	No WSV	134	<0.001	0.002	0	
Bromochloromethane	mg/l	0	No WSV	134	0.001	0.001	0	
trans 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Dibromomethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dichloropropane	mg/l	0	N/A	134	<0.001	<0.001	0	
cis 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0	
trans 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	0.003	0	
1,1,2-Trichloroethane	mg/l	0	0.3	134	<0.001	<0.001	0	
Dibromochloromethane	mg/l	0	N/A	134	<0.001	<0.001	0	
1,3-Dichloropropane	mg/l	0	No WSV	134	<0.001	<0.001	0	
Dibromoethane	mg/l	0	No WSV	134	<0.001	<0.001	0	
Styrene	mg/l	0	0.05	134	<0.001	<0.001	0	
Propylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
2-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2,4-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
4-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0	
tert-Butylbenzene	mg/l	0	No WSV	134	0.001	0.001	0	
1,3,5-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1-methylpropylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
o-Cymene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,4-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
sec-Butylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dibromo-3-chloropropane	mg/l	0	N/A	134	<0.001	<0.001	0	
Hexachlorobutadiene	mg/l	0	0.0006	134	<0.001	<0.001	0	
1,2,3-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2,4-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,3-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
1,2-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0	
Vinyl Chloride	mg/l	0	N/A	134	<0.001	<0.001	0	

Location	PZ_3	PZ_5	PZ_6	PZ_7	PZ_10	PZ_11	PZ_12	PZ_14	PZ_15	PZ_16	PZ_18	PZ_19	PZ_21
Sample ID	40652	40653	40652	40652	40653	40652	40653	40652	40653	40652	40652	40651	40652
Depth	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0	Campaign 0
Date													
Strata													
Zone													
Arsenic													
Cadmium													
Chromium													
Lead													
Nickel													
Copper													
Zinc													
Mercury													
Iron													
Boron													
Calcium	12.4	109	123.9	168.6	69.5	131	106.6	44.4	169.7	119.5	928.3	21.5	168.4
Magnesium	8.9	12.6	12.6	16	2.3	20.9	19	7	21.3	15.4	54.9	5.7	12.3
Potassium	222.7	14.9	8.8	8.2	51.5	13	10.2	8.8	16.3	9.9	11.7	9.3	8.3
Sodium	619.1	179.8	95.6	93	615.8	516.9	164.9	41.6	203.9	138	329.3	46.4	66.5
pH Value	10.7	7	7.3	7.3	11.2	7.9	7.5	7.8	7.5	7.5	7.1	6.8	7.2
Electrical Conductivity													
Sulphate	33	6	24	7	36	45	85	54	8	38	40	20	29
Chloride	1117	324	210	316	1141	922	288	37	445	216	2022	54	230
Nitrate													
Free Cyanide													
Total Phenols													
Ammonium as NH4													
BOD													
COD													
Alkalinity													
Suspended Solids													
Total Petroleum Hydrocarbons													
PCB 28													
PCB 52													
PCB 101													
PCB 118													
PCB 138													
PCB 153													
PCB 180													
Total PCB													
Naphthalene													
Acenaphthylene													
Acenaphthene													
Fluorene													
Phenanthrene													
Anthracene													
Fluoranthene													
Pyrene													
Benz(a)anthracene													
Chrysene													
Benzo(b)fluoranthene													
Benzo(k)fluoranthene													
Benzo(a)pyrene													
Indeno(123-cd)pyrene													
Dibenz(ah)anthracene													
Benzo(ghi)perylene													
Total PAH													
Benzene													
Toluene													
Ethylbenzene													
m&p-Xylene													
o-Xylene													
cis 1,2-Dichloroethene													
1,1-Dichloroethane													
Chloroform													
Carbontetrachloride													
1,1,1-Trichloroethane													
Trichloroethylene													
Tetrachloroethylene													
1,1,1,2-Tetrachloroethane													
1,1,2,2-Tetrachloroethane													
Chlorobenzene													
Bromobenzene													
Bromodichloromethane													
Methylethylbenzene													
1,1-Dichloro-1-Propene													
1,2-Dichloroethane													
2-2-Dichloropropane													
Bromochloromethane													
trans 1,2-Dichloroethene													
Dibromomethane													
1,2-Dichloropropane													
cis 1,3-Dichloro-1-Propene													
trans 1,3-Dichloro-1-Propene													
1,1,2-Trichloroethane													
Dibromochloromethane													
1,3-Dichloropropane													
Dibromoethane													
Styrene													
Propylbenzene													
2-Chlorotoluene													
1,2,4-Trimethylbenzene													
4-Chlorotoluene													
tert-Butylbenzene													
1,3,5-Trimethylbenzene													
1-methylpropylbenzene													
o-Cymene													
1,4-Dichlorobenzene													
sec-Butylbenzene													
1,2-Dibromo-3-chloropropane													
Hexachlorobutadiene													
1,2,3-Trichlorobenzene													
1,2,4-Trichlorobenzene													
1,3-Dichlorobenzene													
1,2-Dichlorobenzene													
Vinyl Chloride													

Location	GW1D	GW2	GW3	PZ_6	PZ_18	PZ_14	GW24S	PZ_16	PZ_19	PZ_20	PZ_21	PZ_3	PZ_5	PZ_7	PZ_10	PZ_11	PZ_12	PZ_15
Sample ID	40682	40682	40682	40683	40683	40683	40682	40687	40687	40687	40687	40689	40689	40689	40689	40689	40689	40690
Depth	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1	Campaign 1
Date																		
Strata																		
Zone																		
Arsenic	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.012	<0.005	<0.005	<0.005	<0.005							
Cadmium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001							
Chromium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005							
Lead	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001							
Nickel	0.003	0.011	0.002	<0.001	0.003	<0.001	0.002	0.005	0.003	<0.001	0.005							
Copper	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<0.005	<0.005	<0.005							
Zinc	0.05	0.045	0.02	0.014	0.06	0.012	0.021	0.061	0.029	0.029	0.037							
Mercury	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	0.0006	<0.0001							
Iron	<0.01	<0.01	<0.01	9.693	0.036	0.013	3.5	21.91	0.096	<0.01	<0.01							
Boron	0.403	<0.005	<0.005	0.027	<0.005	<0.005	0.102	0.417	<0.005	<0.005	<0.005							
Calcium	210.6	87.7	131.1	196.4	1079	53.8	166.2	1153	19.4	51.7	203.9	18	102.4	171.2	43.4	130.8	121.1	186.9
Magnesium	19.5	28.6	12.4	19.4	53.8	8	59.8	466.5	6.8	16.3	15	9.3	12.1	16.8	5.5	21.7	31.1	17.2
Potassium	7.4	4.5	3.7	8.9	7	4.2	15.9	36.5	2.7	4.3	5.6	203.5	12.1	5.8	44.7	9.9	10.6	6.7
Sodium	95.7	31	32.1	170.1	299.3	37.2	443.6	4703	47.9	23.2	66.9	629.5	167.2	90.3	571.5	492.7	232.1	208.6
pH Value	6.5	5.8	6.6	7.1	6.8	7.7	7.2	6.9	6.3	7.1	7.1	10.3	6.9	7.3	10.5	8	7.5	7.3
Electrical Conductivity	1384	692	928	1589	5370	490	2860	21600	290	481	1330							
Sulphate	114	94	103	8	34	56	<1	981	28	27	28	940	290	294	903	780	396	<5
Chloride	130	61	99	330	1351	42	764	8504	66	176	160	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrate	75	176	154	<1	<1	33	<1	<1	67	55	67							
Free Cyanide	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005							
Total Phenols	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005							
Ammonium as NH4	<0.1	<0.1	<0.1	8.2	<0.1	<0.1	4.1	0.85	0.02	0.02	0.11							
BOD	<2	<2	<2	<2	<2	<2	<2	5	<2	<2	<2							
COD	<2	<2	<2	<2	<2	<2	<2	50	<2	<2	<2							
Alkalinity	510	60	180	380	230	200	270	290	80	280	180							
Suspended Solids	6	12	12	16	14	12	4	58	<5	<5	<5							
Total Petroleum Hydrocarbons	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01							
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 101	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
Total PCB	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001							
Naphthalene																		
Acenaphthylene																		
Acenaphthene																		
Fluorene																		
Phenanthrene																		
Anthracene																		
Fluoranthene																		
Pyrene																		
Benz(a)anthracene																		
Chrysene																		
Benzo(b)fluoranthene																		
Benzo(k)fluoranthene																		
Benzo(a)pyrene																		
Indeno(123-cd)pyrene																		
Dibenz(ah)anthracene																		
Benzo(ghi)perylene																		
Total PAH																		
Benzene																		
Toluene																		
Ethylbenzene																		
m&p-Xylene																		
o-Xylene																		
cis 1,2-Dichloroethene																		
1,1-Dichloroethane																		
Chloroform																		
Carbontetrachloride																		
1,1,1-Trichloroethane																		
Trichloroethylene																		
Tetrachloroethylene																		
1,1,1,2-Tetrachloroethane																		
1,1,2,2-Tetrachloroethane																		
Chlorobenzene																		
Bromobenzene																		
Bromodichloromethane																		
Methylethylbenzene																		
1,1-Dichloro-1-Propene																		
1,2-Dichloroethane																		
2-2-Dichloropropane																		
Bromochloromethane																		
trans 1,2-Dichloroethene																		
Dibromomethane																		
1,2-Dichloropropane																		
cis 1,3-Dichloro-1-Propene																		
trans 1,3-Dichloro-1-Propene																		
1,1,2-Trichloroethane																		
Dibromochloromethane																		
1,3-Dichloropropane																		
Dibromoethane																		
Styrene																		
Propylbenzene																		
2-Chlorotoluene																		
1,2,4-Trimethylbenzene																		
4-Chlorotoluene																		
tert-Butylbenzene																		
1,3,5-Trimethylbenzene																		
1-methylpropylbenzene																		
o-Cymene																		
1,4-Dichlorobenzene																		
sec-Butylbenzene																		
1,2-Dibromo-3-chloropropane																		
Hexachlorobutadiene																		
1,2,3-Trichlorobenzene																		
1,2,4-Trichlorobenzene																		
1,3-Dichlorobenzene																		
1,2-Dichlorobenzene																		
Vinyl Chloride																		

Location	GW6D	PZ_21	PZ_16	PZ_3	PZ_5	PZ_7	PZ_10	PZ_11	PZ_12	PZ_14	PZ_20	PZ_19	PZ_6	GW20	GW21	GW22	GW23	PZ_15
Sample ID	40721	40722	40722	40696	40696	40696	40696	40696	40696	40723	40723	40723	40724	40724	40724	40725	40725	40724
Depth	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2	Campaign 2
Date																		
Strata																		
Zone																		
Arsenic	<0.005	<0.005	<0.005							<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Cadmium	<0.001	<0.001	<0.001							<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chromium	<0.005	<0.005	<0.005							<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Lead	<0.001	<0.001	<0.001							<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Nickel	0.003	0.002	0.005							<0.001	0.003	0.004	<0.001	<0.001	0.003	0.002	0.001	
Copper	<0.005	<0.005	0.008							<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Zinc	0.143	0.045	0.099							0.017	0.065	0.055	0.014	0.013	0.076	0.022	0.015	
Mercury	<0.0001	<0.0001	<0.0001							<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Iron	<0.01	<0.01	18.64							<0.01	<0.01	0.057	0.036	0.072	0.05	0.011	<0.01	
Boron	0.105	0.144	0.667							0.049	0.038	0.08	0.082	0.077	0.141	0.151	0.176	
Calcium	803.7	188.9	1297	187.8	122.8	161.5	47.3	129.8	505	43.2	43.4	14.6	155.7	108.5	62.9	84	111	195.9
Magnesium	44.5	14.9	533.8	37.6	49.5	15.8	4.4	18.1	987.8	7.5	14.2	5.1	15.8	18.3	7.3	5.9	6.6	17.4
Potassium	5.3	5.5	38.3	30.2	21.4	4.9	47.2	8.9	250.3	3.5	3.8	2.4	6.7	4.2	2.7	5.5	2.8	5.8
Sodium	232.1	66	5336	525.4	477.1	88.3	575.1	496.6	8632	32.5	17.9	30.3	141.8	24.6	23.6	16.2	20	211.9
pH Value	7.4	7.6	7	7.3	7.1	7.2	10.1	7.7	7.1	7.5	6.6	5.9	7.2	7.4	6.4	7	7.3	7.3
Electrical Conductivity	5190	1281	26100							424	490	269	1599	899	568	597	740	
Sulphate	51	32	1197	11	79	<5	32	64	180	57	20	21	9	49	47	35	100	5
Chloride	1381	203	1270	914	766	289	881	763	1345	36	56	31	315	72	42	36	48	500
Nitrate	<1	16	<1							29	127	69	<1	191	118	101	47	
Free Cyanide	<0.005	<0.005	<0.005							<0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.005	<0.005	
Total Phenols	<0.0005	<0.0005	<0.0005							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
Ammonium as NH4	0.34	0.04	3.71							0.01	0.02	0.02	10.06	0.01	<0.01	<0.01	0.11	
BOD	<2	9	22							<2	<2	<2	<2	<2	<2	<2	<2	
COD	<2	<2	78							<2	<2	<2	<2	<2	<2	3	<2	
Alkalinity	230	390	360							130	120	70	350	240	60	120	190	
Suspended Solids	<5	64	16							20	10	56	66	102	198	68	58	
Total Petroleum Hydrocarbons	<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
PCB 28	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 52	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 101	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 118	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 138	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 153	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
PCB 180	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
Total PCB	<0.00001	<0.00001	<0.00001							<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
Naphthalene																		
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Dibenz(ah)anthracene																		
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Total PAH																		
Benzene																		
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1,1,1,2-Tetrachloroethane																		
1,1,2,2-Tetrachloroethane																		
Chlorobenzene																		
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1,2,3-Trichlorobenzene																		
1,2,4-Trichlorobenzene																		
1,3-Dichlorobenzene																		
1,2-Dichlorobenzene																		
Vinyl Chloride																		

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	PZ_21	PZ_16	GW6D	PZ_14	PZ_20	PZ_19	PZ_6	GW20	GW21	GW22	GW23	PZ_15	PZ_16	GW19	PZ_16 DUP	PZ_6	PZ_14	GW5 / PZ_19	GW5 / PZ_19 DUP	GW6d	PZ_7	PZ_11	PZ_3	PZ_5	PZ_10	PZ_12	PZ_15	GN4	GN5	GW20	GW21	GW22	GW23	GW23 DUP	GW7	GW8	GW6D	GW19	PZ_14	PZ_16	PZ_15	GW12	GW95	GW9D	Pz_6	GW13	Pz_3	Pz_7	Pz_18	Pz_10
									40722	40722	40721	40723	40723	40723	40724	40724	40724	40725	40725	40724	40771	40772	40771	40785	40785	40786	40786	40786	40786	40786	40786	40787	40787	40787	40787	40815	40815	40821	40821	40821	40821	40821	40821	40821	40815	40816	40815	40815	40816	40819	40819	40819	40819	40819	40851	40849	40849	40850
									Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 3	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 4	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 5	Campaign 6	Campaign 6	Campaign 6	Campaign 6
Arsenic	mg/l	0	0.025	134	<0.005	0.077	3	GW8, 40821, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005								<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.009	0.031	<0.005	<0.005	<0.005	<0.005		<0.005	0.077	0.03	<0.005	<0.005				
Cadmium	mg/l	0	0.0002	134	<0.001	0.002	1	GN4, 40815, Campaign 5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Chromium	mg/l	0	0.0006	134	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005								<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005				
Lead	mg/l	0	0.0013	134	0.001	0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Nickel	mg/l	0	0.0086	134	0.001	0.011	4	GW2, 40682, Campaign 1; GW5 / PZ_19, 40786, Campaign 4; GW5 / PZ_19 DUP, 40786, Campaign 4; GW6D, 40815, Campaign 5	0.002	0.005	0.003	<0.001	0.003	0.004	<0.001	<0.001	0.003	0.002	0.001		0.002	0.002	0.002	<0.001	<0.001	0.01	0.01	0.003								0.004	0.004	<0.001	0.003	0.004	0.002	0.002	0.001	0.002	0.009	0.004	0.003	0.006		0.002	<0.001	<0.001	<0.001	0.002				
Copper	mg/l	0	0.00376	134	<0.005	0.008	4	PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; PZ_16, 40771, Campaign 4	<0.005	0.008	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		0.007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005								<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005				
Zinc	mg/l	0	0.0068	134	<0.005	0.143	70	GW1D, 40682, Campaign 1; GW2, 40682, Campaign 1; GW3, 40682, Campaign 1; PZ_6, 40683, Campaign 1; PZ_18, 40683, Campaign 1; PZ_14, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_19, 40687, Campaign 1; PZ_20, 40687, Campaign 1; PZ_21, 40687, Campaign 1; GW6D, 40721, Campaign 2; PZ_21, 40722, Campaign 2; PZ_16, 40722, Campaign 2; PZ_14, 40723, Campaign 2; PZ_20, 40723, Campaign 2; PZ_19, 40723, Campaign 2; PZ_6, 40724, Campaign 2; GW20, 40724, Campaign 2; GW21, 40724, Campaign 2; GW22, 40725, Campaign 2; GW23, 40725, Campaign 2; PZ_21, 40722, Campaign 3; PZ_16, 40722, Campaign 3; GW6D, 40721, Campaign 3; PZ_14, 40723, Campaign 3; PZ_20, 40723, Campaign 3; PZ_19, 40723, Campaign 3; PZ_6, 40724, Campaign 3; GW20, 40724, Campaign 3; GW21, 40724, Campaign 3; GW22, 40725, Campaign 3; GW23, 40725, Campaign 3; PZ_16, 40771, Campaign 4; GW19, 40772, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_6, 40785, Campaign 4; PZ_14, 40785, Campaign 4; GW5 / PZ_19, 40786, Campaign 4; GW5 / PZ_19 DUP, 40786, Campaign 4; GW6d, 40786, Campaign 4; GN4, 40815, Campaign 5; GN5, 40815, Campaign 5; GW20, 40821, Campaign 5; GW21, 40821, Campaign 5; GW22, 40821, Campaign 5; GW23, 40821, Campaign 5; GW23 DUP, 40821, Campaign 5; GW7, 40821, Campaign	0.045	0.099	0.143	0.017	0.065	0.055	0.014	0.013	0.076	0.022	0.015		0.044	0.054	0.053	0.016	0.009	0.026	0.024	0.027								0.055	0.031	0.01	0.028	0.03	0.013	0.011	0.007	0.013	0.093	0.045	0.033	0.083		0.036	0.031	0.012	<0.005	0.048				
Mercury	mg/l	0	0.00007	134	0.0001	<0.001	5	PZ_19, 40687, Campaign 1; PZ_20, 40687, Campaign 1; GW19, 40772, Campaign 4; GW6D, 40815, Campaign 5; PZ_19, 40869, Campaign 7	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001								<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0008	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				
Iron	mg/l	0	1	134	<0.01	54.37	12	PZ_6, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; GW8, 40821, Campaign 5; PZ_16, 40815, Campaign 5; GW12, 40819, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; PZ_3, 40870, Campaign 7	<0.01	18.64	<0.01	<0.01	<0.01	0.057	0.036	0.072	0.05	0.011	<0.01		<0.01	<0.01	0.085	0.317	<0.01	0.072	0.068	0.11								<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.339	0.113	<0.01	<0.01	10.8		25.6	54.37	34.13	9.101	0.034				
Boron	mg/l	0	7	134	<0.005	0.667	0		0.144	0.667	0.105	0.049	0.038	0.08	0.082	0.077	0.141	0.151	0.176		<0.005	<0.005	<0.005	<0.005	<0.005	0.016	<0.005	<0.005								<0.005	0.055	<0.005	0.021	0.039	0.035	0.023	0.084	0.616	0.015	0.049	0.03	0.106		0.046	0.274	0.55	0.059	0.036				
Calcium	mg/l		N/A	134	12.4	1297	0		188.9	1297	803.7	43.2	43.4	14.6	155.7	108.5	62.9	84	111	195.9	1066	211.2	1035	221.8	76.5	15.8	13.7	917.7	186.5	125.6	76.6	244	37.1	52.2	207.3	53.5	25.5	112.3	68.4	122.2	107.1	108.8	44.2	106.5	1158	218.8	48.5	1147		90	111	102.5	135.3	70.3	149.2	213	641.8	99.9
Magnesium	mg/l		N/A	134	2.3	987.8	0		14.9	533.8	44.5	7.5	14.2	5.1	15.8	18.3	7.3	5.9	6.6	17.4	295.9	16.2	264.8	18.7	6.5	5.9	5.9	48.7	14.7	17.3	34	27.6	5.3	10.4	19.8	15.5	5.5	25.6	7.9	12.7	8.6	8.8	22.2	40.2	65.9	17	9.1	351.5	16.5	16.4	37.3	53.9	15.2	12	33.6	15.8	35.2	19.9
Potassium	mg/l		N/A	134	2.4	250.3	0		5.5	38.3	5.3	3.5	3.8	2.4	6.7	4.2	2.7	5.5	2.8	5.8	26.9	6.9	24.4	8.7	3.5	2.6	2.6	5.8	5.7	9.6	141.5	28.8	43.6	3.7	7.7	4.3	2.4	6.7	3.2	5	3.2	3.2	7.3	44.9	9.3	8.5	4.6	31.8	6.9	11.5	25.7	30	7.1	6.4	96.4	5.3	7.9	30.7
Sodium	mg/l		N/A	134	15.4	8632	0		66	5336	232.1	32.5	17.9	30.3	141.8	24.6	23.6	16.2	20	211.9	3578	92.2	2954	159.9	26	27.2	27	270	87.8	510.8	688.4	369.9	540.2	72.6	232.4	15.4	27.5	32	27.8	31	22.6	27.3	47.1	126.7	456.9	107.3	60.4	3221	214.9	83.5	231.3	377.9	132.7	66.6	230.8	95.4	226.4	426.5
pH Value	Units		No WSV	134	5.8	11.2	0		7.6	7	7.4	7.5	6.6	5.9	7.2	7.4	6.4	7	7.3	7.3	6.5	7.2	6.5	6.9	7.5	6	5.9	6.7	7.1	7.2	8.1	6.8	8.1	7.5	7.1	6.5	6.2	7.3	6.5	6.6	7.3	7.4	7.7	7.4	6.8	6.9	7.5	6.6	6.9	6.7	7	6.8	6.9	7.4	7.3	7	6.8	7.3
Electrical Conductivity	µS/cm		No WSV	134	269	26100	0		1281	26100	5190	424	490	269	1599	899	568	597	740		21300	1442	20200	1558	411	281	290	5380								477	279	874	564	798	656	680	511	1280	7120	1493	444	18710		800	1800	2900	1300	500				
Sulphate	mg/l		N/A	134	<1	1197	0		32	1197	51	57	20	21	9	49	47	35	100	5	932	31	850	8	51	15	15	36	<5	30	<5	<5	29	59	<5	18	18	52	49	90	107	107	20	13	66	29	57	855	7	<5	<5	<5	7	43	8	15	19	6
Chloride	mg/l		N/A	134	0.1	8504	0		203	1270	1381	36	56	31	315	72	42	36	48	500	6844	354	6599	321	28	24	24	1236	302	775	939	273	895	257	482	51	27	71	45	57	50	50	35	118	2434	258	54	6382	488	136	298	618	329	86	991	318	1453	836
Nitrate	mg/l		N/A	134	1	214	0		16	<1	<1	29	127	69	<1	191	118	101	47		<1	24	<1	<1	27	74	74	70								137	74	214	122	173	59	60	<5	<5	<1	25	36	<1		<1	<1	1	<1	4				
Free Cyanide	mg/l	0	0.001	134	0.005	0.01	4	GW20, 40724, Campaign 2; GW20, 40724, Campaign 3; GN4, 40815, Campaign 5; GN5, 40815, Campaign 5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005								0.01	0.007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005				
Total Phenols	mg/l	0	No WSV	134	<0.0005	<0.005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005								<0.0005	<0.0005	<0.0005	<0.005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	134	<0.01	84.6	0		0.04	3.71	0.34	0.01	0.02	0.02	10.06	0.01	<0.01	<0.01	0.11		1.22	0.32	1.19	6.97	0.16	0.03	0.03	0.21								0	0	0.03	9	0.02	0.06	0.03	0.04	4.24	0.03	0.02	0.07	0.05		4.24	5.29	3.18	2.12	0.32				
BOD	mg/l		No WSV	134	<2	33	0		9	22	<2	<2	<2	<2	<2	<2	<2	<2	<2					<2	<2	<2	<2	<2								<2	<2								<2	<2	<2	33		<2	<2	5	<2	<2				
COD	mg/l		No WSV	134	<2	120	0		<2	78	<2	<2	<2	<2	<2	<2	<2	3	<2					<2	<2	<2	<2	<2								<2	<2	<2	<2	<2	<2	<2	<2	21	<2	<2	<2	120		12	21	22	<2	9				
Alkalinity	mg/l CaCO3		No WSV	134	40	720	0		390	360	230	130	120	70	350	240	60	120	190					420	80	60	40	210								60	50	160	120	140	180	170	260	590	300	360	150	400		420	650	720	420	300				
Suspended Solids	mg/l		No WSV	134	2	1200	0		64	16	<5	20	10	56	66	102	198	68	58					122	8	24	40	1200								6	<5	36	36	6	14	8	2	14	134	22	2	152		42	42	60	22	6				
Total Petroleum Hydrocarbons	mg/l	0	No WSV	134	<0.01	0.062	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					<0.01	<0.01	0.062	0.029	0.03								<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
PCB 28	mg/l	0	No WSV	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 52	mg/l	0	No WSV	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 101	mg/l	0	No WSV	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 118	mg/l	0	No WSV	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 138	mg/l	0	No WSV	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 153	mg/l	0	No WSV	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
PCB 180	mg/l	0	No WSV	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Total PCB	mg/l	0	No WSV	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001					<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Naphthalene	mg/l	0	0.002	134	<0.00001	0.00323	1	GW12, 40819, Campaign 5	<0.00001	<0.00001	0.00011	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.001	<0.00001	<0.00001	0.00005	<0.00001	<0.00001		0.00323	0.00099	0.00067	0.0006	0.00081				
Acenaphthylene	mg/l	0	N/A	134	0.00001	0.00012	0		<0.00001	<0.00001	0.00003	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		0.00012	<0.00001	<0.00001	<0.00001	<0.00001				
Acenaphthene	mg/l	0	N/A	134	0.00001	0.00021	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00017	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	0.00002	0.00021	0.00001	0.00001				
Fluorene	mg/l	0	N/A	134	<0.00001	0.00018	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00018	0.00004	0.00002	0.00004	0.00004	0.00003	0.00003	0.00008	0.00009	<0.00001	<0.00001		0.00017	<0.00001	<0.00001	0.00013	0.00012				
Phenanthrene	mg/l	0	See BaP	134	<0.00001	0.00024	0		<0.00001	<0.00001	0.00006	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00022	0.00003	0.00002	0.00003	0.00003	<0.00001	<0.00001	0.00009	0.00014	<0.00001	<0.00001		0.00024	0.00015	0.00005	0.00013	0.00008				
Anthracene	mg/l	0	0.0001	134	0.00001	0.00003	0		<0.00001	<0.00001	0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00003	0.00001	<0.00001	0.00002	<0.00001	<0.00001	<0.00001	0.00001	0.00001	<0.00001	<0.00001		0.00001	0.00001	0.00001	<0.00001	<0.00001				
Fluoranthene	mg/l	0	0.0000063	134	<0.00001	<0.001	4	GW6D, 40721, Campaign 3; GW20, 40821, Campaign 5; GW6D, 40815, Campaign 5; GW19, 40816, Campaign 5	<0.00001	<0.00001	0.00021	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00008	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.001	0.00003	0.00004	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Pyrene	mg/l	0	N/A	134	<0.00001	0.00019	0		<0.00001	<0.00001	0.00019	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00007	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00003	0.00004	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Benz(a)anthracene	mg/l	0	No WSV	134	<0.00001	0.00012	0		<0.00001	<0.00001	0.00012	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Chrysene	mg/l	0	See BaP	134	<0.00001	0.00012	0		<0.00001	<0.00001	0.00012	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Benzo(b)fluoranthene	mg/l	0	0.000017	134	<0.00001	0.00013	1	GW6D, 40721, Campaign 3	<0.00001	<0.00001	0.00013	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Benzo(k)fluoranthene	mg/l	0	0.000017	134	<0.00001	0.00016	1	GW6D, 40721, Campaign 3	<0.00001	<0.00001	0.00016	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Benzo(a)pyrene	mg/l	0	0.00000017	134	<0.00001	0.00016	1	GW6D, 40721, Campaign 3	<0.00001	<0.00001	0.00016	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Indeno(123-cd)pyrene	mg/l	0	N/A	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Dibenz(ah)anthracene	mg/l	0	N/A	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Benzo(ghi)perylene	mg/l	0	0.00000082	134	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001				
Total PAH	mg/l	0	No WSV	134	<0.00001	0.00377	0		<0.00001	<0.00001	0.0013	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001								<0.00001	<0.00001	0.00076	0.00008	0.00004	0.00009	0.00007	0.00003	0.00003	0.00024	0.00037	<0.00001	<0.00001		0.00377	0.00117	0.00094	0.00087	0.00102				
Benzene	mg/l	0	0.008	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Toluene	mg/l	0	0.074	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Ethylbenzene	mg/l	0	0.02	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
m&p-Xylene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
o-Xylene	mg/l	0	0.03	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
cis 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	0.137	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	0.137	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1-Dichloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Chloroform	mg/l	0	See Trihalomethanes	134	0.001	0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Carbontetrachloride	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1,1-Trichloroethane	mg/l	0	0.1	134	<0.001	0.003	0		<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.003	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Trichloroethylene	mg/l	0	0.01	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Tetrachloroethylene	mg/l	0	0.01	134	<0.001	0.031	1	GW20, 40821, Campaign 5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	0.031	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1,1,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1,2,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Chlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Bromobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Bromodichloromethane	mg/l	0	N/A	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Methylethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2-Dichloroethane	mg/l	0	0.01	134	<0.001	0.132	1	GW20, 40821, Campaign 5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	0.132	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
2-2-Dichloropropane	mg/l	0	No WSV	134	<0.001	0.002	0		<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Bromochloromethane	mg/l	0	No WSV	134	0.001	0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
trans 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Dibromomethane	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2-Dichloropropane	mg/l	0	N/A	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
cis 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
trans 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	0.003	0		<0.001	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,1,2-Trichloroethane	mg/l	0	0.3	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Dibromochloromethane	mg/l	0	N/A	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,3-Dichloropropane	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Dibromoethane	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Styrene	mg/l	0	0.05	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Propylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
2-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2,4-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
4-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
tert-Butylbenzene	mg/l	0	No WSV	134	0.001	0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,3,5-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1-methylpropylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
o-Cymene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,4-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
sec-Butylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2-Dibromo-3-chloropropane	mg/l	0	N/A	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Hexachlorobutadiene	mg/l	0	0.0006	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2,3-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2,4-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,3-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
1,2-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				
Vinyl Chloride	mg/l	0	N/A	134	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001								<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001				

Assessment Criteria : ***Coastal and Estuarine EQS***

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	Pz_12	Pz_14	Pz_16	Pz_19	Pz_21	Pz_11	Pz_5	Pz_6	Pz_15	PZ_19	PZ_11	PZ_16	PZ_21	PZ_18	PZ_14	PZ_7	PZ_3	PZ_10	PZ_12	PZ_5	PZ_6	PZ_15	Pz_16	Pz_7	Pz_11	Pz_21	Pz_19	Pz_12	Pz_5	Pz_18	Pz_14	Pz_10	Pz_3	Pz_15	Pz_6
									40850	40850	40850	40850	40850	40849	40851	40851	40851	40869	40869	40869	40869	40870	40870	40870	40870	40870	40870	40870	40871	40871	41263	41263	41263	41263	41263	40898	40898	40898	40898	40898	40898	40899	40899
									Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 6	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 7	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8	Campaign 8
Arsenic	mg/l	0	0.025	134	<0.005	0.077	3	GW8, 40821, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005													
Cadmium	mg/l	0	0.0002	134	<0.001	0.002	1	GN4, 40815, Campaign 5										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Chromium	mg/l	0	0.0006	134	<0.005	<0.005	0											<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005													
Lead	mg/l	0	0.0013	134	0.001	0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Nickel	mg/l	0	0.0086	134	0.001	0.011	4	GW2, 40682, Campaign 1; GW5 / PZ_19, 40786, Campaign 4; GW5 / PZ_19 DUP, 40786, Campaign 4; GW6D, 40815, Campaign 5										0.001	<0.001	0.003	0.005	0.002	<0.001	<0.001	0.004	0.006	<0.001	<0.001	<0.001	0.001													
Copper	mg/l	0	0.00376	134	<0.005	0.008	4	PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; PZ_16, 40771, Campaign 4										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005													
Zinc	mg/l	0	0.0068	134	<0.005	0.143	70	GW1D, 40682, Campaign 1; GW2, 40682, Campaign 1; GW3, 40682, Campaign 1; PZ_6, 40683, Campaign 1; PZ_18, 40683, Campaign 1; PZ_14, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_19, 40687, Campaign 1; PZ_20, 40687, Campaign 1; PZ_21, 40687, Campaign 1; GW6D, 40721, Campaign 2; PZ_21, 40722, Campaign 2; PZ_16, 40722, Campaign 2; PZ_14, 40723, Campaign 2; PZ_20, 40723, Campaign 2; PZ_19, 40723, Campaign 2; PZ_6, 40724, Campaign 2; GW20, 40724, Campaign 2; GW21, 40724, Campaign 2; GW22, 40725, Campaign 2; GW23, 40725, Campaign 2; PZ_21, 40722, Campaign 3; PZ_16, 40722, Campaign 3; GW6D, 40721, Campaign 3; PZ_14, 40723, Campaign 3; PZ_20, 40723, Campaign 3; PZ_19, 40723, Campaign 3; PZ_6, 40724, Campaign 3; GW20, 40724, Campaign 3; GW21, 40724, Campaign 3; GW22, 40725, Campaign 3; GW23, 40725, Campaign 3; PZ_16, 40771, Campaign 4; GW19, 40772, Campaign 4; PZ_16 DUP, 40771, Campaign 4; PZ_6, 40785, Campaign 4; PZ_14, 40785, Campaign 4; GW5 / PZ_19, 40786, Campaign 4; GW5 / PZ_19 DUP, 40786, Campaign 4; GW6d, 40786, Campaign 4; GN4, 40815, Campaign 5; GN5, 40815, Campaign 5; GW20, 40821, Campaign 5; GW21, 40821, Campaign 5; GW22, 40821, Campaign 5; GW23, 40821, Campaign 5; GW23 DUP, 40821, Campaign 5; GW7, 40821, Campaign										0.031	0.012	0.047	0.039	0.026	<0.005	0.037	0.08	0.02	0.01	0.009	0.02	0.01													
Mercury	mg/l	0	0.00007	134	0.0001	<0.001	5	PZ_19, 40687, Campaign 1; PZ_20, 40687, Campaign 1; GW19, 40772, Campaign 4; GW6D, 40815, Campaign 5; PZ_19, 40869, Campaign 7										0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001													
Iron	mg/l	0	1	134	<0.01	54.37	12	PZ_6, 40683, Campaign 1; GW24S, 40682, Campaign 1; PZ_16, 40687, Campaign 1; PZ_16, 40722, Campaign 2; PZ_16, 40722, Campaign 3; GW8, 40821, Campaign 5; PZ_16, 40815, Campaign 5; GW12, 40819, Campaign 5; GW95, 40819, Campaign 5; GW9D, 40819, Campaign 5; Pz_6, 40819, Campaign 5; PZ_3, 40870, Campaign 7										<0.01	0.024	0.054	<0.01	<0.01	<0.01	<0.01	2.881	0.054	<0.01	0.011	0.019	<0.01													
Boron	mg/l	0	7	134	<0.005	0.667	0											<0.005	0.158	0.075	0.066	<0.005	<0.005	<0.005	0.062	0.101	<0.005	0.058	0.007	0.049													
Calcium	mg/l		N/A	134	12.4	1297	0		107.8	45.8	787.5	18.5	254.3	188.2	129	157.6	238.1	17.9	131.8	994.3	205.5	744.7	46.6	209.1	175.9	141.5	109,6	118.9	185.1	201.4	905.9	200.9	159.8	200.3	21.8	109.7	123.5	1084	44.5	168.4	179.9	232.2	172.8
Magnesium	mg/l		N/A	134	2.3	987.8	0		16.3	7	198.6	6.1	18.5	22	12.6	15.6	18.1	6.3	18.9	25.8	15.8	41.7	8.2	17.6	34	25.6	17.9	13.2	19.3	17.5	223.4	16.7	21	15.3	5.9	17.1	13.3	60.9	7.1	27.5	34.4	20	18.3
Potassium	mg/l		N/A	134	2.4	250.3	0		6.2	3.8	19.4	2.9	8.5	12.7	15.9	7.7	8.1	3	10	24	6.8	6.1	4.6	5.8	59.8	31	6.7	14.9	7.6	7.5	22.2	5.4	12.3	6.9	3.4	6.7	15.8	7.9	4.2	30.3	68	9.1	8.4
Sodium	mg/l		N/A	134	15.4	8632	0		100.6	29.2	2452	29.5	98.3	405.9	188.9	127.2	250.5	46.6	538.6	2345	98.6	232.5	52.9	117.1	588.8	480.8	119.4	195.4	185.5	236.6	2141	97.7	631.7	82.9	32.2	98.3	187.1	363.9	30.2	470	607.5	256.9	164.8
pH Value	Units		No WSV	134	5.8	11.2	0		7.3	7.6	6.6	6.6	6.9	7.3	6.8	7	7	6.2	7.4	6.7	7.1	7.1	7.9	7.1	7.4	7.2	7.3	6.9	7.2	7.1	6.6	7.1	7.3	6.9	9.4	7.2	6.7	6.8	7.7	7	7.2	7	7.3
Electrical Conductivity	µS/cm		No WSV	134	269	26100	0											298	2990	18010	1456	4650	421	1524	3570	2940	1023	1413	1748	2010													
Sulphate	mg/l		N/A	134	<1	1197	0		59	51	747	16	24	46	<5	<5	<5	24	49	85	31	50	60	16	10	10	64	7	36	7	728	9	49	32	18	59	<5	41	48	<5	<5	<5	21
Chloride	mg/l		N/A	134	0.1	8504	0		146	30	5683	25	228	838	275	239	494	48	800	652	294	1269	53	353	936	790	169	291	427	508	5342	336	802	254	34	148	289	1584	30	772	945	500	373
Nitrate	mg/l		N/A	134	1	214	0											67	<5	<5	22	<5	28	<5	<5	<5	<5	<5	<5	<5													
Free Cyanide	mg/l	0	0.001	134	0.005	0.01	4	GW20, 40724, Campaign 2; GW20, 40724, Campaign 3; GN4, 40815, Campaign 5; GN5, 40815, Campaign 5										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005													
Total Phenols	mg/l	0	No WSV	134	<0.0005	<0.005	0											<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005													
Ammonium as NH4	mg/l		Not appropriate, see Unionised Ammonia	134	<0.01	84.6	0											0.02	4.23	8.46	0.01	0.03	0.01	4.23	4.23	42.3	1.69	84.6	8.46	4.23													
BOD	mg/l		No WSV	134	<2	33	0											<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2													
COD	mg/l		No WSV	134	<2	120	0											<2	<2	<2	11	<2	<2	6	11	14	11	9	28	9													
Alkalinity	mg/l CaCO3		No WSV	134	40	720	0											120	390	340	390	240	150	320	350	360	320	420	340	370													
Suspended Solids	mg/l		No WSV	134	2	1200	0											18	16	82	16	32	4	6	24	18	6	12	10	10													
Total Petroleum Hydrocarbons	mg/l	0	No WSV	134	<0.01	0.062	0											<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01													
PCB 28	mg/l	0	No WSV	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
PCB 52	mg/l	0	No WSV	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
PCB 101	mg/l	0	No WSV	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
PCB 118	mg/l	0	No WSV	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
PCB 138	mg/l	0	No WSV	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
PCB 153	mg/l	0	No WSV	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
PCB 180	mg/l	0	No WSV	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Total PCB	mg/l	0	No WSV	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Naphthalene	mg/l	0	0.002	134	<0.00001	0.00323	1	GW12, 40819, Campaign 5										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Acenaphthylene	mg/l	0	N/A	134	0.00001	0.00012	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Acenaphthene	mg/l	0	N/A	134	0.00001	0.00021	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Fluorene	mg/l	0	N/A	134	<0.00001	0.00018	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Phenanthrene	mg/l	0	See BaP	134	<0.00001	0.00024	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Anthracene	mg/l	0	0.0001	134	0.00001	0.00003	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Fluoranthene	mg/l	0	0.0000063	134	<0.00001	<0.001	4	GW6D, 40721, Campaign 3; GW20, 40821, Campaign 5; GW6D, 40815, Campaign 5; GW19, 40816, Campaign 5										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Pyrene	mg/l	0	N/A	134	<0.00001	0.00019	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Benz(a)anthracene	mg/l	0	No WSV	134	<0.00001	0.00012	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Chrysene	mg/l	0	See BaP	134	<0.00001	0.00012	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Benzo(b)fluoranthene	mg/l	0	0.000017	134	<0.00001	0.00013	1	GW6D, 40721, Campaign 3										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Benzo(k)fluoranthene	mg/l	0	0.000017	134	<0.00001	0.00016	1	GW6D, 40721, Campaign 3										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Benzo(a)pyrene	mg/l	0	0.00000017	134	<0.00001	0.00016	1	GW6D, 40721, Campaign 3										<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Indeno(123-cd)pyrene	mg/l	0	N/A	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Dibenz(ah)anthracene	mg/l	0	N/A	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Benzo(ghi)perylene	mg/l	0	0.00000082	134	<0.00001	<0.00001	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Total PAH	mg/l	0	No WSV	134	<0.00001	0.00377	0											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001													
Benzene	mg/l	0	0.008	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Toluene	mg/l	0	0.074	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Ethylbenzene	mg/l	0	0.02	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
m&p-Xylene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
o-Xylene	mg/l	0	0.03	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
cis 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	0.137	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,1-Dichloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Chloroform	mg/l	0	See Trihalomethanes	134	0.001	0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Carbontetrachloride	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,1,1-Trichloroethane	mg/l	0	0.1	134	<0.001	0.003	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Trichloroethylene	mg/l	0	0.01	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Tetrachloroethylene	mg/l	0	0.01	134	<0.001	0.031	1	GW20, 40821, Campaign 5										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,1,1,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,1,2,2-Tetrachloroethane	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Chlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Bromobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Bromodichloromethane	mg/l	0	N/A	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Methylethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,1-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,2-Dichloroethane	mg/l	0	0.01	134	<0.001	0.132	1	GW20, 40821, Campaign 5										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
2-2-Dichloropropane	mg/l	0	No WSV	134	<0.001	0.002	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Bromochloromethane	mg/l	0	No WSV	134	0.001	0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
trans 1,2-Dichloroethene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Dibromomethane	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,2-Dichloropropane	mg/l	0	N/A	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
cis 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
trans 1,3-Dichloro-1-Propene	mg/l	0	No WSV	134	<0.001	0.003	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,1,2-Trichloroethane	mg/l	0	0.3	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Dibromochloromethane	mg/l	0	N/A	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,3-Dichloropropane	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Dibromoethane	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Styrene	mg/l	0	0.05	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Propylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
2-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,2,4-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
4-Chlorotoluene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
tert-Butylbenzene	mg/l	0	No WSV	134	0.001	0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,3,5-Trimethylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1-methylpropylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
o-Cymene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,4-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
sec-Butylbenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,2-Dibromo-3-chloropropane	mg/l	0	N/A	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Hexachlorobutadiene	mg/l	0	0.0006	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,2,3-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,2,4-Trichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,3-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
1,2-Dichlorobenzene	mg/l	0	No WSV	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													
Vinyl Chloride	mg/l	0	N/A	134	<0.001	<0.001	0											<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001													

Assessment Criera : *Drinking Water Standard*

CaCO 0.00 | 0.00 | DOC 0.00

Calcium 0.00 | DOC 0.00 | Catchment area | Freshwater not listed

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Zone
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		
DO	%	No WSV	155	1	102	0		
Salinity	pss	No WSV	155	0	17.9	0		
Electrical Conductivity	µS/cm	No WSV	197	0.49	26100	0		
Suspended Solids	mg/l	No WSV	197	<0.5	1200	0		
Calcium	mg/l	N/A	197	14	8925	0		
Magnesium	mg/l	N/A	197	0.5	533.8	0		
Sodium	mg/l	200	197	4	5336	46	PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW11D Campaign 1; GW11D Campaign 5; GW11D Campaign 6; GW11S Campaign 1; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW15 Campaign 1; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; GW24S Campaign 1; GW24S Campaign 2; GW24S Campaign 3; GW24S Campaign 4; GW24S Campaign 5; GW24S Campaign 6; PZ_14 Campaign 1; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup Campaign 5	
Potassium	mg/l	N/A	197	1	141	0		
Chloride	mg/l	250	197	13	8504	66	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 4; GW11D Campaign 5; GW11D Campaign 6; GW11D Dup Campaign 4; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW24D Campaign 1; GW24D Campaign 2; GW24D Campaign 3; GW24D Campaign 4; GW24D Campaign 5; GW24D Campaign 6; GW24D Dup Campaign 4; GW24S Campaign 1; GW24S Campaign 2; GW24S Campaign 3; GW24S Campaign 4; GW24S Campaign 5; GW24S Campaign 6; PZ_6 Campaign 1; PZ_6 Campaign 2; PZ_6 Campaign 3; PZ_6 Campaign 4; PZ_6 Campaign 5; PZ_6 Campaign 6; PZ_14 Campaign 1; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup	
Sulphate	mg/l	250	197	1	1197	6	PZ_14 Campaign 1; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup Campaign 5	
Alkalinity	mg/l CaCO3	No WSV	197	30	1360	0		
Nitrate	mg/l	0.05	197	1	214	97	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; GW6D Campaign 5; GW9D Campaign 4; GW9D Campaign 6; GW10 Campaign 4; GW10 Campaign 6; GW11S Campaign 5; GW13 Campaign 2; GW13 Campaign 3; GW13 Campaign 5; GW13 Campaign 6; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; GW16D Campaign 2; GW16D Campaign 5; GW16D Campaign 6; GW16D Dup Campaign 2; GW16D Dup Campaign 5; GW16D Dup Campaign 6; GW17 Campaign 3; GW17 Campaign 4; GW17 Campaign 5; GW17 Campaign 6; GW18 Campaign 4; GW18 Campaign 5; PZ_21 Campaign 3; PZ_21 Campaign 4; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 1; GW20 Campaign 2; GW20 Campaign 3; GW20	
Ammonium as NH4	mg/l	0.5	197	<0.01	42	91	GW1 Campaign 2; GW1 Campaign 4; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 5; GW11S1 Campaign 6; GW12 Campaign 1; GW12 Campaign 2; GW12 Campaign 3; GW12 Campaign 4; GW12 Campaign 5; GW12 Campaign 6; GW13 Campaign 2; GW15 Campaign 1; GW15 Campaign 2;	
COD	mg/l	No WSV	197	<2	120	0		
BOD	mg/l	No WSV	197	2	33	0		

Constituents	GW1 Campaign 1	GW1 Campaign 2	GW1 Campaign 3	GW1 Campaign 4	GW1 Campaign 5	GW1 Campaign 6	GW1 Dup Campaign 1	GW1 Dup Campaign 2	GW1 Dup Campaign 6	GW2 Campaign 1	GW2 Campaign 2	GW2 Campaign 3	GW2 Campaign 4	GW2 Campaign 5	GW2 Campaign 6
pH Value (Lab)	6.4	6.3	6.5	6.8	6.8	6.4	6.6	6.4	6.4	6	5.7	5.8	6.2	6.1	5.9
pH Value (Field)	-	6.2	6.2	6	6.1	6.5	-	-	-	-	5.6	5.6	5.6	5.6	6.1
Redox Potential (ORP)	-	-16	-15	32	39	97	-	-	-	-	121	141	70	86	109
DO	-	3	6	4	6	6	-	-	-	-	71	87	67	79	85
Salinity	-	0.66	0.69	0.76	0.68	0.71	-	-	-	-	0.31	0.33	0.34	0.34	0.35
Electrical Conductivity	1254	1254	1384	1492	1289	1322	1222	1285	1328	677	661	692	688	688	680
Suspended Solids	10	<5	6	8	6	22	40	6	16	76	<5	12	8	12	14
Calcium	178.6	142	210.6	141.8	217	180	169.6	164	185	70.2	71	87.7	78.8	104	69
Magnesium	18.5	14	19.5	20.2	17	20	17.7	16	21	21.3	22	28.6	24.1	23	27
Sodium	91.4	63	95.7	102.8	77	91	88.3	73	89	38.2	25	31	27.2	18	28
Potassium	8.8	5	7.4	8.2	6	7	7.6	6	7	7.1	4	4.5	3.8	4	4
Chloride	116	109	130	132	108	121	116	108	120	53	49	61	52	45	55
Sulphate	100	100	114	120	100	110	100	98	107	86	84	94	86	81	84
Alkalinity	430	440	510	530	410	460	420	420	450	100	60	60	40	120	60
Nitrate	80	96	75	61	80	87	80	94	87	155	174	176	167	176	190
Ammonium as NH4	6.82	9	<0.1	2.1	0.02	4.24	8.47	10.1	4.24	0.06	<0.01	<0.1	<0.1	0.04	0.02
COD	<2	<2	<2	<2	<2	4	<2	<2	3	<2	<2	<2	<2	28	<2
BOD	<2	<2	<2	<2	12	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Constituents	GW3 Campaign 1	GW3 Campaign 2	GW3 Campaign 3	GW3 Campaign 4	GW3 Campaign 5	GW3 Campaign 6	PZ_20 Campaign 1	PZ_20 Campaign 2	PZ_20 Campaign 3	PZ_20 Campaign 4	PZ_20 Campaign 5	PZ_20 Campaign 6	PZ_19 Campaign 1	PZ_19 Campaign 2	PZ_19 Campaign 3	PZ_19 Campaign 4	PZ_19 Campaign 5	PZ_19 Campaign 6	PZ_19 Dup Campaign 5
pH Value (Lab)	7	6.6	6.6	6.8	6.8	6.5	7.2	6.7	7.1	6.6	6.8	6.5	6.5	6.2	6.3	5.9	6	6.2	5.9
pH Value (Field)	-	6.4	6.2	5.9	6.5	6.4	-	6.3	6.5	6	6.5	6.2	-	6.3	5.8	6.2	6.6	6.7	6.6
Redox Potential (ORP)	-	93	114	61	-35	110	-	101	115	31	23	64	-	50	145	63	73	-66	73
DO	-	51	92	74	77	85	-	50	81	44	85	88	-	26	43	66	43	32	43
Salinity	-	0.44	0.44	0.45	0.46	0.45	-	0.22	0.23	0.23	0.24	0.24	-	0.13	0.13	0.13	0.16	0.14	0.16
Electrical Conductivity	810	869	928	912	888	843	460	464	481	490	503	477	310	265	290	269	281	279	290
Suspended Solids	186	14	12	4	8	24	256	12	<5	10	10	6	14	8	<5	56	24	<5	40
Calcium	128.5	127	131.1	140.5	159	134	44.6	52	51.7	43.4	95	54	16	21	19.4	14.6	16	26	14
Magnesium	13	13	12.4	13.1	12	15	14.3	16	16.3	14.2	17	16	4.9	5	6.8	5.1	6	6	6
Sodium	31.2	42	32.1	34.6	30	39	16.3	26	23.2	17.9	13	4	33.5	37	47.9	30.3	27	28	27
Potassium	3.7	7	3.7	3.9	4	4	3.9	8	4.3	3.8	4	15	2.7	5	2.7	2.4	3	2	3
Chloride	83	92	99	87	75	84	45	53	176	56	46	18	31	29	66	31	24	27	24
Sulphate	79	91	103	95	93	102	17	20	27	20	15	51	19	18	28	21	15	18	15
Alkalinity	160	150	180	150	120	149	60	80	280	120	40	60	30	60	80	70	60	50	40
Nitrate	131	152	154	142	138	160	120	133	55	127	128	137	67	70	67	69	74	74	74
Ammonium as NH4	0.03	0.05	<0.1	<0.1	0.03	0.02	<0.01	0.04	0.02	0.02	0.06	0	<0.01	0.03	0.02	0.02	0.03	0	0.03
COD	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	16	<2	<2	<2	<2	<2	<2
BOD	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Constituents	PZ_18 Campaign 1	PZ_18 Campaign 2	PZ_18 Campaign 3	PZ_18 Campaign 4	PZ_18 Campaign 5	PZ_18 Campaign 6	PZ_18 Dup Campaign 3	GW6D Campaign 1	GW6D Campaign 2	GW6D Campaign 3	GW6D Campaign 4	GW6D Campaign 5	GW6D Campaign 6	GW7 Campaign 1	GW7 Campaign 2	GW7 Campaign 3
pH Value (Lab)	7.4	7.7	7.4	7.4	7.5	8.3	7.5	6.9	6.9	6.8	7.4	6.7	6.8	7.5	7.9	7.8
pH Value (Field)	-	7.7	8.8	7.2	-	7.5	-	-	6.7	6.7	6.6	6.7	6.7	-	7.3	7.5
Redox Potential (ORP)	-	-177	-247	-195	-	-206	-	-	-28	-30	-99	-96	-28	-	-151	-176
DO	-	1	4	4	-	1	-	-	5	4	4	1	3	-	2	4
Salinity	-	0.85	1.73	1.92	-	2.02	-	-	2.57	2.86	3.05	3.04	4.05	-	0.25	0.23
Electrical Conductivity	1910	2070	2750	3570	3540	3540	2810	4730	4710	5370	5190	5380	7120	670	490	525
Suspended Solids	28	20	12	32	6	24	16	20	8	14	<5	1200	134	26	12	4
Calcium	179	199	277.5	740.5	403	349	283.7	596.1	761	1079	803.7	918	1158	46.6	51	43.9
Magnesium	12.6	6	4.8	7	5	1	4.2	36.2	43	53.8	44.5	49	66	19.1	23	22.8
Sodium	150.5	170	196.7	431	234	237	197.3	192.5	238	299.3	232.1	270	457	59.2	43	33.4
Potassium	17.5	28	38.3	92.6	48	49	38.5	5.1	6	7	5.3	6	9	5.6	6	6.2
Chloride	403	565	803	974	998	1005	803	1245	1259	1351	1381	1236	2434	51	34	34
Sulphate	49	10	<5	<5	3	<5	<5	30	19	34	51	36	66	43	16	10
Alkalinity	320	200	60	120	190	140	60	290	250	230	230	210	300	260	270	260
Nitrate	<1	<1	<5	<5	<5	<1	<5	<1	<1	<1	<1	70	<1	<1	<1	<1
Ammonium as NH4	8.9	15.88	35.6	0.21	31	42	8.1	3.26	0.37	<0.1	0.34	0.21	0.03	0.12	0.32	0.03
COD	27	36	8	22	46	35	5	16	8	<2	<2	<2	<2	<2	<2	<2
BOD	<2	6	<2	2	17	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	6

Assessment Criteria :	*Drinking Water Standard*						
CaCO	**0.00**		**0.00**	**DOC**	**0.00**		
Calcium	**0.00**	**DOC**	**0.00**		**Catchment area**	**Freshwater not listed**	

Constituents	**Unit**	**Generic Assessment Criteria (mg/l)**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	**Zone**
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		
DO	%	No WSV	155	1	102	0		
Iron	µg/l	0.2	197	10	54370	115	GW1 Dup Campaign 1; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 4; GW3 Campaign 2; GW3 Campaign 5; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 3; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 4; GW11S1 Campaign 5; GW12 Campaign 1;	
Boron	µg/l	1	197	5	1402	150	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 2; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign	
Arsenic	µg/l	0.01	197	5	77	43	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 6; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 6; GW11D Campaign 4; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 5; GW11S1 Campaign 2; GW11S1 Campaign 4; GW11S1 Campaign 5; GW11S1 Campaign 6; GW15 Campaign 1; GW15 Campaign 2; GW15 Campaign 3; GW15 Campaign 4; GW15 Campaign 5; GW24S Campaign 1; GW24S Campaign 3; GW24S Campaign 4; PZ_14 Campaign 1; PZ_16 Campaign 2	
Chromium	µg/l	0.05	197	<5	7	1	PZ_14 Campaign 1	
Lead	µg/l	0.01	197	1	6	10	GW1 Dup Campaign 1; GW2 Campaign 1; GW3 Campaign 2; GW6D Campaign 6; GW10 Campaign 2; GW11S Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 2; PZ_16 Campaign 2	
Nickel	µg/l	0.02	197	1	99	151	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 4; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 3; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9D Campaign 4; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2;	
Copper	µg/l	2	197	5	32	35	GW1 Campaign 2; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW2 Campaign 1; GW2 Campaign 2; GW3 Campaign 2; PZ_20 Campaign 2; PZ_19 Campaign 2; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 2; GW9D Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11S Campaign 2; GW11S1 Campaign 2; GW15 Campaign 2; GW15 Campaign 3; GW16D Campaign 2; GW16D Dup Campaign 2; GW20 Campaign 2; GW21 Campaign 2; GW22 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; GW24D Campaign 2; PZ_6 Campaign 2; PZ_14 Campaign 1; PZ_14 Campaign 2; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5	

Constituents	GW1 Campaign 1	GW1 Campaign 2	GW1 Campaign 3	GW1 Campaign 4	GW1 Campaign 5	GW1 Campaign 6	GW1 Dup Campaign 1	GW1 Dup Campaign 2	GW1 Dup Campaign 6	GW2 Campaign 1	GW2 Campaign 2	GW2 Campaign 3	GW2 Campaign 4	GW2 Campaign 5	GW2 Campaign 6	GW3 Campaign 1	GW3 Campaign 2	GW3 Campaign 3	GW3 Campaign 4	GW3 Campaign 5	GW3 Campaign 6	PZ_20 Campaign 1	PZ_20 Campaign 2	PZ_20 Campaign 3	PZ_20 Campaign 4
pH Value (Lab)	6.4	6.3	6.5	6.8	6.8	6.4	6.6	6.4	6.4	6	5.7	5.8	6.2	6.1	5.9	7	6.6	6.6	6.8	6.8	6.5	7.2	6.7	7.1	6.6
pH Value (Field)	-	6.2	6.2	6	6.1	6.5	-	-	-	-	5.6	5.6	5.6	5.6	6.1	-	6.4	6.2	5.9	6.5	6.4	-	6.3	6.5	6
Redox Potential (ORP)	-	-16	-15	32	39	97	-	-	-	-	121	141	70	86	109	-	93	114	61	-35	110	-	101	115	31
DO	-	3	6	4	6	6	-	-	-	-	71	87	67	79	85	-	51	92	74	77	85	-	50	81	44
Iron	28	<10	<10	<10	<10	<10	22	<10	<10	17	21	<10	13	<10	<10	<10	14	<10	<10	35	<10	<10	<10	<10	<10
Boron	214	233	403	479	543	496	292	360	343	<5	<5	<5	<5	142	25	<5	79	<5	<5	233	76	<5	38	<5	38
Arsenic	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chromium	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Lead	8	<1	<1	<1	<1	<1	6	<1	<1	4	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1
Nickel	8	4	3	4	3	3	8	4	3	15	15	11	12	12	7	3	6	2	2	1	4	2	4	<1	3
Copper	18	6	<5	<5	<5	<5	17	5	<5	18	7	<5	<5	<5	<5	<5	12	<5	<5	<5	<5	<5	12	<5	<5

Constituents	PZ_20 Campaign 5	PZ_20 Campaign 6	PZ_19 Campaign 1	PZ_19 Campaign 2	PZ_19 Campaign 3	PZ_19 Campaign 4	PZ_19 Campaign 5	PZ_19 Campaign 6	Dup Campaign 5	PZ_18 Campaign 1	PZ_18 Campaign 2	PZ_18 Campaign 3	PZ_18 Campaign 4	PZ_18 Campaign 5	PZ_18 Campaign 6	Dup Campaign 3	GW6D Campaign 1	GW6D Campaign 2	GW6D Campaign 3	GW6D Campaign 4	GW6D Campaign 5	GW6D Campaign 6	GW7 Campaign 1	GW7 Campaign 2	GW7 Campaign 3
pH Value (Lab)	6.8	6.5	6.5	6.2	6.3	5.9	6	6.2	5.9	7.4	7.7	7.4	7.4	7.5	8.3	7.5	6.9	6.9	6.8	7.4	6.7	6.8	7.5	7.9	7.8
pH Value (Field)	6.5	6.2	-	6.3	5.8	6.2	6.6	6.7	6.6	-	7.7	8.8	7.2	-	7.5	-	-	6.7	6.7	6.6	6.7	6.7	-	7.3	7.5
Redox Potential (ORP)	23	64	-	50	145	63	73	-66	73	-	-177	-247	-195	-	-206	-	-	-28	-30	-99	-96	-28	-	-151	-176
DO	85	88	-	26	43	66	43	32	43	-	1	4	4	-	1	-	-	5	4	4	1	3	-	2	4
Iron	40	<10	<10	93	96	57	72	<10	68	207	<10	269	681	133	<10	341	86	<10	36	<10	110	113	194	94	34
Boron	178	<5	<5	77	<5	80	16	55	<5	9	44	<5	43	52	17	16	<5	32	<5	105	<5	15	<5	<5	145
Arsenic	<5	<5	<5	<5	<5	<5	<5	<5	<5	11	17	18	18	18	17	17	<5	<5	<5	<5	<5	<5	16	7	14
Chromium	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Lead	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1
Nickel	<1	4	6	8	3	4	10	4	10	4	5	6	6	7	6	6	5	6	3	3	3	9	1	<1	<1
Copper	<5	<5	<5	10	<5	<5	<5	<5	<5	<5	29	<5	<5	<5	<5	<5	<5	12	<5	<5	<5	<5	<5	<5	<5

Assessment Criteria : *Drinking Water Standard*

CaCO 0.00 0.00 **DOC** 0.00

Calcium 0.00 **DOC** 0.00 **Catchment area** **Freshwater not listed**

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Zone	GW1 Campaign 1	GW1 Campaign 2	GW1 Campaign 3	GW1 Campaign 4	GW1 Campaign 5	GW1 Campaign 6	GW1 Dup Campaign 1	GW1 Dup Campaign 2	GW1 Dup Campaign 6	GW2 Campaign 1	GW2 Campaign 2	GW2 Campaign 3	GW2 Campaign 4	GW2 Campaign 5	GW2 Campaign 6	GW3 Campaign 1	GW3 Campaign 2	GW3 Campaign 3	GW3 Campaign 4	GW3 Campaign 5	GW3 Campaign 6	PZ_20 Campaign 1	PZ_20 Campaign 2	PZ_20 Campaign 3	PZ_20 Campaign 4	PZ_20 Campaign 5	PZ_20 Campaign 6	PZ_19 Campaign 1	PZ_19 Campaign 2	PZ_19 Campaign 3	PZ_19 Campaign 4	PZ_19 Campaign 5	PZ_19 Campaign 6	PZ_19 Dup Campaign 5	PZ_18 Campaign 1	PZ_18 Campaign 2	PZ_18 Campaign 3	PZ_18 Campaign 4	PZ_18 Campaign 5	PZ_18 Campaign 6	PZ_18 Dup Campaign 3	GW6D Campaign 1	GW6D Campaign 2	GW6D Campaign 3	GW6D Campaign 4	GW6D Campaign 5	GW6D Campaign 6	GW7 Campaign 1	GW7 Campaign 2	GW7 Campaign 3
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0			6.4	6.3	6.5	6.8	6.8	6.4	6.6	6.4	6.4	6	5.7	5.8	6.2	6.1	5.9	7	6.6	6.6	6.8	6.8	6.5	7.2	6.7	7.1	6.6	6.8	6.5	6.5	6.2	6.3	5.9	6	6.2	5.9	7.4	7.7	7.4	7.4	7.5	8.3	7.5	6.9	6.9	6.8	7.4	6.7	6.8	7.5	7.9	7.8
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0			-	6.2	6.2	6	6.1	6.5	-	-	-	-	5.6	5.6	5.6	5.6	6.1	-	6.4	6.2	5.9	6.5	6.4	-	6.3	6.5	6	6.5	6.2	-	6.3	5.8	6.2	6.6	6.7	6.6	-	7.7	8.8	7.2	-	7.5	-	-	6.7	6.7	6.6	6.7	6.7	-	7.3	7.5
Redox Potential (ORP)	mV	No WSV	155	-363	145	0			-	-16	-15	32	39	97	-	-	-	-	121	141	70	86	109	-	93	114	61	-35	110	-	101	115	31	23	64	-	50	145	63	73	-66	73	-	-177	-247	-195	-	-206	-	-	-28	-30	-99	-96	-28	-	-151	-176
DO	%	No WSV	155	1	102	0			-	3	6	4	6	6	-	-	-	-	71	87	67	79	85	-	51	92	74	77	85	-	50	81	44	85	88	-	26	43	66	43	32	43	-	1	4	4	-	1	-	-	5	4	4	1	3	-	2	4
Zinc	µg/l	3	197	5	1234	188	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D		72	18	50	8	47	27	73	15	29	91	26	45	102	119	30	8	80	20	62	16	24	7	60	29	65	13	55	7	124	29	55	26	31	24	9	229	17	17	89	<5	17	11	308	60	143	27	93	5	6	13
Cadmium	µg/l	0.005	197	<1	9	6	GW3 Campaign 1; PZ_20 Campaign 6; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 3; GW12 Campaign 3		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	9	<1	<1	<1	<1	<1	<1	<1
Mercury	µg/l	0.001	197	0.1	2.5	14	PZ_20 Campaign 3; PZ_19 Campaign 3; GW6D Campaign 6; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Dup Campaign 4; GW16D Campaign 6; GW17 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 2; PZ_14 Campaign 1; PZ_16 Campaign 1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	<0.1	<0.1
Total Phenols	µg/l	No WSV	197	0.5	<0.5	0			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Petroleum Hydrocarbons	µg/l	No WSV	197	<10	2233	0			<10	82	<10	<10	688	<10	<10	121	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	62	<10	29	108	<10	361	<10	<10	<10	219	<10	<10	<10	<10	30	<10	77	157	<10
Free Cyanide	µg/l	See Cyanide (total)	197	5	21.1	0			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	10	<5	<5	<5	<5	<5	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	µg/l	See BaP	197	<0.01	13.49	0			<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.11	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthylene	µg/l	See BaP	197	0.01	0.12	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	0.05	<0.01
Acenaphthene	µg/l	See BaP	197	0.01	3.76	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluorene	µg/l	See BaP	197	<0.01	1.34	0			<0.01	<0.01	<0.01	<0.01	<0.01	0.07	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01
Phenanthrene	µg/l	See BaP	197	<0.01	1	0			<0.01	0.12	<0.01	<0.01	<0.01	0.16	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	0.62	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	0.09	<0.01	0.04	<0.01
Anthracene	µg/l	See BaP	197	0.01	0.1	0			<0.01	0.03	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.01	<0.01	0.01	<0.01
Fluoranthene	µg/l	See BaP	197	<0.01	0.21	0			<0.01	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.21	<0.01	0.03	<0.01	0.05	<0.01
Pyrene	µg/l	See BaP	197	<0.01	0.19	0			<0.01	0.19	<0.01	<0.01	<0.01	<0.01	<0.01	0.15	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.19	<0.01	0.03	<0.01	0.06	<0.01
Benz(a)anthracene	µg/l	No WSV	197	<0.01	0.12	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.12	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	µg/l	See BaP	197	<0.01	0.12	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.12	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	µg/l	See PAH Sum of 4	197	<0.01	0.13	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	µg/l	See PAH Sum of 4	197	<0.01	0.16	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.16	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	µg/l	0.00001	197	<0.01	0.16	1	GW6D Campaign 4		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.16	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	µg/l	See PAH Sum of 4	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	µg/l	See PAH Sum of 4	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(ah)anthracene	µg/l	See BaP	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PAH	µg/l	No WSV	197	<0.01	19.89	0			<0.01	0.51	<0.01	<0.01	0.03	0.25	<0.01	0.15	0.13	<0.01	<0.01	<0.01	<0.01	<0.01	0.97	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.3	<0.01	0.24	<0.01	0.21	<0.01
Benzene	µg/l	0.001	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	µg/l	0.7	197	<0.01	1	1	PZ_16 Campaign 3		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	µg/l	0.3	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m&p-Xylene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	µg/l	0.5	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	µg/l	0.02	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Propylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylethylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	µg/l	No WSV	197	<0.01	1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1
1-methylpropylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	µg/l	0.0005	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	137	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	µg/l	See Trihalomethanes	197	<0.01	4	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbontetrachloride	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	µg/l	2	197	<0.01	3	1	PZ_14 Campaign 6		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethylene	µg/l	0.01 (sum of TCE & PCE)	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethylene	µg/l	0.01 (sum of TCE & PCE)	197	<0.01	31	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	µg/l	No WSV	197	<0.01	1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	µg/l	0.003	197	<0.01	132	1	GW20 Campaign 6		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	µg/l	No WSV	197	<0.01	2	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	µg/l	No WSV	197	<0.01	1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	µg/l	0.04	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,3-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	3	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	µg/l	N/A	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Cymene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	µg/l	0.001	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	µg/l	0.0006	197	<0.01	1	1	GW11S1 Campaign 6		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	µg/l	No WSV	197	<0.01	1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1
Dibromethane	µg/l	No WSV	197	<0.01	1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	µg/l	See Trihalomethanes	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	µg/l	See Trihalomethanes	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	µg/l	No WSV	197	<0.01	0.17	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	µg/l	No WSV	197	<0.01	0.17	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Assessment Criteria : *Drinking Water Standard*

CaCO 0.00 0.00 **DOC** 0.00

Calcium 0.00 **DOC** 0.00 **Catchment area** **Freshwater not listed**

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0	
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0	
Redox Potential (ORP)	mV	No WSV	155	-363	145	0	
DO	%	No WSV	155	1	102	0	
Salinity	pss	No WSV	155	0	17.9	0	
Electrical Conductivity	µS/cm	No WSV	197	0.49	26100	0	
Suspended Solids	mg/l	No WSV	197	<0.5	1200	0	
Calcium	mg/l	N/A	197	14	8925	0	
Magnesium	mg/l	N/A	197	0.5	533.8	0	
Sodium	mg/l	200	197	4	5336	46	PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW11D Campaign 1; GW11D Campaign 5; GW11D Campaign 6; GW11S Campaign 1; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW15 Campaign 1; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; GW24S Campaign 1; GW24S Campaign 2; GW24S Campaign 3; GW24S Campaign 4; GW24S Campaign 5; GW24S Campaign 6; PZ_14 Campaign 1; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup Campaign 5
Potassium	mg/l	N/A	197	1	141	0	
Chloride	mg/l	250	197	13	8504	66	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 4; GW11D Campaign 5; GW11D Campaign 6; GW11D Dup Campaign 4; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW24D Campaign 1; GW24D Campaign 2; GW24D Campaign 3; GW24D Campaign 4; GW24D Campaign 5; GW24D Campaign 6; GW24D Dup Campaign 4; GW24S Campaign 1; GW24S Campaign 2; GW24S Campaign 3; GW24S Campaign 4; GW24S Campaign 5; GW24S Campaign 6; PZ_6 Campaign 1; PZ_6 Campaign 2; PZ_6 Campaign 3; PZ_6 Campaign 4; PZ_6 Campaign 5; PZ_6 Campaign 6; PZ_14 Campaign 1; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup
Sulphate	mg/l	250	197	1	1197	6	PZ_14 Campaign 1; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup Campaign 5
Alkalinity	mg/l CaCO3	No WSV	197	30	1360	0	
Nitrate	mg/l	0.05	197	1	214	97	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; GW6D Campaign 5; GW9D Campaign 4; GW9D Campaign 6; GW10 Campaign 4; GW10 Campaign 6; GW11S Campaign 5; GW13 Campaign 2; GW13 Campaign 3; GW13 Campaign 5; GW13 Campaign 6; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; GW16D Campaign 2; GW16D Campaign 5; GW16D Campaign 6; GW16D Dup Campaign 2; GW16D Dup Campaign 5; GW16D Dup Campaign 6; GW17 Campaign 3; GW17 Campaign 4; GW17 Campaign 5; GW17 Campaign 6; GW18 Campaign 4; GW18 Campaign 5; PZ_21 Campaign 3; PZ_21 Campaign 4; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 1; GW20 Campaign 2; GW20 Campaign 3; GW20
Ammonium as NH4	mg/l	0.5	197	<0.01	42	91	GW1 Campaign 2; GW1 Campaign 4; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 5; GW11S1 Campaign 6; GW12 Campaign 1; GW12 Campaign 2; GW12 Campaign 3; GW12 Campaign 4; GW12 Campaign 5; GW12 Campaign 6; GW13 Campaign 2; GW15 Campaign 1; GW15 Campaign 2;
COD	mg/l	No WSV	197	<2	120	0	
BOD	mg/l	No WSV	197	2	33	0	

Constituents	GW7 Campaign 4	GW7 Campaign 5	GW7 Campaign 6	GW8 Campaign 1	GW8 Campaign 2	GW8 Campaign 3	GW8 Campaign 4	GW8 Campaign 5	GW8 Campaign 6	GW9S Campaign 1	GW9S Campaign 2	GW9S Campaign 3	GW9S Campaign 4	GW9S Campaign 5	GW9S Campaign 6	GW9D Campaign 1	GW9D Campaign 2	GW9D Campaign 3
pH Value (Lab)	8	7.5	7.7	7.3	7.7	7.4	7.7	7.2	7.4	7	6.9	7	7.4	7	7	6.9	6.8	7
pH Value (Field)	7.8	6.9	7.6	-	7	7.1	7	6.9	7.2	-	6.9	7	6.5	6.8	7.1	-	6.7	6.9
Redox Potential (ORP)	-221	-98	-167	-	-117	52	-150	-176	-165	-	-132	-189	-200	-210	-236	-	-137	-168
DO	1	2	1	-	3	7	2	2	1	-	3	2	2	1	1	-	3	4
Salinity	0.24	0.26	0.26	-	0.51	0.58	0.61	0.64	0.67	-	0.9	1.07	1.04	1.03	1.11	-	1.56	1.88
Electrical Conductivity	537	615	511	860	990	1112	1217	1238	1280	1380	1630	1903	1820	1846	1800	2900	2840	3410
Suspended Solids	60	14	2	2	6	8	10	48	14	56	14	190	42	12	42	326	6	200
Calcium	47.8	74	44	83.5	77	93.1	102	107	107	114.1	132	136.9	159.3	126	111	120.5	142	187.5
Magnesium	15.5	17	22	28.6	26	33.4	35.9	33	40	25.6	36	41.9	42.3	40	37	57.8	61	70.7
Sodium	41.4	68	47	74.3	74	104	115.3	111	45	159.7	190	251.3	255.6	285	231	387.3	425	511.8
Potassium	6.2	4	7	22.5	25	36.7	40.1	39	127	17	21	27.5	26.7	17	26	27.9	32	34.8
Chloride	30	35	35	78	84	106	114	124	13	239	289	367	334	325	298	646	643	801
Sulphate	13	41	20	25	13	20	19	17	118	16	14	<5	8	9	<5	8	1	<5
Alkalinity	310	300	260	450	570	600	550	520	590	260	610	630	600	550	650	690	680	720
Nitrate	<5	<1	<5	<1	<1	<5	<1	<1	<5	<5	<1	<5	<1	<1	<1	<5	<1	<5
Ammonium as NH4	0.22	<0.01	0.04	1.7	1.59	1	3.7	2.1	4.2	8.7	6.35	6	10.6	20	5	6.2	5.3	1.8
COD	<2	3	<2	<2	<2	12	<2	<2	<2	32	6	15	<2	25	21	17	100	7
BOD	<2	<2	#	<2	<2	3	<2	4	#	3	<2	<2	<2	<2	<2	<2	3	<2

Constituents	GW9D Campaign 4	GW9D Campaign 5	GW9D Campaign 6	GW10 Campaign 1	GW10 Campaign 2	GW10 Campaign 3	GW10 Campaign 4	GW10 Campaign 5	GW10 Campaign 6	GW10 Dup Campaign 1	GW11D Campaign 1	GW11D Campaign 2	GW11D Campaign 3	GW11D Campaign 4	GW11D Campaign 5	GW11D Campaign 6	GW11D Dup Campaign 4
pH Value (Lab)	7.3	6.9	6.8	7.1	7.6	7.6	7.4	7.3	7.6	7.2	12.6	12.6	12.1	11.8	11.1	9.8	11.8
pH Value (Field)	6.4	6.8	7.1	-	7.5	7.3	6.9	7	7.4	-	-	12.4	12.6	12.3	11.8	9.7	12.3
Redox Potential (ORP)	-185	-185	-223	-	-184	-178	-187	4	-130	-	-	-227	-278	-363	-302	-268	-363
DO	3	2	1	-	2	3	1	2	1	-	-	6	4	3	37	1	3
Salinity	1.77	1.67	1.69	-	0.82	1.13	1.07	0.86	0.86	-	-	2.52	2.13	2.2	1.8	1.64	2.2
Electrical Conductivity	3210	320	2900	1690	1858	2260	2010	1658	1585	1720	5400	5180	4750	2850	3060	3070	3150
Suspended Solids	48	20	42	62	20	10	30	6	12	42	68	10	42	60	162	16	30
Calcium	193.1	173	103	106.4	125	137.7	130.7	138	110	120.4	293.9	336	317.9	329.2	301	241	328.8
Magnesium	71.9	51	54	18.4	27	32	29.3	16	22	21	0.7	1	0.6	0.7	3	1	0.5
Sodium	505.6	497	378	163.2	249	268.6	240.7	150	195	185.8	282.1	192	176.7	187.8	304	341	166
Potassium	37	38	30	13.8	16	17.9	18.7	7	17	15.7	61.9	35	27.3	27.1	27	25	25.8
Chloride	678	699	618	297	294	429	327	268	255	301	208	193	209	336	823	834	284
Sulphate	<5	<5	<5	78	27	7	138	37	58	79	7	5	6	16	75	75	10
Alkalinity	710	640	650	420	660	450	550	400	490	460	1250	1270	1020	610	210	220	760
Nitrate	1	<1	1	<1	<1	<1	2	<1	1	<1	<1	<1	<5	<1	<1	<1	<1
Ammonium as NH4	10.6	35	3	23	19.1	14.8	10.6	12	4	31.9	10.6	5.3	3.3	9	1.6	3.2	8.3
COD	<2	<2	21	60	11	20	10	52	29	56	29	<2	6	<2	<2	6	<2
BOD	<2	<2	<2	13	6	8	7	8	2	9	<2	<2	3	<2	<2	<2	<2

Constituents	GW11S Campaign 1	GW11S Campaign 2	GW11S Campaign 3	GW11S Campaign 4	GW11S Campaign 5	GW11S Campaign 6	GW11S1 Campaign 1	GW11S1 Campaign 2	GW11S1 Campaign 3	GW11S1 Campaign 4	GW11S1 Campaign 5	GW11S1 Campaign 6	GW12 Campaign 1	GW12 Campaign 2	GW12 Campaign 3	GW12 Campaign 4	GW12 Campaign 5
pH Value (Lab)	7.2	7.7	7.6	7.5	7.1	6.9	7	6.9	7.4	7.6	8	7.1	6.7	6.7	6.9	7.2	7
pH Value (Field)	-	7.9	7.5	7	6.7	7.2	-	7.1	7.2	7.2	8.6	7.4	-	6.7	6.9	6.7	6.7
Redox Potential (ORP)	-	-129	-7	-216	-168	-231	-	-169	-167	-180	-275	-219	-	-114	-156	-168	-195
DO	-	2	59	2	4	1	-	2	3	2	3	1	-	2	4	4	2
Salinity	-	0.95	0.88	1.11	1.1	1.17	-	0.63	0.5	0	0.52	0.5	-	0.56	0.56	0.94	0.56
Electrical Conductivity	2400	2070	2050	2040	2090	2050	1170	1298	1043	0.49	1033	940	900	960	995	962	1049
Suspended Solids	98	14	26	60	146	36	808	96	62	30	204	12	76	<5	14	82	764
Calcium	209.8	61	131.9	162.4	195	172	99.4	29	86.1	91	106	78	86.9	119	103.1	108.5	104
Magnesium	43.8	16	31.3	36.5	34	35	13	5	14.3	13.2	13	11	15.5	24	19.2	20.1	17
Sodium	407.2	197	324.6	270.6	242	220	137.3	71	133.4	119.5	120	103	81.9	110	89.2	91.6	88
Potassium	141	77	108.5	80.4	72	57	5.5	4	4.6	4.5	5	4	12.5	15	13.7	14.9	13
Chloride	141	131	133	129	131	129	115	186	135	111	116	99	133	153	158	138	151
Sulphate	110	61	45	30	25	15	89	5	12	16	16	9	6	14	7	7	8
Alkalinity	1360	600	1140	1100	1000	1150	420	430	430	390	390	420	350	420	390	340	330
Nitrate	<1	<1	<5	<1	2	<1	<1	<1	<5	<1	<1	<1	<1	<1	<5	<1	<1
Ammonium as NH4	22.8	9.5	9.9	26.5	19	5	5.2	1.6	1.5	0.5	5.3	1.6	8.7	5.3	4.5	8.5	4.8
COD	3	<2	<2	<2	10	4	6	8	<2	<2	<2	5	23	<2	<2	<2	5
BOD	<2	<2	<2	<2	4	<2	<2	3	<2	<2	<2	<2	<2	<2	<2	<2	<2

Assessment Criteria : *Drinking Water Standard*

CaCO 0.00 0.00 **DOC** 0.00

Calcium 0.00 **DOC** 0.00 **Catchment area** **Freshwater not listed**

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW7 Campaign 4	GW7 Campaign 5	GW7 Campaign 6	GW8 Campaign 1	GW8 Campaign 2	GW8 Campaign 3	GW8 Campaign 4	GW8 Campaign 5	GW8 Campaign 6	GW9S Campaign 1	GW9S Campaign 2	GW9S Campaign 3	GW9S Campaign 4	GW9S Campaign 5	GW9S Campaign 6	GW9D Campaign 1	GW9D Campaign 2	GW9D Campaign 3	GW9D Campaign 4	GW9D Campaign 5	GW9D Campaign 6	GW10 Campaign 1	GW10 Campaign 2	GW10 Campaign 3	GW10 Campaign 4	GW10 Campaign 5	GW10 Campaign 6	GW10 Dup Campaign 1	GW11D Campaign 1	GW11D Campaign 2	GW11D Campaign 3	GW11D Campaign 4	GW11D Campaign 5	GW11D Campaign 6	GW11D Dup Campaign 4	GW11S Campaign 1	GW11S Campaign 2	GW11S Campaign 3	GW11S Campaign 4	GW11S Campaign 5	GW11S Campaign 6	GW11S1 Campaign 1	GW11S1 Campaign 2	GW11S1 Campaign 3	GW11S1 Campaign 4	GW11S1 Campaign 5	GW11S1 Campaign 6	GW12 Campaign 1	GW12 Campaign 2	GW12 Campaign 3	GW12 Campaign 4	GW12 Campaign 5
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		8	7.5	7.7	7.3	7.7	7.4	7.7	7.2	7.4	7	6.9	7	7.4	7	7	6.9	6.8	7	7.3	6.9	6.8	7.1	7.6	7.6	7.4	7.3	7.6	7.2	12.6	12.6	12.1	11.8	11.1	9.8	11.8	7.2	7.7	7.6	7.5	7.1	6.9	7	6.9	7.4	7.6	8	7.1	6.7	6.7	6.9	7.2	7
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		7.8	6.9	7.6	-	7	7.1	7	6.9	7.2	-	6.9	7	6.5	6.8	7.1	-	6.7	6.9	6.4	6.8	7.1	-	7.5	7.3	6.9	7	7.4	-	-	12.4	12.6	12.3	11.8	9.7	12.3	-	7.9	7.5	7	6.7	7.2	-	7.1	7.2	7.2	8.6	7.4	-	6.7	6.9	6.7	6.7
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-221	-98	-167	-	-117	52	-150	-176	-165	-	-132	-189	-200	-210	-236	-	-137	-168	-185	-185	-223	-	-184	-178	-187	4	-130	-	-	-227	-278	-363	-302	-268	-363	-	-129	-7	-216	-168	-231	-	-169	-167	-180	-275	-219	-	-114	-156	-168	-195
DO	%	No WSV	155	1	102	0		1	2	1	-	3	7	2	2	1	-	3	2	2	1	1	-	3	4	3	2	1	-	2	3	1	2	1	-	-	6	4	3	37	1	3	-	2	59	2	4	1	-	2	3	2	3	1	-	2	4	4	2
Iron	µg/l	0.2	197	10	54370	115	GW1 Dup Campaign 1; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 4; GW3 Campaign 2; GW3 Campaign 5; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 3; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 4; GW11S1 Campaign 5; GW12 Campaign 1;	93	44	<10	244	461	578	1725	38	2339	75	41	<10	2928	21	54370	11080	111	130	4122	27	34130	158	514	3697	64	10	1063	140	<10	<10	11	20	53	<10	14	179	940	179	5431	9233	<10	44	2584	64	211	845	<10	71	248	<10	1804	82
Boron	µg/l	1	197	5	1402	150	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 2; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign	82	191	84	496	435	539	602	554	616	323	412	345	289	576	274	567	431	479	523	602	550	191	106	233	186	525	195	164	<5	<5	<5	<5	<5	63	16	<5	243	186	189	201	232	<5	<5	195	301	52	43	161	125	129	136	<5
Arsenic	µg/l	0.01	197	5	77	43	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 6; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 6; GW11D Campaign 4; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 5; GW11S1 Campaign 2; GW11S1 Campaign 4; GW11S1 Campaign 5; GW11S1 Campaign 6; GW15 Campaign 1; GW15 Campaign 2; GW15 Campaign 3; GW15 Campaign 4; GW15 Campaign 5; GW24S Campaign 1; GW24S Campaign 3; GW24S Campaign 4; PZ_14 Campaign 1; PZ_16 Campaign 2	20	11	9	8	10	13	23	9	31	<5	<5	<5	<5	<5	77	<5	<5	<5	<5	<5	30	<5	25	36	<5	<5	16	<5	<5	<5	<5	6	<5	8	6	<5	9	<5	<5	7	<5	<5	6	<5	5	15	6	<5	<5	<5	<5	<5
Chromium	µg/l	0.05	197	<5	7	1	PZ_14 Campaign 1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Lead	µg/l	0.01	197	1	6	10	GW1 Dup Campaign 1; GW2 Campaign 1; GW3 Campaign 2; GW6D Campaign 6; GW10 Campaign 2; GW11S Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 2; PZ_16 Campaign 2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Nickel	µg/l	0.02	197	1	99	151	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 4; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 3; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9D Campaign 4; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2;	1	<1	1	2	<1	2	<1	2	2	1	2	1	2	1	<1	<1	<1	<1	1	<1	<1	6	2	2	2	3	2	5	99	53	57	53	10	2	61	8	5	8	5	5	5	4	2	1	1	1	1	1	2	2	<1	1
Copper	µg/l	2	197	5	32	35	GW1 Campaign 2; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW2 Campaign 1; GW2 Campaign 2; GW3 Campaign 2; PZ_20 Campaign 2; PZ_19 Campaign 2; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 2; GW9D Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11S Campaign 2; GW11S1 Campaign 2; GW15 Campaign 2; GW15 Campaign 3; GW16D Campaign 2; GW16D Dup Campaign 2; GW20 Campaign 2; GW21 Campaign 2; GW22 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; GW24D Campaign 2; PZ_6 Campaign 2; PZ_14 Campaign 1; PZ_14 Campaign 2; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6	<5	<5	<5	<5	<5	6	<5	<5	<5	<5	<5	25	<5	<5	<5	<5	<5	5	22	6	<5	<5	<5	<5	<5	23	<5	<5	<5	<5	<5	16	<5	<5	<5	<5	<5	<5	<5	<5	<5

Assessment Criteria : *Drinking Water Standard*

CaCO 0.00 **DOC** 0.00
Calcium 0.00 **DOC** 0.00 **Catchment area** **Freshwater not listed**

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW7 Campaign 4	GW7 Campaign 5	GW7 Campaign 6	GW8 Campaign 1	GW8 Campaign 2	GW8 Campaign 3	GW8 Campaign 4	GW8 Campaign 5	GW8 Campaign 6	GW9S Campaign 1	GW9S Campaign 2	GW9S Campaign 3	GW9S Campaign 4	GW9S Campaign 5	GW9S Campaign 6	GW9D Campaign 1	GW9D Campaign 2	GW9D Campaign 3	GW9D Campaign 4	GW9D Campaign 5	GW9D Campaign 6	GW10 Campaign 1	GW10 Campaign 2	GW10 Campaign 3	GW10 Campaign 4	GW10 Campaign 5	GW10 Campaign 6	GW10 Dup Campaign 1	GW11D Campaign 1	GW11D Campaign 2	GW11D Campaign 3	GW11D Campaign 4	GW11D Campaign 5	GW11D Campaign 6	GW11D Dup Campaign 4	GW11S Campaign 1	GW11S Campaign 2	GW11S Campaign 3	GW11S Campaign 4	GW11S Campaign 5	GW11S Campaign 6	GW11S1 Campaign 1	GW11S1 Campaign 2	GW11S1 Campaign 3	GW11S1 Campaign 4	GW11S1 Campaign 5	GW11S1 Campaign 6	GW12 Campaign 1	GW12 Campaign 2	GW12 Campaign 3	GW12 Campaign 4	GW12 Campaign 5
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		8	7.5	7.7	7.3	7.7	7.4	7.7	7.2	7.4	7	6.9	7	7.4	7	7	6.9	6.8	7	7.3	6.9	6.8	7.1	7.6	7.6	7.4	7.3	7.6	7.2	12.6	12.6	12.1	11.8	11.1	9.8	11.8	7.2	7.7	7.6	7.5	7.1	6.9	7	6.9	7.4	7.6	8	7.1	6.7	6.7	6.9	7.2	7
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		7.8	6.9	7.6	-	7	7.1	7	6.9	7.2	-	6.9	7	6.5	6.8	7.1	-	6.7	6.9	6.4	6.8	7.1	-	7.5	7.3	6.9	7	7.4	-	-	12.4	12.6	12.3	11.8	9.7	12.3	-	7.9	7.5	7	6.7	7.2	-	7.1	7.2	7.2	8.6	7.4	-	6.7	6.9	6.7	6.7
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-221	-98	-167	-	-117	52	-150	-176	-165	-	-132	-189	-200	-210	-236	-	-137	-168	-185	-185	-223	-	-184	-178	-187	4	-130	-	-	-227	-278	-363	-302	-268	-363	-	-129	-7	-216	-168	-231	-	-169	-167	-180	-275	-219	-	-114	-156	-168	-195
DO	%	No WSV	155	1	102	0		1	2	1	-	3	7	2	2	1	-	3	2	2	1	1	-	3	4	3	2	1	-	2	3	1	2	1	-	-	6	4	3	37	1	3	-	2	59	2	4	1	-	2	3	2	3	1	-	2	4	4	2
Zinc	µg/l	3	197	5	1234	188	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D	7	6	7	7	6	17	10	15	13	7	11	12	16	16	31	8	17	12	29	15	12	8	19	18	<5	20	14	9	<5	<5	9	<5	7	8	<5	7	25	24	15	46	33	10	10	19	11	9	10	9	10	15	13	16
Cadmium	µg/l	0.005	197	<1	9	6	GW3 Campaign 1; PZ_20 Campaign 6; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 3; GW12 Campaign 3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1
Mercury	µg/l	0.001	197	0.1	2.5	14	PZ_20 Campaign 3; PZ_19 Campaign 3; GW6D Campaign 6; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Dup Campaign 4; GW16D Campaign 6; GW17 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 2; PZ_14 Campaign 1; PZ_16 Campaign 1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.5	2.5	0.6	<0.1	<0.1	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	µg/l	No WSV	197	0.5	<0.5	0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Petroleum Hydrocarbons	µg/l	No WSV	197	<10	2233	0		<10	<10	<10	<10	674	<10	<10	<10	<10	<10	451	<10	<10	<10	<10	<10	904	310	<10	<10	<10	<10	297	148	<10	<10	23	<10	<10	71	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	27	<10	<10	<10	<10	<10	241	2233	<10	<10
Free Cyanide	µg/l	See Cyanide (total)	197	5	21.1	0		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	µg/l	See BaP	197	<0.01	13.49	0		<0.01	<0.01	<0.01	<0.01	0.38	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	<0.01	<0.01	0.07	0.99	<0.01	0.06	<0.01	<0.01	0.15	0.67	0.6	13.49	<0.01	2.41	<0.01	<0.01	0.64	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	<0.01	<0.01	0.07
Acenaphthylene	µg/l	See BaP	197	0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	0.09	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.01	0.05	<0.01	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01
Acenaphthene	µg/l	See BaP	197	0.01	3.76	0		<0.01	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.21	<0.01	3.76	<0.01	1.26	<0.01	1.15	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.01	<0.01	<0.01
Fluorene	µg/l	See BaP	197	<0.01	1.34	0		<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.34	<0.01	0.45	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenanthrene	µg/l	See BaP	197	<0.01	1	0		<0.01	<0.01	<0.01	<0.01	0.19	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.15	<0.01	0.05	<0.01	<0.01	<0.01	0.05	<0.01	1	<0.01	0.24	<0.01	0.14	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anthracene	µg/l	See BaP	197	0.01	0.1	0		<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.01	<0.01	0.1	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	µg/l	See BaP	197	<0.01	0.21	0		<0.01	<0.01	<0.01	<0.01	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrene	µg/l	See BaP	197	<0.01	0.19	0		<0.01	<0.01	<0.01	<0.01	0.16	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benz(a)anthracene	µg/l	No WSV	197	<0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	µg/l	See BaP	197	<0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	µg/l	See PAH Sum of 4	197	<0.01	0.13	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	µg/l	See PAH Sum of 4	197	<0.01	0.16	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	µg/l	0.00001	197	<0.01	0.16	1	GW6D Campaign 4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	µg/l	See PAH Sum of 4	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	µg/l	See PAH Sum of 4	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(ah)anthracene	µg/l	See BaP	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PAH	µg/l	No WSV	197	<0.01	19.89	0		<0.01	<0.01	0.03	<0.01	1.13	<0.01	<0.01	<0.01	0.03	<0.01	0.19	<0.01	<0.01	0.07	1.17	<0.01	0.17	<0.01	<0.01	0.15	0.94	0.6	19.89	<0.01	4.41	<0.01	1.44	0.64	0.07	<0.01	<0.01	<0.01	<0.01	0.63	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.23	<0.01	<0.01	0.07
Benzene	µg/l	0.001	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	µg/l	0.7	197	<0.01	1	1	PZ_16 Campaign 3	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	µg/l	0.3	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m&p-Xylene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	µg/l	0.5	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	µg/l	0.02	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Propylbenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	µg/l	No WSV	197	<0.01	1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1-methylpropylbenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	µg/l	0.0005	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	137	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	µg/l	See Trihalomethanes	197	<0.01	4	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbontetrachloride	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	µg/l	2	197	<0.01	3	1	PZ_14 Campaign 6	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethylene	µg/l	0.01 (sum of TCE & PCE)	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethylene	µg/l	0.01 (sum of TCE & PCE)	197	<0.01	31	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	µg/l	No WSV	197	<0.01	1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	µg/l	0.003	197	<0.01	132	1	GW20 Campaign 6	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	µg/l	No WSV	197	<0.01	2	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	µg/l	No WSV	197	<0.01	1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	µg/l	0.04	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,3-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	3	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	µg/l	N/A	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Cymene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	µg/l	0.001	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	µg/l	0.0006	197	<0.01	1	1	GW11S1 Campaign 6	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	µg/l	No WSV	197	<0.01	1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromethane	µg/l	No WSV	197	<0.01	1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	µg/l	No WSV	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	µg/l	See Trihalomethanes	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	µg/l	See Trihalomethanes	197	<0.01	<1	0		<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	µg/l	No WSV	197	<0.01	0.17	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	µg/l	No WSV	197	<0.01	0.17	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Assessment Criteria : *Drinking Water Standard*

CaCO 0.00 | 0.00 | **DOC** 0.00
Calcium 0.00 | **DOC** 0.00 | **Catchment area** Freshwater not listed

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0	
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0	
Redox Potential (ORP)	mV	No WSV	155	-363	145	0	
DO	%	No WSV	155	1	102	0	
Salinity	pss	No WSV	155	0	17.9	0	
Electrical Conductivity	µS/cm	No WSV	197	0.49	26100	0	
Suspended Solids	mg/l	No WSV	197	<0.5	1200	0	
Calcium	mg/l	N/A	197	14	8925	0	
Magnesium	mg/l	N/A	197	0.5	533.8	0	
Sodium	mg/l	200	197	4	5336	46	PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW11D Campaign 1; GW11D Campaign 5; GW11D Campaign 6; GW11S Campaign 1; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW15 Campaign 1; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; GW24S Campaign 1; GW24S Campaign 2; GW24S Campaign 3; GW24S Campaign 4; GW24S Campaign 5; GW24S Campaign 6; PZ_14 Campaign 1; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup Campaign 5
Potassium	mg/l	N/A	197	1	141	0	
Chloride	mg/l	250	197	13	8504	66	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 4; GW11D Campaign 5; GW11D Campaign 6; GW11D Dup Campaign 4; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW24D Campaign 1; GW24D Campaign 2; GW24D Campaign 3; GW24D Campaign 4; GW24D Campaign 5; GW24D Campaign 6; GW24D Dup Campaign 4; GW24S Campaign 1; GW24S Campaign 2; GW24S Campaign 3; GW24S Campaign 4; GW24S Campaign 5; GW24S Campaign 6; PZ_6 Campaign 1; PZ_6 Campaign 2; PZ_6 Campaign 3; PZ_6 Campaign 4; PZ_6 Campaign 5; PZ_6 Campaign 6; PZ_14 Campaign 1; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup
Sulphate	mg/l	250	197	1	1197	6	PZ_14 Campaign 1; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup Campaign 5
Alkalinity	mg/l CaCO3	No WSV	197	30	1360	0	
Nitrate	mg/l	0.05	197	1	214	97	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; GW6D Campaign 5; GW9D Campaign 4; GW9D Campaign 6; GW10 Campaign 4; GW10 Campaign 6; GW11S Campaign 5; GW13 Campaign 2; GW13 Campaign 3; GW13 Campaign 5; GW13 Campaign 6; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; GW16D Campaign 2; GW16D Campaign 5; GW16D Campaign 6; GW16D Dup Campaign 2; GW16D Dup Campaign 5; GW16D Dup Campaign 6; GW17 Campaign 3; GW17 Campaign 4; GW17 Campaign 5; GW17 Campaign 6; GW18 Campaign 4; GW18 Campaign 5; PZ_21 Campaign 3; PZ_21 Campaign 4; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 1; GW20 Campaign 2; GW20 Campaign 3; GW20
Ammonium as NH4	mg/l	0.5	197	<0.01	42	91	GW1 Campaign 2; GW1 Campaign 4; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 5; GW11S1 Campaign 6; GW12 Campaign 1; GW12 Campaign 2; GW12 Campaign 3; GW12 Campaign 4; GW12 Campaign 5; GW12 Campaign 6; GW13 Campaign 2; GW15 Campaign 1; GW15 Campaign 2;
COD	mg/l	No WSV	197	<2	120	0	
BOD	mg/l	No WSV	197	2	33	0	

Constituents	GW12 Campaign 6	GW13 Campaign 1	GW13 Campaign 2	GW13 Campaign 3	GW13 Campaign 4	GW13 Campaign 5	GW13 Campaign 6	GW15 Campaign 1	GW15 Campaign 2	GW15 Campaign 3	GW15 Campaign 4	GW15 Campaign 5	GW15 Campaign 6	GW16D Campaign 1	GW16D Campaign 2	GW16D Campaign 3	GW16D Campaign 4	GW16D Campaign 5	GW16D Campaign 6
pH Value (Lab)	6.7	7.7	7.5	7.6	7.8	7.5	7.4	6.4	6.4	6.8	7	6.8	6.9	7.3	7.6	7.7	7.9	7.4	7.6
pH Value (Field)	7	-	7.3	7.3	7	7.1	7.3	-	6.4	6.5	6.4	6.6	6.9	-	7.3	7.4	7.2	6.7	7.3
Redox Potential (ORP)	-206	-	-113	-160	-184	-197	-195	-	-99	-103	-161	-164	-202	-	-21	-50	-65	44	-138
DO	2	-	2	5	1	1	1	-	2	6	2	4	3	-	72	97	70	83	74
Salinity	0.58	-	0.3	0.35	0.36	0.42	0.42	-	0.83	0.86	1.31	1.57	1.72	-	0.28	0.24	0.29	0.28	0.31
Electrical Conductivity	800	670	580	764	740	1023	500	1640	1385	1646	2230	2660	3020	590	561	625	621	578	627
Suspended Solids	42	2	18	16	<5	18	6	159	18	6	132	108	114	334	12	28	14	2	20
Calcium	90	78.9	77	80.8	93.5	84	70	100.4	107	93.7	78.4	166	136	65.8	69	69.8	113.6	90	69
Magnesium	16	13.6	14	15.8	16.7	17	23	226.5	19	19.5	33.2	38	45	6.9	7	7.6	10.5	6	8
Sodium	84	62	43	51.7	58.8	59	67	217.3	173	176.5	335.3	413	453	51.3	63	50	79.2	61	55
Potassium	12	5.4	6	7.2	7.1	7	6	15.6	13	10.1	14.2	16	17	1.7	2	1.4	2.9	1	2
Chloride	136	83	56	72	84	150	86	194	147	200	353	457	499	69	46	54	46	40	47
Sulphate	<5	26	34	39	37	46	43	13	3	10	14	13	<5	57	53	58	55	53	60
Alkalinity	420	320	280	290	290	290	300	820	670	680	760	870	940	290	240	260	270	210	220
Nitrate	<1	<1	3	18	<1	5	4	<1	<1	<1	1	9	2	<1	5	<5	<5	5	6
Ammonium as NH4	4.2	0.09	0.53	0.28	0.21	0.01	0.32	6.71	10.6	8.65	21.2	20	1	<0.01	<0.01	0.1	0.26	0.02	0.01
COD	12	3	<2	8	<2	<2	9	25	33	63	71	95	101	<2	<2	<2	<2	<2	<2
BOD	<2	<2	<2	<2	<2	<2	<2	<2	<2	15	6	19	5	<2	3	<2	<2	<2	2

Constituents	Dup Campaign 2	Dup Campaign 3	Dup Campaign 4	Dup Campaign 5	Dup Campaign 6	GW17 Campaign 1	GW17 Campaign 2	GW17 Campaign 3	GW17 Campaign 4	GW17 Campaign 5	GW17 Campaign 6	GW18 Campaign 1	GW18 Campaign 2	GW18 Campaign 3	GW18 Campaign 4	GW18 Campaign 5	GW18 Campaign 6
pH Value (Lab)	7.6	7.7	7.9	7.5	7.6	-	-	7.3	8	6.9	7.2	-	-	7.5	7.6	6.7	-
pH Value (Field)	-	-	7.2	6.7	-	-	-	6.9	6	6.8	7	-	-	7.2	6.5	6.2	-
Redox Potential (ORP)	-	-	-65	44	-	-	-	91	28	17	-18	-	-	64	-25	54	-
DO	-	-	70	83	-	-	-	102	86	85	81	-	-	80	78	86	-
Salinity	-	-	0.29	0.28	-	-	-	0.18	0.17	0.16	0.18	-	-	0.12	0.08	0.07	-
Electrical Conductivity	553	614	622	551	597	-	-	420	374	326	400	-	-	99	188	138	-
Suspended Solids	22	10	10	16	12	-	-	16	18	24	6	-	-	4	216	22	-
Calcium	67	73	131.7	93	67	-	-	40	39.7	48	34	-	-	34.9	24.6	58	-
Magnesium	7	8.1	11.7	5	8	-	-	5.5	5.6	3	6	-	-	3.9	3.1	2	-
Sodium	59	52.2	88.9	53	54	-	-	30.5	35.7	18	38	-	-	11.1	11.2	14	-
Potassium	2	1.5	3.3	1	2	-	-	2.7	2.6	2	3	-	-	3.1	3.1	2	-
Chloride	46	54	44	40	47	-	-	37	48	32	42	-	-	15	16	17	-
Sulphate	55	59	54	53	61	-	-	25	22	18	22	-	-	24	16	24	-
Alkalinity	250	260	250	220	240	-	-	150	80	100	90	-	-	80	60	60	-
Nitrate	6	<5	<5	5	6	-	-	23	22	18	19	-	-	<5	8	7	-
Ammonium as NH4	<0.01	0.01	0.24	0.02	0.02	-	-	0.03	0.03	0.03	0.04	-	-	<0.01	0.11	<0.01	-
COD	>2	<2	<2	5	<2	-	-	9	<2	<2	<2	-	-	13	<2	<2	-
BOD	2	<2	<2	<2	<2	-	-	<2	<2	<2	<2	-	-	<2	<2	<2	-

Constituents	PZ_21 Campaign 1	PZ_21 Campaign 2	PZ_21 Campaign 3	PZ_21 Campaign 4	PZ_21 Campaign 5	PZ_21 Campaign 6	GW20 Campaign 1	GW20 Campaign 2	GW20 Campaign 3	GW20 Campaign 4	GW20 Campaign 5	GW20 Campaign 6	Dup Campaign 1	Dup Campaign 3	GW21 Campaign 1	GW21 Campaign 2
pH Value (Lab)	-	-	7.1	7.6	7.2	6.9	6.9	7	8.2	7.4	7.2	7.3	6.9	8.3	5.9	6
pH Value (Field)	-	-	6.7	6.8	6.8	7.1	-	6.7	6.9	7	6.9	6.8	-	-	-	6
Redox Potential (ORP)	-	-	52	-103	-40	-85	-	67	91	-96	15	70	-	-	-	96
DO	-	-	8	3	4	2	-	57	33	32	34	42	-	-	-	65
Salinity	-	-	0.67	0.66	0.73	0.75	-	0.22	0.21	0.44	0.45	0.45	-	-	-	0.24
Electrical Conductivity	-	-	1330	1281	1442	1493	520	540	607	899	889	874	520	538	540	597
Suspended Solids	-	-	<5	64	14	22	11	44	28	102	22	36	15	44	44	10
Calcium	-	-	203.9	188.9	211	219	68.4	73	86.3	108.5	156	112	74.8	79.3	64.1	57
Magnesium	-	-	15	14.9	16	17	9.3	10	11.6	18.3	22	26	10.2	10.5	7.2	6
Sodium	-	-	66.9	66	92	107	24.4	31	26.1	24.6	25	7	26.7	25.1	25.2	29
Potassium	-	-	5.6	5.5	7	8.5	2.6	3	3.7	4.2	5	32	2.8	3.4	2.8	3
Chloride	-	-	160	203	354	258	31	27	25	72	66	52	36	25	57	54
Sulphate	-	-	28	32	31	29	25	25	27	49	47	71	30	28	55	52
Alkalinity	-	-	180	390	210	360	260	240	240	240	180	160	270	260	270	50
Nitrate	-	-	67	16	24	25	50	52	44	191	202	214	50	43	145	148
Ammonium as NH4	-	-	0.11	0.04	0.32	0.02	0.02	<0.01	0.03	0.01	<0.01	0.03	0.02	0.03	0.37	<0.01
COD	-	-	<2	<2	<2	<2	<2	5	<2	<2	<2	<2	<2	<2	<2	<2
BOD	-	-	<2	9	<2	<2	<2	13	<2	<2	<2	#	<2	<2	<2	<2

Assessment Criteria : *Drinking Water Standard*

CaCO 0.00 0.00 **DOC** 0.00

Calcium 0.00 **DOC** 0.00 **Catchment area** **Freshwater not listed**

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW12 Campaign 6	GW13 Campaign 1	GW13 Campaign 2	GW13 Campaign 3	GW13 Campaign 4	GW13 Campaign 5	GW13 Campaign 6	GW15 Campaign 1	GW15 Campaign 2	GW15 Campaign 3	GW15 Campaign 4	GW15 Campaign 5	GW15 Campaign 6	GW16D Campaign 1	GW16D Campaign 2	GW16D Campaign 3	GW16D Campaign 4	GW16D Campaign 5	GW16D Campaign 6	Dup Campaign 2	Dup Campaign 3	Dup Campaign 4	Dup Campaign 5	Dup Campaign 6	GW17 Campaign 1	GW17 Campaign 2	GW17 Campaign 3	GW17 Campaign 4	GW17 Campaign 5	GW17 Campaign 6	GW18 Campaign 1	GW18 Campaign 2	GW18 Campaign 3	GW18 Campaign 4	GW18 Campaign 5	GW18 Campaign 6	PZ_21 Campaign 1	PZ_21 Campaign 2	PZ_21 Campaign 3	PZ_21 Campaign 4	PZ_21 Campaign 5	PZ_21 Campaign 6	GW20 Campaign 1	GW20 Campaign 2	GW20 Campaign 3	GW20 Campaign 4	GW20 Campaign 5	GW20 Campaign 6	Dup Campaign 1	Dup Campaign 3	GW21 Campaign 1	GW21 Campaign 2
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		6.7	7.7	7.5	7.6	7.8	7.5	7.4	6.4	6.4	6.8	7	6.8	6.9	7.3	7.6	7.7	7.9	7.4	7.6	7.6	7.7	7.9	7.5	7.6	-	-	7.3	8	6.9	7.2	-	-	7.5	7.6	6.7	-	-	-	7.1	7.6	7.2	6.9	6.9	7	8.2	7.4	7.2	7.3	6.9	8.3	5.9	6
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		7	-	7.3	7.3	7	7.1	7.3	-	6.4	6.5	6.4	6.6	6.9	-	7.3	7.4	7.2	6.7	7.3	-	-	7.2	6.7	-	-	-	6.9	6	6.8	7	-	-	7.2	6.5	6.2	-	-	-	6.7	6.8	6.8	7.1	-	6.7	6.9	7	6.9	6.8	-	-	-	6
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-206	-	-113	-160	-184	-197	-195	-	-99	-103	-161	-164	-202	-	-21	-50	-65	44	-138	-	-	-65	44	-	-	-	91	28	17	-18	-	-	64	-25	54	-	-	-	52	-103	-40	-85	-	67	91	-96	15	70	-	-	-	96
DO	%	No WSV	155	1	102	0		2	-	2	5	1	1	1	-	2	6	2	4	3	-	72	97	70	83	74	-	-	70	83	-	-	-	102	86	85	81	-	-	80	78	86	-	-	-	8	3	4	2	-	57	33	32	34	42	-	-	-	65
Iron	µg/l	0.2	197	10	54370	115	GW1 Dup Campaign 1; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 4; GW3 Campaign 2; GW3 Campaign 5; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 3; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 4; GW11S1 Campaign 5; GW12 Campaign 1;	25600	64	312	52	50	133	34	26580	40	47960	25	555	34590	<10	<10	<10	11	<10	39	<10	24	10	<10	<10	-	-	<10	<10	<10	<10	-	-	<10	42	<10	-	-	-	<10	<10	<10	<10	<10	<10	16	72	<10	<10	<10	<10	<10	<10
Boron	µg/l	1	197	5	1402	150	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 2; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign	46	44	31	73	53	250	36	36	170	193	252	378	407	152	108	76	10	165	5	48	40	9	180	42	-	-	734	934	1402	791	-	-	<5	<5	109	-	-	-	<5	144	<5	49	36	<5	33	77	148	<5	16	21	33	<5
Arsenic	µg/l	0.01	197	5	77	43	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 6; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 6; GW11D Campaign 4; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 5; GW11S1 Campaign 2; GW11S1 Campaign 4; GW11S1 Campaign 5; GW11S1 Campaign 6; GW15 Campaign 1; GW15 Campaign 2; GW15 Campaign 3; GW15 Campaign 4; GW15 Campaign 5; GW24S Campaign 1; GW24S Campaign 3; GW24S Campaign 4; PZ_14 Campaign 1; PZ_16 Campaign 2	<5	<5	<5	<5	<5	<5	<5	6	8	30	5	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	<5	<5	<5	<5	-	-	<5	<5	<5	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chromium	µg/l	0.05	197	<5	7	1	PZ_14 Campaign 1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	<5	<5	<5	<5	-	-	<5	<5	<5	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Lead	µg/l	0.01	197	1	6	10	GW1 Dup Campaign 1; GW2 Campaign 1; GW3 Campaign 2; GW6D Campaign 6; GW10 Campaign 2; GW11S Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 2; PZ_16 Campaign 2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Nickel	µg/l	0.02	197	1	99	151	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 4; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 3; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9D Campaign 4; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2;	2	7	2	3	5	3	2	7	8	7	6	7	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	3	<1	1	-	-	-	5	2	2	4	2	2	1	<1	<1	<1	2	1	5	5
Copper	µg/l	2	197	5	32	35	GW1 Campaign 2; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW2 Campaign 1; GW2 Campaign 2; GW3 Campaign 2; PZ_20 Campaign 2; PZ_19 Campaign 2; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 2; GW9D Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11S Campaign 2; GW11S1 Campaign 2; GW15 Campaign 2; GW15 Campaign 3; GW16D Campaign 2; GW16D Dup Campaign 2; GW20 Campaign 2; GW21 Campaign 2; GW22 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; GW24D Campaign 2; PZ_6 Campaign 2; PZ_14 Campaign 1; PZ_14 Campaign 2; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5	<5	<5	<5	<5	<5	<5	<5	<5	13	6	<5	<5	<5	<5	9	<5	<5	<5	<5	8	<5	<5	<5	<5	-	-	<5	<5	<5	<5	-	-	<5	<5	<5	-	-	-	<5	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	<5	<5	17

Assessment Criteria : *Drinking Water Standard*

CaCO 0.00 0.00 **DOC** 0.00

Calcium 0.00 **DOC** 0.00 **Catchment area** **Freshwater not listed**

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW12 Campaign 6	GW13 Campaign 1	GW13 Campaign 2	GW13 Campaign 3	GW13 Campaign 4	GW13 Campaign 5	GW13 Campaign 6	GW15 Campaign 1	GW15 Campaign 2	GW15 Campaign 3	GW15 Campaign 4	GW15 Campaign 5	GW15 Campaign 6	GW16D Campaign 1	GW16D Campaign 2	GW16D Campaign 3	GW16D Campaign 4	GW16D Campaign 5	GW16D Campaign 6	Dup Campaign 2	Dup Campaign 3	Dup Campaign 4	Dup Campaign 5	Dup Campaign 6	GW17 Campaign 1	GW17 Campaign 2	GW17 Campaign 3	GW17 Campaign 4	GW17 Campaign 5	GW17 Campaign 6	GW18 Campaign 1	GW18 Campaign 2	GW18 Campaign 3	GW18 Campaign 4	GW18 Campaign 5	GW18 Campaign 6	PZ_21 Campaign 1	PZ_21 Campaign 2	PZ_21 Campaign 3	PZ_21 Campaign 4	PZ_21 Campaign 5	PZ_21 Campaign 6	GW20 Campaign 1	GW20 Campaign 2	GW20 Campaign 3	GW20 Campaign 4	GW20 Campaign 5	GW20 Campaign 6	Dup Campaign 1	Dup Campaign 3	GW21 Campaign 1	GW21 Campaign 2
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		6.7	7.7	7.5	7.6	7.8	7.5	7.4	6.4	6.4	6.8	7	6.8	6.9	7.3	7.6	7.7	7.9	7.4	7.6	7.6	7.7	7.9	7.5	7.6	-	-	7.3	8	6.9	7.2	-	-	7.5	7.6	6.7	-	-	-	7.1	7.6	7.2	6.9	6.9	7	8.2	7.4	7.2	7.3	6.9	8.3	5.9	6
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		7	-	7.3	7.3	7	7.1	7.3	-	6.4	6.5	6.4	6.6	6.9	-	7.3	7.4	7.2	6.7	7.3	-	-	7.2	6.7	-	-	-	6.9	6	6.8	7	-	-	7.2	6.5	6.2	-	-	-	6.7	6.8	6.8	7.1	-	6.7	6.9	7	6.9	6.8	-	-	-	6
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-206	-	-113	-160	-184	-197	-195	-	-99	-103	-161	-164	-202	-	-21	-50	-65	44	-138	-	-	-65	44	-	-	-	91	28	17	-18	-	-	64	-25	54	-	-	-	52	-103	-40	-85	-	67	91	-96	15	70	-	-	-	96
DO	%	No WSV	155	1	102	0		2	-	2	5	1	1	1	-	2	6	2	4	3	-	72	97	70	83	74	-	-	70	83	-	-	-	102	86	85	81	-	-	80	78	86	-	-	-	8	3	4	2	-	57	33	32	34	42	-	-	-	65
Zinc	µg/l	3	197	5	1234	188	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D	36	8	7	11	13	17	48	9	12	41	5	24	10	6	24	12	15	11	10	21	24	9	12	9	-	-	9	15	14	10	-	-	10	16	33	-	-	-	37	45	54	45	10	23	67	13	11	10	7	81	24	41
Cadmium	µg/l	0.005	197	<1	9	6	GW3 Campaign 1; PZ_20 Campaign 6; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 3; GW12 Campaign 3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Mercury	µg/l	0.001	197	0.1	2.5	14	PZ_20 Campaign 3; PZ_19 Campaign 3; GW6D Campaign 6; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Dup Campaign 4; GW16D Campaign 6; GW17 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 2; PZ_14 Campaign 1; PZ_16 Campaign 1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	0.1`	-	-	<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	0.2	0.1	<0.1	0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	µg/l	No WSV	197	0.5	<0.5	0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Petroleum Hydrocarbons	µg/l	No WSV	197	<10	2233	0		<10	<10	413	648	<10	<10	<10	<10	156	248	<10	<10	<10	<10	<10	<10	<10	<10	558	<10	<10	<10	<10	<10	-	-	<10	<10	<10	<10	-	-	<10	<10	<10	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	56
Free Cyanide	µg/l	See Cyanide (total)	197	5	21.1	0		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	<5	<5	<5	<5	-	-	<5	<5	<5	-	-	-	<5	<5	<5	<5	<5	<5	<5	5	10.5	<5	<5	<5	<5	<5
Naphthalene	µg/l	See BaP	197	<0.01	13.49	0		3.23	<0.01	<0.01	<0.01	<0.01	<0.01	0.81	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.05	<0.01	0.22	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthylene	µg/l	See BaP	197	0.01	0.12	0		0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	µg/l	See BaP	197	0.01	3.76	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	<0.01
Fluorene	µg/l	See BaP	197	<0.01	1.34	0		0.17	<0.01	<0.01	<0.01	<0.01	<0.01	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.09	<0.01	<0.01	<0.01	<0.01	<0.01	0.18	<0.01	<0.01	<0.01	<0.01
Phenanthrene	µg/l	See BaP	197	<0.01	1	0		0.24	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.14	<0.01	<0.01	<0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	<0.01
Anthracene	µg/l	See BaP	197	0.01	0.1	0		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01
Fluoranthene	µg/l	See BaP	197	<0.01	0.21	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01
Pyrene	µg/l	See BaP	197	<0.01	0.19	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	<0.01	<0.01	<0.01	<0.01
Benz(a)anthracene	µg/l	No WSV	197	<0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	µg/l	See BaP	197	<0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	µg/l	See PAH Sum of 4	197	<0.01	0.13	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	µg/l	See PAH Sum of 4	197	<0.01	0.16	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	µg/l	0.00001	197	<0.01	0.16	1	GW6D Campaign 4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	µg/l	See PAH Sum of 4	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	µg/l	See PAH Sum of 4	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(ah)anthracene	µg/l	See BaP	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PAH	µg/l	No WSV	197	<0.01	19.89	0		3.77	<0.01	<0.01	<0.01	<0.01	<0.01	1.02	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.37	<0.01	0.22	<0.01	<0.01	<0.01	0.76	<0.01	<0.01	<0.01	<0.01
Benzene	µg/l	0.001	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	µg/l	0.7	197	<0.01	1	1	PZ_16 Campaign 3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	µg/l	0.3	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m&p-Xylene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	µg/l	0.5	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	µg/l	0.02	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Propylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1-methylpropylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	µg/l	0.0005	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	137	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	137	<1	<1	<1	<1
1,1-Dichloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	µg/l	See Trihalomethanes	197	<0.01	4	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbontetrachloride	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	µg/l	2	197	<0.01	3	1	PZ_14 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethylene	µg/l	0.01 (sum of TCE & PCE)	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethylene	µg/l	0.01 (sum of TCE & PCE)	197	<0.01	31	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	31	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	µg/l	0.003	197	<0.01	132	1	GW20 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	132	<1	<1	<1	<1
2,2-Dichloropropane	µg/l	No WSV	197	<0.01	2	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1
1,2-Dichloropropane	µg/l	0.04	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,3-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	3	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Cymene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	µg/l	0.001	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	µg/l	0.0006	197	<0.01	1	1	GW11S1 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	µg/l	See Trihalomethanes	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	µg/l	See Trihalomethanes	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	µg/l	No WSV	197	<0.01	0.17	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	µg/l	No WSV	197	<0.01	0.17	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Assessment Criteria : *Drinking Water Standard*

CaCO 0.00 | 0.00 | DOC 0.00

Calcium 0.00 | DOC 0.00 | Catchment area | Freshwater not listed

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW21 Campaign 3	GW21 Campaign 4	GW21 Campaign 5	GW21 Campaign 6	GW22 Campaign 1	GW22 Campaign 2	GW22 Campaign 3	GW22 Campaign 4	GW22 Campaign 5	GW22 Campaign 6	GW23 Campaign 1	GW23 Campaign 2	GW23 Campaign 3	GW23 Campaign 4	GW23 Campaign 5	GW23 Campaign 6	Dup Campaign 2	Dup Campaign 6	GW24D Campaign 1	GW24D Campaign 2	GW24D Campaign 3	GW24D Campaign 4	GW24D Campaign 5	GW24D Campaign 6	Dup Campaign 4	GW24S Campaign 1	GW24S Campaign 2	GW24S Campaign 3	GW24S Campaign 4	GW24S Campaign 5	GW24S Campaign 6	PZ_6 Campaign 1	PZ_6 Campaign 2	PZ_6 Campaign 3	PZ_6 Campaign 4	PZ_6 Campaign 5	PZ_6 Campaign 6	PZ_14 Campaign 1	PZ_14 Campaign 2	PZ_14 Campaign 3	PZ_14 Campaign 4	PZ_14 Campaign 5	PZ_14 Campaign 6	PZ_16 Campaign 1	PZ_16 Campaign 2	PZ_16 Campaign 3	PZ_16 Campaign 4	PZ_16 Campaign 5	PZ_16 Campaign 6	Dup Campaign 5
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		7.8	6.4	6.1	6.5	7	7	8.1	7	6.3	6.6	7.3	7.1	8.3	7.3	6.9	7.3	7	7.4	7.3	8.4	7.2	6.7	7.3	7	6.7	7.2	8.2	7.2	7.5	7.5	7.2	7	7.1	7.1	7.2	6.9	6.9	7.4	7.9	7.7	7.5	7.5	7.5	7.8	7.1	6.9	7	6.5	6.6	6.5
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		5.9	5.9	5.7	6.5	-	6.8	7	6.3	6.1	6.3	-	6.8	6.8	6.3	6.5	6.8	-	-	-	7.3	7	6.9	6.7	7.5	6.9	-	7.4	7.1	6.9	7.1	7.5	-	7.2	7.3	6.9	7.1	-	-	7.7	7.4	7.6	7.7	6.9	-	7	6.7	6.5	6.5	6.8	-
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		101	41	79	6	-	53	109	15	62	93	-	-35	61	-13	54	61	-	-	-	-125	-166	-135	-165	-228	-135	-	-138	-164	-189	-196	-231	-	-143	-196	-184	-194	-	-	20	-104	-3	28	57	-	-109	-91	-152	-151	-152	-
DO	%	No WSV	155	1	102	0		72	65	72	71	-	20	14	64	5	5	-	4	10	11	4	2	-	-	-	3	4	66	2	1	66	-	2	4	2	4	1	-	4	4	17	3	-	-	43	48	34	25	58	-	5	2	7	3	2	-
Salinity	pss	No WSV	155	0	17.9	0		0.22	0.26	0.25	0.28	-	0.18	0.18	0.29	0.41	0.41	-	0.33	0.32	0.35	0.34	0.34	-	-	-	1.12	1.11	1.08	1.06	1.1	1.08	-	1.47	1.5	1.55	1.47	1.42	-	0.79	0.81	0.8	0.81	-	-	0.2	0.2	0.2	0.2	0.21	-	1.12	16.04	17.9	17.66	11.67	-
Electrical Conductivity	µS/cm	No WSV	197	0.49	26100	0		619	568	494	564	493	447	472	597	772	798	742	796	836	740	701	656	795	680	1877	2110	1948	2040	1860	1990	2100	2390	2650	2860	2890	2640	2590	1430	1519	1589	1599	1558	1300	6390	393	490	424	411	444	540	1997	21600	26100	21300	18710	20200
Suspended Solids	mg/l	No WSV	197	<0.5	1200	0		38	198	6	36	14	2	32	68	10	6	86	22	26	58	20	14	2	8	300	18	40	8	172	24	22	10	18	4	56	83	<0.5	84	2	16	66	122	22	186	14	12	20	8	2	38	14	58	16	134	152	172
Calcium	mg/l	N/A	197	14	8925	0		74.4	62.9	36	68	65.9	50	71.8	84	159	122	107.3	110.2	133.6	111	160	107	120.6	109	219.7	308	335.4	315.2	306	255	322.7	78.9	123	166.2	284.2	135	97	141.8	183	196.4	155.7	222	135	250.4	41	53.8	43.2	76	49	40.9	125	1153	8925	1066	1147	1035
Magnesium	mg/l	N/A	197	0.5	533.8	0		9.2	7.3	5	8	5.5	4	5.2	5.9	11	13	10.4	4.4	5.6	6.6	7	9	5.1	9	22.5	25	26.1	22.7	22	19	23.4	35.8	53	59.8	99.4	49	37	14.5	19	19.4	15.8	19	15	82.3	7	8	7.5	7	9	6.6	28	466.5	533.8	296	352	265
Sodium	mg/l	200	197	4	5336	46	PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW11D Campaign 1; GW11D Campaign 5; GW11D Campaign 6; GW11S Campaign 1; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW15 Campaign 1; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; GW24S Campaign 1; GW24S Campaign 2; GW24S Campaign 3; GW24S Campaign 4; GW24S Campaign 5; GW24S Campaign 6; PZ_14 Campaign 1; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup Campaign 5	27.4	23.6	50	28	18.6	19	15.2	16.2	28	31	23	29.2	26.8	20	38	23	33.2	27	120.4	119	119.1	112.5	107	92	116.1	306.8	382	443.6	730	389	345	128.6	188	170.1	141.8	160	133	1286	39	37.2	32.5	26	60	34.7	272	4703	5336	3578	3221	2954
Potassium	mg/l	N/A	197	1	141	0		3.5	2.7	2	3	5.3	5	6.3	5.5	4	5	6.4	1.3	1.7	2.8	3	3	1.5	3	13.3	8	8.9	7.6	7	5	7.9	10.1	15	15.9	27.8	13	11	6.6	10	8.9	6.7	9	7	24.1	4	4.2	3.5	4	5	3.6	10	36.5	38.3	27	32	24
Chloride	mg/l	250	197	13	8504	66	PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 4; GW11D Campaign 5; GW11D Campaign 6; GW11D Dup Campaign 4; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW24D Campaign 1; GW24D Campaign 2; GW24D Campaign 3; GW24D Campaign 4; GW24D Campaign 5; GW24D Campaign 6; GW24D Dup Campaign 4; GW24S Campaign 1; GW24S Campaign 2; GW24S Campaign 3; GW24S Campaign 4; GW24S Campaign 5; GW24S Campaign 6; PZ_6 Campaign 1; PZ_6 Campaign 2; PZ_6 Campaign 3; PZ_6 Campaign 4; PZ_6 Campaign 5; PZ_6 Campaign 6; PZ_14 Campaign 1; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16	52	42	47	45	36	29	28	36	51	57	38	51	54	48	47	50	51	50	458	528	508	498	473	464	498	650	728	764	752	734	704	323	317	330	315	321	329	1746	41	42	36	28	54	58	440	8504	1270	6844	6382	6599
Sulphate	mg/l	250	197	1	1197	6	PZ_14 Campaign 1; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5; PZ_16 Campaign 6; PZ_16 Dup Campaign 5	52	47	51	49	30	25	25	35	79	90	31	37	53	100	97	107	36	107	5	3	<5	7	7	<5	<5	2	2	<1	<5	<5	<5	7	9	8	9	8	7	327	48	56	57	51	57	50	83	981	1197	932	855	850
Alkalinity	mg/l CaCO3	No WSV	197	30	1360	0		120	60	30	120	230	80	150	120	130	140	440	240	370	190	250	180	290	170	400	380	360	350	340	420	360	200	320	270	270	230	280	270	310	380	350	420	420	800	110	200	130	80	150	140	410	290	360	160	400	210
Nitrate	mg/l	0.05	197	1	214	97	Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; GW6D Campaign 5; GW9D Campaign 4; GW9D Campaign 6; GW10 Campaign 4; GW10 Campaign 6; GW11S Campaign 5; GW13 Campaign 2; GW13 Campaign 3; GW13 Campaign 5; GW13 Campaign 6; GW15 Campaign 4; GW15 Campaign 5; GW15 Campaign 6; GW16D Campaign 2; GW16D Campaign 5; GW16D Campaign 6; GW16D Dup Campaign 2; GW16D Dup Campaign 5; GW16D Dup Campaign 6; GW17 Campaign 3; GW17 Campaign 4; GW17 Campaign 5; GW17 Campaign 6; GW18 Campaign 4; GW18 Campaign 5; PZ_21 Campaign 3; PZ_21 Campaign 4; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 1; GW20	127	118	124	122	77	63	56	101	166	173	33	32	14	47	50	59	32	60	1	<1	<5	<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	34	33	29	27	36	27	<1	<1	<1	<1	<1	<1
Ammonium as NH4	mg/l	0.5	197	<0.01	42	91	Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 5; GW11S1 Campaign 6; GW12 Campaign 1; GW12 Campaign 2; GW12 Campaign 3; GW12 Campaign 4; GW12 Campaign 5; GW12 Campaign 6; GW13 Campaign 2;	0.08	<0.01	0.06	9	0.19	<0.01	0.04	<0.01	0.01	0.02	0.48	<0.01	0.02	0.11	0.03	0.06	<0.01	0.03	1.62	0.9	0.47	0.42	1.1	0.5	0.58	10.27	4.24	4.1	0.06	4.8	2.7	7	10.6	8.2	10.1	7	2.1	0.05	<0.01	<0.1	0.01	0.16	0.07	0.81	9	0.85	3.71	1.2	0.05	1.2
COD	mg/l	No WSV	197	<2	120	0		<2	<2	<2	<2	<2	<2	<2	3	<2	<2	<2	<2	<2	<2	4	<2	<2	<2	17	<2	7	<2	<2	<2	<2	22	<2	<2	<2	<2	<2	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	95	26	50	78	<2	120	31
BOD	mg/l	No WSV	197	2	33	0		<2	<2	<2	#	<2	<2	<2	<2	<2	#	<2	<2	<2	<2	<2	<2	<2	#	<2	3	<2	<2	2	<2	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	15	26	5	22	<2	33	<2

Assessment Criteria :	Drinking Water Standard					
CaCO	0.00		0.00	DOC	0.00	
Calcium	0.00	DOC	0.00		Catchment area	Freshwater not listed

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0	
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0	
Redox Potential (ORP)	mV	No WSV	155	-363	145	0	
DO	%	No WSV	155	1	102	0	
Iron	µg/l	0.2	197	10	54370	115	GW1 Dup Campaign 1; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 4; GW3 Campaign 2; GW3 Campaign 5; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 3; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 4; GW11S1 Campaign 5; GW12 Campaign 1;
Boron	µg/l	1	197	5	1402	150	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 2; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign
Arsenic	µg/l	0.01	197	5	77	43	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 6; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 6; GW11D Campaign 4; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 5; GW11S1 Campaign 2; GW11S1 Campaign 4; GW11S1 Campaign 5; GW11S1 Campaign 6; GW15 Campaign 1; GW15 Campaign 2; GW15 Campaign 3; GW15 Campaign 4; GW15 Campaign 5; GW24S Campaign 1; GW24S Campaign 3; GW24S Campaign 4; PZ_14 Campaign 1; PZ_16 Campaign 2
Chromium	µg/l	0.05	197	<5	7	1	PZ_14 Campaign 1
Lead	µg/l	0.01	197	1	6	10	GW1 Dup Campaign 1; GW2 Campaign 1; GW3 Campaign 2; GW6D Campaign 6; GW10 Campaign 2; GW11S Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 2; PZ_16 Campaign 2
Nickel	µg/l	0.02	197	1	99	151	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 4; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 3; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9D Campaign 4; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2;
Copper	µg/l	2	197	5	32	35	GW1 Campaign 2; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW2 Campaign 1; GW2 Campaign 2; GW3 Campaign 2; PZ_20 Campaign 2; PZ_19 Campaign 2; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 2; GW9D Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11S Campaign 2; GW11S1 Campaign 2; GW15 Campaign 2; GW15 Campaign 3; GW16D Campaign 2; GW16D Dup Campaign 2; GW20 Campaign 2; GW21 Campaign 2; GW22 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; GW24D Campaign 2; PZ_6 Campaign 2; PZ_14 Campaign 1; PZ_14 Campaign 2; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5

Constituents	GW21 Campaign 3	GW21 Campaign 4	GW21 Campaign 5	GW21 Campaign 6	GW22 Campaign 1	GW22 Campaign 2	GW22 Campaign 3	GW22 Campaign 4	GW22 Campaign 5	GW22 Campaign 6	GW23 Campaign 1	GW23 Campaign 2	GW23 Campaign 3	GW23 Campaign 4	GW23 Campaign 5	GW23 Campaign 6	Dup Campaign 2
pH Value (Lab)	7.8	6.4	6.1	6.5	7	7	8.1	7	6.3	6.6	7.3	7.1	8.3	7.3	6.9	7.3	7
pH Value (Field)	5.9	5.9	5.7	6.5	-	6.8	7	6.3	6.1	6.3	-	6.8	6.8	6.3	6.5	6.8	-
Redox Potential (ORP)	101	41	79	6	-	53	109	15	62	93	-	-35	61	-13	54	61	-
DO	72	65	72	71	-	20	14	64	5	5	-	4	10	11	4	2	-
Iron	<10	50	<10	<10	17	12	12	11	<10	<10	<10	<10	21	<10	<10	<10	<10
Boron	10	141	288	21	59	<5	13	151	178	39	539	<5	67	176	183	35	27
Arsenic	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chromium	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Lead	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	1
Nickel	6	3	4	3	2	2	1	2	7	4	<1	2	2	1	2	2	2
Copper	<5	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	16	<5	<5	<5	<5	18

Constituents	Dup Campaign 6	GW24D Campaign 1	GW24D Campaign 2	GW24D Campaign 3	GW24D Campaign 4	GW24D Campaign 5	GW24D Campaign 6	Dup Campaign 4	GW24S Campaign 1	GW24S Campaign 2	GW24S Campaign 3	GW24S Campaign 4	GW24S Campaign 5	GW24S Campaign 6	PZ_6 Campaign 1	PZ_6 Campaign 2	PZ_6 Campaign 3
pH Value (Lab)	7.4	7.3	8.4	7.2	6.7	7.3	7	6.7	7.2	8.2	7.2	7.5	7.5	7.2	7	7.1	7.1
pH Value (Field)	-	-	7.3	7	6.9	6.7	7.5	6.9	-	7.4	7.1	6.9	7.1	7.5	-	7.2	7.3
Redox Potential (ORP)	-	-	-125	-166	-135	-165	-228	-135	-	-138	-164	-189	-196	-231	-	-143	-196
DO	-	-	3	4	66	2	1	66	-	2	4	2	4	1	-	4	4
Iron	<10	60	17	53	11	6009	<10	<10	29	11	3500	566	10	<10	<10	<10	9693
Boron	23	<5	67	63	38	<5	114	42	94	<5	102	103	14	51	36	115	27
Arsenic	<5	<5	<5	<5	<5	<5	<5	<5	6	<5	12	5	<5	<5	<5	<5	<5
Chromium	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Lead	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1
Nickel	2	3	2	<1	2	2	2	2	2	2	2	2	2	2	<1	4	<1
Copper	<5	<5	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	13	<5

Constituents	PZ_6 Campaign 4	PZ_6 Campaign 5	PZ_6 Campaign 6	PZ_14 Campaign 1	PZ_14 Campaign 2	PZ_14 Campaign 3	PZ_14 Campaign 4	PZ_14 Campaign 5	PZ_14 Campaign 6	PZ_16 Campaign 1	PZ_16 Campaign 2	PZ_16 Campaign 3	PZ_16 Campaign 4	PZ_16 Campaign 5	PZ_16 Campaign 6	Dup Campaign 5
pH Value (Lab)	7.2	6.9	6.9	7.4	7.9	7.7	7.5	7.5	7.5	7.8	7.1	6.9	7	6.5	6.6	6.5
pH Value (Field)	6.9	7.1	-	-	7.7	7.4	7.6	7.7	6.9	-	7	6.7	6.5	6.5	6.8	-
Redox Potential (ORP)	-184	-194	-	-	20	-104	-3	28	57	-	-109	-91	-152	-151	-152	-
DO	17	3	-	-	43	48	34	25	58	-	5	2	7	3	2	-
Iron	36	317	9101	9417	<10	13	<10	<10	<10	<10	3470	21910	18640	<10	10800	85
Boron	82	<5	59	439	<5	<5	49	<5	30	32	127	417	667	<5	106	<5
Arsenic	<5	<5	<5	6	<5	<5	<5	<5	<5	<5	9	<5	<5	<5	<5	<5
Chromium	<5	<5	<5	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Lead	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1
Nickel	<1	<1	<1	12	<1	<1	<1	<1	3	<1	2	5	5	2	6	2
Copper	<5	<5	<5	32	9	<5	<5	<5	<5	<5	6	8	8	7	<5	<5

Assessment Criteria : *Drinking Water Standard*

CaCO 0.00 0.00 DOC 0.00

Calcium 0.00 DOC 0.00 Catchment area Freshwater not listed

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW21 Campaign 3	GW21 Campaign 4	GW21 Campaign 5	GW21 Campaign 6	GW22 Campaign 1	GW22 Campaign 2	GW22 Campaign 3	GW22 Campaign 4	GW22 Campaign 5	GW22 Campaign 6	GW23 Campaign 1	GW23 Campaign 2	GW23 Campaign 3	GW23 Campaign 4	GW23 Campaign 5	GW23 Campaign 6	Dup Campaign 2	Dup Campaign 6	GW24D Campaign 1	GW24D Campaign 2	GW24D Campaign 3	GW24D Campaign 4	GW24D Campaign 5	GW24D Campaign 6	Dup Campaign 4	GW24S Campaign 1	GW24S Campaign 2	GW24S Campaign 3	GW24S Campaign 4	GW24S Campaign 5	GW24S Campaign 6	PZ_6 Campaign 1	PZ_6 Campaign 2	PZ_6 Campaign 3	PZ_6 Campaign 4	PZ_6 Campaign 5	PZ_6 Campaign 6	PZ_14 Campaign 1	PZ_14 Campaign 2	PZ_14 Campaign 3	PZ_14 Campaign 4	PZ_14 Campaign 5	PZ_14 Campaign 6	PZ_16 Campaign 1	PZ_16 Campaign 2	PZ_16 Campaign 3	PZ_16 Campaign 4	PZ_16 Campaign 5	PZ_16 Campaign 6	Dup Campaign 5
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		7.8	6.4	6.1	6.5	7	7	8.1	7	6.3	6.6	7.3	7.1	8.3	7.3	6.9	7.3	7	7.4	7.3	8.4	7.2	6.7	7.3	7	6.7	7.2	8.2	7.2	7.5	7.5	7.2	7	7.1	7.1	7.2	6.9	6.9	7.4	7.9	7.7	7.5	7.5	7.5	7.8	7.1	6.9	7	6.5	6.6	6.5
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		5.9	5.9	5.7	6.5	-	6.8	7	6.3	6.1	6.3	-	6.8	6.8	6.3	6.5	6.8	-	-	-	7.3	7	6.9	6.7	7.5	6.9	-	7.4	7.1	6.9	7.1	7.5	-	7.2	7.3	6.9	7.1	-	-	7.7	7.4	7.6	7.7	6.9	-	7	6.7	6.5	6.5	6.8	-
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		101	41	79	6	-	53	109	15	62	93	-	-35	61	-13	54	61	-	-	-	-125	-166	-135	-165	-228	-135	-	-138	-164	-189	-196	-231	-	-143	-196	-184	-194	-	-	20	-104	-3	28	57	-	-109	-91	-152	-151	-152	-
DO	%	No WSV	155	1	102	0		72	65	72	71	-	20	14	64	5	5	-	4	10	11	4	2	-	-	-	3	4	66	2	1	66	-	2	4	2	4	1	-	4	4	17	3	-	-	43	48	34	25	58	-	5	2	7	3	2	-
Zinc	µg/l	3	197	5	1234	188	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D	238	76	79	28	13	20	28	22	67	30	8	21	84	15	10	13	24	11	6	81	13	18	16	32	18	<5	329	21	18	16	11	1234	68	14	14	16	<5	90	25	12	17	9	33	67	15	61	99	44	83	53
Cadmium	µg/l	0.005	197	<1	9	6	GW3 Campaign 1; PZ_20 Campaign 6; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 3; GW12 Campaign 3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Mercury	µg/l	0.001	197	0.1	2.5	14	PZ_20 Campaign 3; PZ_19 Campaign 3; GW6D Campaign 6; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Dup Campaign 4; GW16D Campaign 6; GW17 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 2; PZ_14 Campaign 1; PZ_16 Campaign 1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.5	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	µg/l	No WSV	197	0.5	<0.5	0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Petroleum Hydrocarbons	µg/l	No WSV	197	<10	2233	0		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	92	<10	<10	91	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Free Cyanide	µg/l	See Cyanide (total)	197	5	21.1	0		<5	<5	18.2	<5	<5	<5	<5	<5	21.1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	µg/l	See BaP	197	<0.01	13.49	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.53	<0.01	<0.01	<0.01	<0.01	0.56	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.6	<0.01
Acenaphthylene	µg/l	See BaP	197	0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	µg/l	See BaP	197	0.01	3.76	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Fluorene	µg/l	See BaP	197	<0.01	1.34	0		<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01
Phenanthrene	µg/l	See BaP	197	<0.01	1	0		<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01
Anthracene	µg/l	See BaP	197	0.01	0.1	0		<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	µg/l	See BaP	197	<0.01	0.21	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrene	µg/l	See BaP	197	<0.01	0.19	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benz(a)anthracene	µg/l	No WSV	197	<0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	µg/l	See BaP	197	<0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	µg/l	See PAH Sum of 4	197	<0.01	0.13	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	µg/l	See PAH Sum of 4	197	<0.01	0.16	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	µg/l	0.00001	197	<0.01	0.16	1	GW6D Campaign 4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	µg/l	See PAH Sum of 4	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	µg/l	See PAH Sum of 4	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(ah)anthracene	µg/l	See BaP	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PAH	µg/l	No WSV	197	<0.01	19.89	0		<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	0.53	<0.01	<0.01	<0.01	<0.01	0.56	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.87	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.87	<0.01
Benzene	µg/l	0.001	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	µg/l	0.7	197	<0.01	1	1	PZ_16 Campaign 3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1
Ethylbenzene	µg/l	0.3	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m&p-Xylene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	µg/l	0.5	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	µg/l	0.02	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Propylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1-methylpropylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	µg/l	0.0005	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	137	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	µg/l	See Trihalomethanes	197	<0.01	4	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbontetrachloride	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	µg/l	2	197	<0.01	3	1	PZ_14 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	3	<1	<1	<1	<1	<1	<1	<1
Trichloroethylene	µg/l	0.01 (sum of TCE & PCE)	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethylene	µg/l	0.01 (sum of TCE & PCE)	197	<0.01	31	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	µg/l	0.003	197	<0.01	132	1	GW20 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	µg/l	No WSV	197	<0.01	2	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	µg/l	0.04	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,3-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	3	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Cymene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	µg/l	0.001	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	µg/l	0.0006	197	<0.01	1	1	GW11S1 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	µg/l	See Trihalomethanes	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	µg/l	See Trihalomethanes	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	µg/l	No WSV	197	<0.01	0.17	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	µg/l	No WSV	197	<0.01	0.17	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO 0.00 0.00 **DOC** 0.00

Calcium 0.00 **DOC** 0.00 **Catchment area** **Freshwater not listed**

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Zone	GW1 Campaign 1	GW1 Campaign 2	GW1 Campaign 3	GW1 Campaign 4	GW1 Campaign 5	GW1 Campaign 6	GW1 Dup Campaign 1	GW1 Dup Campaign 2	GW1 Dup Campaign 6	GW2 Campaign 1	GW2 Campaign 2	GW2 Campaign 3	GW2 Campaign 4	GW2 Campaign 5	GW2 Campaign 6	GW3 Campaign 1	GW3 Campaign 2	GW3 Campaign 3	GW3 Campaign 4	GW3 Campaign 5	GW3 Campaign 6	PZ_20 Campaign 1	PZ_20 Campaign 2	PZ_20 Campaign 3	PZ_20 Campaign 4	PZ_20 Campaign 5	PZ_20 Campaign 6	PZ_19 Campaign 1	PZ_19 Campaign 2	PZ_19 Campaign 3	PZ_19 Campaign 4	PZ_19 Campaign 5	PZ_19 Campaign 6	Dup Campaign 5	PZ_18 Campaign 1	PZ_18 Campaign 2	PZ_18 Campaign 3	PZ_18 Campaign 4	PZ_18 Campaign 5	PZ_18 Campaign 6	Dup Campaign 3	GW6D Campaign 1	GW6D Campaign 2
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0			6.4	6.3	6.5	6.8	6.8	6.4	6.6	6.4	6.4	6	5.7	5.8	6.2	6.1	5.9	7	6.6	6.6	6.8	6.8	6.5	7.2	6.7	7.1	6.6	6.8	6.5	6.5	6.2	6.3	5.9	6	6.2	5.9	7.4	7.7	7.4	7.4	7.5	8.3	7.5	6.9	6.9
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0			-	6.2	6.2	6	6.1	6.5	-	-	-	-	5.6	5.6	5.6	5.6	6.1	-	6.4	6.2	5.9	6.5	6.4	-	6.3	6.5	6	6.5	6.2	-	6.3	5.8	6.2	6.6	6.7	6.6	-	7.7	8.8	7.2	-	7.5	-	-	6.7
Redox Potential (ORP)	mV	No WSV	155	-363	145	0			-	-16	-15	32	39	97	-	-	-	-	121	141	70	86	109	-	93	114	61	-35	110	-	101	115	31	23	64	-	50	145	63	73	-66	73	-	-177	-247	-195	-	-206	-	-	-28
DO	%	No WSV	155	1	102	0			-	3	6	4	6	6	-	-	-	-	71	87	67	79	85	-	51	92	74	77	85	-	50	81	44	85	88	-	26	43	66	43	32	43	-	1	4	4	-	1	-	-	5
Salinity	pss	No WSV	155	0	17.9	0			-	0.66	0.69	0.76	0.68	0.71	-	-	-	-	0.31	0.33	0.34	0.34	0.35	-	0.44	0.44	0.45	0.46	0.45	-	0.22	0.23	0.23	0.24	0.24	-	0.13	0.13	0.13	0.16	0.14	0.16	-	0.85	1.73	1.92	-	2.02	-	-	2.57
Electrical Conductivity	µS/cm	No WSV	197	0.49	26100	0			1254	1254	1384	1492	1289	1322	1222	1285	1328	677	661	692	688	688	680	810	869	928	912	888	843	460	464	481	490	503	477	310	265	290	269	281	279	290	1910	2070	2750	3570	3540	3540	2810	4730	4710
Suspended Solids	mg/l	No WSV	197	<0.5	1200	0			10	<5	6	8	6	22	40	6	16	76	<5	12	8	12	14	186	14	12	4	8	24	256	12	<5	10	10	6	14	8	<5	56	24	<5	40	28	20	12	32	6	24	16	20	8
Calcium	mg/l	N/A	197	14	8925	0			178.6	142	210.6	141.8	217	180	169.6	164	185	70.2	71	87.7	78.8	104	69	128.5	127	131.1	140.5	159	134	44.6	52	51.7	43.4	95	54	16	21	19.4	14.6	16	26	14	179	199	277.5	740.5	403	349	283.7	596.1	761
Magnesium	mg/l	N/A	197	0.5	533.8	0			18.5	14	19.5	20.2	17	20	17.7	16	21	21.3	22	28.6	24.1	23	27	13	13	12.4	13.1	12	15	14.3	16	16.3	14.2	17	16	4.9	5	6.8	5.1	6	6	6	12.6	6	4.8	7	5	1	4.2	36.2	43
Sodium	mg/l	N/A	197	4	5336	0			91.4	63	95.7	102.8	77	91	88.3	73	89	38.2	25	31	27.2	18	28	31.2	42	32.1	34.6	30	39	16.3	26	23.2	17.9	13	4	33.5	37	47.9	30.3	27	28	27	150.5	170	196.7	431	234	237	197.3	192.5	238
Potassium	mg/l	N/A	197	1	141	0			8.8	5	7.4	8.2	6	7	7.6	6	7	7.1	4	4.5	3.8	4	4	3.7	7	3.7	3.9	4	4	3.9	8	4.3	3.8	4	15	2.7	5	2.7	2.4	3	2	3	17.5	28	38.3	92.6	48	49	38.5	5.1	6
Chloride	mg/l	N/A	197	13	8504	0			116	109	130	132	108	121	116	108	120	53	49	61	52	45	55	83	92	99	87	75	84	45	53	176	56	46	18	31	29	66	31	24	27	24	403	565	803	974	998	1005	803	1245	1259
Sulphate	mg/l	N/A	197	1	1197	0			100	100	114	120	100	110	100	98	107	86	84	94	86	81	84	79	91	103	95	93	102	17	20	27	20	15	51	19	18	28	21	15	18	15	49	10	<5	<5	3	<5	<5	30	19
Alkalinity	mg/l CaCO3	No WSV	197	30	1360	0			430	440	510	530	410	460	420	420	450	100	60	60	40	120	60	160	150	180	150	120	149	60	80	280	120	40	60	30	60	80	70	60	50	40	320	200	60	120	190	140	60	290	250
Nitrate	mg/l	N/A	197	1	214	0			80	96	75	61	80	87	80	94	87	155	174	176	167	176	190	131	152	154	142	138	160	120	133	55	127	128	137	67	70	67	69	74	74	74	<1	<1	<5	<5	<5	<1	<5	<1	<1
Ammonium as NH4	mg/l	Not appropriate, see Unionised Ammonia	197	<0.01	42	0			6.82	9	<0.1	2.1	0.02	4.24	8.47	10.1	4.24	0.06	<0.01	<0.1	<0.1	0.04	0.02	0.03	0.05	<0.1	<0.1	0.03	0.02	<0.01	0.04	0.02	0.02	0.06	0	<0.01	0.03	0.02	0.02	0.03	0	0.03	8.9	15.88	35.6	0.21	31	42	8.1	3.26	0.37
COD	mg/l	No WSV	197	<2	120	0			<2	<2	<2	<2	<2	4	<2	<2	3	<2	<2	<2	<2	28	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	16	<2	<2	<2	<2	<2	<2	27	36	8	22	46	35	5	16	8
BOD	mg/l	No WSV	197	2	33	0			<2	<2	<2	<2	12	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	6	<2	2	17	<2	<2	<2	<2
Iron	µg/l	1	197	10	54370	115	GW1 Dup Campaign 1; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 4; GW3 Campaign 2; GW3 Campaign 5; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 3; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 4; GW11S1 Campaign 5; GW12 Campaign 1; GW12 Campaign 2;		28	<10	<10	<10	<10	<10	22	<10	<10	17	21	<10	13	<10	<10	<10	14	<10	<10	35	<10	<10	<10	<10	<10	40	<10	<10	93	96	57	72	<10	68	207	<10	269	681	133	<10	341	86	<10
Boron	µg/l	7	197	5	1402	149	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 2; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign		214	233	403	479	543	496	292	360	343	<5	<5	<5	<5	142	25	<5	79	<5	<5	233	76	<5	38	<5	38	178	<5	<5	77	<5	80	16	55	<5	9	44	<5	43	52	17	16	<5	32
Arsenic	µg/l	0.025	197	5	77	43	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 6; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 6; GW11D Campaign 4; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 5; GW11S1 Campaign 2; GW11S1 Campaign 4; GW11S1 Campaign 5; GW11S1 Campaign 6; GW15 Campaign 1; GW15 Campaign 2; GW15 Campaign 3; GW15 Campaign 4; GW15 Campaign 5; GW24S Campaign 1; GW24S Campaign 3; GW24S Campaign 4; PZ_14 Campaign 1; PZ_16 Campaign 2		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	11	17	18	18	18	17	17	<5	<5
Chromium	µg/l	0.0006	197	<5	7	1	PZ_14 Campaign 1		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Lead	µg/l	0.0013	197	1	6	10	GW1 Dup Campaign 1; GW2 Campaign 1; GW3 Campaign 2; GW6D Campaign 6; GW10 Campaign 2; GW11S Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 2; PZ_16 Campaign 2		8	<1	<1	<1	<1	<1	6	<1	<1	4	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Nickel	µg/l	0.0086	197	1	99	151	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 4; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 3; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9D Campaign 4; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2;		8	4	3	4	3	3	8	4	3	15	15	11	12	12	7	3	6	2	2	1	4	2	4	<1	3	<1	4	6	8	3	4	10	4	10	4	5	6	6	7	6	6	5	6

Assessment Criteria :	***Coastal and Estuarine EQS***				
CaCO	**0.00**		**0.00**	**DOC**	**0.00**
Calcium	**0.00**	**DOC**	**0.00**	**Catchment area**	**Freshwater not listed**

Constituents	**Unit**	**Generic Assessment Criteria (mg/l)**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	**Zone**	GW1 Campaign 1	GW1 Campaign 2	GW1 Campaign 3	GW1 Campaign 4	GW1 Campaign 5	GW1 Campaign 6	GW1 Dup Campaign 1	GW1 Dup Campaign 2	GW1 Dup Campaign 6	GW2 Campaign 1	GW2 Campaign 2	GW2 Campaign 3	GW2 Campaign 4	GW2 Campaign 5	GW2 Campaign 6	GW3 Campaign 1	GW3 Campaign 2	GW3 Campaign 3	GW3 Campaign 4	GW3 Campaign 5	GW3 Campaign 6	PZ_20 Campaign 1	PZ_20 Campaign 2	PZ_20 Campaign 3	PZ_20 Campaign 4	PZ_20 Campaign 5	PZ_20 Campaign 6	PZ_19 Campaign 1	PZ_19 Campaign 2	PZ_19 Campaign 3	PZ_19 Campaign 4	PZ_19 Campaign 5	PZ_19 Campaign 6	PZ_19 Dup Campaign 5	PZ_18 Campaign 1	PZ_18 Campaign 2	PZ_18 Campaign 3	PZ_18 Campaign 4	PZ_18 Campaign 5	PZ_18 Campaign 6	PZ_18 Dup Campaign 3	GW6D Campaign 1	GW6D Campaign 2
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0			6.4	6.3	6.5	6.8	6.8	6.4	6.6	6.4	6.4	6	5.7	5.8	6.2	6.1	5.9	7	6.6	6.6	6.8	6.8	6.5	7.2	6.7	7.1	6.6	6.8	6.5	6.5	6.2	6.3	5.9	6	6.2	5.9	7.4	7.7	7.4	7.4	7.5	8.3	7.5	6.9	6.9
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0			-	6.2	6.2	6	6.1	6.5	-	-	-	-	5.6	5.6	5.6	5.6	6.1	-	6.4	6.2	5.9	6.5	6.4	-	6.3	6.5	6	6.5	6.2	-	6.3	5.8	6.2	6.6	6.7	6.6	-	7.7	8.8	7.2	-	7.5	-	-	6.7
Redox Potential (ORP)	mV	No WSV	155	-363	145	0			-	-16	-15	32	39	97	-	-	-	-	121	141	70	86	109	-	93	114	61	-35	110	-	101	115	31	23	64	-	50	145	63	73	-66	73	-	-177	-247	-195	-	-206	-	-	-28
DO	%	No WSV	155	1	102	0			-	3	6	4	6	6	-	-	-	-	71	87	67	79	85	-	51	92	74	77	85	-	50	81	44	85	88	-	26	43	66	43	32	43	-	1	4	4	-	1	-	-	5
Copper	µg/l	0.00376	197	5	32	35	GW1 Campaign 2; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW2 Campaign 1; GW2 Campaign 2; GW3 Campaign 2; PZ_20 Campaign 2; PZ_19 Campaign 2; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 2; GW9D Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11S Campaign 2; GW11S1 Campaign 2; GW15 Campaign 2; GW15 Campaign 3; GW16D Campaign 2; GW16D Dup Campaign 2; GW20 Campaign 2; GW21 Campaign 2; GW22 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; GW24D Campaign 2; PZ_6 Campaign 2; PZ_14 Campaign 1; PZ_14 Campaign 2; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5		18	6	<5	<5	<5	<5	17	5	<5	18	7	<5	<5	<5	<5	<5	12	<5	<5	<5	<5	<5	12	<5	<5	<5	<5	<5	10	<5	<5	<5	<5	<5	<5	29	<5	<5	<5	<5	<5	<5	12
Zinc	µg/l	0.0068	197	5	1234	188	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D		72	18	50	8	47	27	73	15	29	91	26	45	102	119	30	8	80	20	62	16	24	7	60	29	65	13	55	7	124	29	55	26	31	24	9	229	17	17	89	<5	17	11	308
Cadmium	µg/l	0.0002	197	<1	9	6	GW3 Campaign 1; PZ_20 Campaign 6; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 3; GW12 Campaign 3		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	9
Mercury	µg/l	0.00007	197	0.1	2.5	14	PZ_20 Campaign 3; PZ_19 Campaign 3; GW6D Campaign 6; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Dup Campaign 4; GW16D Campaign 6; GW17 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 2; PZ_14 Campaign 1; PZ_16 Campaign 1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	µg/l	No WSV	197	0.5	<0.5	0			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Petroleum Hydrocarbons	µg/l	No WSV	197	<10	2233	0			<10	82	<10	<10	688	<10	<10	121	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	62	<10	29	108	<10	361	<10	<10	<10	219	<10	<10
Free Cyanide	µg/l	0.001	197	5	21.1	6	PZ_20 Campaign 6; PZ_19 Campaign 6; GW20 Campaign 4; GW20 Campaign 5; GW21 Campaign 5; GW22 Campaign 5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	10	<5	<5	<5	<5	<5	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	µg/l	0.002	197	<0.01	13.49	25	GW1 Campaign 5; GW6D Campaign 4; GW8 Campaign 2; GW9S Campaign 2; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 2; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 4; GW10 Dup Campaign 1; GW11D Campaign 6; GW12 Campaign 2; GW12 Campaign 5; GW12 Campaign 6; GW13 Campaign 6; GW15 Campaign 4; PZ_21 Campaign 6; GW20 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 6; PZ_16 Campaign 6		<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthylene	µg/l	N/A	197	0.01	0.12	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	µg/l	N/A	197	0.01	3.76	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluorene	µg/l	N/A	197	<0.01	1.34	0			<0.01	<0.01	<0.01	<0.01	<0.01	0.07	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenanthrene	µg/l	See BaP	197	<0.01	1	0			<0.01	0.12	<0.01	<0.01	<0.01	0.16	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	0.62	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anthracene	µg/l	0.0001	197	0.01	0.1	18	GW1 Campaign 2; GW1 Campaign 6; GW1 Dup Campaign 6; GW2 Campaign 6; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 2; GW8 Campaign 2; GW9S Campaign 6; GW9D Campaign 2; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 6; GW11D Campaign 6; GW12 Campaign 6; PZ_21 Campaign 6; GW20 Campaign 6; GW21 Campaign 6		<0.01	0.03	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	µg/l	0.0000063	197	<0.01	0.21	10	GW1 Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 2; GW8 Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 6; PZ_21 Campaign 6; GW20 Campaign 6		<0.01	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrene	µg/l	N/A	197	<0.01	0.19	0			<0.01	0.19	<0.01	<0.01	<0.01	<0.01	<0.01	0.15	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benz(a)anthracene	µg/l	No WSV	197	<0.01	0.12	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	µg/l	See BaP	197	<0.01	0.12	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	µg/l	0.000017	197	<0.01	0.13	1	GW6D Campaign 4		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	µg/l	0.000017	197	<0.01	0.16	1	GW6D Campaign 4		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	µg/l	0.00000017	197	<0.01	0.16	1	GW6D Campaign 4		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	µg/l	N/A	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	µg/l	0.00000082	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(ah)anthracene	µg/l	N/A	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PAH	µg/l	No WSV	197	<0.01	19.89	0			<0.01	0.51	<0.01	<0.01	0.03	0.25	<0.01	0.15	0.13	<0.01	<0.01	<0.01	<0.01	<0.01	0.97	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	µg/l	0.008	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	µg/l	0.074	197	<0.01	1	1	PZ_16 Campaign 3		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	µg/l	0.02	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m&p-Xylene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	µg/l	0.03	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	µg/l	0.05	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Propylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylethylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	µg/l	No WSV	197	<0.01	1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1-methylpropylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	µg/l	N/A	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	137	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	µg/l	See Trihalomethanes	197	<0.01	4	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbontetrachloride	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	µg/l	0.1	197	<0.01	3	2	PZ_14 Campaign 4; PZ_14 Campaign 6		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethylene	µg/l	0.01	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethylene	µg/l	0.01	197	<0.01	31	1	GW20 Campaign 6		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	µg/l	No WSV	197	<0.01	1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	µg/l	0.01	197	<0.01	132	1	GW20 Campaign 6		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	µg/l	No WSV	197	<0.01	2	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	µg/l	No WSV	197	<0.01	1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	µg/l	N/A	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,3-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	3	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	µg/l	0.3	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO 0.00 0.00 **DOC** 0.00

Calcium 0.00 **DOC** 0.00 **Catchment area** **Freshwater not listed**

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Zone	GW1 Campaign 1	GW1 Campaign 2	GW1 Campaign 3	GW1 Campaign 4	GW1 Campaign 5	GW1 Campaign 6	GW1 Dup Campaign 1	GW1 Dup Campaign 2	GW1 Dup Campaign 6	GW2 Campaign 1	GW2 Campaign 2	GW2 Campaign 3	GW2 Campaign 4	GW2 Campaign 5	GW2 Campaign 6	GW3 Campaign 1	GW3 Campaign 2	GW3 Campaign 3	GW3 Campaign 4	GW3 Campaign 5	GW3 Campaign 6
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0			6.4	6.3	6.5	6.8	6.8	6.4	6.6	6.4	6.4	6	5.7	5.8	6.2	6.1	5.9	7	6.6	6.6	6.8	6.8	6.5
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0			-	6.2	6.2	6	6.1	6.5	-	-	-	-	5.6	5.6	5.6	5.6	6.1	-	6.4	6.2	5.9	6.5	6.4
Redox Potential (ORP)	mV	No WSV	155	-363	145	0			-	-16	-15	32	39	97	-	-	-	-	121	141	70	86	109	-	93	114	61	-35	110
DO	%	No WSV	155	1	102	0			-	3	6	4	6	6	-	-	-	-	71	87	67	79	85	-	51	92	74	77	85
o-Cymene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	µg/l	N/A	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	µg/l	0.0006	197	<0.01	1	1	GW11S1 Campaign 6		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	µg/l	No WSV	197	<0.01	1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromethane	µg/l	No WSV	197	<0.01	1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	µg/l	No WSV	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	µg/l	N/A	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	µg/l	N/A	197	<0.01	<1	0			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	µg/l	No WSV	197	<0.01	0.17	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	µg/l	No WSV	197	0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	µg/l	No WSV	197	<0.01	0.17	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Constituents	PZ_20 Campaign 1	PZ_20 Campaign 2	PZ_20 Campaign 3	PZ_20 Campaign 4	PZ_20 Campaign 5	PZ_20 Campaign 6	PZ_19 Campaign 1	PZ_19 Campaign 2	PZ_19 Campaign 3	PZ_19 Campaign 4	PZ_19 Campaign 5	PZ_19 Campaign 6	Dup Campaign 5	PZ_18 Campaign 1	PZ_18 Campaign 2	PZ_18 Campaign 3	PZ_18 Campaign 4	PZ_18 Campaign 5	PZ_18 Campaign 6	Dup Campaign 3	GW6D Campaign 1	GW6D Campaign 2
pH Value (Lab)	7.2	6.7	7.1	6.6	6.8	6.5	6.5	6.2	6.3	5.9	6	6.2	5.9	7.4	7.7	7.4	7.4	7.5	8.3	7.5	6.9	6.9
pH Value (Field)	-	6.3	6.5	6	6.5	6.2	-	6.3	5.8	6.2	6.6	6.7	6.6	-	7.7	8.8	7.2	-	7.5	-	-	6.7
Redox Potential (ORP)	-	101	115	31	23	64	-	50	145	63	73	-66	73	-	-177	-247	-195	-	-206	-	-	-28
DO	-	50	81	44	85	88	-	26	43	66	43	32	43	-	1	4	4	-	1	-	-	5
o-Cymene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Assessment Criteria :	Coastal and Estuarine EQS					
CaCO	0.00		0.00	DOC	0.00	
Calcium	0.00	DOC	0.00	Catchment area	Freshwater not listed	

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW6D Campaign 3	GW6D Campaign 4	GW6D Campaign 5	GW6D Campaign 6	GW7 Campaign 1	GW7 Campaign 2	GW7 Campaign 3	GW7 Campaign 4	GW7 Campaign 5	GW7 Campaign 6	GW8 Campaign 1	GW8 Campaign 2	GW8 Campaign 3	GW8 Campaign 4	GW8 Campaign 5	GW8 Campaign 6	GW9S Campaign 1	GW9S Campaign 2	GW9S Campaign 3	GW9S Campaign 4	GW9S Campaign 5	GW9S Campaign 6	GW9D Campaign 1	GW9D Campaign 2	GW9D Campaign 3	GW9D Campaign 4	GW9D Campaign 5	GW9D Campaign 6	GW10 Campaign 1	GW10 Campaign 2	GW10 Campaign 3	GW10 Campaign 4	GW10 Campaign 5	GW10 Campaign 6	GW10 Dup Campaign 1	GW11D Campaign 1	GW11D Campaign 2	GW11D Campaign 3	GW11D Campaign 4	GW11D Campaign 5	GW11D Campaign 6	GW11D Dup Campaign 4	GW11S Campaign 1	GW11S Campaign 2
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		6.8	7.4	6.7	6.8	7.5	7.9	7.8	8	7.5	7.7	7.3	7.7	7.4	7.7	7.2	7.4	7	6.9	7	7.4	7	7	6.9	6.8	7	7.3	6.9	6.8	7.1	7.6	7.6	7.4	7.3	7.6	7.2	12.6	12.6	12.1	11.8	11.1	9.8	11.8	7.2	7.7
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		6.7	6.6	6.7	6.7	-	7.3	7.5	7.8	6.9	7.6	-	7	7.1	7	6.9	7.2	-	6.9	7	6.5	6.8	7.1	-	6.7	6.9	6.4	6.8	7.1	-	7.5	7.3	6.9	7	7.4	-	-	12.4	12.6	12.3	11.8	9.7	12.3	-	7.9
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-30	-99	-96	-28	-	-151	-176	-221	-98	-167	-	-117	52	-150	-176	-165	-	-132	-189	-200	-210	-236	-	-137	-168	-185	-185	-223	-	-184	-178	-187	4	-130	-	-	-227	-278	-363	-302	-268	-363	-	-129
DO	%	No WSV	155	1	102	0		4	4	1	3	-	2	4	1	2	1	-	3	7	2	2	1	-	3	2	2	1	1	-	3	4	3	2	1	-	2	3	1	2	1	-	-	6	4	3	37	1	3	-	2
Salinity	pss	No WSV	155	0	17.9	0		2.86	3.05	3.04	4.05	-	0.25	0.23	0.24	0.26	0.26	-	0.51	0.58	0.61	0.64	0.67	-	0.9	1.07	1.04	1.03	1.11	-	1.56	1.88	1.77	1.67	1.69	-	0.82	1.13	1.07	0.86	0.86	-	-	2.52	2.13	2.2	1.8	1.64	2.2	-	0.95
Electrical Conductivity	µS/cm	No WSV	197	0.49	26100	0		5370	5190	5380	7120	670	490	525	537	615	511	860	990	1112	1217	1238	1280	1380	1630	1903	1820	1846	1800	2900	2840	3410	3210	320	2900	1690	1858	2260	2010	1658	1585	1720	5400	5180	4750	2850	3060	3070	3150	2400	2070
Suspended Solids	mg/l	No WSV	197	<0.5	1200	0		14	<5	1200	134	26	12	4	60	14	2	2	6	8	10	48	14	56	14	190	42	12	42	326	6	200	48	20	42	62	20	10	30	6	12	42	68	10	42	60	162	16	30	98	14
Calcium	mg/l	N/A	197	14	8925	0		1079	803.7	918	1158	46.6	51	43.9	47.8	74	44	83.5	77	93.1	102	107	107	114.1	132	136.9	159.3	126	111	120.5	142	187.5	193.1	173	103	106.4	125	137.7	130.7	138	110	120.4	293.9	336	317.9	329.2	301	241	328.8	209.8	61
Magnesium	mg/l	N/A	197	0.5	533.8	0		53.8	44.5	49	66	19.1	23	22.8	15.5	17	22	28.6	26	33.4	35.9	33	40	25.6	36	41.9	42.3	40	37	57.8	61	70.7	71.9	51	54	18.4	27	32	29.3	16	22	21	0.7	1	0.6	0.7	3	1	0.5	43.8	16
Sodium	mg/l	N/A	197	4	5336	0		299.3	232.1	270	457	59.2	43	33.4	41.4	68	47	74.3	74	104	115.3	111	45	159.7	190	251.3	255.6	285	231	387.3	425	511.8	505.6	497	378	163.2	249	268.6	240.7	150	195	185.8	282.1	192	176.7	187.8	304	341	166	407.2	197
Potassium	mg/l	N/A	197	1	141	0		7	5.3	6	9	5.6	6	6.2	6.2	4	7	22.5	25	36.7	40.1	39	127	17	21	27.5	26.7	17	26	27.9	32	34.8	37	38	30	13.8	16	17.9	18.7	7	17	15.7	61.9	35	27.3	27.1	27	25	25.8	141	77
Chloride	mg/l	N/A	197	13	8504	0		1351	1381	1236	2434	51	34	34	30	35	35	78	84	106	114	124	13	239	289	367	334	325	298	646	643	801	678	699	618	297	294	429	327	268	255	301	208	193	209	336	823	834	284	141	131
Sulphate	mg/l	N/A	197	1	1197	0		34	51	36	66	43	16	10	13	41	20	25	13	20	19	17	118	16	14	<5	8	9	<5	8	1	<5	<5	<5	<5	78	27	7	138	37	58	79	7	5	6	16	75	75	10	110	61
Alkalinity	mg/l CaCO3	No WSV	197	30	1360	0		230	230	210	300	260	270	260	310	300	260	450	570	600	550	520	590	260	610	630	600	550	650	690	680	720	710	640	650	420	660	450	550	400	490	460	1250	1270	1020	610	210	220	760	1360	600
Nitrate	mg/l	N/A	197	1	214	0		<1	<1	70	<1	<1	<1	<1	<5	<1	<5	<1	<1	<5	<1	<1	<5	<5	<1	<5	<1	<1	<1	<5	<1	<5	1	<1	1	<1	<1	<1	2	<1	1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1
Ammonium as NH4	mg/l	Not appropriate, see Unionised Ammonia	197	<0.01	42	0		<0.1	0.34	0.21	0.03	0.12	0.32	0.03	0.22	<0.01	0.04	1.7	1.59	1	3.7	2.1	4.2	8.7	6.35	6	10.6	20	5	6.2	5.3	1.8	10.6	35	3	23	19.1	14.8	10.6	12	4	31.9	10.6	5.3	3.3	9	1.6	3.2	8.3	22.8	9.5
COD	mg/l	No WSV	197	<2	120	0		<2	<2	<2	<2	<2	<2	<2	<2	3	<2	<2	<2	12	<2	<2	<2	32	6	15	<2	25	21	17	100	7	<2	<2	21	60	11	20	10	52	29	56	29	<2	6	<2	<2	6	<2	3	<2
BOD	mg/l	No WSV	197	2	33	0		<2	<2	<2	<2	<2	<2	6	<2	<2	#	<2	<2	3	<2	4	#	3	<2	<2	<2	<2	<2	<2	3	<2	<2	<2	<2	13	6	8	7	8	2	9	<2	<2	3	<2	<2	<2	<2	<2	<2
Iron	µg/l	1	197	10	54370	115	GW1 Dup Campaign 1; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 4; GW3 Campaign 2; GW3 Campaign 5; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 3; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 4; GW11S1 Campaign 5; GW12 Campaign 1; GW12 Campaign 2;	36	<10	110	113	194	94	34	93	44	<10	244	461	578	1725	38	2339	75	41	<10	2928	21	54370	11080	111	130	4122	27	34130	158	514	3697	64	10	1063	140	<10	<10	11	20	53	<10	14	179	940
Boron	µg/l	7	197	5	1402	149	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 2; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign	<5	105	<5	15	<5	<5	145	82	191	84	496	435	539	602	554	616	323	412	345	289	576	274	567	431	479	523	602	550	191	106	233	186	525	195	164	<5	<5	<5	<5	<5	63	16	<5	243
Arsenic	µg/l	0.025	197	5	77	43	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 6; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 6; GW11D Campaign 4; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 5; GW11S1 Campaign 2; GW11S1 Campaign 4; GW11S1 Campaign 5; GW11S1 Campaign 6; GW15 Campaign 1; GW15 Campaign 2; GW15 Campaign 3; GW15 Campaign 4; GW15 Campaign 5; GW24S Campaign 1; GW24S Campaign 3; GW24S Campaign 4; PZ_14 Campaign 1; PZ_16 Campaign 2	<5	<5	<5	<5	16	7	14	20	11	9	8	10	13	23	9	31	<5	<5	<5	<5	<5	77	<5	<5	<5	<5	<5	30	<5	25	36	<5	<5	16	<5	<5	<5	<5	6	<5	8	6	<5	9
Chromium	µg/l	0.0006	197	<5	7	1	PZ_14 Campaign 1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Lead	µg/l	0.0013	197	1	6	10	GW1 Dup Campaign 1; GW2 Campaign 1; GW3 Campaign 2; GW6D Campaign 6; GW10 Campaign 2; GW11S Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 2; PZ_16 Campaign 2	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2
Nickel	µg/l	0.0086	197	1	99	151	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 4; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 3; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9D Campaign 4; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2;	3	3	3	9	1	<1	<1	1	<1	1	2	<1	2	<1	2	2	1	2	1	2	1	<1	<1	<1	<1	1	<1	<1	6	2	2	2	3	2	5	99	53	57	53	10	2	61	8	5

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO	0.00		0.00	DOC	0.00	
Calcium	0.00	DOC	0.00	Catchment area	Freshwater not listed	

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0	
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0	
Redox Potential (ORP)	mV	No WSV	155	-363	145	0	
DO	%	No WSV	155	1	102	0	
Copper	µg/l	0.00376	197	5	32	35	GW1 Campaign 2; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW2 Campaign 1; GW2 Campaign 2; GW3 Campaign 2; PZ_20 Campaign 2; PZ_19 Campaign 2; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 2; GW9D Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11S Campaign 2; GW11S1 Campaign 2; GW15 Campaign 2; GW15 Campaign 3; GW16D Campaign 2; GW16D Dup Campaign 2; GW20 Campaign 2; GW21 Campaign 2; GW22 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; GW24D Campaign 2; PZ_6 Campaign 2; PZ_14 Campaign 1; PZ_14 Campaign 2; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5
Zinc	µg/l	0.0068	197	5	1234	188	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D
Cadmium	µg/l	0.0002	197	<1	9	6	GW3 Campaign 1; PZ_20 Campaign 6; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 3; GW12 Campaign 3
Mercury	µg/l	0.00007	197	0.1	2.5	14	PZ_20 Campaign 3; PZ_19 Campaign 3; GW6D Campaign 6; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Dup Campaign 4; GW16D Campaign 6; GW17 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 2; PZ_14 Campaign 1; PZ_16 Campaign 1
Total Phenols	µg/l	No WSV	197	0.5	<0.5	0	
Total Petroleum Hydrocarbons	µg/l	No WSV	197	<10	2233	0	
Free Cyanide	µg/l	0.001	197	5	21.1	6	PZ_20 Campaign 6; PZ_19 Campaign 6; GW20 Campaign 4; GW20 Campaign 5; GW21 Campaign 5; GW22 Campaign 5
Naphthalene	µg/l	0.002	197	<0.01	13.49	25	GW1 Campaign 5; GW6D Campaign 4; GW8 Campaign 2; GW9S Campaign 2; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 2; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 4; GW10 Dup Campaign 1; GW11D Campaign 6; GW12 Campaign 2; GW12 Campaign 5; GW12 Campaign 6; GW13 Campaign 6; GW15 Campaign 4; PZ_21 Campaign 6; GW20 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 6; PZ_16 Campaign 6
Acenaphthylene	µg/l	N/A	197	0.01	0.12	0	
Acenaphthene	µg/l	N/A	197	0.01	3.76	0	
Fluorene	µg/l	N/A	197	<0.01	1.34	0	
Phenanthrene	µg/l	See BaP	197	<0.01	1	0	
Anthracene	µg/l	0.0001	197	0.01	0.1	18	GW1 Campaign 2; GW1 Campaign 6; GW1 Dup Campaign 6; GW2 Campaign 6; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 2; GW8 Campaign 2; GW9S Campaign 6; GW9D Campaign 2; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 6; GW11D Campaign 6; GW12 Campaign 6; PZ_21 Campaign 6; GW20 Campaign 6; GW21 Campaign 6
Fluoranthene	µg/l	0.0000063	197	<0.01	0.21	10	GW1 Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 2; GW8 Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 6; PZ_21 Campaign 6; GW20 Campaign 6
Pyrene	µg/l	N/A	197	<0.01	0.19	0	
Benz(a)anthracene	µg/l	No WSV	197	<0.01	0.12	0	
Chrysene	µg/l	See BaP	197	<0.01	0.12	0	
Benzo(b)fluoranthene	µg/l	0.000017	197	<0.01	0.13	1	GW6D Campaign 4
Benzo(k)fluoranthene	µg/l	0.000017	197	<0.01	0.16	1	GW6D Campaign 4
Benzo(a)pyrene	µg/l	0.00000017	197	<0.01	0.16	1	GW6D Campaign 4
Indeno(123-cd)pyrene	µg/l	N/A	197	0.01	<0.01	0	
Benzo(ghi)perylene	µg/l	0.00000082	197	0.01	<0.01	0	
Dibenz(ah)anthracene	µg/l	N/A	197	0.01	<0.01	0	
Total PAH	µg/l	No WSV	197	<0.01	19.89	0	
Benzene	µg/l	0.008	197	<0.01	<1	0	
Toluene	µg/l	0.074	197	<0.01	1	1	PZ_16 Campaign 3
Ethylbenzene	µg/l	0.02	197	<0.01	<1	0	
m&p-Xylene	µg/l	No WSV	197	<0.01	<1	0	
o-Xylene	µg/l	0.03	197	<0.01	<1	0	
Styrene	µg/l	0.05	197	<0.01	<1	0	
Propylbenzene	µg/l	No WSV	197	<0.01	<1	0	
Methylethylbenzene	µg/l	No WSV	197	<0.01	<1	0	
sec-Butylbenzene	µg/l	No WSV	197	<0.01	<1	0	
1,3,5-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0	
tert-Butylbenzene	µg/l	No WSV	197	<0.01	1	0	
1-methylpropylbenzene	µg/l	No WSV	197	<0.01	<1	0	
Vinyl Chloride	µg/l	N/A	197	<0.01	<1	0	
cis 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	137	0	
1,1-Dichloroethane	µg/l	No WSV	197	<0.01	<1	0	
Chloroform	µg/l	See Trihalomethanes	197	<0.01	4	0	
Carbontetrachloride	µg/l	No WSV	197	<0.01	<1	0	
1,1,1-Trichloroethane	µg/l	0.1	197	<0.01	3	2	PZ_14 Campaign 4; PZ_14 Campaign 6
Trichloroethylene	µg/l	0.01	197	<0.01	<1	0	
Tetrachloroethylene	µg/l	0.01	197	<0.01	31	1	GW20 Campaign 6
1,1,1,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0	
1,1,2,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0	
Chlorobenzene	µg/l	No WSV	197	<0.01	1	0	
1,1-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0	
1,2-Dichloroethane	µg/l	0.01	197	<0.01	132	1	GW20 Campaign 6
2,2-Dichloropropane	µg/l	No WSV	197	<0.01	2	0	
trans 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	<1	0	
Dibromomethane	µg/l	No WSV	197	<0.01	1	0	
1,2-Dichloropropane	µg/l	N/A	197	<0.01	<1	0	
cis 1,2-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0	
trans 1,3-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	3	0	
1,1,2-Trichloroethane	µg/l	0.3	197	<0.01	<1	0	
1,3-Dichloropropane	µg/l	No WSV	197	<0.01	<1	0	
2-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0	
1,2,4-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0	
4-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0	

Constituents	GW6D Campaign 3	GW6D Campaign 4	GW6D Campaign 5	GW6D Campaign 6	GW7 Campaign 1	GW7 Campaign 2	GW7 Campaign 3	GW7 Campaign 4	GW7 Campaign 5	GW7 Campaign 6	GW8 Campaign 1	GW8 Campaign 2	GW8 Campaign 3	GW8 Campaign 4	GW8 Campaign 5	GW8 Campaign 6	GW9S Campaign 1	GW9S Campaign 2	GW9S Campaign 3	GW9S Campaign 4	GW9S Campaign 5	GW9S Campaign 6
pH Value (Lab)	6.8	7.4	6.7	6.8	7.5	7.9	7.8	8	7.5	7.7	7.3	7.7	7.4	7.7	7.2	7.4	7	6.9	7	7.4	7	7
pH Value (Field)	6.7	6.6	6.7	6.7	-	7.3	7.5	7.8	6.9	7.6	-	7	7.1	7	6.9	7.2	-	6.9	7	6.5	6.8	7.1
Redox Potential (ORP)	-30	-99	-96	-28	-	-151	-176	-221	-98	-167	-	-117	52	-150	-176	-165	-	-132	-189	-200	-210	-236
DO	4	4	1	3	-	2	4	1	2	1	-	3	7	2	2	1	-	3	2	2	1	1
Copper	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6	<5	<5	<5	<5
Zinc	60	143	27	93	5	6	13	7	6	7	7	6	17	10	15	13	7	11	12	16	16	31
Cadmium	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	<1	<1
Mercury	<0.1	<0.1	<0.1	0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Petroleum Hydrocarbons	<10	<10	30	<10	77	157	<10	<10	<10	<10	<10	674	<10	<10	<10	<10	<10	451	<10	<10	<10	<10
Free Cyanide	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	<0.01	0.11	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.38	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	<0.01	<0.01	0.07	0.99
Acenaphthylene	<0.01	0.03	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01
Acenaphthene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	0.02
Fluorene	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenanthrene	<0.01	0.06	<0.01	0.09	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.19	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.15
Anthracene	<0.01	0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Fluoranthene	<0.01	0.21	<0.01	0.03	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrene	<0.01	0.19	<0.01	0.03	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	0.16	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benz(a)anthracene	<0.01	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	<0.01	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	<0.01	0.13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	<0.01	0.16	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	<0.01	0.16	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(ah)anthracene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PAH	<0.01	1.3	<0.01	0.24	<0.01	0.21	<0.01	<0.01	<0.01	0.03	<0.01	1.13	<0.01	<0.01	<0.01	0.03	<0.01	0.19	<0.01	<0.01	0.07	1.17
Benzene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m&p-Xylene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Propylbenzene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylethylbenzene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	<1	<1	<1	1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1-methylpropylbenzene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbontetrachloride	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethylene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethylene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloro-1-Propene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,2-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloro-1-Propene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,3-Dichloro-1-Propene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Constituents	GW9D Campaign 1	GW9D Campaign 2	GW9D Campaign 3	GW9D Campaign 4	GW9D Campaign 5	GW9D Campaign 6	GW10 Campaign 1	GW10 Campaign 2	GW10 Campaign 3	GW10 Campaign 4	GW10 Campaign 5	GW10 Campaign 6	Dup Campaign 1	GW11D Campaign 1	GW11D Campaign 2	GW11D Campaign 3	GW11D Campaign 4	GW11D Campaign 5	GW11D Campaign 6	Dup Campaign 4	GW11S Campaign 1	GW11S Campaign 2
pH Value (Lab)	6.9	6.8	7	7.3	6.9	6.8	7.1	7.6	7.6	7.4	7.3	7.6	7.2	12.6	12.6	12.1	11.8	11.1	9.8	11.8	7.2	7.7
pH Value (Field)	-	6.7	6.9	6.4	6.8	7.1	-	7.5	7.3	6.9	7	7.4	-	-	12.4	12.6	12.3	11.8	9.7	12.3	-	7.9
Redox Potential (ORP)	-	-137	-168	-185	-185	-223	-	-184	-178	-187	4	-130	-	-	-227	-278	-363	-302	-268	-363	-	-129
DO	-	3	4	3	2	1	-	2	3	1	2	1	-	-	6	4	3	37	1	3	-	2
Copper	<5	6	<5	<5	<5	<5	<5	25	<5	<5	<5	<5	<5	5	22	6	<5	<5	<5	<5	<5	23
Zinc	8	17	12	29	15	12	8	19	18	<5	20	14	9	<5	<5	9	<5	7	8	<5	7	25
Cadmium	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Mercury	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.5	2.5	0.6	<0.1	<0.1	0.5	<0.1	<0.1
Total Phenols	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Petroleum Hydrocarbons	<10	904	310	<10	<10	<10	<10	297	148	<10	<10	23	<10	<10	71	<10	<10	<10	<10	<10	<10	<10
Free Cyanide	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	<0.01	0.06	<0.01	<0.01	0.15	0.67	0.6	13.49	<0.01	2.41	<0.01	<0.01	0.64	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01
Acenaphthylene	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.01	0.05	<0.01	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	<0.01	<0.01	<0.01	<0.01	<0.01	0.21	<0.01	3.76	<0.01	1.26	<0.01	1.15	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluorene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.34	<0.01	0.45	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01
Phenanthrene	<0.01	0.05	<0.01	<0.01	<0.01	0.05	<0.01	1	<0.01	0.24	<0.01	0.14	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01
Anthracene	<0.01	0.02	<0.01	<0.01	<0.01	0.01	<0.01	0.1	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01
Fluoranthene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	0.12	<0.01	<0.01	<0.01
Pyrene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01
Benz(a)anthracene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(ah)anthracene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PAH	<0.01	0.17	<0.01	<0.01	0.15	0.94	0.6	19.89	<0.01	4.41	<0.01	1.44	0.64	0.07	<0.01	<0.01	<0.01	<0.01	0.63	<0.01	<0.01	<0.01
Benzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m&p-Xylene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Propylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylethylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1-methylpropylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	<1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbontetrachloride	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethylene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethylene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloro-1-Propene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,2-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloro-1-Propene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,3-Dichloro-1-Propene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Assessment Criteria :	***Coastal and Estuarine EQS***					
CaCO	**0.00**		**0.00**	**DOC**	**0.00**	
Calcium	**0.00**	**DOC**	**0.00**		**Catchment area**	**Freshwater not listed**

Constituents	**Unit**	**Generic Assessment Criteria (mg/l)**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	GW6D Campaign 3	GW6D Campaign 4	GW6D Campaign 5	GW6D Campaign 6	GW7 Campaign 1	GW7 Campaign 2	GW7 Campaign 3	GW7 Campaign 4	GW7 Campaign 5	GW7 Campaign 6	GW8 Campaign 1	GW8 Campaign 2	GW8 Campaign 3	GW8 Campaign 4	GW8 Campaign 5	GW8 Campaign 6	GW9S Campaign 1	GW9S Campaign 2	GW9S Campaign 3	GW9S Campaign 4	GW9S Campaign 5	GW9S Campaign 6	GW9D Campaign 1	GW9D Campaign 2	GW9D Campaign 3	GW9D Campaign 4	GW9D Campaign 5	GW9D Campaign 6	GW10 Campaign 1	GW10 Campaign 2	GW10 Campaign 3	GW10 Campaign 4	GW10 Campaign 5	GW10 Campaign 6	Dup Campaign 1	GW11D Campaign 1	GW11D Campaign 2	GW11D Campaign 3	GW11D Campaign 4	GW11D Campaign 5	GW11D Campaign 6	Dup Campaign 4	GW11S Campaign 1	GW11S Campaign 2
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		6.8	7.4	6.7	6.8	7.5	7.9	7.8	8	7.5	7.7	7.3	7.7	7.4	7.7	7.2	7.4	7	6.9	7	7.4	7	7	6.9	6.8	7	7.3	6.9	6.8	7.1	7.6	7.6	7.4	7.3	7.6	7.2	12.6	12.6	12.1	11.8	11.1	9.8	11.8	7.2	7.7
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		6.7	6.6	6.7	6.7	-	7.3	7.5	7.8	6.9	7.6	-	7	7.1	7	6.9	7.2	-	6.9	7	6.5	6.8	7.1	-	6.7	6.9	6.4	6.8	7.1	-	7.5	7.3	6.9	7	7.4	-	-	12.4	12.6	12.3	11.8	9.7	12.3	-	7.9
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-30	-99	-96	-28	-	-151	-176	-221	-98	-167	-	-117	52	-150	-176	-165	-	-132	-189	-200	-210	-236	-	-137	-168	-185	-185	-223	-	-184	-178	-187	4	-130	-	-	-227	-278	-363	-302	-268	-363	-	-129
DO	%	No WSV	155	1	102	0		4	4	1	3	-	2	4	1	2	1	-	3	7	2	2	1	-	3	2	2	1	1	-	3	4	3	2	1	-	2	3	1	2	1	-	-	6	4	3	37	1	3	-	2
o-Cymene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	µg/l	0.0006	197	<0.01	1	1	GW11S1 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	µg/l	No WSV	197	<0.01	0.17	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	µg/l	No WSV	197	<0.01	0.17	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Assessment Criteria :	Coastal and Estuarine EQS					
CaCO	0.00	0.00	DOC	0.00		
Calcium	0.00	DOC	0.00	Catchment area	Freshwater not listed	

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW11S Campaign 3	GW11S Campaign 4	GW11S Campaign 5	GW11S Campaign 6	GW11S1 Campaign 1	GW11S1 Campaign 2	GW11S1 Campaign 3	GW11S1 Campaign 4	GW11S1 Campaign 5	GW11S1 Campaign 6	GW12 Campaign 1	GW12 Campaign 2	GW12 Campaign 3	GW12 Campaign 4	GW12 Campaign 5	GW12 Campaign 6	GW13 Campaign 1	GW13 Campaign 2	GW13 Campaign 3	GW13 Campaign 4	GW13 Campaign 5	GW13 Campaign 6	GW15 Campaign 1	GW15 Campaign 2	GW15 Campaign 3	GW15 Campaign 4	GW15 Campaign 5	GW15 Campaign 6	GW16D Campaign 1	GW16D Campaign 2	GW16D Campaign 3	GW16D Campaign 4	GW16D Campaign 5	GW16D Campaign 6	Dup Campaign 2	Dup Campaign 3	Dup Campaign 4	Dup Campaign 5	Dup Campaign 6	GW17 Campaign 1	GW17 Campaign 2	GW17 Campaign 3	GW17 Campaign 4	GW17 Campaign 5
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		7.6	7.5	7.1	6.9	7	6.9	7.4	7.6	8	7.1	6.7	6.7	6.9	7.2	7	6.7	7.7	7.5	7.6	7.8	7.5	7.4	6.4	6.4	6.8	7	6.8	6.9	7.3	7.6	7.7	7.9	7.4	7.6	7.6	7.7	7.9	7.5	7.6	-	-	7.3	8	6.9
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		7.5	7	6.7	7.2	-	7.1	7.2	7.2	8.6	7.4	-	6.7	6.9	6.7	6.7	7	-	7.3	7.3	7	7.1	7.3	-	6.4	6.5	6.4	6.6	6.9	-	7.3	7.4	7.2	6.7	7.3	-	-	7.2	6.7	-	-	-	6.9	6	6.8
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-7	-216	-168	-231	-	-169	-167	-180	-275	-219	-	-114	-156	-168	-195	-206	-	-113	-160	-184	-197	-195	-	-99	-103	-161	-164	-202	-	-21	-50	-65	44	-138	-	-	-65	44	-	-	-	91	28	17
DO	%	No WSV	155	1	102	0		59	2	4	1	-	2	3	2	3	1	-	2	4	4	2	2	-	2	5	1	1	1	-	2	6	2	4	3	-	72	97	70	83	74	-	-	70	83	-	-	-	102	86	85
Salinity	pss	No WSV	155	0	17.9	0		0.88	1.11	1.1	1.17	-	0.63	0.5	0	0.52	0.5	-	0.56	0.56	0.94	0.56	0.58	-	0.3	0.35	0.36	0.42	0.42	-	0.83	0.86	1.31	1.57	1.72	-	0.28	0.24	0.29	0.28	0.31	-	-	0.29	0.28	-	-	-	0.18	0.17	0.16
Electrical Conductivity	µS/cm	No WSV	197	0.49	26100	0		2050	2040	2090	2050	1170	1298	1043	0.49	1033	940	900	960	995	962	1049	800	670	580	764	740	1023	500	1640	1385	1646	2230	2660	3020	590	561	625	621	578	627	553	614	622	551	597	-	-	420	374	326
Suspended Solids	mg/l	No WSV	197	<0.5	1200	0		26	60	146	36	808	96	62	30	204	12	76	<5	14	82	764	42	2	18	16	<5	18	6	159	18	6	132	108	114	334	12	28	14	2	20	22	10	10	16	12	-	-	16	18	24
Calcium	mg/l	N/A	197	14	8925	0		131.9	162.4	195	172	99.4	29	86.1	91	106	78	86.9	119	103.1	108.5	104	90	78.9	77	80.8	93.5	84	70	100.4	107	93.7	78.4	166	136	65.8	69	69.8	113.6	90	69	67	73	131.7	93	67	-	-	40	39.7	48
Magnesium	mg/l	N/A	197	0.5	533.8	0		31.3	36.5	34	35	13	5	14.3	13.2	13	11	15.5	24	19.2	20.1	17	16	13.6	14	15.8	16.7	17	23	226.5	19	19.5	33.2	38	45	6.9	7	7.6	10.5	6	8	7	8.1	11.7	5	8	-	-	5.5	5.6	3
Sodium	mg/l	N/A	197	4	5336	0		324.6	270.6	242	220	137.3	71	133.4	119.5	120	103	81.9	110	89.2	91.6	88	84	62	43	51.7	58.8	59	67	217.3	173	176.5	335.3	413	453	51.3	63	50	79.2	61	55	59	52.2	88.9	53	54	-	-	30.5	35.7	18
Potassium	mg/l	N/A	197	1	141	0		108.5	80.4	72	57	5.5	4	4.6	4.5	5	4	12.5	15	13.7	14.9	13	12	5.4	6	7.2	7.1	7	6	15.6	13	10.1	14.2	16	17	1.7	2	1.4	2.9	1	2	2	1.5	3.3	1	2	-	-	2.7	2.6	2
Chloride	mg/l	N/A	197	13	8504	0		133	129	131	129	115	186	135	111	116	99	133	153	158	138	151	136	83	56	72	84	150	86	194	147	200	353	457	499	69	46	54	46	40	47	46	54	44	40	47	-	-	37	48	32
Sulphate	mg/l	N/A	197	1	1197	0		45	30	25	15	89	5	12	16	16	9	6	14	7	7	8	<5	26	34	39	37	46	43	13	3	10	14	13	<5	57	53	58	55	53	60	55	59	54	53	61	-	-	25	22	18
Alkalinity	mg/l CaCO3	No WSV	197	30	1360	0		1140	1100	1000	1150	420	430	430	390	390	420	350	420	390	340	330	420	320	280	290	290	290	300	820	670	680	760	870	940	290	240	260	270	210	220	250	260	250	220	240	-	-	150	80	100
Nitrate	mg/l	N/A	197	1	214	0		<5	<1	2	<1	<1	<1	<5	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	3	18	<1	5	4	<1	<1	<1	1	9	2	<1	5	<5	<5	5	6	6	<5	<5	5	6	-	-	23	22	18
Ammonium as NH4	mg/l	Not appropriate, see Unionised Ammonia	197	<0.01	42	0		9.9	26.5	19	5	5.2	1.6	1.5	0.5	5.3	1.6	8.7	5.3	4.5	8.5	4.8	4.2	0.09	0.53	0.28	0.21	0.01	0.32	6.71	10.6	8.65	21.2	20	1	<0.01	<0.01	0.1	0.26	0.02	0.01	<0.01	0.01	0.24	0.02	0.02	-	-	0.03	0.03	0.03
COD	mg/l	No WSV	197	<2	120	0		<2	<2	10	4	6	8	<2	<2	<2	5	23	<2	<2	<2	5	12	3	<2	8	<2	<2	9	25	33	63	71	95	101	<2	<2	<2	<2	<2	<2	>2	<2	<2	5	<2	-	-	9	<2	<2
BOD	mg/l	No WSV	197	2	33	0		<2	<2	4	<2	<2	3	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	15	6	19	5	<2	3	<2	<2	<2	2	2	<2	<2	<2	<2	-	-	<2	<2	<2
Iron	µg/l	1	197	10	54370	115	GW1 Dup Campaign 1; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 4; GW3 Campaign 2; GW3 Campaign 5; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 3; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 4; GW11S1 Campaign 5; GW12 Campaign 1; GW12 Campaign 2;	179	5431	9233	<10	44	2584	64	211	845	<10	71	248	<10	1804	82	25600	64	312	52	50	133	34	26580	40	47960	25	555	34590	<10	<10	<10	11	<10	39	<10	24	10	<10	<10	-	-	<10	<10	<10
Boron	µg/l	7	197	5	1402	149	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 2; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign	186	189	201	232	<5	<5	195	301	52	43	161	125	129	136	<5	46	44	31	73	53	250	36	36	170	193	252	378	407	152	108	76	10	165	5	48	40	9	180	42	-	-	734	934	1402
Arsenic	µg/l	0.025	197	5	77	43	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 6; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 6; GW11D Campaign 4; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 5; GW11S1 Campaign 2; GW11S1 Campaign 4; GW11S1 Campaign 5; GW11S1 Campaign 6; GW15 Campaign 1; GW15 Campaign 2; GW15 Campaign 3; GW15 Campaign 4; GW15 Campaign 5; GW24S Campaign 1; GW24S Campaign 3; GW24S Campaign 4; PZ_14 Campaign 1; PZ_16 Campaign 2	<5	<5	7	<5	<5	6	<5	5	15	6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6	8	30	5	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	<5	<5	<5
Chromium	µg/l	0.0006	197	<5	7	1	PZ_14 Campaign 1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	<5	<5	<5
Lead	µg/l	0.0013	197	1	6	10	GW1 Dup Campaign 1; GW2 Campaign 1; GW3 Campaign 2; GW6D Campaign 6; GW10 Campaign 2; GW11S Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 2; PZ_16 Campaign 2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Nickel	µg/l	0.0086	197	1	99	151	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 4; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 3; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9D Campaign 4; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2;	8	5	5	5	4	2	1	1	1	1	1	2	2	<1	1	2	7	2	3	5	3	2	7	8	7	6	7	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1

Assessment Criteria :	*Coastal and Estuarine EQS*				
CaCO	**0.00**		**0.00**	**DOC**	**0.00**
Calcium	**0.00**	**DOC**	**0.00**	**Catchment area**	**Freshwater not listed**

Constituents	**Unit**	**Generic Assessment Criteria (mg/l)**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	GW11S Campaign 3	GW11S Campaign 4	GW11S Campaign 5	GW11S Campaign 6	GW11S1 Campaign 1	GW11S1 Campaign 2	GW11S1 Campaign 3	GW11S1 Campaign 4	GW11S1 Campaign 5	GW11S1 Campaign 6	GW12 Campaign 1	GW12 Campaign 2	GW12 Campaign 3	GW12 Campaign 4	GW12 Campaign 5	GW12 Campaign 6	GW13 Campaign 1	GW13 Campaign 2	GW13 Campaign 3	GW13 Campaign 4	GW13 Campaign 5	GW13 Campaign 6	GW15 Campaign 1	GW15 Campaign 2	GW15 Campaign 3	GW15 Campaign 4	GW15 Campaign 5	GW15 Campaign 6	GW16D Campaign 1	GW16D Campaign 2	GW16D Campaign 3	GW16D Campaign 4	GW16D Campaign 5	GW16D Campaign 6	Dup Campaign 2	Dup Campaign 3	Dup Campaign 4	Dup Campaign 5	Dup Campaign 6	GW17 Campaign 1	GW17 Campaign 2	GW17 Campaign 3	GW17 Campaign 4	GW17 Campaign 5
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		7.6	7.5	7.1	6.9	7	6.9	7.4	7.6	8	7.1	6.7	6.7	6.9	7.2	7	6.7	7.7	7.5	7.6	7.8	7.5	7.4	6.4	6.4	6.8	7	6.8	6.9	7.3	7.6	7.7	7.9	7.4	7.6	7.6	7.7	7.9	7.5	7.6	-	-	7.3	8	6.9
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		7.5	7	6.7	7.2	-	7.1	7.2	7.2	8.6	7.4	-	6.7	6.9	6.7	6.7	7	-	7.3	7.3	7	7.1	7.3	-	6.4	6.5	6.4	6.6	6.9	-	7.3	7.4	7.2	6.7	7.3	-	-	7.2	6.7	-	-	-	6.9	6	6.8
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-7	-216	-168	-231	-	-169	-167	-180	-275	-219	-	-114	-156	-168	-195	-206	-	-113	-160	-184	-197	-195	-	-99	-103	-161	-164	-202	-	-21	-50	-65	44	-138	-	-	-65	44	-	-	-	91	28	17
DO	%	No WSV	155	1	102	0		59	2	4	1	-	2	3	2	3	1	-	2	4	4	2	2	-	2	5	1	1	1	-	2	6	2	4	3	-	72	97	70	83	74	-	-	70	83	-	-	-	102	86	85
Copper	µg/l	0.00376	197	5	32	35	GW1 Campaign 2; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW2 Campaign 1; GW2 Campaign 2; GW3 Campaign 2; PZ_20 Campaign 2; PZ_19 Campaign 2; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 2; GW9D Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11S Campaign 2; GW11S1 Campaign 2; GW15 Campaign 2; GW15 Campaign 3; GW16D Campaign 2; GW16D Dup Campaign 2; GW20 Campaign 2; GW21 Campaign 2; GW22 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; GW24D Campaign 2; PZ_6 Campaign 2; PZ_14 Campaign 1; PZ_14 Campaign 2; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5	<5	<5	<5	<5	<5	16	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	13	6	<5	<5	<5	<5	9	<5	<5	<5	<5	8	<5	<5	<5	<5	-	-	<5	<5	<5
Zinc	µg/l	0.0068	197	5	1234	188	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D	24	15	46	33	10	10	19	11	9	10	9	10	15	13	16	36	8	7	11	13	17	48	9	12	41	5	24	10	6	24	12	15	11	10	21	24	9	12	9	-	-	9	15	14
Cadmium	µg/l	0.0002	197	<1	9	6	GW3 Campaign 1; PZ_20 Campaign 6; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 3; GW12 Campaign 3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Mercury	µg/l	0.00007	197	0.1	2.5	14	PZ_20 Campaign 3; PZ_19 Campaign 3; GW6D Campaign 6; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Dup Campaign 4; GW16D Campaign 6; GW17 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 2; PZ_14 Campaign 1; PZ_16 Campaign 1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	<0.1
Total Phenols	µg/l	No WSV	197	0.5	<0.5	0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5
Total Petroleum Hydrocarbons	µg/l	No WSV	197	<10	2233	0		<10	<10	<10	<10	<10	27	<10	<10	<10	<10	<10	241	2233	<10	<10	<10	<10	413	648	<10	<10	<10	<10	156	248	<10	<10	<10	<10	<10	<10	<10	<10	558	<10	<10	<10	<10	<10	-	-	<10	<10	<10
Free Cyanide	µg/l	0.001	197	5	21.1	6	PZ_20 Campaign 6; PZ_19 Campaign 6; GW20 Campaign 4; GW20 Campaign 5; GW21 Campaign 5; GW22 Campaign 5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	<5	<5	<5
Naphthalene	µg/l	0.002	197	<0.01	13.49	25	GW1 Campaign 5; GW6D Campaign 4; GW8 Campaign 2; GW9S Campaign 2; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 2; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 4; GW10 Dup Campaign 1; GW11D Campaign 6; GW12 Campaign 2; GW12 Campaign 5; GW12 Campaign 6; GW13 Campaign 6; GW15 Campaign 4; PZ_21 Campaign 6; GW20 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 6; PZ_16 Campaign 6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	<0.01	<0.01	0.07	3.23	<0.01	<0.01	<0.01	<0.01	<0.01	0.81	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Acenaphthylene	µg/l	N/A	197	0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Acenaphthene	µg/l	N/A	197	0.01	3.76	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Fluorene	µg/l	N/A	197	<0.01	1.34	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Phenanthrene	µg/l	See BaP	197	<0.01	1	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Anthracene	µg/l	0.0001	197	0.01	0.1	18	GW1 Campaign 2; GW1 Campaign 6; GW1 Dup Campaign 6; GW2 Campaign 6; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 2; GW8 Campaign 2; GW9S Campaign 6; GW9D Campaign 2; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 6; GW11D Campaign 6; GW12 Campaign 6; PZ_21 Campaign 6; GW20 Campaign 6; GW21 Campaign 6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Fluoranthene	µg/l	0.0000063	197	<0.01	0.21	10	GW1 Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 2; GW8 Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 6; PZ_21 Campaign 6; GW20 Campaign 6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Pyrene	µg/l	N/A	197	<0.01	0.19	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Benz(a)anthracene	µg/l	No WSV	197	<0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Chrysene	µg/l	See BaP	197	<0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	µg/l	0.000017	197	<0.01	0.13	1	GW6D Campaign 4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	µg/l	0.000017	197	<0.01	0.16	1	GW6D Campaign 4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Benzo(a)pyrene	µg/l	0.00000017	197	<0.01	0.16	1	GW6D Campaign 4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	µg/l	N/A	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Benzo(ghi)perylene	µg/l	0.00000082	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Dibenz(ah)anthracene	µg/l	N/A	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Total PAH	µg/l	No WSV	197	<0.01	19.89	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.23	<0.01	<0.01	0.07	3.77	<0.01	<0.01	<0.01	<0.01	<0.01	1.02	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Benzene	µg/l	0.008	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Toluene	µg/l	0.074	197	<0.01	1	1	PZ_16 Campaign 3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Ethylbenzene	µg/l	0.02	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
m&p-Xylene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
o-Xylene	µg/l	0.03	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Styrene	µg/l	0.05	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Propylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Methylethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
sec-Butylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,3,5-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
tert-Butylbenzene	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1-methylpropylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Vinyl Chloride	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
cis 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	137	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,1-Dichloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Chloroform	µg/l	See Trihalomethanes	197	<0.01	4	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Carbontetrachloride	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,1,1-Trichloroethane	µg/l	0.1	197	<0.01	3	2	PZ_14 Campaign 4; PZ_14 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Trichloroethylene	µg/l	0.01	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Tetrachloroethylene	µg/l	0.01	197	<0.01	31	1	GW20 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,1,1,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,1,2,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Chlorobenzene	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,1-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,2-Dichloroethane	µg/l	0.01	197	<0.01	132	1	GW20 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
2,2-Dichloropropane	µg/l	No WSV	197	<0.01	2	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
trans 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Dibromomethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,2-Dichloropropane	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
cis 1,2-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
trans 1,3-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	3	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,1,2-Trichloroethane	µg/l	0.3	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,3-Dichloropropane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
2-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,2,4-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
4-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1

Assessment Criteria :	*Coastal and Estuarine EQS*					
CaCO	**0.00**		**0.00**	**DOC**	**0.00**	
Calcium	**0.00**	**DOC**	**0.00**		**Catchment area**	**Freshwater not listed**

Constituents	**Unit**	**Generic Assessment Criteria (mg/l)**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0	
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0	
Redox Potential (ORP)	mV	No WSV	155	-363	145	0	
DO	%	No WSV	155	1	102	0	
o-Cymene	µg/l	No WSV	197	<0.01	<1	0	
1,4-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0	
1,2-Dibromo-3-chloropropane	µg/l	N/A	197	<0.01	<1	0	
Hexachlorobutadiene	µg/l	0.0006	197	<0.01	1	1	GW11S1 Campaign 6
1,2,3-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0	
1,2,4-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0	
1,3-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0	
1,2-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0	
Bromochloromethane	µg/l	No WSV	197	<0.01	1	0	
Dibromethane	µg/l	No WSV	197	<0.01	1	0	
Bromobenzene	µg/l	No WSV	197	<0.01	<1	0	
Bromodichloromethane	µg/l	N/A	197	<0.01	<1	0	
Dibromochloromethane	µg/l	N/A	197	<0.01	<1	0	
PCB28	µg/l	No WSV	197	0.01	<0.01	0	
PCB52	µg/l	No WSV	197	<0.01	0.17	0	
PCB101	µg/l	No WSV	197	0.01	<0.01	0	
PCB118	µg/l	No WSV	197	0.01	<0.01	0	
PCB138	µg/l	No WSV	197	0.01	<0.01	0	
PCB153	µg/l	No WSV	197	0.01	<0.01	0	
PCB180	µg/l	No WSV	197	0.01	<0.01	0	
Total PCB	µg/l	No WSV	197	<0.01	0.17	0	

Constituents	GW11S Campaign 3	GW11S Campaign 4	GW11S Campaign 5	GW11S Campaign 6	GW11S1 Campaign 1	GW11S1 Campaign 2	GW11S1 Campaign 3	GW11S1 Campaign 4	GW11S1 Campaign 5	GW11S1 Campaign 6	GW12 Campaign 1
pH Value (Lab)	7.6	7.5	7.1	6.9	7	6.9	7.4	7.6	8	7.1	6.7
pH Value (Field)	7.5	7	6.7	7.2	-	7.1	7.2	7.2	8.6	7.4	-
Redox Potential (ORP)	-7	-216	-168	-231	-	-169	-167	-180	-275	-219	-
DO	59	2	4	1	-	2	3	2	3	1	-
o-Cymene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1
1,2,3-Trichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Constituents	GW12 Campaign 2	GW12 Campaign 3	GW12 Campaign 4	GW12 Campaign 5	GW12 Campaign 6	GW13 Campaign 1	GW13 Campaign 2	GW13 Campaign 3	GW13 Campaign 4	GW13 Campaign 5	GW13 Campaign 6
pH Value (Lab)	6.7	6.9	7.2	7	6.7	7.7	7.5	7.6	7.8	7.5	7.4
pH Value (Field)	6.7	6.9	6.7	6.7	7	-	7.3	7.3	7	7.1	7.3
Redox Potential (ORP)	-114	-156	-168	-195	-206	-	-113	-160	-184	-197	-195
DO	2	4	4	2	2	-	2	5	1	1	1
o-Cymene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Constituents	GW15 Campaign 1	GW15 Campaign 2	GW15 Campaign 3	GW15 Campaign 4	GW15 Campaign 5	GW15 Campaign 6	GW16D Campaign 1	GW16D Campaign 2	GW16D Campaign 3	GW16D Campaign 4	GW16D Campaign 5
pH Value (Lab)	6.4	6.4	6.8	7	6.8	6.9	7.3	7.6	7.7	7.9	7.4
pH Value (Field)	-	6.4	6.5	6.4	6.6	6.9	-	7.3	7.4	7.2	6.7
Redox Potential (ORP)	-	-99	-103	-161	-164	-202	-	-21	-50	-65	44
DO	-	2	6	2	4	3	-	72	97	70	83
o-Cymene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Constituents	GW16D Campaign 6	Dup Campaign 2	Dup Campaign 3	Dup Campaign 4	Dup Campaign 5	Dup Campaign 6	GW17 Campaign 1	GW17 Campaign 2	GW17 Campaign 3	GW17 Campaign 4	GW17 Campaign 5
pH Value (Lab)	7.6	7.6	7.7	7.9	7.5	7.6	-	-	7.3	8	6.9
pH Value (Field)	7.3	-	-	7.2	6.7	-	-	-	6.9	6	6.8
Redox Potential (ORP)	-138	-	-	-65	44	-	-	-	91	28	17
DO	74	-	-	70	83	-	-	-	102	86	85
o-Cymene	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,2-Dibromo-3-chloropropane	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Hexachlorobutadiene	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,2,3-Trichlorobenzene	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,2,4-Trichlorobenzene	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Bromochloromethane	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Dibromethane	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Bromobenzene	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
Dibromochloromethane	<1	<1	<1	<1	<1	<1	-	-	<1	<1	<1
PCB28	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
PCB52	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
PCB101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
PCB118	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
PCB138	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
PCB153	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
PCB180	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01
Total PCB	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01	<0.01	<0.01

Assessment Criteria :	*Coastal and Estuarine EQS*				
CaCO	0.00		0.00	**DOC**	0.00
Calcium	0.00	**DOC**	0.00	**Catchment area**	**Freshwater not listed**

Constituents	**Unit**	**Generic Assessment Criteria (mg/l)**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	GW17 Campaign 6	GW18 Campaign 1	GW18 Campaign 2	GW18 Campaign 3	GW18 Campaign 4	GW18 Campaign 5	GW18 Campaign 6	PZ_21 Campaign 1	PZ_21 Campaign 2	PZ_21 Campaign 3	PZ_21 Campaign 4	PZ_21 Campaign 5	PZ_21 Campaign 6	GW20 Campaign 1	GW20 Campaign 2	GW20 Campaign 3	GW20 Campaign 4	GW20 Campaign 5	GW20 Campaign 6	GW20 Dup Campaign 1	GW20 Dup Campaign 3	GW21 Campaign 1	GW21 Campaign 2	GW21 Campaign 3	GW21 Campaign 4	GW21 Campaign 5	GW21 Campaign 6	GW22 Campaign 1	GW22 Campaign 2	GW22 Campaign 3	GW22 Campaign 4	GW22 Campaign 5	GW22 Campaign 6	GW23 Campaign 1	GW23 Campaign 2	GW23 Campaign 3	GW23 Campaign 4	GW23 Campaign 5	GW23 Campaign 6	GW23 Dup Campaign 2	GW23 Dup Campaign 6	GW24D Campaign 1	GW24D Campaign 2	GW24D Campaign 3
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		7.2	-	-	7.5	7.6	6.7	-	-	-	7.1	7.6	7.2	6.9	6.9	7	8.2	7.4	7.2	7.3	6.9	8.3	5.9	6	7.8	6.4	6.1	6.5	7	7	8.1	7	6.3	6.6	7.3	7.1	8.3	7.3	6.9	7.3	7	7.4	7.3	8.4	7.2
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		7	-	-	7.2	6.5	6.2	-	-	-	6.7	6.8	6.8	7.1	-	6.7	6.9	7	6.9	6.8	-	-	-	6	5.9	5.9	5.7	6.5	-	6.8	7	6.3	6.1	6.3	-	6.8	6.8	6.3	6.5	6.8	-	-	-	7.3	7
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-18	-	-	64	-25	54	-	-	-	52	-103	-40	-85	-	67	91	-96	15	70	-	-	-	96	101	41	79	6	-	53	109	15	62	93	-	-35	61	-13	54	61	-	-	-	-125	-166
DO	%	No WSV	155	1	102	0		81	-	-	80	78	86	-	-	-	8	3	4	2	-	57	33	32	34	42	-	-	-	65	72	65	72	71	-	20	14	64	5	5	-	4	10	11	4	2	-	-	-	3	4
Salinity	pss	No WSV	155	0	17.9	0		0.18	-	-	0.12	0.08	0.07	-	-	-	0.67	0.66	0.73	0.75	-	0.22	0.21	0.44	0.45	0.45	-	-	-	0.24	0.22	0.26	0.25	0.28	-	0.18	0.18	0.29	0.41	0.41	-	0.33	0.32	0.35	0.34	0.34	-	-	-	1.12	1.11
Electrical Conductivity	µS/cm	No WSV	197	0.49	26100	0		400	-	-	99	188	138	-	-	-	1330	1281	1442	1493	520	540	607	899	889	874	520	538	540	597	619	568	494	564	493	447	472	597	772	798	742	796	836	740	701	656	795	680	1877	2110	1948
Suspended Solids	mg/l	No WSV	197	<0.5	1200	0		6	-	-	4	216	22	-	-	-	<5	64	14	22	11	44	28	102	22	36	15	44	44	10	38	198	6	36	14	2	32	68	10	6	86	22	26	58	20	14	2	8	300	18	40
Calcium	mg/l	N/A	197	14	8925	0		34	-	-	34.9	24.6	58	-	-	-	203.9	188.9	211	219	68.4	73	86.3	108.5	156	112	74.8	79.3	64.1	57	74.4	62.9	36	68	65.9	50	71.8	84	159	122	107.3	110.2	133.6	111	160	107	120.6	109	219.7	308	335.4
Magnesium	mg/l	N/A	197	0.5	533.8	0		6	-	-	3.9	3.1	2	-	-	-	15	14.9	16	17	9.3	10	11.6	18.3	22	26	10.2	10.5	7.2	6	9.2	7.3	5	8	5.5	4	5.2	5.9	11	13	10.4	4.4	5.6	6.6	7	9	5.1	9	22.5	25	26.1
Sodium	mg/l	N/A	197	4	5336	0		38	-	-	11.1	11.2	14	-	-	-	66.9	66	92	107	24.4	31	26.1	24.6	25	7	26.7	25.1	25.2	29	27.4	23.6	50	28	18.6	19	15.2	16.2	28	31	23	29.2	26.8	20	38	23	33.2	27	120.4	119	119.1
Potassium	mg/l	N/A	197	1	141	0		3	-	-	3.1	3.1	2	-	-	-	5.6	5.5	7	8.5	2.6	3	3.7	4.2	5	32	2.8	3.4	2.8	3	3.5	2.7	2	3	5.3	5	6.3	5.5	4	5	6.4	1.3	1.7	2.8	3	3	1.5	3	13.3	8	8.9
Chloride	mg/l	N/A	197	13	8504	0		42	-	-	15	16	17	-	-	-	160	203	354	258	31	27	25	72	66	52	36	25	57	54	52	42	47	45	36	29	28	36	51	57	38	51	54	48	47	50	51	50	458	528	508
Sulphate	mg/l	N/A	197	1	1197	0		22	-	-	24	16	24	-	-	-	28	32	31	29	25	25	27	49	47	71	30	28	55	52	52	47	51	49	30	25	25	35	79	90	31	37	53	100	97	107	36	107	5	3	<5
Alkalinity	mg/l CaCO3	No WSV	197	30	1360	0		90	-	-	80	60	60	-	-	-	180	390	210	360	260	240	240	240	180	160	270	260	270	50	120	60	30	120	230	80	150	120	130	140	440	240	370	190	250	180	290	170	400	380	360
Nitrate	mg/l	N/A	197	1	214	0		19	-	-	<5	8	7	-	-	-	67	16	24	25	50	52	44	191	202	214	50	43	145	148	127	118	124	122	77	63	56	101	166	173	33	32	14	47	50	59	32	60	1	<1	<5
Ammonium as NH4	mg/l	Not appropriate, see Unionised Ammonia	197	<0.01	42	0		0.04	-	-	<0.01	0.11	<0.01	-	-	-	0.11	0.04	0.32	0.02	0.02	<0.01	0.03	0.01	<0.01	0.03	0.02	0.03	0.37	<0.01	0.08	<0.01	0.06	9	0.19	<0.01	0.04	<0.01	0.01	0.02	0.48	<0.01	0.02	0.11	0.03	0.06	<0.01	0.03	1.62	0.9	0.47
COD	mg/l	No WSV	197	<2	120	0		<2	-	-	13	<2	<2	-	-	-	<2	<2	<2	<2	<2	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	3	<2	<2	<2	<2	<2	<2	4	<2	<2	<2	17	<2	7
BOD	mg/l	No WSV	197	2	33	0		<2	-	-	<2	<2	<2	-	-	-	<2	9	<2	<2	<2	13	<2	<2	<2	#	<2	<2	<2	<2	<2	<2	<2	#	<2	<2	<2	<2	<2	#	<2	<2	<2	<2	<2	<2	<2	#	<2	3	<2
Iron	µg/l	1	197	10	54370	115	GW1 Dup Campaign 1; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 4; GW3 Campaign 2; GW3 Campaign 5; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 3; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 4; GW11S1 Campaign 5; GW12 Campaign 1; GW12 Campaign 2;	<10	-	-	<10	42	<10	-	-	-	<10	<10	<10	<10	<10	<10	16	72	<10	<10	<10	<10	<10	<10	<10	50	<10	<10	17	12	12	11	<10	<10	<10	<10	21	<10	<10	<10	<10	<10	60	17	53
Boron	µg/l	7	197	5	1402	149	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 2; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign	791	-	-	<5	<5	109	-	-	-	<5	144	<5	49	36	<5	33	77	148	<5	16	21	33	<5	10	141	288	21	59	<5	13	151	178	39	539	<5	67	176	183	35	27	23	<5	67	63
Arsenic	µg/l	0.025	197	5	77	43	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 6; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 6; GW11D Campaign 4; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 5; GW11S1 Campaign 2; GW11S1 Campaign 4; GW11S1 Campaign 5; GW11S1 Campaign 6; GW15 Campaign 1; GW15 Campaign 2; GW15 Campaign 3; GW15 Campaign 4; GW15 Campaign 5; GW24S Campaign 1; GW24S Campaign 3; GW24S Campaign 4; PZ_14 Campaign 1; PZ_16 Campaign 2	<5	-	-	<5	<5	<5	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chromium	µg/l	0.0006	197	<5	7	1	PZ_14 Campaign 1	<5	-	-	<5	<5	<5	-	-	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Lead	µg/l	0.0013	197	1	6	10	GW1 Dup Campaign 1; GW2 Campaign 1; GW3 Campaign 2; GW6D Campaign 6; GW10 Campaign 2; GW11S Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 2; PZ_16 Campaign 2	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	1	<1	<1	<1	<1
Nickel	µg/l	0.0086	197	1	99	151	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 4; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 3; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9D Campaign 4; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2;	<1	-	-	3	<1	1	-	-	-	5	2	2	4	2	2	1	<1	<1	<1	2	1	5	5	6	3	4	3	2	2	1	2	7	4	<1	2	2	1	2	2	2	2	3	2	<1

Assessment Criteria : Coastal and Estuarine EQS

CaCO 0.00 | 0.00 **DOC** 0.00

Calcium 0.00 **DOC** 0.00 **Catchment area** **Freshwater not listed**

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW17 Campaign 6	GW18 Campaign 1	GW18 Campaign 2	GW18 Campaign 3	GW18 Campaign 4	GW18 Campaign 5	GW18 Campaign 6	PZ_21 Campaign 1	PZ_21 Campaign 2	PZ_21 Campaign 3	PZ_21 Campaign 4	PZ_21 Campaign 5	PZ_21 Campaign 6	GW20 Campaign 1	GW20 Campaign 2	GW20 Campaign 3	GW20 Campaign 4	GW20 Campaign 5	GW20 Campaign 6	Dup Campaign 1	Dup Campaign 3	GW21 Campaign 1	GW21 Campaign 2	GW21 Campaign 3	GW21 Campaign 4	GW21 Campaign 5	GW21 Campaign 6	GW22 Campaign 1	GW22 Campaign 2	GW22 Campaign 3	GW22 Campaign 4	GW22 Campaign 5	GW22 Campaign 6	GW23 Campaign 1	GW23 Campaign 2	GW23 Campaign 3	GW23 Campaign 4	GW23 Campaign 5	GW23 Campaign 6	Dup Campaign 2	Dup Campaign 6	GW24D Campaign 1	GW24D Campaign 2	GW24D Campaign 3
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		7.2	-	-	7.5	7.6	6.7	-	-	-	7.1	7.6	7.2	6.9	6.9	7	8.2	7.4	7.2	7.3	6.9	8.3	5.9	6	7.8	6.4	6.1	6.5	7	7	8.1	7	6.3	6.6	7.3	7.1	8.3	7.3	6.9	7.3	7	7.4	7.3	8.4	7.2
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		7	-	-	7.2	6.5	6.2	-	-	-	6.7	6.8	6.8	7.1	-	6.7	6.9	7	6.9	6.8	-	-	-	6	5.9	5.9	5.7	6.5	-	6.8	7	6.3	6.1	6.3	-	6.8	6.8	6.3	6.5	6.8	-	-	-	7.3	7
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-18	-	-	64	-25	54	-	-	-	52	-103	-40	-85	-	67	91	-96	15	70	-	-	-	96	101	41	79	6	-	53	109	15	62	93	-	-35	61	-13	54	61	-	-	-	-125	-166
DO	%	No WSV	155	1	102	0		81	-	-	80	78	86	-	-	-	8	3	4	2	-	57	33	32	34	42	-	-	-	65	72	65	72	71	-	20	14	64	5	5	-	4	10	11	4	2	-	-	-	3	4
Copper	µg/l	0.00376	197	5	32	35	GW1 Campaign 2; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW2 Campaign 1; GW2 Campaign 2; GW3 Campaign 2; PZ_20 Campaign 2; PZ_19 Campaign 2; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 2; GW9D Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11S Campaign 2; GW11S1 Campaign 2; GW15 Campaign 2; GW15 Campaign 3; GW16D Campaign 2; GW16D Dup Campaign 2; GW20 Campaign 2; GW21 Campaign 2; GW22 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; GW24D Campaign 2; PZ_6 Campaign 2; PZ_14 Campaign 1; PZ_14 Campaign 2; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5	<5	-	-	<5	<5	<5	-	-	-	<5	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	17	<5	<5	<5	<5	<5	16	<5	<5	<5	<5	18	<5	<5	5	<5
Zinc	µg/l	0.0068	197	5	1234	188	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D	10	-	-	10	16	33	-	-	-	37	45	54	45	10	23	67	13	11	10	7	81	24	41	238	76	79	28	13	20	28	22	67	30	8	21	84	15	10	13	24	11	6	81	13
Cadmium	µg/l	0.0002	197	<1	9	6	GW3 Campaign 1; PZ_20 Campaign 6; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 3; GW12 Campaign 3	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Mercury	µg/l	0.00007	197	0.1	2.5	14	PZ_20 Campaign 3; PZ_19 Campaign 3; GW6D Campaign 6; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Dup Campaign 4; GW16D Campaign 6; GW17 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 2; PZ_14 Campaign 1; PZ_16 Campaign 1	0.1`	-	-	<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	0.2	0.1	<0.1	0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	µg/l	No WSV	197	0.5	<0.5	0		<0.5	-	-	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Petroleum Hydrocarbons	µg/l	No WSV	197	<10	2233	0		<10	-	-	<10	<10	<10	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	56	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Free Cyanide	µg/l	0.001	197	5	21.1	6	PZ_20 Campaign 6; PZ_19 Campaign 6; GW20 Campaign 4; GW20 Campaign 5; GW21 Campaign 5; GW22 Campaign 5	<5	-	-	<5	<5	<5	-	-	-	<5	<5	<5	<5	<5	<5	<5	5	10.5	<5	<5	<5	<5	<5	<5	<5	18.2	<5	<5	<5	<5	<5	21.1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	µg/l	0.002	197	<0.01	13.49	25	GW1 Campaign 5; GW6D Campaign 4; GW8 Campaign 2; GW9S Campaign 2; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 2; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 4; GW10 Dup Campaign 1; GW11D Campaign 6; GW12 Campaign 2; GW12 Campaign 5; GW12 Campaign 6; GW13 Campaign 6; GW15 Campaign 4; PZ_21 Campaign 6; GW20 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 6; PZ_16 Campaign 6	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.05	<0.01	0.22	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.53	<0.01	<0.01	<0.01	<0.01	0.56	<0.01	<0.01	<0.01	<0.01
Acenaphthylene	µg/l	N/A	197	0.01	0.12	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	µg/l	N/A	197	0.01	3.76	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluorene	µg/l	N/A	197	<0.01	1.34	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.09	<0.01	<0.01	<0.01	<0.01	<0.01	0.18	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01
Phenanthrene	µg/l	See BaP	197	<0.01	1	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.14	<0.01	<0.01	<0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01
Anthracene	µg/l	0.0001	197	0.01	0.1	18	GW1 Campaign 2; GW1 Campaign 6; GW1 Dup Campaign 6; GW2 Campaign 6; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 2; GW8 Campaign 2; GW9S Campaign 6; GW9D Campaign 2; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 6; GW11D Campaign 6; GW12 Campaign 6; PZ_21 Campaign 6; GW20 Campaign 6; GW21 Campaign 6	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	µg/l	0.0000063	197	<0.01	0.21	10	GW1 Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 2; GW8 Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 6; PZ_21 Campaign 6; GW20 Campaign 6	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrene	µg/l	N/A	197	<0.01	0.19	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benz(a)anthracene	µg/l	No WSV	197	<0.01	0.12	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	µg/l	See BaP	197	<0.01	0.12	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	µg/l	0.000017	197	<0.01	0.13	1	GW6D Campaign 4	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	µg/l	0.000017	197	<0.01	0.16	1	GW6D Campaign 4	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	µg/l	0.00000017	197	<0.01	0.16	1	GW6D Campaign 4	<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	µg/l	N/A	197	0.01	<0.01	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	µg/l	0.00000082	197	0.01	<0.01	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(ah)anthracene	µg/l	N/A	197	0.01	<0.01	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PAH	µg/l	No WSV	197	<0.01	19.89	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	0.37	<0.01	0.22	<0.01	<0.01	<0.01	0.76	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	0.53	<0.01	<0.01	<0.01	<0.01	0.56	0.07	<0.01	<0.01	<0.01
Benzene	µg/l	0.008	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	µg/l	0.074	197	<0.01	1	1	PZ_16 Campaign 3	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	µg/l	0.02	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m&p-Xylene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	µg/l	0.03	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	µg/l	0.05	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Propylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	µg/l	No WSV	197	<0.01	1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1-methylpropylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	µg/l	N/A	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	137	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	137	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	µg/l	See Trihalomethanes	197	<0.01	4	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbontetrachloride	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	µg/l	0.1	197	<0.01	3	2	PZ_14 Campaign 4; PZ_14 Campaign 6	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethylene	µg/l	0.01	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethylene	µg/l	0.01	197	<0.01	31	1	GW20 Campaign 6	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	31	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	µg/l	No WSV	197	<0.01	1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	µg/l	0.01	197	<0.01	132	1	GW20 Campaign 6	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	132	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	µg/l	No WSV	197	<0.01	2	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	µg/l	No WSV	197	<0.01	1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	µg/l	N/A	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,3-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	3	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	µg/l	0.3	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Assessment Criteria :	*Coastal and Estuarine EQS*					
CaCO	**0.00**		**0.00**	**DOC**	**0.00**	
Calcium	**0.00**	**DOC**	**0.00**	**Catchment area**	**Freshwater not listed**	

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW17 Campaign 6	GW18 Campaign 1	GW18 Campaign 2	GW18 Campaign 3	GW18 Campaign 4	GW18 Campaign 5	GW18 Campaign 6	PZ_21 Campaign 1	PZ_21 Campaign 2	PZ_21 Campaign 3	PZ_21 Campaign 4	PZ_21 Campaign 5	PZ_21 Campaign 6	GW20 Campaign 1	GW20 Campaign 2	GW20 Campaign 3	GW20 Campaign 4	GW20 Campaign 5	GW20 Campaign 6	Dup Campaign 1	Dup Campaign 3	GW21 Campaign 1	GW21 Campaign 2	GW21 Campaign 3	GW21 Campaign 4	GW21 Campaign 5	GW21 Campaign 6	GW22 Campaign 1	GW22 Campaign 2	GW22 Campaign 3	GW22 Campaign 4	GW22 Campaign 5	GW22 Campaign 6	GW23 Campaign 1	GW23 Campaign 2	GW23 Campaign 3	GW23 Campaign 4	GW23 Campaign 5	GW23 Campaign 6	Dup Campaign 2	Dup Campaign 6	GW24D Campaign 1	GW24D Campaign 2	GW24D Campaign 3
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		7.2	-	-	7.5	7.6	6.7	-	-	-	7.1	7.6	7.2	6.9	6.9	7	8.2	7.4	7.2	7.3	6.9	8.3	5.9	6	7.8	6.4	6.1	6.5	7	7	8.1	7	6.3	6.6	7.3	7.1	8.3	7.3	6.9	7.3	7	7.4	7.3	8.4	7.2
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		7	-	-	7.2	6.5	6.2	-	-	-	6.7	6.8	6.8	7.1	-	6.7	6.9	7	6.9	6.8	-	-	-	6	5.9	5.9	5.7	6.5	-	6.8	7	6.3	6.1	6.3	-	6.8	6.8	6.3	6.5	6.8	-	-	-	7.3	7
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-18	-	-	64	-25	54	-	-	-	52	-103	-40	-85	-	67	91	-96	15	70	-	-	-	96	101	41	79	6	-	53	109	15	62	93	-	-35	61	-13	54	61	-	-	-	-125	-166
DO	%	No WSV	155	1	102	0		81	-	-	80	78	86	-	-	-	8	3	4	2	-	57	33	32	34	42	-	-	-	65	72	65	72	71	-	20	14	64	5	5	-	4	10	11	4	2	-	-	-	3	4
o-Cymene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dibromo-3-chloropropane	µg/l	N/A	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	µg/l	0.0006	197	<0.01	1	1	GW11S1 Campaign 6	<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	µg/l	No WSV	197	<0.01	1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromethane	µg/l	No WSV	197	<0.01	1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	µg/l	N/A	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromochloromethane	µg/l	N/A	197	<0.01	<1	0		<1	-	-	<1	<1	<1	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB28	µg/l	No WSV	197	0.01	<0.01	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB52	µg/l	No WSV	197	<0.01	0.17	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB101	µg/l	No WSV	197	0.01	<0.01	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB118	µg/l	No WSV	197	0.01	<0.01	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB138	µg/l	No WSV	197	0.01	<0.01	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB153	µg/l	No WSV	197	0.01	<0.01	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB180	µg/l	No WSV	197	0.01	<0.01	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PCB	µg/l	No WSV	197	<0.01	0.17	0		<0.01	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO 0.00 0.00 **DOC** 0.00

Calcium 0.00 **DOC** 0.00 **Catchment area** **Freshwater not listed**

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW24D Campaign 4	GW24D Campaign 5	GW24D Campaign 6	Dup Campaign 4	GW24S Campaign 1	GW24S Campaign 2	GW24S Campaign 3	GW24S Campaign 4	GW24S Campaign 5	GW24S Campaign 6	PZ_6 Campaign 1	PZ_6 Campaign 2	PZ_6 Campaign 3	PZ_6 Campaign 4	PZ_6 Campaign 5	PZ_6 Campaign 6	PZ_14 Campaign 1	PZ_14 Campaign 2	PZ_14 Campaign 3	PZ_14 Campaign 4	PZ_14 Campaign 5	PZ_14 Campaign 6	PZ_16 Campaign 1	PZ_16 Campaign 2	PZ_16 Campaign 3	PZ_16 Campaign 4	PZ_16 Campaign 5	PZ_16 Campaign 6	Dup Campaign 5	
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		6.7	7.3	7	6.7	7.2	8.2	7.2	7.5	7.5	7.2	7	7.1	7.1	7.2	6.9	6.9	7.4	7.9	7.7	7.5	7.5	7.5	7.8	7.1	6.9	7	6.5	6.6	6.5	
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		6.9	6.7	7.5	6.9	-	7.4	7.1	6.9	7.1	7.5	-	7.2	7.3	6.9	7.1	-	-	7.7	7.4	7.6	7.7	6.9	-	7	6.7	6.5	6.5	6.8	-	
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-135	-165	-228	-135	-	-138	-164	-189	-196	-231	-	-143	-196	-184	-194	-	-	20	-104	-3	28	57	-	-109	-91	-152	-151	-152	-	
DO	%	No WSV	155	1	102	0		66	2	1	66	-	2	4	2	4	1	-	4	4	17	3	-	-	43	48	34	25	58	-	5	2	7	3	2	-	
Salinity	pss	No WSV	155	0	17.9	0		1.08	1.06	1.1	1.08	-	1.47	1.5	1.55	1.47	1.42	-	0.79	0.81	0.8	0.81	-	-	0.2	0.2	0.2	0.2	0.21	-	1.12	16.04	17.9	17.66	11.67	-	
Electrical Conductivity	µS/cm	No WSV	197	0.49	26100	0		2040	1860	1990	2100	2390	2650	2860	2890	2640	2590	1430	1519	1589	1599	1558	1300	6390	393	490	424	411	444	540	1997	21600	26100	21300	18710	20200	
Suspended Solids	mg/l	No WSV	197	<0.5	1200	0		8	172	24	22	10	18	4	56	83	<0.5	84	2	16	66	122	22	186	14	12	20	8	2	38	14	58	16	134	152	172	
Calcium	mg/l	N/A	197	14	8925	0		315.2	306	255	322.7	78.9	123	166.2	284.2	135	97	141.8	183	196.4	155.7	222	135	250.4	41	53.8	43.2	76	49	40.9	125	1153	8925	1066	1147	1035	
Magnesium	mg/l	N/A	197	0.5	533.8	0		22.7	22	19	23.4	35.8	53	59.8	99.4	49	37	14.5	19	19.4	15.8	19	15	82.3	7	8	7.5	7	9	6.6	28	466.5	533.8	296	352	265	
Sodium	mg/l	N/A	197	4	5336	0		112.5	107	92	116.1	306.8	382	443.6	730	389	345	128.6	188	170.1	141.8	160	133	1286	39	37.2	32.5	26	60	34.7	272	4703	5336	3578	3221	2954	
Potassium	mg/l	N/A	197	1	141	0		7.6	7	5	7.9	10.1	15	15.9	27.8	13	11	6.6	10	8.9	6.7	9	7	24.1	4	4.2	3.5	4	5	3.6	10	36.5	38.3	27	32	24	
Chloride	mg/l	N/A	197	13	8504	0		498	473	464	498	650	728	764	752	734	704	323	317	330	315	321	329	1746	41	42	36	28	54	58	440	8504	1270	6844	6382	6599	
Sulphate	mg/l	N/A	197	1	1197	0		7	7	<5	<5	2	2	<1	<5	<5	<5	7	9	8	9	8	7	327	48	56	57	51	57	50	83	981	1197	932	855	850	
Alkalinity	mg/l CaCO3	No WSV	197	30	1360	0		350	340	420	360	200	320	270	270	230	280	270	310	380	350	420	420	800	110	200	130	80	150	140	410	290	360	160	400	210	
Nitrate	mg/l	N/A	197	1	214	0		<1	<1	<1	<1	<1	<1	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	34	33	29	27	36	27	<1	<1	<1	<1	<1	<1	
Ammonium as NH4	mg/l	Not appropriate, see Unionised Ammonia	197	<0.01	42	0		0.42	1.1	0.5	0.58	10.27	4.24	4.1	0.06	4.8	2.7	7	10.6	8.2	10.1	7	2.1	0.05	<0.01	<0.1	0.01	0.16	0.07	0.81	9	0.85	3.71	1.2	0.05	1.2	
COD	mg/l	No WSV	197	<2	120	0		<2	<2	<2	<2	22	<2	<2	<2	<2	<2	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	95	26	50	78	<2	120	31	
BOD	mg/l	No WSV	197	2	33	0		<2	2	<2	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	15	26	5	22	<2	33	<2	
Iron	µg/l	1	197	10	54370	115	GW1 Dup Campaign 1; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 4; GW3 Campaign 2; GW3 Campaign 5; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 3; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 3; GW11D Campaign 4; GW11D Campaign 5; GW11D Dup Campaign 4; GW11S Campaign 1; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S1 Campaign 1; GW11S1 Campaign 2; GW11S1 Campaign 3; GW11S1 Campaign 4; GW11S1 Campaign 5; GW12 Campaign 1; GW12 Campaign 2;	11	6009	<10	<10	29	11	3500	566	10	<10	<10	<10	9693	36	317	9101	9417	<10	13	<10	<10	<10	<10	3470	21910	18640	<10	10800	85	
Boron	µg/l	7	197	5	1402	149	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 2; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_19 Campaign 2; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D Campaign 4; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 3; GW11S Campaign 4; GW11S Campaign 5; GW11S Campaign 6; GW11S1 Campaign	38	<5	114	42	94	<5	102	103	14	51	36	115	27	82	<5	59	439	<5	<5	49	<5	30	32	127	417	667	<5	106	<5	
Arsenic	µg/l	0.025	197	5	77	43	PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 6; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 6; GW11D Campaign 4; GW11D Campaign 6; GW11D Dup Campaign 4; GW11S Campaign 2; GW11S Campaign 5; GW11S1 Campaign 2; GW11S1 Campaign 4; GW11S1 Campaign 5; GW11S1 Campaign 6; GW15 Campaign 1; GW15 Campaign 2; GW15 Campaign 3; GW15 Campaign 4; GW15 Campaign 5; GW24S Campaign 1; GW24S Campaign 3; GW24S Campaign 4; PZ_14 Campaign 1; PZ_16 Campaign 2	<5	<5	<5	<5	6	<5	12	5	<5	<5	<5	<5	<5	<5	<5	<5	6	<5	<5	<5	<5	<5	<5	9	<5	<5	<5	<5	<5	
Chromium	µg/l	0.0006	197	<5	7	1	PZ_14 Campaign 1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
Lead	µg/l	0.0013	197	1	6	10	GW1 Dup Campaign 1; GW2 Campaign 1; GW3 Campaign 2; GW6D Campaign 6; GW10 Campaign 2; GW11S Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 2; PZ_16 Campaign 2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	
Nickel	µg/l	0.0086	197	1	99	151	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 4; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Campaign 6; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 4; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 3; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9D Campaign 4; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 3; GW10 Campaign 4; GW10 Campaign 5; GW10 Campaign 6; GW10 Dup Campaign 1; GW11D Campaign 1; GW11D Campaign 2;	2	2	2	2	2	2	2	2	2	2	<1	4	<1	<1	<1	<1	12	<1	<1	<1	<1	3	<1	2	5	5	2	6	2	

Assessment Criteria :	*Coastal and Estuarine EQS*					
CaCO	**0.00**		**0.00**	**DOC**	**0.00**	
Calcium	**0.00**	**DOC**	**0.00**	**Catchment area**	**Freshwater not listed**	

Constituents	Unit	Generic Assessment Criteria (mg/l)	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	GW24D Campaign 4	GW24D Campaign 5	GW24D Campaign 6	Dup Campaign 4	GW24S Campaign 1	GW24S Campaign 2	GW24S Campaign 3	GW24S Campaign 4	GW24S Campaign 5	GW24S Campaign 6	PZ_6 Campaign 1	PZ_6 Campaign 2	PZ_6 Campaign 3	PZ_6 Campaign 4	PZ_6 Campaign 5	PZ_6 Campaign 6	PZ_14 Campaign 1	PZ_14 Campaign 2	PZ_14 Campaign 3	PZ_14 Campaign 4	PZ_14 Campaign 5	PZ_14 Campaign 6	PZ_16 Campaign 1	PZ_16 Campaign 2	PZ_16 Campaign 3	PZ_16 Campaign 4	PZ_16 Campaign 5	PZ_16 Campaign 6	Dup Campaign 5
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		6.7	7.3	7	6.7	7.2	8.2	7.2	7.5	7.5	7.2	7	7.1	7.1	7.2	6.9	6.9	7.4	7.9	7.7	7.5	7.5	7.5	7.8	7.1	6.9	7	6.5	6.6	6.5
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		6.9	6.7	7.5	6.9	-	7.4	7.1	6.9	7.1	7.5	-	7.2	7.3	6.9	7.1	-	-	7.7	7.4	7.6	7.7	6.9	-	7	6.7	6.5	6.5	6.8	-
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-135	-165	-228	-135	-	-138	-164	-189	-196	-231	-	-143	-196	-184	-194	-	-	20	-104	-3	28	57	-	-109	-91	-152	-151	-152	-
DO	%	No WSV	155	1	102	0		66	2	1	66	-	2	4	2	4	1	-	4	4	17	3	-	-	43	48	34	25	58	-	5	2	7	3	2	-
Copper	µg/l	0.00376	197	5	32	35	GW1 Campaign 2; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW2 Campaign 1; GW2 Campaign 2; GW3 Campaign 2; PZ_20 Campaign 2; PZ_19 Campaign 2; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 2; GW9D Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 2; GW11D Campaign 3; GW11S Campaign 2; GW11S1 Campaign 2; GW15 Campaign 2; GW15 Campaign 3; GW16D Campaign 2; GW16D Dup Campaign 2; GW20 Campaign 2; GW21 Campaign 2; GW22 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; GW24D Campaign 2; PZ_6 Campaign 2; PZ_14 Campaign 1; PZ_14 Campaign 2; PZ_16 Campaign 2; PZ_16 Campaign 3; PZ_16 Campaign 4; PZ_16 Campaign 5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	13	<5	<5	<5	<5	32	9	<5	<5	<5	<5	<5	6	8	8	7	<5	<5
Zinc	µg/l	0.0068	197	5	1234	188	GW1 Campaign 2; GW1 Campaign 3; GW1 Campaign 4; GW1 Campaign 5; GW1 Campaign 6; GW1 Dup Campaign 1; GW1 Dup Campaign 2; GW1 Dup Campaign 6; GW2 Campaign 1; GW2 Campaign 2; GW2 Campaign 3; GW2 Campaign 4; GW2 Campaign 5; GW2 Campaign 6; GW3 Campaign 1; GW3 Campaign 2; GW3 Campaign 3; GW3 Campaign 4; GW3 Campaign 5; GW3 Campaign 6; PZ_20 Campaign 1; PZ_20 Campaign 2; PZ_20 Campaign 3; PZ_20 Campaign 4; PZ_20 Campaign 5; PZ_20 Campaign 6; PZ_19 Campaign 1; PZ_19 Campaign 2; PZ_19 Campaign 3; PZ_19 Campaign 4; PZ_19 Campaign 5; PZ_19 Campaign 6; PZ_19 Dup Campaign 5; PZ_18 Campaign 1; PZ_18 Campaign 2; PZ_18 Campaign 3; PZ_18 Campaign 4; PZ_18 Campaign 5; PZ_18 Dup Campaign 3; GW6D Campaign 1; GW6D Campaign 2; GW6D Campaign 3; GW6D Campaign 4; GW6D Campaign 5; GW6D Campaign 6; GW7 Campaign 1; GW7 Campaign 2; GW7 Campaign 3; GW7 Campaign 4; GW7 Campaign 5; GW7 Campaign 6; GW8 Campaign 1; GW8 Campaign 2; GW8 Campaign 3; GW8 Campaign 4; GW8 Campaign 5; GW8 Campaign 6; GW9S Campaign 1; GW9S Campaign 2; GW9S Campaign 3; GW9S Campaign 4; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 1; GW9D Campaign 2; GW9D Campaign 3; GW9D	18	16	32	18	<5	329	21	18	16	11	1234	68	14	14	16	<5	90	25	12	17	9	33	67	15	61	99	44	83	53
Cadmium	µg/l	0.0002	197	<1	9	6	GW3 Campaign 1; PZ_20 Campaign 6; PZ_18 Campaign 2; GW6D Campaign 2; GW9S Campaign 3; GW12 Campaign 3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Mercury	µg/l	0.00007	197	0.1	2.5	14	PZ_20 Campaign 3; PZ_19 Campaign 3; GW6D Campaign 6; GW11D Campaign 2; GW11D Campaign 3; GW11D Campaign 4; GW11D Dup Campaign 4; GW16D Campaign 6; GW17 Campaign 6; PZ_21 Campaign 5; PZ_21 Campaign 6; GW20 Campaign 2; PZ_14 Campaign 1; PZ_16 Campaign 1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.5	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Phenols	µg/l	No WSV	197	0.5	<0.5	0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Petroleum Hydrocarbons	µg/l	No WSV	197	<10	2233	0		92	<10	<10	91	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Free Cyanide	µg/l	0.001	197	5	21.1	6	PZ_20 Campaign 6; PZ_19 Campaign 6; GW20 Campaign 4; GW20 Campaign 5; GW21 Campaign 5; GW22 Campaign 5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	µg/l	0.002	197	<0.01	13.49	25	GW1 Campaign 5; GW6D Campaign 4; GW8 Campaign 2; GW9S Campaign 2; GW9S Campaign 5; GW9S Campaign 6; GW9D Campaign 2; GW9D Campaign 5; GW9D Campaign 6; GW10 Campaign 1; GW10 Campaign 2; GW10 Campaign 4; GW10 Dup Campaign 1; GW11D Campaign 6; GW12 Campaign 2; GW12 Campaign 5; GW12 Campaign 6; GW13 Campaign 6; GW15 Campaign 4; PZ_21 Campaign 6; GW20 Campaign 2; GW23 Campaign 2; GW23 Dup Campaign 2; PZ_6 Campaign 6; PZ_16 Campaign 6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.6	<0.01
Acenaphthylene	µg/l	N/A	197	0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	µg/l	N/A	197	0.01	3.76	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Fluorene	µg/l	N/A	197	<0.01	1.34	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01
Phenanthrene	µg/l	See BaP	197	<0.01	1	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01
Anthracene	µg/l	0.0001	197	0.01	0.1	18	GW1 Campaign 2; GW1 Campaign 6; GW1 Dup Campaign 6; GW2 Campaign 6; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 2; GW8 Campaign 2; GW9S Campaign 6; GW9D Campaign 2; GW9D Campaign 6; GW10 Campaign 2; GW10 Campaign 6; GW11D Campaign 6; GW12 Campaign 6; PZ_21 Campaign 6; GW20 Campaign 6; GW21 Campaign 6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	µg/l	0.0000063	197	<0.01	0.21	10	GW1 Campaign 2; GW6D Campaign 4; GW6D Campaign 6; GW7 Campaign 2; GW8 Campaign 2; GW10 Campaign 2; GW11D Campaign 1; GW11D Campaign 6; PZ_21 Campaign 6; GW20 Campaign 6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Pyrene	µg/l	N/A	197	<0.01	0.19	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benz(a)anthracene	µg/l	No WSV	197	<0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	µg/l	See BaP	197	<0.01	0.12	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	µg/l	0.000017	197	<0.01	0.13	1	GW6D Campaign 4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	µg/l	0.000017	197	<0.01	0.16	1	GW6D Campaign 4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	µg/l	0.00000017	197	<0.01	0.16	1	GW6D Campaign 4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	µg/l	N/A	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(ghi)perylene	µg/l	0.00000082	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(ah)anthracene	µg/l	N/A	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total PAH	µg/l	No WSV	197	<0.01	19.89	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.87	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.87	<0.01
Benzene	µg/l	0.008	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	µg/l	0.074	197	<0.01	1	1	PZ_16 Campaign 3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1
Ethylbenzene	µg/l	0.02	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m&p-Xylene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	µg/l	0.03	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	µg/l	0.05	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Propylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Methylethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
sec-Butylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
tert-Butylbenzene	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1-methylpropylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	137	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	µg/l	See Trihalomethanes	197	<0.01	4	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbontetrachloride	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	µg/l	0.1	197	<0.01	3	2	PZ_14 Campaign 4; PZ_14 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	3	<1	<1	<1	<1	<1	<1	<1
Trichloroethylene	µg/l	0.01	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethylene	µg/l	0.01	197	<0.01	31	1	GW20 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	µg/l	0.01	197	<0.01	132	1	GW20 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,2-Dichloropropane	µg/l	No WSV	197	<0.01	2	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,2-Dichloroethene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis 1,2-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans 1,3-Dichloro-1-Propene	µg/l	No WSV	197	<0.01	3	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	µg/l	0.3	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorotoluene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Assessment Criteria :	***Coastal and Estuarine EQS***																																				
CaCO	**0.00**		**0.00**	**DOC**	**0.00**																																
Calcium	**0.00**	**DOC**	**0.00**		**Catchment area**		**Freshwater not listed**																														
Constituents	**Unit**	**Generic Assessment Criteria (mg/l)**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	GW24D Campaign 4	GW24D Campaign 5	GW24D Campaign 6	Dup Campaign 4	GW24S Campaign 1	GW24S Campaign 2	GW24S Campaign 3	GW24S Campaign 4	GW24S Campaign 5	GW24S Campaign 6	PZ_6 Campaign 1	PZ_6 Campaign 2	PZ_6 Campaign 3	PZ_6 Campaign 4	PZ_6 Campaign 5	PZ_6 Campaign 6	PZ_14 Campaign 1	PZ_14 Campaign 2	PZ_14 Campaign 3	PZ_14 Campaign 4	PZ_14 Campaign 5	PZ_14 Campaign 6	PZ_16 Campaign 1	PZ_16 Campaign 2	PZ_16 Campaign 3	PZ_16 Campaign 4	PZ_16 Campaign 5	PZ_16 Campaign 6	Dup Campaign 5	
pH Value (Lab)	pH Units	No WSV	197	5.7	12.6	0		6.7	7.3	7	6.7	7.2	8.2	7.2	7.5	7.5	7.2	7	7.1	7.1	7.2	6.9	6.9	7.4	7.9	7.7	7.5	7.5	7.5	7.8	7.1	6.9	7	6.5	6.6	6.5	
pH Value (Field)	pH Units	No WSV	155	5.6	12.6	0		6.9	6.7	7.5	6.9	-	7.4	7.1	6.9	7.1	7.5	-	7.2	7.3	6.9	7.1	-	-	7.7	7.4	7.6	7.7	6.9	-	7	6.7	6.5	6.5	6.8	-	
Redox Potential (ORP)	mV	No WSV	155	-363	145	0		-135	-165	-228	-135	-	-138	-164	-189	-196	-231	-	-143	-196	-184	-194	-	-	20	-104	-3	28	57	-	-109	-91	-152	-151	-152	-	
DO	%	No WSV	155	1	102	0		66	2	1	66	-	2	4	2	4	1	-	4	4	17	3	-	-	43	48	34	25	58	-	5	2	7	3	2	-	
o-Cymene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,4-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,2-Dibromo-3-chloropropane	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Hexachlorobutadiene	µg/l	0.0006	197	<0.01	1	1	GW11S1 Campaign 6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,2,3-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,2,4-Trichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,3-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,2-Dichlorobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Bromochloromethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Dibromethane	µg/l	No WSV	197	<0.01	1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Bromobenzene	µg/l	No WSV	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Bromodichloromethane	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Dibromochloromethane	µg/l	N/A	197	<0.01	<1	0		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
PCB28	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
PCB52	µg/l	No WSV	197	<0.01	0.17	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
PCB101	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
PCB118	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
PCB138	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
PCB153	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
PCB180	µg/l	No WSV	197	0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Total PCB	µg/l	No WSV	197	<0.01	0.17	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH		N/A	6.5-9.5	171	6.5	1100	1	BP6, 165546, 17.6m
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0	
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0	
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0	
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0	
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0	
Chloride	mg/l	1.0	250	171	<1	9500	39	C3D, 69228, 16.7m; GW12, 69229, 12m; C4D, 72189, 15.98m; PZ21, 72758, 7.1m; P14, 60017, 1.5m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; P8, 61416, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C3D, 62522, 17m; C4D, 62523, 15.3m; C3D, 152242, 16.7m; C3S, 152243, 4.9m; P8, 152748, 1.5m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; P14, 166089, 1.43m; C3D, 168450, 17m; GW12, 169668, 10.5m; GR9, 657922, 13m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C4D, 660711, 10m; C2D, 660713, 10m; C3S, 660714, 5m; GW6S, 660717, 4m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; P14, 838906, 1.5m
Ammoniacal Nitrogen	mg/l	0.050	0.39	171	0.019	16	26	P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Ammonium	mg/l	0.050	0.5	171	<0.01	20	55	GW12, 69229, 12m; P12, 69877, 1.5m; C2D, 71194, 16.61m; BP23, 72187, 9.33m; C4S, 72188, 4.4m; C4D, 72189, 15.98m; BP27, 72190, 14.82m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; 72756, GW20, WATERm; 72757, GW16D, WATERm; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; PZ16, 62157, 24.6m; P8, 61416, 1.5m; P15, 61930, 1.5m; P3, 61931, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; C3S, 152243, 4.9m; P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; CPB14, 194411, 15.5m; SD6, 205954, 17m; BP9, 284627, 16.2m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Nitrite	mg/l	0.020	0.5	171	0.02	0.96	1	SD8, 205955, 17m
Nitrate	mg/l	0.50	50	171	<0.5	220	74	C1S, 70795, 4.39m; BP12, 70797, 16m; BP23, 72187, 9.33m; BP27, 72190, 14.82m; 72754, GW3, WATERm; 72755, GW2, WATERm; BP6, 93535, 17.8m; BP7, 93536, 18m; BP9, 93537, 17.8m; BP27, 93538, 15.93m; BP28, 93539, 14.5m; BP6, 132764, 17.6m; BP7, 132765, 17.68m; BP9, 132766, 16.2m; BP27, 132767, 15.5m; BP28, 132768, 14.5m; C7, 132769, 17.2m; BP23, 152749, 9.5m; BP27, 152750, 15m; BP28, 152751, 14.5m; C7, 152752, 17m; BP12, 155738, 10.54m; P15, 155773, 1.4m; BP7, 165547, 17.7m; BP9, 165548, 16.25m; GW2, 168447, 14m; GW3, 168448, 12.5m; GW20, 169384, 6m; CPB13, 194410, 15.5m; CPB14, 194411, 15.5m; SD8, 205955, 17m; BP7, 205957, 18m; BP9, 205958, 15m; BP27, 205959, 15m; BP28, 205960, 14.5m; C7, 205961, 17m; BP9, 243746, 16.15m; C7, 243747, 16.66m; BP27, 243748, 16.05m; BP28, 243749, 14.33m; BP6, 244097, 17.7m; BP7, 244098, 17.95m; BP27, 284622, 15.4m; BP28, 284623, 14.4m; C7, 284624, 16.8m; BP6, 284625, 17.75m; BP7, 284626, 17.6m; BP9, 284627, 16.2m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; BP28, 324599, 15.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; GW2, 657930, 15m; GW3, 657931, 12m; C7, 657972, 16m; BP28, 657973, 13m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1s, 660703, 4m; GR11, 843062, 9m; BP23, 838896, 9.3m; C1S, 838898, 4.5m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0	
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0	
Sulphate	mg/l	1.0	250	171	<1	1400	1	PZ16, 62157, 24.6m
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0	
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0	
Calcium	mg/l	5.0	N/A	171	<5	2300	0	
Potassium	mg/l	0.50	N/A	171	<0.5	39	0	
Magnesium	mg/l	0.50	N/A	171	0.98	490	0	
Sodium	mg/l	0.50	200	171	0.66	2100	19	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C4D, 62523, 15.3m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C3S, 660714, 5m; GW9D, 843061, 6m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m
Arsenic (Dissolved)	mg/l	0.001	0.01	171	0.001	0.067	11	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; GW6S, 660717, 4m
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0	
Cadmium (Dissolved)	mg/l	0.00008	0.005	171	<0.00008	0.0006	0	
Chromium (Dissolved)	mg/l	0.001	0.05	171	0.001	0.067	2	P12, 69877, 1.5m; C4D, 155737, 18m
Copper (Dissolved)	mg/l	0.001	2	171	0.001	0.076	0	

Location	C3S	C3D	GW12	P12	C1S	C1D	BP12	C2D	C2S	BP23	C4S	C4D	BP27	PZ21	72754	72755	72756	72757	P1	P14	P12	PZ16	P13
Sample ID	69227	69228	69229	69877	70795	70796	70797	71194	71195	72187	72188	72189	72190	72758	GW3	GW2	GW20	GW16D	60016	60017	60018	62157	61414
Depth	4.6m	16.7m	12m	1.5m	4.39m	18.39m	16m	16.61m	4.42m	9.33m	4.4m	15.98m	14.82m	7.1m	WATERm	WATERm	WATERm	WATERm	1.5m	1.5m	1.5m	24.6m	1.5m
Date	12-Nov-14	12-Nov-14	12-Nov-14	13-Nov-14	17-Nov-14	17-Nov-14	17-Nov-14	18-Nov-14	18-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	16-Oct-14	16-Oct-14	16-Oct-14	20-Oct-14	21-Oct-14
Strata	Crag	Crag	Made Ground	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Peat	Peat	Peat	Crag	Peat
Zone																							
pH	7.7	7.8	7.4	8	8.5	7.6	7.4	7.4	7.5	6.8	7.6	7.7	7	7.8	7.9	7.4	7.8	8.2	7.7	7.6	8.2	7.8	7.6
Electrical Conductivity	270	2000	9200	360	650	820	740	1000	690	680	180	4100	920	1300	890	560	390	560	920	1500	440	24000	750
Suspended Solids At 105C	4100	4300	150	15	34	140	13	910	910	73	210	97	120	14	12	<5	47	<5	44	<5	8	240	1400
Biochemical Oxygen Demand Low Level	1	2	3	11	<1	10	17	32	19	<1	<1	<1	1	14	12	11	16	15	<1	<1	4	<1	<1
Chemical Oxygen Demand Low Level	11	15	86	57	14	10	17	37	25	17	6	72	650	15	11	12	18	9	41	90	83	76	8
Alkalinity (Total)	170	110	930	140	82	350	210	420	90	91	45	150	170	240	180	80	160	220	400	460	150	160	75
Chloride	66	700	3100	38	130	40	41	84	120	55	24	1500	65	340	110	49	21	50	170	320	38	9500	220
Ammoniacal Nitrogen																							
Ammonium	0.14	0.21	13	6.4	0.054	0.11	0.049	0.9	0.36	5.8	7.1	9.2	9.2	4.6	8.8	14	6.5	4.6	0.79	0.64	1.5	5.2	0.022
Nitrite																							
Nitrate	4.4	<0.5	<0.5	<0.5	66	<0.5	70	<0.5	9.1	150	12	<0.5	140	19	150	150	21	1.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phosphate																							
Phosphorus (Total)																							
Sulphate	15	31	<1	11	5.7	47	61	38	96	51	28	54	64	28	95	98	25	51	<1	<1	63	1400	1.6
Total Oxidised Nitrogen																							
Cyanide (Free) Low-Level	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	67	310	110	52	80	140	110	100	99	90	9.7	610	100	140	140	80	62	82	96	150	51	1500	90
Potassium	13	6.1	6.7	1.7	2.6	6.4	11	10	3.6	4.7	3.5	17	32	6.2	4.5	3.8	4.1	1.5	1.7	10	1.8	32	9.4
Magnesium	10	22	6.4	3.2	8.2	9	7	25	9.8	9.5	4.6	42	8.1	11	23	23	10	6.9	9.9	13	4.5	490	25
Sodium	30	120	2100	19	52	34	27	90	73	25	23	280	35	170	39	19	12	41	62	99	22	1100	44
Arsenic (Dissolved)	0.0023	0.0029	0.012	0.0054	<0.001	0.0015	<0.001	0.0071	0.0025	<0.001	<0.001	0.012	<0.001	0.0011	<0.001	<0.001	<0.001	0.0011	<0.001	<0.001	<0.001	0.057	0.001
Boron (Dissolved)	0.096	<0.02	0.82	0.72	0.024	0.04	0.02	0.52	0.69	<0.02	<0.02	<0.02	0.076	0.02	0.029	0.026	0.053	0.041	0.091	0.025	0.052	0.11	0.91
Cadmium (Dissolved)	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	0.0025	0.0066	0.035	0.067	0.0033	<0.001	0.0017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0021	0.0024	0.0013	<0.001	0.0013	<0.001	<0.001	<0.001	0.045	<0.001
Copper (Dissolved)	0.0015	<0.001	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0016	<0.001	<0.001	0.0013	<0.001	<0.001	0.0015	<0.001	0.03	<0.001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Location	C3S	C3D	GW12	P12	C1S	C1D	BP12	C2D	C2S	BP23	C4S	C4D	BP27	PZ21	72754	72755	72756	72757	P1	P14	P12	PZ16	P13
									Sample ID	69227	69228	69229	69877	70795	70796	70797	71194	71195	72187	72188	72189	72190	72758	GW3	GW2	GW20	GW16D	60016	60017	60018	62157	61414
									Depth	4.6m	16.7m	12m	1.5m	4.39m	18.39m	16m	16.61m	4.42m	9.33m	4.4m	15.98m	14.82m	7.1m	WATERm	WATERm	WATERm	WATERm	1.5m	1.5m	1.5m	24.6m	1.5m
									Date	12-Nov-14	12-Nov-14	12-Nov-14	13-Nov-14	17-Nov-14	17-Nov-14	17-Nov-14	18-Nov-14	18-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	16-Oct-14	16-Oct-14	16-Oct-14	20-Oct-14	21-Oct-14
									Strata	Crag	Crag	Made Ground	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Peat	Peat	Peat	Crag	Peat
									Zone																							
Manganese (Dissolved)	mg/l	0.001	0.05	171	0.001	5.3	37	SD7, 194412, 19.9m; SD3, 205953, 15m; SD6, 205954, 17m; SD8, 205955, 17m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; P14, 657948, 1.4m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C1d, 660702, 7m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; P14, 838906, 1.5m																								
Nickel (Dissolved)	mg/l	0.001	0.02	171	0.001	0.03	1	C4D, 155737, 18m		0.0037	0.0062	0.0015	0.0012	<0.001	0.0015	<0.001	0.003	0.0031	<0.001	0.0012	0.0066	<0.001	<0.001	0.0011	0.0093	<0.001	<0.001	<0.001	0.0011	<0.001	<0.001	<0.001
Lead (Dissolved)	mg/l	0.001	0.01	171	<0.001	0.0071	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	3	171	<0.001	0.49	0			0.0086	0.0023	0.004	0.0043	<0.001	0.0026	0.0033	0.0023	0.0066	0.0076	0.0034	0.005	0.0053	0.018	0.0093	0.013	0.0079	0.006	<0.001	<0.001	<0.001	0.04	0.0027
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.000024	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	0.2	171	0.02	18	68	P12, 69877, 1.5m; C1D, 70796, 18.39m; C2S, 71195, 4.42m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P8, 61416, 1.5m; P3, 61931, 1.5m; C35, 62521, 4.94m; C3D, 62522, 17m; C4D, 62523, 15.3m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; P13, 152241, 1.5m; C3D, 152242, 16.7m; P8, 152748, 1.5m; BP27, 152750, 15m; C7, 152752, 17m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD6, 205954, 17m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; GW3, 657931, 12m; C7, 657972, 16m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1d, 660702, 7m; C1s, 660703, 4m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ21, 662068, 7m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m		0.05	<0.02	0.04	1.5	<0.02	1.1	<0.02	0.13	0.61	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.06	<0.02	<0.02	1.5	1.1	1.7	<0.02	<0.02
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0																									
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0																									
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00001	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	0.0005	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.005	<0.005
Trichloromethane	mg/l	0.001	See Trihalomethanes	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	N/A	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.004	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.001	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.003	171	<0.002	<0.002	0			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	0.04	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	See Trihalomethanes	171	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.7	171	<0.001	0.0019	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0019	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	N/A	171	<0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	See Trihalomethanes	171	<0.01	<0.01	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	0.0004	171	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria :	*Drinking Water Standard England and Wales/WHO*		
CaCO (mg/l): 0.00	**pH** 0.00		
Calcium (mg/l): 0.00	**DOC (mg/l)** 0.00	**Catchment area:**	Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0	
Styrene	mg/l	0.001	0.02	171	<0.001	<0.001	0	
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0	
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,4-Dichlorobenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0	
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,2-Dichlorobenzene	mg/l	0.001	1	171	<0.001	<0.001	0	
1,2-Dibromo-3-Chloropropane	mg/l	0.05	0.001	171	<0.05	<0.05	0	
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0	
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0	
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Phenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0	
2-Chlorophenol	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0	
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
1,4-Dichlorobenzene	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0	
1,2-Dichlorobenzene	mg/l	0.0005	1	171	<0.0005	<0.0005	0	
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4-Dichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Naphthalene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0	
4-Chloro-3-Methylphenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4,6-Trichlorophenol	mg/l	0.0005	0.2	171	<0.0005	<0.0005	0	
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Acenaphthylene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
Dimethylphthalate	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Acenaphthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Fluorene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0	
Pentachlorophenol	mg/l	0.0005	0.009	171	<0.0005	<0.0005	0	
Phenanthrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Fluoranthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
Pyrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[a]anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
Chrysene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[b]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0	
Benzo[k]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0	
Benzo[a]pyrene	mg/l	0.0005	0.00001	171	<0.0005	<0.0005	0	
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0	
Dibenz(a,h)Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0	
Benzo[g,h,i]perylene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0	
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 101			No WSV	171	<0.01	<0.01	0	
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	

Location	C3S	C3D	GW12	P12	C1S	C1D	BP12	C2D	C2S	BP23	C4S	C4D	BP27	PZ21	72754	72755	72756	72757	P1	P14	P12	PZ16	P13
Sample ID	69227	69228	69229	69877	70795	70796	70797	71194	71195	72187	72188	72189	72190	72758	GW3	GW2	GW20	GW16D	60016	60017	60018	62157	61414
Depth	4.6m	16.7m	12m	1.5m	4.39m	18.39m	16m	16.61m	4.42m	9.33m	4.4m	15.98m	14.82m	7.1m	WATERm	WATERm	WATERm	WATERm	1.5m	1.5m	1.5m	24.6m	1.5m
Date	12-Nov-14	12-Nov-14	12-Nov-14	13-Nov-14	17-Nov-14	17-Nov-14	17-Nov-14	18-Nov-14	18-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	16-Oct-14	16-Oct-14	16-Oct-14	20-Oct-14	21-Oct-14
Strata	Crag	Crag	Made Ground	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Peat	Peat	Peat	Crag	Peat
Zone																							
o-Xylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine																							
Phenol																							
2-Chlorophenol																							
Bis-(2-Chloroethyl)Ether																							
1,3-Dichlorobenzene																							
1,4-Dichlorobenzene																							
1,2-Dichlorobenzene																							
2-Methylphenol (o-Cresol)																							
Bis(2-Chloroisopropyl)Ether																							
Hexachloroethane																							
N-Nitrosodi-n-propylamine																							
4-Methylphenol																							
Nitrobenzene																							
Isophorone																							
2-Nitrophenol																							
2,4-Dimethylphenol																							
Bis(2-Chloroethoxy)Methane																							
2,4-Dichlorophenol																							
1,2,4-Trichlorobenzene																							
Naphthalene																							
4-Chloroaniline																							
Hexachlorobutadiene																							
4-Chloro-3-Methylphenol																							
2-Methylnaphthalene																							
Hexachlorocyclopentadiene																							
2,4,6-Trichlorophenol																							
2,4,5-Trichlorophenol																							
2-Chloronaphthalene																							
2-Nitroaniline																							
Acenaphthylene																							
Dimethylphthalate																							
2,6-Dinitrotoluene																							
Acenaphthene																							
3-Nitroaniline																							
Dibenzofuran																							
4-Chlorophenylphenylether																							
2,4-Dinitrotoluene																							
Fluorene																							
Diethyl Phthalate																							
4-Nitroaniline																							
2-Methyl-4,6-Dinitrophenol																							
Azobenzene																							
4-Bromophenylphenyl Ether																							
Hexachlorobenzene																							
Pentachlorophenol																							
Phenanthrene																							
Anthracene																							
Carbazole																							
Di-N-Butyl Phthalate																							
Fluoranthene																							
Pyrene																							
Butylbenzyl Phthalate																							
Benzo[a]anthracene																							
Chrysene																							
Bis(2-Ethylhexyl)Phthalate																							
Di-N-Octyl Phthalate																							
Benzo[b]fluoranthene																							
Benzo[k]fluoranthene																							
Benzo[a]pyrene																							
Indeno(1,2,3-c,d)Pyrene																							
Dibenz(a,h)Anthracene																							
Benzo[g,h,i]perylene																							
4-Nitrophenol																							
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81																							
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77																							
PCB 101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB 105																							
PCB 90+101																							
PCB 114																							
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118																							
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123																							
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126																							
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Strata	Zone
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0			
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0			
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0			
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0			
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0			
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0			
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0			
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0			
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0			
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0			
Boron (Total)	mg/l	0.02	1	171	0.02	0.21	0			
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0			
Chromium (Total)	mg/l	0.001	0.05	171	0.001	0.02	0			
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0			
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0			
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0			
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0			
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0			
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0			
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0			
Chromium (Hexavalent)	mg/l	0.02	See Total Chromium	171	0.001	<0.02	0			

Location	C3S	C3D	GW12	P12	C1S	C1D	BP12	C2D	C2S	BP23	C4S	C4D	BP27	PZ21	72754	72755	72756	72757	P1	P14	P12	PZ16	P13
Sample ID	69227	69228	69229	69877	70795	70796	70797	71194	71195	72187	72188	72189	72190	72758	GW3	GW2	GW20	GW16D	60016	60017	60018	62157	61414
Depth	4.6m	16.7m	12m	1.5m	4.39m	18.39m	16m	16.61m	4.42m	9.33m	4.4m	15.98m	14.82m	7.1m	WATERm	WATERm	WATERm	WATERm	1.5m	1.5m	1.5m	24.6m	1.5m
Date	12-Nov-14	12-Nov-14	12-Nov-14	13-Nov-14	17-Nov-14	17-Nov-14	17-Nov-14	18-Nov-14	18-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	16-Oct-14	16-Oct-14	16-Oct-14	20-Oct-14	21-Oct-14
Strata	Crag	Crag	Made Ground	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Peat	Peat	Peat	Crag	Peat
Zone																							
PCB 156																							
PCB 157																							
PCB 167																							
PCB 169																							
PCB 189																							
Total PCBs (12 Congeners)																							
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)																							
Arsenic (Total)																							
Boron (Total)																							
Cadmium (Total)																							
Chromium (Total)																							
Copper (Total)																							
Iron (Total)																							
Manganese (Total)																							
Nickel (Total)																							
Lead (Total)																							
Zinc (Total)																							
Chromium (Trivalent)																							
Chromium (Hexavalent)																							

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH		N/A	6.5-9.5	171	6.5	1100	1	BP6, 165546, 17.6m
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0	
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0	
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0	
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0	
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0	
Chloride	mg/l	1.0	250	171	<1	9500	39	C3D, 69228, 16.7m; GW12, 69229, 12m; C4D, 72189, 15.98m; PZ21, 72758, 7.1m; P14, 60017, 1.5m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; P8, 61416, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C3D, 62522, 17m; C4D, 62523, 15.3m; C3D, 152242, 16.7m; C3S, 152243, 4.9m; P8, 152748, 1.5m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; P14, 166089, 1.43m; C3D, 168450, 17m; GW12, 169668, 10.5m; GR9, 657922, 13m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C4D, 660711, 10m; C2D, 660713, 10m; C3S, 660714, 5m; GW6S, 660717, 4m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; P14, 838906, 1.5m
Ammoniacal Nitrogen	mg/l	0.050	0.39	171	0.019	16	26	P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Ammonium	mg/l	0.050	0.5	171	<0.01	20	55	GW12, 69229, 12m; P12, 69877, 1.5m; C2D, 71194, 16.61m; BP23, 72187, 9.33m; C4S, 72188, 4.4m; C4D, 72189, 15.98m; BP27, 72190, 14.82m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; 72756, GW20, WATERm; 72757, GW16D, WATERm; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; PZ16, 62157, 24.6m; P8, 61416, 1.5m; P15, 61930, 1.5m; P3, 61931, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; C3S, 152243, 4.9m; P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; CPB14, 194411, 15.5m; SD6, 205954, 17m; BP9, 284627, 16.2m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Nitrite	mg/l	0.020	0.5	171	0.02	0.96	1	SD8, 205955, 17m
Nitrate	mg/l	0.50	50	171	<0.5	220	74	C1S, 70795, 4.39m; BP12, 70797, 16m; BP23, 72187, 9.33m; BP27, 72190, 14.82m; 72754, GW3, WATERm; 72755, GW2, WATERm; BP6, 93535, 17.8m; BP7, 93536, 18m; BP9, 93537, 17.8m; BP27, 93538, 15.93m; BP28, 93539, 14.5m; BP6, 132764, 17.6m; BP7, 132765, 17.68m; BP9, 132766, 16.2m; BP27, 132767, 15.5m; BP28, 132768, 14.5m; C7, 132769, 17.2m; BP23, 152749, 9.5m; BP27, 152750, 15m; BP28, 152751, 14.5m; C7, 152752, 17m; BP12, 155738, 10.54m; P15, 155773, 1.4m; BP7, 165547, 17.7m; BP9, 165548, 16.25m; GW2, 168447, 14m; GW3, 168448, 12.5m; GW20, 169384, 6m; CPB13, 194410, 15.5m; CPB14, 194411, 15.5m; SD8, 205955, 17m; BP7, 205957, 18m; BP9, 205958, 15m; BP27, 205959, 15m; BP28, 205960, 14.5m; C7, 205961, 17m; BP9, 243746, 16.15m; C7, 243747, 16.66m; BP27, 243748, 16.05m; BP28, 243749, 14.33m; BP6, 244097, 17.7m; BP7, 244098, 17.95m; BP27, 284622, 15.4m; BP28, 284623, 14.4m; C7, 284624, 16.8m; BP6, 284625, 17.75m; BP7, 284626, 17.6m; BP9, 284627, 16.2m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; BP28, 324599, 15.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; GW2, 657930, 15m; GW3, 657931, 12m; C7, 657972, 16m; BP28, 657973, 13m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1s, 660703, 4m; GR11, 843062, 9m; BP23, 838896, 9.3m; C1S, 838898, 4.5m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0	
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0	
Sulphate	mg/l	1.0	250	171	<1	1400	1	PZ16, 62157, 24.6m
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0	
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0	
Calcium	mg/l	5.0	N/A	171	<5	2300	0	
Potassium	mg/l	0.50	N/A	171	<0.5	39	0	
Magnesium	mg/l	0.50	N/A	171	0.98	490	0	
Sodium	mg/l	0.50	200	171	0.66	2100	19	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C4D, 62523, 15.3m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C3S, 660714, 5m; GW9D, 843061, 6m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m
Arsenic (Dissolved)	mg/l	0.001	0.01	171	0.001	0.067	11	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; GW6S, 660717, 4m
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0	
Cadmium (Dissolved)	mg/l	0.00008	0.005	171	<0.00008	0.0006	0	
Chromium (Dissolved)	mg/l	0.001	0.05	171	0.001	0.067	2	P12, 69877, 1.5m; C4D, 155737, 18m
Copper (Dissolved)	mg/l	0.001	2	171	0.001	0.076	0	

Constituents	P10	P8	P9	P15	P3	GW9S	GW9D	C35	C3D	C4D	C45	C2D	BP6
	61415	61416	61417	61930	61931	61932	61933	62521	62522	62523	62524	62525	93535
	1.5m	1.5m	1.5m	1.5m	1.5m	4.48m	6m	4.94m	17m	15.3m	4.4m	18.6m	17.8m
	21-Oct-14	21-Oct-14	21-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	22-Jan-15
	Peat	Peat	Peat	Peat	Peat	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag
pH	7	7.4	7.7	8	8.4	8.3	8.2	8.5	7.9	7.9	8.8	8.3	8
Electrical Conductivity	4900	1400	940	600	560	1900	1800	250	2900	2900	180	940	1100
Suspended Solids At 105C	67	38	37	66	57	130	140	110	100	72	61	250	350
Biochemical Oxygen Demand Low Level	<1	5	4	7.2	72	27	27	<1	3	3	1	1	
Chemical Oxygen Demand Low Level	19	86	23	7	72	27	27	1	10	10	10	17	
Alkalinity (Total)	55	380	380	660	240	760	760	36	77	200	40	580	240
Chloride	1700	280	80	42	38	460	410	65	980	830	26	88	87
Ammoniacal Nitrogen													
Ammonium	0.15	1.7	0.23	0.55	2.8	7.3	6.7	0.27	0.37	0.22	0.61	0.77	0.084
Nitrite													<0.02
Nitrate	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.6	<0.5	<0.5	12	<0.5	190
Phosphate													
Phosphorus (Total)													
Sulphate	6.1	18	81	<1	65	<1	<1	16	28	46	29	50	70
Total Oxidised Nitrogen													
Cyanide (Free) Low-Level	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Calcium	970	280	240	220	220	180	180	<5	430	590	5.5	150	210
Potassium	18	2.4	2.9	4.9	3.3	35	33	7.3	5.7	21	4	9.1	<0.5
Magnesium	93	24	14	9.1	9.6	44	52	5.4	28	34	5.1	23	9.6
Sodium	270	190	52	28	20	380	330	39	190	220	23	160	22
Arsenic (Dissolved)	0.01	0.0014	<0.001	<0.001	0.0079	0.037	0.003	<0.001	0.0036	0.0034	<0.001	<0.001	<0.001
Boron (Dissolved)	0.67	0.69	0.89	1.1	0.78	1.4	1.3	0.84	0.7	0.77	0.99	0.79	<0.02
Cadmium (Dissolved)	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	0.0078	<0.001	<0.001	0.0085	0.0063	0.012	0.0093	<0.001	0.0021	0.0037	<0.001	<0.001	0.0025
Copper (Dissolved)	0.0018	<0.001	<0.001	<0.001	0.0033	0.004	0.0033	<0.001	0.0013	0.0013	<0.001	<0.001	<0.001

Constituents	BP7	BP9	BP27	BP28	BP6	BP7	BP9	BP27	BP28	C7	P9	P12	P13
	93536	93537	93538	93539	132764	132765	132766	132767	132768	132769	152239	152240	152241
	18m	17.8m	15.93m	14.5m	17.6m	17.68m	16.2m	15.5m	14.5m	17.2m	1.5m	1.5m	1.5m
	22-Jan-15	22-Jan-15	21-Jan-15	21-Jan-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	10-Jun-15	10-Jun-15	10-Jun-15
	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Peat	Peat
pH	8	8.1	8.1	8.1	7.9	7.9	8.1	8	7.7	7.6	7.9	8.1	7.7
Electrical Conductivity	910	780	920	580	1100	860	810	940	540	960	960	270	640
Suspended Solids At 105C	420	56	36	51	25	21	12	8	18	23	15	<5	46
Biochemical Oxygen Demand Low Level											5.5	14	8.6
Chemical Oxygen Demand Low Level											16	31	30
Alkalinity (Total)	230	110	200	21	150	190	150	200	35	210	400	110	53
Chloride	71	68	61	59	90	63	80	75	60	86	83	31	210
Ammoniacal Nitrogen													
Ammonium	0.07	0.077	0.067	0.21	0.32	0.4	0.18	0.14	0.2	0.16	0.8	1.1	0.43
Nitrite	<0.02	<0.02	<0.02	<0.02	0.15	0.15	0.16	0.16	0.15	0.16			
Nitrate	110	130	140	120	190	99	130	150	110	150	<0.5	<0.5	<0.5
Phosphate													
Phosphorus (Total)													
Sulphate	73	68	64	58	68	64	74	67	62	99	100	14	<1
Total Oxidised Nitrogen													
Cyanide (Free) Low-Level											<0.005	<0.005	<0.005
Calcium	160	100	140	56	150	110	74	87	41	99	120	110	80
Potassium	<0.5	3.9	32	8.6	0.83	<0.5	4.1	19	7.6	1.8	10	3.2	8.6
Magnesium	5.4	14	9.3	9.9	8.2	7.8	12	6.3	10	13	12	7.2	16
Sodium	18	16	33	24	18	15	15	19	19	16	55	29	36
Arsenic (Dissolved)	<0.001	0.0013	<0.001	<0.001	0.002	0.0016	0.0034	0.0012	0.0011	0.0011	<0.001	<0.001	0.0073
Boron (Dissolved)	<0.02	0.026	0.11	0.061	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.046	0.049	0.038
Cadmium (Dissolved)	<0.00008	<0.00008	<0.00008	0.00057	<0.00008	<0.00008	<0.00008	<0.00008	0.0006	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	0.0023	0.0028	0.0017	0.0027	0.0088	0.0086	0.0079	0.006	0.0053	0.0068	0.0068	0.0059	0.0039
Copper (Dissolved)	<0.001	<0.001	<0.001	<0.001	0.0012	0.0047	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	P10	P8	P9	P15	P3	GW9S	GW9D	C35	C3D	C4D	C45	C2D	BP6	BP7	BP9	BP27	BP28	BP6	BP7	BP9	BP27	BP28	C7	P9	P12	P13
									61415	61416	61417	61930	61931	61932	61933	62521	62522	62523	62524	62525	93535	93536	93537	93538	93539	132764	132765	132766	132767	132768	132769	152239	152240	152241
									1.5m	1.5m	1.5m	1.5m	1.5m	4.48m	6m	4.94m	17m	15.3m	4.4m	18.6m	17.8m	18m	17.8m	15.93m	14.5m	17.6m	17.68m	16.2m	15.5m	14.5m	17.2m	1.5m	1.5m	1.5m
									21-Oct-14	21-Oct-14	21-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	22-Jan-15	22-Jan-15	22-Jan-15	21-Jan-15	21-Jan-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	10-Jun-15	10-Jun-15	10-Jun-15
									Peat	Peat	Peat	Peat	Peat	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Peat	Peat
Manganese (Dissolved)	mg/l	0.001	0.05	171	0.001	5.3	37	SD7, 194412, 19.9m; SD3, 205953, 15m; SD6, 205954, 17m; SD8, 205955, 17m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; P14, 657948, 1.4m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C1d, 660702, 7m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; P14, 838906, 1.5m																										
Nickel (Dissolved)	mg/l	0.001	0.02	171	0.001	0.03	1	C4D, 155737, 18m	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0031	0.0016	<0.001	<0.001	<0.001	<0.001	<0.001	0.018	<0.001	<0.001	0.001	<0.001	0.016	<0.001	<0.001	<0.001	0.0058
Lead (Dissolved)	mg/l	0.001	0.01	171	<0.001	0.0071	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	3	171	<0.001	0.49	0		0.0058	<0.001	0.0025	0.0061	0.01	0.0048	0.0039	0.011	0.0059	0.0058	0.0028	0.0035	0.0044	0.0035	0.0067	0.0034	0.015	0.0071	0.0019	0.0052	0.0031	0.014	0.004	0.0066	0.0053	0.0022
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.000013	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	0.2	171	0.02	18	68	P12, 69877, 1.5m; C1D, 70796, 18.39m; C2S, 71195, 4.42m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P8, 61416, 1.5m; P3, 61931, 1.5m; C35, 62521, 4.94m; C3D, 62522, 17m; C4D, 62523, 15.3m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; P13, 152241, 1.5m; C3D, 152242, 16.7m; P8, 152748, 1.5m; BP27, 152750, 15m; C7, 152752, 17m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD6, 205954, 17m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; GW3, 657931, 12m; C7, 657972, 16m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1d, 660702, 7m; C1s, 660703, 4m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ21, 662068, 7m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	2.9	0.33	<0.02	0.07	5.6	0.03	<0.02	0.29	0.22	1.1	1	3.6	<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.48	0.25	18
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0																											
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0														<2.5	<2.5	<2.5	<2.5	<2.5	<2	<2	<2	<2	<2	<2	7.3	14	7.9
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01												<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00001	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	0.0005	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	See Trihalomethanes	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.004	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.001	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.003	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	0.04	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	See Trihalomethanes	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.7	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	See Trihalomethanes	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	0.0004	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	P10	P8	P9	P15	P3	GW9S	GW9D	C35	C3D	C4D	C45	C2D	BP6	BP7	BP9	BP27	BP28	BP6	BP7	BP9	BP27	BP28	C7	P9	P12	P13
									61415	61416	61417	61930	61931	61932	61933	62521	62522	62523	62524	62525	93535	93536	93537	93538	93539	132764	132765	132766	132767	132768	132769	152239	152240	152241
									1.5m	1.5m	1.5m	1.5m	1.5m	4.48m	6m	4.94m	17m	15.3m	4.4m	18.6m	17.8m	18m	17.8m	15.93m	14.5m	17.6m	17.68m	16.2m	15.5m	14.5m	17.2m	1.5m	1.5m	1.5m
									21-Oct-14	21-Oct-14	21-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	22-Jan-15	22-Jan-15	22-Jan-15	21-Jan-15	21-Jan-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	10-Jun-15	10-Jun-15	10-Jun-15
									Peat	Peat	Peat	Peat	Peat	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Peat	Peat
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	0.001	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Phenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0																											
2-Chlorophenol	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0																											
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
1,4-Dichlorobenzene	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0																											
1,2-Dichlorobenzene	mg/l	0.0005	1	171	<0.0005	<0.0005	0																											
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
2,4-Dichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																											
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Naphthalene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0																											
4-Chloro-3-Methylphenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																											
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
2,4,6-Trichlorophenol	mg/l	0.0005	0.2	171	<0.0005	<0.0005	0																											
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Acenaphthylene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
Dimethylphthalate	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																											
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Acenaphthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Fluorene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0																											
Pentachlorophenol	mg/l	0.0005	0.009	171	<0.0005	<0.0005	0																											
Phenanthrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Fluoranthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
Pyrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Benzo[a]anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
Chrysene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
Benzo[b]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																											
Benzo[k]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																											
Benzo[a]pyrene	mg/l	0.0005	0.00001	171	<0.0005	<0.0005	0																											
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																											
Dibenz(a,h)Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																											
Benzo[g,h,i]perylene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																											
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																											
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																											
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																											
PCB 101			No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01												<0.01	<0.01	<0.01
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																											
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																											
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																											
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																											
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																											
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																											
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001

Assessment Criteria :	*Drinking Water Standard England and Wales/WHO*		
CaCO (mg/l): 0.00	**pH** 0.00		
Calcium (mg/l): 0.00	**DOC (mg/l)** 0.00	**Catchment area:**	**Drinking Water Standard**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0	
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0	
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0	
Boron (Total)	mg/l	0.02	1	171	0.02	0.21	0	
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0	
Chromium (Total)	mg/l	0.001	0.05	171	0.001	0.02	0	
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0	
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0	
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0	
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0	
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0	
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0	
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0	
Chromium (Hexavalent)	mg/l	0.02	See Total Chromium	171	0.001	<0.02	0	

Constituents	P10	P8	P9	P15	P3	GW9S	GW9D	C35	C3D	C4D	C45	C2D	BP6
	61415	61416	61417	61930	61931	61932	61933	62521	62522	62523	62524	62525	93535
	1.5m	1.5m	1.5m	1.5m	1.5m	4.48m	6m	4.94m	17m	15.3m	4.4m	18.6m	17.8m
	21-Oct-14	21-Oct-14	21-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	22-Jan-15
	Peat	Peat	Peat	Peat	Peat	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag
PCB 156													
PCB 157													
PCB 167													
PCB 169													
PCB 189													
Total PCBs (12 Congeners)													
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Nitrogen (Total)													
Arsenic (Total)													
Boron (Total)													
Cadmium (Total)													
Chromium (Total)													
Copper (Total)													
Iron (Total)													
Manganese (Total)													
Nickel (Total)													
Lead (Total)													
Zinc (Total)													
Chromium (Trivalent)													
Chromium (Hexavalent)													

Constituents	BP7	BP9	BP27	BP28	BP6	BP7	BP9	BP27	BP28	C7	P9	P12	P13
	93536	93537	93538	93539	132764	132765	132766	132767	132768	132769	152239	152240	152241
	18m	17.8m	15.93m	14.5m	17.6m	17.68m	16.2m	15.5m	14.5m	17.2m	1.5m	1.5m	1.5m
	22-Jan-15	22-Jan-15	21-Jan-15	21-Jan-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	10-Jun-15	10-Jun-15	10-Jun-15
	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Peat	Peat
PCB 156													
PCB 157													
PCB 167													
PCB 169													
PCB 189													
Total PCBs (12 Congeners)													
Total PCBs (7 congeners)											<0.00001	<0.00001	<0.00001
Total Phenols											<0.03	<0.03	<0.03
Nitrogen (Total)													
Arsenic (Total)													
Boron (Total)													
Cadmium (Total)													
Chromium (Total)													
Copper (Total)													
Iron (Total)													
Manganese (Total)													
Nickel (Total)													
Lead (Total)													
Zinc (Total)													
Chromium (Trivalent)													
Chromium (Hexavalent)													

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C3D	C3S	P8	BP23	BP27	BP28	C7	PZ18	C2D	C2S	GW9D	GW9S	C4S	C4D	BP12	P10	P15	P3	C1S	C1D	C1D	C1S	BP6	BP7	BP9
									152242	152243	152748	152749	152750	152751	152752	154534	154535	154536	154537	154538	155736	155737	155738	155739	155773	155774	155775	155776	165544	165545	165546	165547	165548
									16.7m	4.9m	1.5m	9.5m	15m	14.5m	17m	11.426m	16.64m	4.42m	16.36m	4.5m	4.4m	18m	10.54m	1.5m	1.4m	1.4m	4.39m	18.39m	17.3m	4.39m	17.6m	17.7m	16.25m
									10-Jun-15	10-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	17-Jun-15	17-Jun-15	17-Jun-15	17-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15
									Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Crag	Crag	Crag	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag
pH		N/A	6.5-9.5	171	6.5	1100	1	BP6, 165546, 17.6m	7.7	7.7	8.4	8.8	8.6	8.4	8.2	7.4	8.2	8.2	7.8	8.1	9	7.8	8.7	8	8.6	8.2	8.4	8.1	7.4	8.1	1100	7.6	7.6
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0		1300	1100	1400	580	930	570	980	6900	800	610	3600	1600	170	16	690	4300	620	760	650	750	810	620	1100	780	750
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0		90	21	54	830	<5	830	630	95	540	330	240	160	11	220	23	27	93	150	<5	28	93	49	340	<5	38
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0		<1	<1	12	<1	<1	2.8	1.9	2	2	1	1	4	<1	2.3	<1	4.6	<1	<1	<1	<1	4	1	<1	1	<1
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0		9	11	47	2	4	11	8	22	23	11	32	26	<1	70	<1	14	<1	<1	17	<1	8.3	5.4	1.8	6	7.3
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0		56	18	460	79	200	28	190	100	250	45	310	380	<10	130	220	25	65	380	310	390	480	110	220	240	140
Chloride	mg/l	1.0	250	171	<1	9500	39	C3D, 69228, 16.7m; GW12, 69229, 12m; C4D, 72189, 15.98m; PZ21, 72758, 7.1m; P14, 60017, 1.5m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; P8, 61416, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C3D, 62522, 17m; C4D, 62523, 15.3m; C3D, 152242, 16.7m; C3S, 152243, 4.9m; P8, 152748, 1.5m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; P14, 166089, 1.43m; C3D, 168450, 17m; GW12, 169668, 10.5m; GR9, 657922, 13m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C4D, 660711, 10m; C2D, 660713, 10m; C3S, 660714, 5m; GW6S, 660717, 4m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; P14, 838906, 1.5m	400	380	270	49	74	58	80	2400	67	110	1200	320	24	6700	55	1700	140	41	45	41	40	130	83	60	76
Ammoniacal Nitrogen	mg/l	0.050	0.39	171	0.019	16	26	P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m			1.9	0.43	0.3	0.43	0.58	0.076	0.026	0.078	5.1	3.7	0.03	0.093	0.019	0.086	0.02	0.043	0.78	0.25	0.072	0.093	0.11	0.12	0.1
Ammonium	mg/l	0.050	0.5	171	<0.01	20	55	GW12, 69229, 12m; P12, 69877, 1.5m; C2D, 71194, 16.61m; BP23, 72187, 9.33m; C4S, 72188, 4.4m; C4D, 72189, 15.98m; BP27, 72190, 14.82m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; 72756, GW20, WATERm; 72757, GW16D, WATERm; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; PZ16, 62157, 24.6m; P8, 61416, 1.5m; P15, 61930, 1.5m; P3, 61931, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; C3S, 152243, 4.9m; P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; CPB14, 194411, 15.5m; SD6, 205954, 17m; BP9, 284627, 16.2m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	0.49	0.53	2.5	0.55	0.39	0.55	0.74	0.098	0.033	0.1	6.5	4.8	0.039	0.12	0.025	0.11	0.026	0.055	1	0.32	0.093	0.12	0.14	0.15	0.13
Nitrite	mg/l	0.020	0.5	171	0.02	0.96	1	SD8, 205955, 17m			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.13	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.023	0.025	0.02	<0.02
Nitrate	mg/l	0.50	50	171	<0.5	220	74	C1S, 70795, 4.39m; BP12, 70797, 16m; BP23, 72187, 9.33m; BP27, 72190, 14.82m; 72754, GW3, WATERm; 72755, GW2, WATERm; BP6, 93535, 17.8m; BP7, 93536, 18m; BP9, 93537, 17.8m; BP27, 93538, 15.93m; BP28, 93539, 14.5m; BP6, 132764, 17.6m; BP7, 132765, 17.68m; BP9, 132766, 16.2m; BP27, 132767, 15.5m; BP28, 132768, 14.5m; C7, 132769, 17.2m; BP23, 152749, 9.5m; BP27, 152750, 15m; BP28, 152751, 14.5m; C7, 152752, 17m; BP12, 155738, 10.54m; P15, 155773, 1.4m; BP7, 165547, 17.7m; BP9, 165548, 16.25m; GW2, 168447, 14m; GW3, 168448, 12.5m; GW20, 169384, 6m; CPB13, 194410, 15.5m; CPB14, 194411, 15.5m; SD8, 205955, 17m; BP7, 205957, 18m; BP9, 205958, 15m; BP27, 205959, 15m; BP28, 205960, 14.5m; C7, 205961, 17m; BP9, 243746, 16.15m; C7, 243747, 16.66m; BP27, 243748, 16.05m; BP28, 243749, 14.33m; BP6, 244097, 17.7m; BP7, 244098, 17.95m; BP27, 284622, 15.4m; BP28, 284623, 14.4m; C7, 284624, 16.8m; BP6, 284625, 17.75m; BP7, 284626, 17.6m; BP9, 284627, 16.2m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; BP28, 324599, 15.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; GW2, 657930, 15m; GW3, 657931, 12m; C7, 657972, 16m; BP28, 657973, 13m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1s, 660703, 4m; GR11, 843062, 9m; BP23, 838896, 9.3m; C1S, 838898, 4.5m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	<0.5	5.6	<0.5	93	160	120	160	<0.5	<0.5	19	<0.5	<0.5	14	<0.5	66	<0.5	61	<0.5	<0.5	<0.5	<0.5	6.9	29	85	140
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0				0.055	0.17	0.14	0.093	0.08	0.05	0.054	0.054	0.059	0.057	0.18	0.05	0.18	0.052	0.16	0.055	0.17	0.052	0.075	0.19	0.077	0.1	0.64
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0				<0.02	0.057	0.047	0.031	0.027	<0.02	<0.02	<0.02	<0.02	<0.02	0.06	<0.02	0.06	<0.02	0.053	<0.02	0.057	<0.02	0.025	0.063	0.026	0.033	0.21
Sulphate	mg/l	1.0	250	171	<1	1400	1	PZ16, 62157, 24.6m	35	28	25	68	60	59	94	66	11	100	10	<1	26	160	62	7	6	48	6.7	4.4	47	5.5	73	68	77
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0				<0.2	21	36	27	36	<0.2	<0.2	4.3	<0.2	<0.2	3.2	<0.2	15	<0.2	14	<0.2	<0.2	<0.2	<0.2	1.6	6.6	19	32
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	171	<5	2300	0		160	51	230	76	110	63	120	940	140	93	240	140	6.1	2300	120	550	72	130	110	130	130	76	170	130	110
Potassium	mg/l	0.50	N/A	171	<0.5	39	0		5.7	9.4	8.1	6.2	26	14	4.5	19	6.7	4.7	31	25	2.4	19	10	15	2.3	5.3	2.5	3.2	5.6	2.2	0.71	<0.5	6.2
Magnesium	mg/l	0.50	N/A	171	0.98	490	0		14	31	18	13	7.8	9.9	16	69	18	12	60	37	6.5	170	9.9	68	9	9.1	13	9.2	8.7	8.8	7.8	7.7	15
Sodium	mg/l	0.50	200	171	0.66	2100	19	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C4D, 62523, 15.3m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C3S, 660714, 5m; GW9D, 843061, 6m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m	74	170	67	29	31	31	27	440	78	71	550	240	23	1300	31	210	47	30	21	27	30	45	22	22	22
Arsenic (Dissolved)	mg/l	0.001	0.01	171	0.001	0.067	11	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; GW6S, 660717, 4m	0.0034	0.0013	0.0016	<0.001	<0.001	<0.001	<0.001	0.021	0.0028	0.0015	0.011	0.017	0.001	0.067	0.0025	0.011	0.0015	0.002	0.0034	0.0011	0.001	<0.001	<0.001	<0.001	<0.001
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0		<0.02	0.033	0.54	0.6	0.81	0.81	0.065	0.44	0.43	0.66	0.95	0.81	0.027	0.038	0.038	0.029	<0.02	0.04	0.027	0.048	0.49	0.48	0.57	0.53	0.53
Cadmium (Dissolved)	mg/l	0.00008	0.005	171	<0.00008	0.0006	0		<0.00008	0.00011	<0.00008	<0.00008	<0.00008	0.00049	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	0.05	171	0.001	0.067	2	P12, 69877, 1.5m; C4D, 155737, 18m	0.0051	0.012	0.0048	0.0013	0.0019	0.0012	0.0025	0.034	0.0079	0.0044	0.014	0.0091	0.0014	0.064	0.017	0.031	0.015	0.0081	0.0071	0.0077	0.0021	0.0034	0.0035	0.0027	0.0029
Copper (Dissolved)	mg/l	0.001	2	171	0.001	0.076	0		<0.001	0.0022	<0.001	<0.001	<0.001	<0.001	<0.001	0.0055	0.001	<0.001	0.0054	0.0029	<0.001	0.014	<0.001	0.0023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): **0.00** **pH** **0.00**

Calcium (mg/l): **0.00** **DOC (mg/l)** **0.00** **Catchment area:** **Drinking Water Standard**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C3D	C3S	P8	BP23	BP27	BP28	C7	PZ18	C2D	C2S	GW9D	GW9S	C4S	C4D	BP12	P10	P15	P3	C1S	C1D	C1D	C1S	BP6	BP7	BP9
									152242	152243	152748	152749	152750	152751	152752	154534	154535	154536	154537	154538	155736	155737	155738	155739	155773	155774	155775	155776	165544	165545	165546	165547	165548
									16.7m	4.9m	1.5m	9.5m	15m	14.5m	17m	11.426m	16.64m	4.42m	16.36m	4.5m	4.4m	18m	10.54m	1.5m	1.4m	1.4m	4.39m	18.39m	17.3m	4.39m	17.6m	17.7m	16.25m
									10-Jun-15	10-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	17-Jun-15	17-Jun-15	17-Jun-15	17-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15
									Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Crag	Crag	Crag	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag
Manganese (Dissolved)	mg/l	0.001	0.05	171	0.001	5.3	37	SD7, 194412, 19.9m; SD3, 205953, 15m; SD6, 205954, 17m; SD8, 205955, 17m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; P14, 657948, 1.4m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C1d, 660702, 7m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; P14, 838906, 1.5m																									
Nickel (Dissolved)	mg/l	0.001	0.02	171	0.001	0.03	1	C4D, 155737, 18m	<0.001	0.0068	<0.001	<0.001	<0.001	0.017	0.0014	0.0093	0.0014	0.0021	0.0037	0.0012	0.0021	0.03	0.0014	0.0017	<0.001	0.0027	0.0028	0.0031	0.001	<0.001	<0.001	<0.001	<0.001
Lead (Dissolved)	mg/l	0.001	0.01	171	<0.001	0.0071	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	3	171	<0.001	0.49	0		0.004	0.014	<0.001	<0.001	0.0012	0.0098	0.0027	0.027	0.0045	0.0059	0.0033	0.0024	0.0041	0.01	0.0043	0.0048	0.0061	0.0064	0.0052	0.0037	0.0021	<0.001	0.0019	0.0022	0.0025
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.000016	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	0.2	171	0.02	18	68	P12, 69877, 1.5m; C1D, 70796, 18.39m; C2S, 71195, 4.42m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P8, 61416, 1.5m; P3, 61931, 1.5m; C35, 62521, 4.94m; C3D, 62522, 17m; C4D, 62523, 15.3m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; P13, 152241, 1.5m; C3D, 152242, 16.7m; P8, 152748, 1.5m; BP27, 152750, 15m; C7, 152752, 17m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD6, 205954, 17m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; GW3, 657931, 12m; C7, 657972, 16m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1d, 660702, 7m; C1s, 660703, 4m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ21, 662068, 7m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	0.9	0.1	0.59	0.17	0.38	0.17	0.4	<0.02	0.02	0.04	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.06	<0.02	0.11	<0.02	<0.02	<0.02	<0.02
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0																										
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		2.9	6.2	19	6.9	5.8	3.8	<2	12	15	16	16	19	4.2	3.3	3.2	2.7	2.9	3.5	11	8.6	10	7.3	9.9	7.2	7.1
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00001	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	0.0005	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	See Trihalomethanes	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.004	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.001	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.003	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	0.04	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	See Trihalomethanes	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.7	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	See Trihalomethanes	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	0.0004	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C3D	C3S	P8	BP23	BP27	BP28	C7	PZ18	C2D	C2S	GW9D	GW9S	C4S	C4D	BP12	P10	P15	P3	C1S	C1D	C1D	C1S	BP6	BP7	BP9
									152242	152243	152748	152749	152750	152751	152752	154534	154535	154536	154537	154538	155736	155737	155738	155739	155773	155774	155775	155776	165544	165545	165546	165547	165548
									16.7m	4.9m	1.5m	9.5m	15m	14.5m	17m	11.426m	16.64m	4.42m	16.36m	4.5m	4.4m	18m	10.54m	1.5m	1.4m	1.4m	4.39m	18.39m	17.3m	4.39m	17.6m	17.7m	16.25m
									10-Jun-15	10-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	17-Jun-15	17-Jun-15	17-Jun-15	17-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15
									Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Crag	Crag	Crag	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	0.001	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Phenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0																										
2-Chlorophenol	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0																										
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
1,4-Dichlorobenzene	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0																										
1,2-Dichlorobenzene	mg/l	0.0005	1	171	<0.0005	<0.0005	0																										
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2,4-Dichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																										
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Naphthalene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0																										
4-Chloro-3-Methylphenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																										
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2,4,6-Trichlorophenol	mg/l	0.0005	0.2	171	<0.0005	<0.0005	0																										
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Acenaphthylene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
Dimethylphthalate	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																										
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Acenaphthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Fluorene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0																										
Pentachlorophenol	mg/l	0.0005	0.009	171	<0.0005	<0.0005	0																										
Phenanthrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Fluoranthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
Pyrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Benzo[a]anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
Chrysene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Benzo[b]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																										
Benzo[k]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																										
Benzo[a]pyrene	mg/l	0.0005	0.00001	171	<0.0005	<0.0005	0																										
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																										
Dibenz(a,h)Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																										
Benzo[g,h,i]perylene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																										
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																										
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																										
PCB 101			No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																										
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																										
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																										
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																										
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																										
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																										
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001

Assessment Criteria :	*Drinking Water Standard England and Wales/WHO*				
CaCO (mg/l):	**0.00**	**pH**	**0.00**		
Calcium (mg/l):	**0.00**	**DOC (mg/l)**	**0.00**	**Catchment area:**	**Drinking Water Standard**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0	
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0	
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0	
Boron (Total)	mg/l	0.02	1	171	0.02	0.21	0	
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0	
Chromium (Total)	mg/l	0.001	0.05	171	0.001	0.02	0	
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0	
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0	
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0	
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0	
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0	
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0	
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0	
Chromium (Hexavalent)	mg/l	0.02	See Total Chromium	171	0.001	<0.02	0	

Constituents	C3D	C3S	P8	BP23	BP27	BP28	C7	PZ18	C2D	C2S	GW9D	GW9S	C4S
	152242	152243	152748	152749	152750	152751	152752	154534	154535	154536	154537	154538	155736
	16.7m	4.9m	1.5m	9.5m	15m	14.5m	17m	11.426m	16.64m	4.42m	16.36m	4.5m	4.4m
	10-Jun-15	10-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	17-Jun-15
	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Crag
PCB 156													
PCB 157													
PCB 167													
PCB 169													
PCB 189													
Total PCBs (12 Congeners)													
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)													
Arsenic (Total)													
Boron (Total)													
Cadmium (Total)													
Chromium (Total)													
Copper (Total)													
Iron (Total)													
Manganese (Total)													
Nickel (Total)													
Lead (Total)													
Zinc (Total)													
Chromium (Trivalent)													
Chromium (Hexavalent)													

Constituents	C4D	BP12	P10	P15	P3	C1S	C1D	C1D	C1S	BP6	BP7	BP9
	155737	155738	155739	155773	155774	155775	155776	165544	165545	165546	165547	165548
	18m	10.54m	1.5m	1.4m	1.4m	4.39m	18.39m	17.3m	4.39m	17.6m	17.7m	16.25m
	17-Jun-15	17-Jun-15	17-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15
	Crag	Crag	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag
PCB 156												
PCB 157												
PCB 167												
PCB 169												
PCB 189												
Total PCBs (12 Congeners)												
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)												
Arsenic (Total)												
Boron (Total)												
Cadmium (Total)												
Chromium (Total)												
Copper (Total)												
Iron (Total)												
Manganese (Total)												
Nickel (Total)												
Lead (Total)												
Zinc (Total)												
Chromium (Trivalent)												
Chromium (Hexavalent)												

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Drinking Water Standard**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH		N/A	6.5-9.5	171	6.5	1100	1	BP6, 165546, 17.6m
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0	
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0	
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0	
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0	
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0	
Chloride	mg/l	1.0	250	171	<1	9500	39	C3D, 69228, 16.7m; GW12, 69229, 12m; C4D, 72189, 15.98m; PZ21, 72758, 7.1m; P14, 60017, 1.5m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; P8, 61416, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C3D, 62522, 17m; C4D, 62523, 15.3m; C3D, 152242, 16.7m; C3S, 152243, 4.9m; P8, 152748, 1.5m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; P14, 166089, 1.43m; C3D, 168450, 17m; GW12, 169668, 10.5m; GR9, 657922, 13m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C4D, 660711, 10m; C2D, 660713, 10m; C3S, 660714, 5m; GW6S, 660717, 4m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; P14, 838906, 1.5m
Ammoniacal Nitrogen	mg/l	0.050	0.39	171	0.019	16	26	P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Ammonium	mg/l	0.050	0.5	171	<0.01	20	55	GW12, 69229, 12m; P12, 69877, 1.5m; C2D, 71194, 16.61m; BP23, 72187, 9.33m; C4S, 72188, 4.4m; C4D, 72189, 15.98m; BP27, 72190, 14.82m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; 72756, GW20, WATERm; 72757, GW16D, WATERm; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; PZ16, 62157, 24.6m; P8, 61416, 1.5m; P15, 61930, 1.5m; P3, 61931, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; C3S, 152243, 4.9m; P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; CPB14, 194411, 15.5m; SD6, 205954, 17m; BP9, 284627, 16.2m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Nitrite	mg/l	0.020	0.5	171	0.02	0.96	1	SD8, 205955, 17m
Nitrate	mg/l	0.50	50	171	<0.5	220	74	C1S, 70795, 4.39m; BP12, 70797, 16m; BP23, 72187, 9.33m; BP27, 72190, 14.82m; 72754, GW3, WATERm; 72755, GW2, WATERm; BP6, 93535, 17.8m; BP7, 93536, 18m; BP9, 93537, 17.8m; BP27, 93538, 15.93m; BP28, 93539, 14.5m; BP6, 132764, 17.6m; BP7, 132765, 17.68m; BP9, 132766, 16.2m; BP27, 132767, 15.5m; BP28, 132768, 14.5m; C7, 132769, 17.2m; BP23, 152749, 9.5m; BP27, 152750, 15m; BP28, 152751, 14.5m; C7, 152752, 17m; BP12, 155738, 10.54m; P15, 155773, 1.4m; BP7, 165547, 17.7m; BP9, 165548, 16.25m; GW2, 168447, 14m; GW3, 168448, 12.5m; GW20, 169384, 6m; CPB13, 194410, 15.5m; CPB14, 194411, 15.5m; SD8, 205955, 17m; BP7, 205957, 18m; BP9, 205958, 15m; BP27, 205959, 15m; BP28, 205960, 14.5m; C7, 205961, 17m; BP9, 243746, 16.15m; C7, 243747, 16.66m; BP27, 243748, 16.05m; BP28, 243749, 14.33m; BP6, 244097, 17.7m; BP7, 244098, 17.95m; BP27, 284622, 15.4m; BP28, 284623, 14.4m; C7, 284624, 16.8m; BP6, 284625, 17.75m; BP7, 284626, 17.6m; BP9, 284627, 16.2m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; BP28, 324599, 15.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; GW2, 657930, 15m; GW3, 657931, 12m; C7, 657972, 16m; BP28, 657973, 13m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1s, 660703, 4m; GR11, 843062, 9m; BP23, 838896, 9.3m; C1S, 838898, 4.5m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0	
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0	
Sulphate	mg/l	1.0	250	171	<1	1400	1	PZ16, 62157, 24.6m
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0	
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0	
Calcium	mg/l	5.0	N/A	171	<5	2300	0	
Potassium	mg/l	0.50	N/A	171	<0.5	39	0	
Magnesium	mg/l	0.50	N/A	171	0.98	490	0	
Sodium	mg/l	0.50	200	171	0.66	2100	19	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C4D, 62523, 15.3m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C3S, 660714, 5m; GW9D, 843061, 6m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m
Arsenic (Dissolved)	mg/l	0.001	0.01	171	0.001	0.067	11	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; GW6S, 660717, 4m
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0	
Cadmium (Dissolved)	mg/l	0.00008	0.005	171	<0.00008	0.0006	0	
Chromium (Dissolved)	mg/l	0.001	0.05	171	0.001	0.067	2	P12, 69877, 1.5m; C4D, 155737, 18m
Copper (Dissolved)	mg/l	0.001	2	171	0.001	0.076	0	

Constituents	P14	GW2	GW3	C3S	C3D	P13	C2D	C2S	GW20	PZ_21	GW16D	GW12
	166089	168447	168448	168449	168450	168451	169382	169383	169384	169666	169667	169668
	1.43m	14m	12.5m	4.5m	17m	1.5m	16.5m	4.4m	6m	7m	8m	10.5m
	15-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	22-Jul-15	22-Jul-15	22-Jul-15	23-Jul-15	23-Jul-15	23-Jul-15
	Peat	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Made Ground	Made Ground
pH	7.2	7.2	7.5	6.9	7.4	7.2	7.6	7.4	7.7	8.2	8.5	8.5
Electrical Conductivity	1500	530	780	580	2700	570	840	620	750	1300	560	860
Suspended Solids At 105C	19	26	15	<5	350	800	390	290	9	6	<5	82
Biochemical Oxygen Demand Low Level	<1	<1	<1	1	<1	<1	<1	1.1	<1	7	3	9
Chemical Oxygen Demand Low Level	32	<1	3.1	2.8	8.3	38	18	1.7	1	13	8.8	34
Alkalinity (Total)	540	25	130	12	66	47	500	190	220	440	230	400
Chloride	310	47	79	200	880	190	70	130	76	240	82	320
Ammoniacal Nitrogen	0.15	0.12	0.078	0.17	0.19	0.38	0.26	0.19	0.12	0.061	0.12	2.9
Ammonium	0.19	0.16	0.1	0.22	0.24	0.49	0.34	0.25	0.15	0.078	0.15	3.7
Nitrite	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.039	0.1	0.03	0.072	<0.02	<0.02
Nitrate	<0.5	70	87	6	<0.5	<0.5	<0.5	24	150	23	4.4	<0.5
Phosphate	0.053	0.12	0.12	0.059	<0.05	<0.05	<0.05	<0.05	0.095	0.25	0.25	0.059
Phosphorus (Total)	<0.02	0.04	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	0.032	0.083	0.083	<0.02
Sulphate	<1	91	80	21	26	<1	15	100	67	48	50	42
Total Oxidised Nitrogen	<0.2	16	20	1.4	<0.2	<0.2	<0.2	5.4	34	5.2	0.99	<0.2
Cyanide (Free) Low-Level	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	200	61	130	7.7	290	55	110	42	91	120	66	78
Potassium	3.1	4.3	5.1	8.4	7	7.8	3	2.8	4.2	4.1	1.3	11
Magnesium	16	19	15	21	20	18	15	6.9	16	12	8.4	14
Sodium	92	18	28	77	150	27	58	72	23	130	35	67
Arsenic (Dissolved)	0.0024	<0.001	<0.001	<0.001	0.0046	0.0034	0.0047	0.001	<0.001	0.0012	<0.001	0.003
Boron (Dissolved)	0.034	0.63	0.45	0.62	0.59	0.4	0.051	0.036	0.029	0.046	<0.02	0.1
Cadmium (Dissolved)	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00009	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	0.011	0.0023	0.0028	0.0038	0.019	0.018	0.0027	0.0018	0.0081	0.0037	0.0014	0.0027
Copper (Dissolved)	0.0011	<0.001	<0.001	<0.001	0.0012	0.0033	<0.001	0.0016	0.0011	0.0015	<0.001	<0.001

Constituents	CPB11	CPB13	CPB14	SD7	SD3	SD6	SD8	BP6	BP7	BP9	BP27	BP28
	194409	194410	194411	194412	205953	205954	205955	205956	205957	205958	205959	205960
	18m	15.5m	15.5m	19.9m	15m	17m	17m	17m	18m	15m	15m	14.5m
	17-Sep-15	17-Sep-15	17-Sep-15	17-Sep-15	14-Oct-2015	14-Oct-2015	14-Oct-2015	13-Oct-2015	14-Oct-2015	13-Oct-2015	13-Oct-2015	13-Oct-2015
	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
pH	7.9	8.3	8.2	8.3	7.7	8.2	7.6	7.5	7.6	7.6	7.9	6.5
Electrical Conductivity	570	750	720	610	1100	540	830	1000	780	710	910	500
Suspended Solids At 105C	160	30	24	36	98	<5	10	<5	17	<5	10	<5
Biochemical Oxygen Demand Low Level												
Chemical Oxygen Demand Low Level												
Alkalinity (Total)	270	210	210	180	500	170	400	310	310	120	250	33
Chloride	27	69	71	45	83	54	48	74	61	71	74	53
Ammoniacal Nitrogen												
Ammonium	0.079	0.21	0.92	0.26	0.4	1.3	0.07	<0.01	<0.01	<0.01	0.011	<0.01
Nitrite	<0.02	<0.02	0.026	0.089	<0.02	<0.02	0.96	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate	26	120	110	47	<0.5	<0.5	55	36	67	120	130	91
Phosphate												
Phosphorus (Total)												
Sulphate	27	61	46	79	120	64	46	75	61	66	62	62
Total Oxidised Nitrogen												
Cyanide (Free) Low-Level												
Calcium	100	120	110	110	130	58	130	150	110	82	120	43
Potassium	<0.5	3.3	2	1.5	30	13	5	0.58	<0.5	4.2	25	7.8
Magnesium	3.7	6.9	5.2	5.8	12	6.5	5.2	7.6	6.1	12	6	7
Sodium	14	25	27	21	73	24	17	23	18	16	23	22
Arsenic (Dissolved)	<0.001	0.002	<0.001	0.0031	0.0024	0.0021	<0.001	<0.001	<0.001	0.0013	<0.001	<0.001
Boron (Dissolved)	0.44	0.45	0.54	0.49	0.3	0.046	0.073	0.025	0.021	0.034	0.16	0.076
Cadmium (Dissolved)	<0.00008	<0.00008	<0.00008	<0.00008	0.00015	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00014	0.00058
Chromium (Dissolved)	<0.001	<0.001	<0.001	<0.001	0.0082	0.0021	0.0026	0.009	0.0024	0.0024	0.0089	0.0078
Copper (Dissolved)	<0.001	<0.001	<0.001	<0.001	0.0043	<0.001	0.004	<0.001	<0.001	0.001	0.0012	0.002

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	P14	GW2	GW3	C3S	C3D	P13	C2D	C2S	GW20	PZ_21	GW16D	GW12	CPB11	CPB13	CPB14	SD7	SD3	SD6	SD8	BP6	BP7	BP9	BP27	BP28
									166089	168447	168448	168449	168450	168451	169382	169383	169384	169666	169667	169668	194409	194410	194411	194412	205953	205954	205955	205956	205957	205958	205959	205960
									1.43m	14m	12.5m	4.5m	17m	1.5m	16.5m	4.4m	6m	7m	8m	10.5m	18m	15.5m	15.5m	19.9m	15m	17m	17m	17m	18m	15m	15m	14.5m
									15-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	22-Jul-15	22-Jul-15	22-Jul-15	23-Jul-15	23-Jul-15	23-Jul-15	17-Sep-15	17-Sep-15	17-Sep-15	17-Sep-15	14-Oct-2015	14-Oct-2015	14-Oct-2015	13-Oct-2015	14-Oct-2015	13-Oct-2015	13-Oct-2015	13-Oct-2015
									Peat	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Made Ground	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
Manganese (Dissolved)	mg/l	0.001	0.05	171	0.001	5.3	37	SD7, 194412, 19.9m; SD3, 205953, 15m; SD6, 205954, 17m; SD8, 205955, 17m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; P14, 657948, 1.4m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C1d, 660702, 7m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; P14, 838906, 1.5m													0.016	<0.001	0.0062	0.18	0.45	0.2	0.2	0.0035	0.0044	0.0023	0.0014	0.084
Nickel (Dissolved)	mg/l	0.001	0.02	171	0.001	0.03	1	C4D, 155737, 18m	0.006	0.0082	0.0011	0.0046	0.0016	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0015	0.0012	<0.001	<0.001	0.0097	0.0016	0.0026	<0.001	<0.001	<0.001	0.0026	0.016
Lead (Dissolved)	mg/l	0.001	0.01	171	<0.001	0.0071	0		<0.001	<0.001	<0.001	<0.001	<0.001	0.0071	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0048	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	3	171	<0.001	0.49	0		0.0093	0.0075	0.0067	0.0076	0.0053	0.033	0.0029	0.025	0.0061	0.012	0.0088	0.0093	0.0025	0.0053	0.0033	0.0069	0.053	0.0047	0.011	0.0045	0.0094	0.0063	0.0027	0.0094
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	<0.00001	<0.00001	0.000037	0.000044	<0.00001	0.000017	0.000013	0.000022	<0.00001	<0.00001	<0.00001	0.00001	0.000011	0.000011	0.000011	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	0.2	171	0.02	18	68	P12, 69877, 1.5m; C1D, 70796, 18.39m; C2S, 71195, 4.42m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P8, 61416, 1.5m; P3, 61931, 1.5m; C35, 62521, 4.94m; C3D, 62522, 17m; C4D, 62523, 15.3m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; P13, 152241, 1.5m; C3D, 152242, 16.7m; P8, 152748, 1.5m; BP27, 152750, 15m; C7, 152752, 17m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD6, 205954, 17m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; GW3, 657931, 12m; C7, 657972, 16m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1d, 660702, 7m; C1s, 660703, 4m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ21, 662068, 7m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	0.06	<0.02	<0.02	<0.02	<0.02	1.7	<0.02	<0.02	<0.02	<0.02	<0.02	4.2	0.05	<0.02	<0.02	0.02	1.1	0.36	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0																									
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		9.6	6.3	5.6	6.6	5.4	4.8	8	4.9	4.2	5.1	2.8	9.4	<2	<2	<2	<2	160	45	6.6	<2	<2	<2	<2	3.3
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01												
Naphthalene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00001	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	0.0005	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	See Trihalomethanes	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.004	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.001	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.003	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	0.04	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	See Trihalomethanes	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.7	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	See Trihalomethanes	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	0.0004	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria :	***Drinking Water Standard England and Wales/WHO***				
CaCO (mg/l):	**0.00**	**pH**	**0.00**		
Calcium (mg/l):	**0.00**	**DOC (mg/l)**	**0.00**	**Catchment area:**	**Drinking Water Standard**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	P14	GW2	GW3	C3S	C3D	P13	C2D	C2S	GW20	PZ_21	GW16D	GW12	CPB11	CPB13	CPB14	SD7	SD3	SD6	SD8	BP6	BP7	BP9	BP27	BP28
									166089	168447	168448	168449	168450	168451	169382	169383	169384	169666	169667	169668	194409	194410	194411	194412	205953	205954	205955	205956	205957	205958	205959	205960
									1.43m	14m	12.5m	4.5m	17m	1.5m	16.5m	4.4m	6m	7m	8m	10.5m	18m	15.5m	15.5m	19.9m	15m	17m	17m	17m	18m	15m	15m	14.5m
									15-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	22-Jul-15	22-Jul-15	22-Jul-15	23-Jul-15	23-Jul-15	23-Jul-15	17-Sep-15	17-Sep-15	17-Sep-15	17-Sep-15	14-Oct-2015	14-Oct-2015	14-Oct-2015	13-Oct-2015	14-Oct-2015	13-Oct-2015	13-Oct-2015	13-Oct-2015
									Peat	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Made Ground	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	0.001	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Phenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0																									
2-Chlorophenol	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0																									
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
1,4-Dichlorobenzene	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0																									
1,2-Dichlorobenzene	mg/l	0.0005	1	171	<0.0005	<0.0005	0																									
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2,4-Dichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																									
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Naphthalene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0																									
4-Chloro-3-Methylphenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																									
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2,4,6-Trichlorophenol	mg/l	0.0005	0.2	171	<0.0005	<0.0005	0																									
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Acenaphthylene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
Dimethylphthalate	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																									
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Acenaphthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Fluorene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0																									
Pentachlorophenol	mg/l	0.0005	0.009	171	<0.0005	<0.0005	0																									
Phenanthrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Fluoranthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
Pyrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Benzo[a]anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
Chrysene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Benzo[b]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																									
Benzo[k]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																									
Benzo[a]pyrene	mg/l	0.0005	0.00001	171	<0.0005	<0.0005	0																									
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																									
Dibenz(a,h)Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																									
Benzo[g,h,i]perylene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																									
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																									
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																									
PCB 101			No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01												
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																									
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																									
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																									
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																									
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																									
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																									
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												

Assessment Criteria :	*Drinking Water Standard England and Wales/WHO*		
CaCO (mg/l):	**0.00**	**pH**	**0.00**
Calcium (mg/l):	**0.00**	**DOC (mg/l)**	**0.00**
Catchment area:	**Drinking Water Standard**		

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0	
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0	
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0	
Boron (Total)	mg/l	0.02	1	171	0.02	0.21	0	
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0	
Chromium (Total)	mg/l	0.001	0.05	171	0.001	0.02	0	
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0	
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0	
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0	
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0	
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0	
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0	
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0	
Chromium (Hexavalent)	mg/l	0.02	See Total Chromium	171	0.001	<0.02	0	

	P14	GW2	GW3	C3S	C3D	P13	C2D	C2S	GW20	PZ_21	GW16D	GW12
	166089	168447	168448	168449	168450	168451	169382	169383	169384	169666	169667	169668
	1.43m	14m	12.5m	4.5m	17m	1.5m	16.5m	4.4m	6m	7m	8m	10.5m
	15-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	22-Jul-15	22-Jul-15	22-Jul-15	23-Jul-15	23-Jul-15	23-Jul-15
Constituents	Peat	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Made Ground	Made Ground
PCB 156												
PCB 157												
PCB 167												
PCB 169												
PCB 189												
Total PCBs (12 Congeners)												
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)												
Arsenic (Total)												
Boron (Total)												
Cadmium (Total)												
Chromium (Total)												
Copper (Total)												
Iron (Total)												
Manganese (Total)												
Nickel (Total)												
Lead (Total)												
Zinc (Total)												
Chromium (Trivalent)												
Chromium (Hexavalent)												

	CPB11	CPB13	CPB14	SD7	SD3	SD6	SD8	BP6	BP7	BP9	BP27	BP28
	194409	194410	194411	194412	205953	205954	205955	205956	205957	205958	205959	205960
	18m	15.5m	15.5m	19.9m	15m	17m	17m	17m	18m	15m	15m	14.5m
	17-Sep-15	17-Sep-15	17-Sep-15	17-Sep-15	14-Oct-2015	14-Oct-2015	14-Oct-2015	13-Oct-2015	14-Oct-2015	13-Oct-2015	13-Oct-2015	13-Oct-2015
Constituents	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
PCB 156												
PCB 157												
PCB 167												
PCB 169												
PCB 189												
Total PCBs (12 Congeners)												
Total PCBs (7 congeners)												
Total Phenols												
Nitrogen (Total)												
Arsenic (Total)												
Boron (Total)												
Cadmium (Total)												
Chromium (Total)												
Copper (Total)												
Iron (Total)												
Manganese (Total)												
Nickel (Total)												
Lead (Total)												
Zinc (Total)												
Chromium (Trivalent)												
Chromium (Hexavalent)												

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH		N/A	6.5-9.5	171	6.5	1100	1	BP6, 165546, 17.6m
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0	
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0	
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0	
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0	
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0	
Chloride	mg/l	1.0	250	171	<1	9500	39	C3D, 69228, 16.7m; GW12, 69229, 12m; C4D, 72189, 15.98m; PZ21, 72758, 7.1m; P14, 60017, 1.5m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; P8, 61416, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C3D, 62522, 17m; C4D, 62523, 15.3m; C3D, 152242, 16.7m; C3S, 152243, 4.9m; P8, 152748, 1.5m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; P14, 166089, 1.43m; C3D, 168450, 17m; GW12, 169668, 10.5m; GR9, 657922, 13m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C4D, 660711, 10m; C2D, 660713, 10m; C3S, 660714, 5m; GW6S, 660717, 4m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; P14, 838906, 1.5m
Ammoniacal Nitrogen	mg/l	0.050	0.39	171	0.019	16	26	P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Ammonium	mg/l	0.050	0.5	171	<0.01	20	55	GW12, 69229, 12m; P12, 69877, 1.5m; C2D, 71194, 16.61m; BP23, 72187, 9.33m; C4S, 72188, 4.4m; C4D, 72189, 15.98m; BP27, 72190, 14.82m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; 72756, GW20, WATERm; 72757, GW16D, WATERm; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; PZ16, 62157, 24.6m; P8, 61416, 1.5m; P15, 61930, 1.5m; P3, 61931, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; C3S, 152243, 4.9m; P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; CPB14, 194411, 15.5m; SD6, 205954, 17m; BP9, 284627, 16.2m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Nitrite	mg/l	0.020	0.5	171	0.02	0.96	1	SD8, 205955, 17m
Nitrate	mg/l	0.50	50	171	<0.5	220	74	C1S, 70795, 4.39m; BP12, 70797, 16m; BP23, 72187, 9.33m; BP27, 72190, 14.82m; 72754, GW3, WATERm; 72755, GW2, WATERm; BP6, 93535, 17.8m; BP7, 93536, 18m; BP9, 93537, 17.8m; BP27, 93538, 15.93m; BP28, 93539, 14.5m; BP6, 132764, 17.6m; BP7, 132765, 17.68m; BP9, 132766, 16.2m; BP27, 132767, 15.5m; BP28, 132768, 14.5m; C7, 132769, 17.2m; BP23, 152749, 9.5m; BP27, 152750, 15m; BP28, 152751, 14.5m; C7, 152752, 17m; BP12, 155738, 10.54m; P15, 155773, 1.4m; BP7, 165547, 17.7m; BP9, 165548, 16.25m; GW2, 168447, 14m; GW3, 168448, 12.5m; GW20, 169384, 6m; CPB13, 194410, 15.5m; CPB14, 194411, 15.5m; SD8, 205955, 17m; BP7, 205957, 18m; BP9, 205958, 15m; BP27, 205959, 15m; BP28, 205960, 14.5m; C7, 205961, 17m; BP9, 243746, 16.15m; C7, 243747, 16.66m; BP27, 243748, 16.05m; BP28, 243749, 14.33m; BP6, 244097, 17.7m; BP7, 244098, 17.95m; BP27, 284622, 15.4m; BP28, 284623, 14.4m; C7, 284624, 16.8m; BP6, 284625, 17.75m; BP7, 284626, 17.6m; BP9, 284627, 16.2m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; BP28, 324599, 15.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; GW2, 657930, 15m; GW3, 657931, 12m; C7, 657972, 16m; BP28, 657973, 13m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1s, 660703, 4m; GR11, 843062, 9m; BP23, 838896, 9.3m; C1S, 838898, 4.5m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0	
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0	
Sulphate	mg/l	1.0	250	171	<1	1400	1	PZ16, 62157, 24.6m
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0	
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0	
Calcium	mg/l	5.0	N/A	171	<5	2300	0	
Potassium	mg/l	0.50	N/A	171	<0.5	39	0	
Magnesium	mg/l	0.50	N/A	171	0.98	490	0	
Sodium	mg/l	0.50	200	171	0.66	2100	19	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C4D, 62523, 15.3m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C3S, 660714, 5m; GW9D, 843061, 6m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m
Arsenic (Dissolved)	mg/l	0.001	0.01	171	0.001	0.067	11	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; GW6S, 660717, 4m
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0	
Cadmium (Dissolved)	mg/l	0.00008	0.005	171	<0.00008	0.0006	0	
Chromium (Dissolved)	mg/l	0.001	0.05	171	0.001	0.067	2	P12, 69877, 1.5m; C4D, 155737, 18m
Copper (Dissolved)	mg/l	0.001	2	171	0.001	0.076	0	

Constituents	C7	BP9	C7	BP27	BP28	BP6	BP7	BP27	BP28	C7	BP6
	205961	243746	243747	243748	243749	244097	244098	284622	284623	284624	284625
	17m	16.15m	16.66m	16.05m	14.33m	17.7m	17.95m	15.4m	14.4m	16.8m	17.75m
	13-Oct-2015	20-Jan-2016	20-Jan-2016	20-Jan-2016	20-Jan-2016	21-Jan-2016	21-Jan-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016
	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
pH	7.2	8.3	8.1	8.2	7.9	7.9	8	7.9	8	8	8
Electrical Conductivity	900	780	870	900	500	930	750	1100	580	1000	1100
Suspended Solids At 105C	<5	<5	9	<5	<5	200	150	97	31	190	56
Biochemical Oxygen Demand Low Level											
Chemical Oxygen Demand Low Level											
Alkalinity (Total)	210	160	210	240	27	230	230	210	31	220	210
Chloride	78	80	79	73	55	64	67	120	54	77	73
Ammoniacal Nitrogen											
Ammonium	0.025	0.15	0.099	0.075	0.067	0.093	0.11	0.2	0.22	0.28	0.28
Nitrite	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate	75	140	150	160	120	190	100	160	100	150	190
Phosphate											
Phosphorus (Total)											
Sulphate	88	72	89	63	65	92	64	59	62	97	81
Total Oxidised Nitrogen											
Cyanide (Free) Low-Level											
Calcium	120	120	160	150	55	190	190	140	54	130	170
Potassium	1.8	6	2.8	28	11	0.95	0.68	26	9.8	2.5	0.74
Magnesium	14	13	20	7.2	8.8	14	6.9	6.9	7.5	15	9.2
Sodium	19	22	27	30	30	50	30	26	23	20	28
Arsenic (Dissolved)	<0.001	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron (Dissolved)	0.031	0.032	0.49	0.55	0.6	0.023	0.02	0.058	<0.02	<0.02	<0.02
Cadmium (Dissolved)	<0.00008	<0.00008	<0.00008	<0.00008	0.00056	<0.00008	<0.00008	<0.00008	0.00032	<0.00008	<0.00008
Chromium (Dissolved)	0.0028	0.0027	0.0033	0.0024	0.002	0.0038	0.0047	<0.001	<0.001	<0.001	<0.001
Copper (Dissolved)	0.0037	<0.001	<0.001	<0.001	0.0011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Constituents	BP7	BP9	BP7	BP9	C7	BP6	BP27	BP28	CPB13	GR9
	284626	284627	324594	324595	324596	324597	324598	324599	657921	657922
	17.6m	16.2m	18m	16.5m	17m	17m	16.5m	15.5m	14m	13m
	20-Apr-2016	20-Apr-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	17-Jul-2018	17-Jul-2018
	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
pH	7.9	8.2	7.9	8.3	8.1	7.8	8.1	7.7	8.3	8
Electrical Conductivity	900	910	940	970	1100	1200	1400	620	910	1500
Suspended Solids At 105C	31	110	97	110	46	140	21	290	<5	84
Biochemical Oxygen Demand Low Level										
Chemical Oxygen Demand Low Level										
Alkalinity (Total)	220	180	240	150	200	180	220	31	170	280
Chloride	61	82	60	81	77	79	180	58	73	270
Ammoniacal Nitrogen									0.086	0.063
Ammonium	0.26	7.2	0.12	0.12	0.15	0.19	0.11	0.12	0.11	0.081
Nitrite	<0.02	<0.02	0.04	0.044	0.049	0.053	0.054	0.044	<0.02	<0.02
Nitrate	110	150	98	120	120	170	160	97	190	220
Phosphate									0.37	<0.2
Phosphorus (Total)									0.12	0.036
Sulphate	61	72	62	71	86	87	59	66	63	94
Total Oxidised Nitrogen									43	50
Cyanide (Free) Low-Level									<0.005	<0.005
Calcium	140	100	130	110	130	160	160	50	140	230
Potassium	<0.5	4.4	0.8	5.1	1.9	0.7	33	8.9	5	1.9
Magnesium	6.2	10	7.6	12	15	10	9.1	8.7	9.5	9.1
Sodium	22	18	24	21	21	30	33	25	28	85
Arsenic (Dissolved)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0026	0.0024
Boron (Dissolved)	<0.02	<0.02	<0.02	0.02	<0.02	<0.02	0.064	0.039	0.026	<0.02
Cadmium (Dissolved)	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00047	<0.00008	<0.00008
Chromium (Dissolved)	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0032	0.005
Copper (Dissolved)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0054	0.003

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C7	BP9	C7	BP27	BP28	BP6	BP7	BP27	BP28	C7	BP6	BP7	BP9	BP7	BP9	C7	BP6	BP27	BP28	CPB13	GR9
									205961	243746	243747	243748	243749	244097	244098	284622	284623	284624	284625	284626	284627	324594	324595	324596	324597	324598	324599	657921	657922
									17m	16.15m	16.66m	16.05m	14.33m	17.7m	17.95m	15.4m	14.4m	16.8m	17.75m	17.6m	16.2m	18m	16.5m	17m	17m	16.5m	15.5m	14m	13m
									13-Oct-2015	20-Jan-2016	20-Jan-2016	20-Jan-2016	20-Jan-2016	21-Jan-2016	21-Jan-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	17-Jul-2018	17-Jul-2018
									Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
Manganese (Dissolved)	mg/l	0.001	0.05	171	0.001	5.3	37	SD7, 194412, 19.9m; SD3, 205953, 15m; SD6, 205954, 17m; SD8, 205955, 17m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; P14, 657948, 1.4m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C1d, 660702, 7m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; P14, 838906, 1.5m	0.0068	0.0014	0.0022	0.0024	0.085	<0.001	<0.001	0.0012	0.049	0.0041	0.0016	0.0013	<0.001	0.0016	0.0027	0.001	0.0039	<0.001	0.069	<0.001	0.0011
Nickel (Dissolved)	mg/l	0.001	0.02	171	0.001	0.03	1	C4D, 155737, 18m	<0.001	<0.001	0.0011	<0.001	0.015	<0.001	<0.001	<0.001	0.0084	0.0011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.012	<0.001	<0.001
Lead (Dissolved)	mg/l	0.001	0.01	171	<0.001	0.0071	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	3	171	<0.001	0.49	0		0.012	0.0034	0.0049	0.0034	0.0096	0.0043	0.0027	<0.001	0.0036	0.01	0.006	0.0032	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0023	0.0011	0.0057
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	0.00001	<0.00001	0.00001	0.00001	0.00001	0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.000024	0.000015	0.000063	<0.00001	0.000046	0.000019	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	0.2	171	0.02	18	68	P12, 69877, 1.5m; C1D, 70796, 18.39m; C2S, 71195, 4.42m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P8, 61416, 1.5m; P3, 61931, 1.5m; C35, 62521, 4.94m; C3D, 62522, 17m; C4D, 62523, 15.3m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; P13, 152241, 1.5m; C3D, 152242, 16.7m; P8, 152748, 1.5m; BP27, 152750, 15m; C7, 152752, 17m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD6, 205954, 17m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; GW3, 657931, 12m; C7, 657972, 16m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1d, 660702, 7m; C1s, 660703, 4m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ21, 662068, 7m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.29	0.23	0.24	0.29	0.31	0.096	0.4	0.74
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0															7.5	3.3	4.4	3.5	4.4	6.1	9.2	7.3
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		2.5	5.3	6.4	7.1	9.5	6.3	<2	16	19	16	16	16	16	11	4.3	4.6	4.3	4.7	6.7	9.9	8.4
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0																					<0.01	<0.01
Naphthalene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Acenaphthylene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Acenaphthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Fluorene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Phenanthrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Fluoranthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Pyrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Benzo[a]anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Chrysene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Benzo[b]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Benzo[k]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Benzo[a]pyrene	mg/l	0.0001	0.00001	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Dibenz(a,h)Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Benzo[g,h,i]perylene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	0.0005	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	See Trihalomethanes	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.004	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.001	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.003	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	0.04	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	See Trihalomethanes	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.7	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	See Trihalomethanes	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	0.0004	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C7	BP9	C7	BP27	BP28	BP6	BP7	BP27	BP28	C7	BP6	BP7	BP9	BP7	BP9	C7	BP6	BP27	BP28	CPB13	GR9
									205961	243746	243747	243748	243749	244097	244098	284622	284623	284624	284625	284626	284627	324594	324595	324596	324597	324598	324599	657921	657922
									17m	16.15m	16.66m	16.05m	14.33m	17.7m	17.95m	15.4m	14.4m	16.8m	17.75m	17.6m	16.2m	18m	16.5m	17m	17m	16.5m	15.5m	14m	13m
									13-Oct-2015	20-Jan-2016	20-Jan-2016	20-Jan-2016	20-Jan-2016	21-Jan-2016	21-Jan-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	17-Jul-2018	17-Jul-2018
									Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	0.001	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Phenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0																						
2-Chlorophenol	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0																						
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
1,4-Dichlorobenzene	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0																						
1,2-Dichlorobenzene	mg/l	0.0005	1	171	<0.0005	<0.0005	0																						
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2,4-Dichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																						
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Naphthalene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0																						
4-Chloro-3-Methylphenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																						
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2,4,6-Trichlorophenol	mg/l	0.0005	0.2	171	<0.0005	<0.0005	0																						
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Acenaphthylene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
Dimethylphthalate	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																						
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Acenaphthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Fluorene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0																						
Pentachlorophenol	mg/l	0.0005	0.009	171	<0.0005	<0.0005	0																						
Phenanthrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Fluoranthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
Pyrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Benzo[a]anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
Chrysene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Benzo[b]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																						
Benzo[k]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																						
Benzo[a]pyrene	mg/l	0.0005	0.00001	171	<0.0005	<0.0005	0																						
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																						
Dibenz(a,h)Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																						
Benzo[g,h,i]perylene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																						
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 101			No WSV	171	<0.01	<0.01	0																						
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C7	BP9	C7	BP27	BP28	BP6	BP7	BP27	BP28	C7	BP6	BP7	BP9	BP7	BP9	C7	BP6	BP27	BP28	CPB13	GR9
									205961	243746	243747	243748	243749	244097	244098	284622	284623	284624	284625	284626	284627	324594	324595	324596	324597	324598	324599	657921	657922
									17m	16.15m	16.66m	16.05m	14.33m	17.7m	17.95m	15.4m	14.4m	16.8m	17.75m	17.6m	16.2m	18m	16.5m	17m	17m	16.5m	15.5m	14m	13m
									13-Oct-2015	20-Jan-2016	20-Jan-2016	20-Jan-2016	20-Jan-2016	21-Jan-2016	21-Jan-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	17-Jul-2018	17-Jul-2018
									Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0																					<0.03	<0.03
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0																					39	45
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0																					0.0028	0.0025
Boron (Total)	mg/l	0.02	1	171	0.02	0.21	0																					0.028	0.02
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0																					<0.00008	<0.00008
Chromium (Total)	mg/l	0.001	0.05	171	0.001	0.02	0																					0.0032	0.0055
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0																					0.0054	0.0035
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0																					0.41	0.76
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0																					<0.001	0.001
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0																					<0.001	<0.001
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0																					<0.001	<0.001
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0																					0.0011	0.0056
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0																					<0.02	<0.02
Chromium (Hexavalent)	mg/l	0.02	See Total Chromium	171	0.001	<0.02	0																					<0.02	<0.02

Assessment Criteria :	*Drinking Water Standard England and Wales/WHO*							
CaCO (mg/l):	**0.00**		**pH**	**0.00**				
Calcium (mg/l):	**0.00**		**DOC (mg/l)**	**0.00**			**Catchment area:**	**Drinking Water Standard**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	BP6	BP7	P14	PIEZ 1A	PIEZ 1B	P15	GW2	GW3	C7	BP28	GR11	GR11A	GR11B	GW20	BP23	PD1	C1d	C1s	C4S	C4D	C2S	C2D
									657923	657924	657948	657969	657970	657971	657930	657931	657972	657973	657974	658031	659889	659941	659942	659943	660702	660703	660710	660711	660712	660713
									18m	17m	1.4m	1.8m	2m	1.3m	15m	12m	16m	13m	10m	10m	10m		10m		7m	4m	4m	10m	4m	10m
									17-Jul-2018	17-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	19-Jul-2018	19-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018
									Crag	Crag	Peat	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag
pH		N/A	6.5-9.5	171	6.5	1100	1	BP6, 165546, 17.6m	8	8	7	7.8	7	7	6.7	7.1	7.2	6.5	7.3	7.3	8.2	8.1	7.7	8.2	8.1	8.2	8.1	7.9	7.9	8.2
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0		900	840	1800	2600	4500	780	630	890	890	520	1000	1000	990	780	720	3.8	580	590	200	1100	660	750
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0		7	<5	41	32	15	44	<5	29	17	<5	18	18	9	9	130	<5	14	39	33	<5	110	54
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0																							
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0																							
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0		270	270	350	400	380	430	39	130	210	31	240	240	240	130	23	<10	290	88	<10	170	29	330
Chloride	mg/l	1.0	250	171	<1	9500	39	C3D, 69228, 16.7m; GW12, 69229, 12m; C4D, 72189, 15.98m; PZ21, 72758, 7.1m; P14, 60017, 1.5m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; P8, 61416, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C3D, 62522, 17m; C4D, 62523, 15.3m; C3D, 152242, 16.7m; C3S, 152243, 4.9m; P8, 152748, 1.5m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; P14, 166089, 1.43m; C3D, 168450, 17m; GW12, 169668, 10.5m; GR9, 657922, 13m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C4D, 660711, 10m; C2D, 660713, 10m; C3S, 660714, 5m; GW6S, 660717, 4m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; P14, 838906, 1.5m	61	67	440	710	1400	45	40	79	73	58	150	150	160	75	63	<1	44	100	29	310	140	530
Ammoniacal Nitrogen	mg/l	0.050	0.39	171	0.019	16	26	P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	0.058	0.12	0.29	1.3	2.6	0.34	0.18	0.053	0.075	0.078	0.057	0.078	0.052	0.17	<0.05	0.22	1.5	1.8	1.1	0.37	0.26	0.39
Ammonium	mg/l	0.050	0.5	171	<0.01	20	55	GW12, 69229, 12m; P12, 69877, 1.5m; C2D, 71194, 16.61m; BP23, 72187, 9.33m; C4S, 72188, 4.4m; C4D, 72189, 15.98m; BP27, 72190, 14.82m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; 72756, GW20, WATERm; 72757, GW16D, WATERm; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; PZ16, 62157, 24.6m; P8, 61416, 1.5m; P15, 61930, 1.5m; P3, 61931, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; C3S, 152243, 4.9m; P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; CPB14, 194411, 15.5m; SD6, 205954, 17m; BP9, 284627, 16.2m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	0.074	0.15	0.37	1.7	3.4	0.44	0.23	0.068	0.097	0.1	0.073	0.1	0.067	0.22	<0.05	0.28	1.9	2.3	1.4	0.48	0.33	0.5
Nitrite	mg/l	0.020	0.5	171	0.02	0.96	1	SD8, 205955, 17m	<0.02	<0.02	<0.02	0.047	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.032	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate	mg/l	0.50	50	171	<0.5	220	74	C1S, 70795, 4.39m; BP12, 70797, 16m; BP23, 72187, 9.33m; BP27, 72190, 14.82m; 72754, GW3, WATERm; 72755, GW2, WATERm; BP6, 93535, 17.8m; BP7, 93536, 18m; BP9, 93537, 17.8m; BP27, 93538, 15.93m; BP28, 93539, 14.5m; BP6, 132764, 17.6m; BP7, 132765, 17.68m; BP9, 132766, 16.2m; BP27, 132767, 15.5m; BP28, 132768, 14.5m; C7, 132769, 17.2m; BP23, 152749, 9.5m; BP27, 152750, 15m; BP28, 152751, 14.5m; C7, 152752, 17m; BP12, 155738, 10.54m; P15, 155773, 1.4m; BP7, 165547, 17.7m; BP9, 165548, 16.25m; GW2, 168447, 14m; GW3, 168448, 12.5m; GW20, 169384, 6m; CPB13, 194410, 15.5m; CPB14, 194411, 15.5m; SD8, 205955, 17m; BP7, 205957, 18m; BP9, 205958, 15m; BP27, 205959, 15m; BP28, 205960, 14.5m; C7, 205961, 17m; BP9, 243746, 16.15m; C7, 243747, 16.66m; BP27, 243748, 16.05m; BP28, 243749, 14.33m; BP6, 244097, 17.7m; BP7, 244098, 17.95m; BP27, 284622, 15.4m; BP28, 284623, 14.4m; C7, 284624, 16.8m; BP6, 284625, 17.75m; BP7, 284626, 17.6m; BP9, 284627, 16.2m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; BP28, 324599, 15.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; GW2, 657930, 15m; GW3, 657931, 12m; C7, 657972, 16m; BP28, 657973, 13m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1s, 660703, 4m; GR11, 843062, 9m; BP23, 838896, 9.3m; C1S, 838898, 4.5m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	110	110	0.62	<0.5	<0.5	<0.5	160	170	98	75	72	70	74	140	150	2.3	<0.5	81	17	<0.5	43	<0.5
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0		<0.2	<0.2	<0.2	0.86	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.29	0.28	0.23	<0.2	<0.2	<0.2	<0.2	<0.2	0.21	<0.2	<0.2	<0.2
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0		<0.02	<0.02	<0.02	0.28	<0.02	<0.02	0.062	0.032	0.032	0.023	0.095	0.091	0.075	<0.02	0.046	<0.02	<0.02	0.049	0.069	<0.02	<0.02	<0.02
Sulphate	mg/l	1.0	250	171	<1	1400	1	PZ16, 62157, 24.6m	98	82	5.8	5.5	14	5.1	91	79	89	75	48	48	48	71	65	<1	48	7	28	47	86	15
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0		25	25	<0.2	<0.2	<0.2	<0.2	36	38	22	17	16	16	17	32	34	0.52	<0.2	18	3.8	<0.2	9.7	<0.2
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	171	<5	2300	0		150	140	220	89	240	130	96	180	140	51	130	160	140	110	67	<5	120	110	9.7	160	75	120
Potassium	mg/l	0.50	N/A	171	<0.5	39	0		0.69	<0.5	3.2	29	18	1.7	2.8	5.3	1.6	8.2	3.6	4.5	3.5	4.4	5.1	<0.5	4.7	1.8	2.7	10	4.1	6.3
Magnesium	mg/l	0.50	N/A	171	0.98	490	0		10	8.1	14	4.8	11	7.2	17	14	15	7.9	5	6.6	6.2	14	18	0.98	9.4	6.6	4.9	11	7.3	21
Sodium	mg/l	0.50	200	171	0.66	2100	19	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C4D, 62523, 15.3m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C3S, 660714, 5m; GW9D, 843061, 6m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m	36	27	96	260	520	32	18	33	21	21	50	58	51	23	14	0.66	26	37	19	38	90	110
Arsenic (Dissolved)	mg/l	0.001	0.01	171	0.001	0.067	11	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; GW6S, 660717, 4m	<0.001	<0.001	0.0031	0.011	0.0081	0.0014	<0.001	<0.001	0.0014	<0.001	<0.001	0.0013	0.0029	0.0019	<0.001	<0.001	<0.001	0.0019	<0.001	0.0023	0.0024	0.0022
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0		<0.02	<0.02	0.024	0.042	0.039	0.029	<0.02	<0.02	<0.02	0.047	0.026	0.032	0.046	0.044	0.028	<0.02	0.026	<0.02	<0.02	0.024	0.032	0.04
Cadmium (Dissolved)	mg/l	0.00008	0.005	171	<0.00008	0.0006	0		<0.00008	<0.00008	<0.00008	0.00013	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00033	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	0.05	171	0.001	0.067	2	P12, 69877, 1.5m; C4D, 155737, 18m	0.0024	0.0018	0.0047	0.02	0.013	0.0016	<0.001	<0.001	0.0015	<0.001	0.0012	0.0019	0.011	0.0073	0.0051	0.0062	0.0024	0.011	0.004	0.0056	0.0057	0.0031
Copper (Dissolved)	mg/l	0.001	2	171	0.001	0.076	0		0.0016	<0.001	0.0026	0.041	0.076	0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0035	0.0025	<0.001	<0.001	<0.001	0.0023	0.002	0.0014	0.0032	0.0041

Assessment Criteria :	*Drinking Water Standard England and Wales/WHO*							
CaCO (mg/l):	**0.00**		**pH**	**0.00**				
Calcium (mg/l):	**0.00**		**DOC (mg/l)**	**0.00**			**Catchment area:**	**Drinking Water Standard**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	BP6	BP7	P14	PIEZ 1A	PIEZ 1B	P15	GW2	GW3	C7	BP28	GR11	GR11A	GR11B	GW20	BP23	PD1	C1d	C1s	C4S	C4D	C2S	C2D
									657923	657924	657948	657969	657970	657971	657930	657931	657972	657973	657974	658031	659889	659941	659942	659943	660702	660703	660710	660711	660712	660713
									18m	17m	1.4m	1.8m	2m	1.3m	15m	12m	16m	13m	10m	10m	10m		10m		7m	4m	4m	10m	4m	10m
									17-Jul-2018	17-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	19-Jul-2018	19-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018
									Crag	Crag	Peat	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag
Manganese (Dissolved)	mg/l	0.001	0.05	171	0.001	5.3	37	SD7, 194412, 19.9m; SD3, 205953, 15m; SD6, 205954, 17m; SD8, 205955, 17m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; P14, 657948, 1.4m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C1d, 660702, 7m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; P14, 838906, 1.5m	<0.001	<0.001	0.95	0.049	0.31	1.4	0.0057	0.001	0.04	0.041	0.0018	0.0015	0.0045	0.0015	0.0025	<0.001	0.22	0.011	0.039	0.43	0.16	0.72
Nickel (Dissolved)	mg/l	0.001	0.02	171	0.001	0.03	1	C4D, 155737, 18m	<0.001	<0.001	<0.001	0.0048	0.0017	<0.001	0.0023	<0.001	<0.001	0.0078	<0.001	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0028	0.001	0.0017
Lead (Dissolved)	mg/l	0.001	0.01	171	<0.001	0.0071	0		<0.001	<0.001	<0.001	0.0024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	3	171	<0.001	0.49	0		0.0012	0.0017	0.0044	0.0047	<0.001	0.006	<0.001	<0.001	<0.001	0.0021	<0.001	<0.001	0.0088	0.0025	0.0036	<0.001	<0.001	<0.001	<0.001	<0.001	0.0011	0.0029
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	<0.00001	<0.00001	0.000031	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	0.2	171	0.02	18	68	P12, 69877, 1.5m; C1D, 70796, 18.39m; C2S, 71195, 4.42m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P8, 61416, 1.5m; P3, 61931, 1.5m; C35, 62521, 4.94m; C3D, 62522, 17m; C4D, 62523, 15.3m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; P13, 152241, 1.5m; C3D, 152242, 16.7m; P8, 152748, 1.5m; BP27, 152750, 15m; C7, 152752, 17m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD6, 205954, 17m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; GW3, 657931, 12m; C7, 657972, 16m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1d, 660702, 7m; C1s, 660703, 4m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ21, 662068, 7m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	0.49	0.51	0.58	0.99	0.87	0.41	0.15	0.27	0.39	0.12	0.29	0.36	0.52	0.49	0.23	0.08	0.95	0.75	0.18	1	0.58	0.86
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0		8.9	7.3	16	56	29	15	6.1	6.6	6.7	8.3	8.4	8.7	9	7	4.9	4.2	3.6	6.2	5.4	7.8	7.4	13
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		9.3	8.5	18	67	35	17	6.2	7.8	8.1	8.7	9.7	10	9.2	7.4	6.5	5.6	5.6	6.6	10	9.2	10	16
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Acenaphthylene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Acenaphthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluorene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Phenanthrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoranthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Pyrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[a]anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chrysene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[b]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[k]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[a]pyrene	mg/l	0.0001	0.00001	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Dibenz(a,h)Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[g,h,i]perylene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	0.0005	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	See Trihalomethanes	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.004	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.001	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.003	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	0.04	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	See Trihalomethanes	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.7	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	See Trihalomethanes	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	0.0004	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	BP6	BP7	P14	PIEZ 1A	PIEZ 1B	P15	GW2	GW3	C7	BP28	GR11	GR11A	GR11B	GW20	BP23	PD1	C1d	C1s	C4S	C4D	C2S	C2D
									657923	657924	657948	657969	657970	657971	657930	657931	657972	657973	657974	658031	659889	659941	659942	659943	660702	660703	660710	660711	660712	660713
									18m	17m	1.4m	1.8m	2m	1.3m	15m	12m	16m	13m	10m	10m	10m		10m		7m	4m	4m	10m	4m	10m
									17-Jul-2018	17-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	19-Jul-2018	19-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018
									Crag	Crag	Peat	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	0.001	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Phenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0																							
2-Chlorophenol	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0																							
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
1,4-Dichlorobenzene	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0																							
1,2-Dichlorobenzene	mg/l	0.0005	1	171	<0.0005	<0.0005	0																							
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2,4-Dichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																							
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Naphthalene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0																							
4-Chloro-3-Methylphenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																							
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2,4,6-Trichlorophenol	mg/l	0.0005	0.2	171	<0.0005	<0.0005	0																							
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Acenaphthylene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
Dimethylphthalate	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																							
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Acenaphthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Fluorene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0																							
Pentachlorophenol	mg/l	0.0005	0.009	171	<0.0005	<0.0005	0																							
Phenanthrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Fluoranthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
Pyrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Benzo[a]anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
Chrysene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Benzo[b]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																							
Benzo[k]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																							
Benzo[a]pyrene	mg/l	0.0005	0.00001	171	<0.0005	<0.0005	0																							
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																							
Dibenz(a,h)Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0																							
Benzo[g,h,i]perylene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0																							
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101			No WSV	171	<0.01	<0.01	0																							
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	BP6	BP7	P14	PIEZ 1A	PIEZ 1B	P15	GW2	GW3	C7	BP28	GR11	GR11A	GR11B	GW20	BP23	PD1	C1d	C1s	C4S	C4D	C2S	C2D
									657923	657924	657948	657969	657970	657971	657930	657931	657972	657973	657974	658031	659889	659941	659942	659943	660702	660703	660710	660711	660712	660713
									18m	17m	1.4m	1.8m	2m	1.3m	15m	12m	16m	13m	10m	10m	10m		10m		7m	4m	4m	10m	4m	10m
									17-Jul-2018	17-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	19-Jul-2018	19-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018
									Crag	Crag	Peat	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0		27	24	1	9	5	2	35	36	25	22	20	21	19	31	34	<1	<1	22	5	<1	10	1
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0		<0.001	0.001	0.0031	0.011	0.0077	0.0012	<0.001	<0.001	0.001	<0.001	<0.001	0.0013	0.0027	0.0016	<0.001	<0.001	<0.001	0.002	<0.001	0.0025	0.0025	0.0023
Boron (Total)	mg/l	0.02	1	171	0.02	0.21	0		<0.02	<0.02	0.024	0.043	0.039	0.031	0.02	<0.02	<0.02	0.05	0.027	0.032	0.045	0.047	0.03	<0.02	0.028	<0.02	<0.02	0.026	0.034	0.041
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0		<0.00008	<0.00008	<0.00008	0.00013	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00034	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Total)	mg/l	0.001	0.05	171	0.001	0.02	0		0.0024	0.0019	0.0042	0.02	0.012	<0.001	<0.001	<0.001	0.0015	0.001	0.0012	0.0019	0.0098	0.0077	0.0053	0.0061	0.0027	0.011	0.004	0.0059	0.0056	0.003
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0		0.0013	<0.001	0.0026	0.041	0.12	0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.004	0.0026	<0.001	<0.001	0.0011	0.0027	0.002	0.0014	0.0042	0.0048
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0		0.5	0.53	0.61	1	0.84	0.4	0.15	0.26	0.37	0.13	0.3	0.37	0.5	0.52	0.22	0.08	1.1	0.74	0.18	1.1	0.58	0.92
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0		<0.001	<0.001	0.97	0.051	0.31	1.5	0.0058	0.001	0.041	0.043	0.0018	0.0015	0.0044	0.0015	0.0027	<0.001	0.24	0.011	0.038	0.47	0.17	0.76
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0		<0.001	<0.001	<0.001	0.005	0.0018	<0.001	0.0025	<0.001	<0.001	0.0081	<0.001	<0.001	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.003	0.0012	0.0018
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0		<0.001	<0.001	<0.001	0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0		0.0012	0.0018	0.0039	0.005	0.0015	0.006	<0.001	<0.001	<0.001	0.0025	<0.001	<0.001	0.009	0.0027	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	0.0015	0.0032
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0		<0.02	<0.02	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium (Hexavalent)	mg/l	0.02	See Total Chromium	171	0.001	<0.02	0		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C3S	C3D	GW12	GW6S	PZ21	PZ2009_13	GW9S	GW9D	GR11	P13	C4S	C4D	PZ1A	PZ1B	PZ2009_18	P12	P8	C3D	C3S	BP23	C1D
									660714	660715	660716	660717	662068	843059	843060	843061	843062	843064	843065	843066	838889	838890	838891	838892	838893	838894	838895	838896	838897
									5m	10m	11m	4m	7m	15m	4.5m	6m	9m	1.5m	4.4m	8.5m	1.8m	2m	11m	1.5m	1.5m	16m	4.7m	9.3m	18.5m
									25-Jul-2018	25-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	12-Jun-2019	12-Jun-2019	12-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	03-Jun-2019	03-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	05-Jun-2019
									Crag	Crag	Made Ground	Made Ground	Crag	Crag	Made Ground	Made Ground	Crag	Peat	Crag	Crag	Peat	Peat	Crag	Peat	Peat	Crag	Crag	Crag	Crag
pH		N/A	6.5-9.5	171	6.5	1100	1	BP6, 165546, 17.6m	7.8	8.1	8.3	7.9	8.3	7.9	7.7	7.8	7.7	7.4	7.5	8.2	8.1	7.3	7.3	7.7	7.3	7.9	7.1	7.2	7.6
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0		2100	300	1100	2800	1200	940	2100	2200	920	510	230	1200	1200	4300	4900	290	1500	400	270	710	820
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0		57	24	59	21	17	19	71	49	8	6700	78	27	7	28	62	<5	7	14	8	47	5
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0																						
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0																						
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0		<10	61	390	61	350	390	560	570	370	96	31	240	380	400	110	110	380	87	34	59	350
Chloride	mg/l	1.0	250	171	<1	9500	39	C3D, 69228, 16.7m; GW12, 69229, 12m; C4D, 72189, 15.98m; PZ21, 72758, 7.1m; P14, 60017, 1.5m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; P8, 61416, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C3D, 62522, 17m; C4D, 62523, 15.3m; C3D, 152242, 16.7m; C3S, 152243, 4.9m; P8, 152748, 1.5m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; P14, 166089, 1.43m; C3D, 168450, 17m; GW12, 169668, 10.5m; GR9, 657922, 13m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C4D, 660711, 10m; C2D, 660713, 10m; C3S, 660714, 5m; GW6S, 660717, 4m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; P14, 838906, 1.5m	750	57	150	1000	230	94	550	560	110	170	28	320	300	1600	1800	49	420	86	65	82	230
Ammoniacal Nitrogen	mg/l	0.050	0.39	171	0.019	16	26	P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	<0.05	0.086	2.8	16	0.14	0.47	1.6	1.5	0.1	0.27	0.22	0.21	0.35	0.48	0.24	0.29	0.4	0.24	0.19	0.23	0.23
Ammonium	mg/l	0.050	0.5	171	<0.01	20	55	GW12, 69229, 12m; P12, 69877, 1.5m; C2D, 71194, 16.61m; BP23, 72187, 9.33m; C4S, 72188, 4.4m; C4D, 72189, 15.98m; BP27, 72190, 14.82m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; 72756, GW20, WATERm; 72757, GW16D, WATERm; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; PZ16, 62157, 24.6m; P8, 61416, 1.5m; P15, 61930, 1.5m; P3, 61931, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; C3S, 152243, 4.9m; P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; CPB14, 194411, 15.5m; SD6, 205954, 17m; BP9, 284627, 16.2m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	<0.05	0.11	3.6	20	0.18	0.6	2	1.9	0.13	0.35	0.28	0.27	0.45	0.62	0.31	0.37	0.52	0.31	0.25	0.3	0.29
Nitrite	mg/l	0.020	0.5	171	0.02	0.96	1	SD8, 205955, 17m	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.023	0.021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate	mg/l	0.50	50	171	<0.5	220	74	C1S, 70795, 4.39m; BP12, 70797, 16m; BP23, 72187, 9.33m; BP27, 72190, 14.82m; 72754, GW3, WATERm; 72755, GW2, WATERm; BP6, 93535, 17.8m; BP7, 93536, 18m; BP9, 93537, 17.8m; BP27, 93538, 15.93m; BP28, 93539, 14.5m; BP6, 132764, 17.6m; BP7, 132765, 17.68m; BP9, 132766, 16.2m; BP27, 132767, 15.5m; BP28, 132768, 14.5m; C7, 132769, 17.2m; BP23, 152749, 9.5m; BP27, 152750, 15m; BP28, 152751, 14.5m; C7, 152752, 17m; BP12, 155738, 10.54m; P15, 155773, 1.4m; BP7, 165547, 17.7m; BP9, 165548, 16.25m; GW2, 168447, 14m; GW3, 168448, 12.5m; GW20, 169384, 6m; CPB13, 194410, 15.5m; CPB14, 194411, 15.5m; SD8, 205955, 17m; BP7, 205957, 18m; BP9, 205958, 15m; BP27, 205959, 15m; BP28, 205960, 14.5m; C7, 205961, 17m; BP9, 243746, 16.15m; C7, 243747, 16.66m; BP27, 243748, 16.05m; BP28, 243749, 14.33m; BP6, 244097, 17.7m; BP7, 244098, 17.95m; BP27, 284622, 15.4m; BP28, 284623, 14.4m; C7, 284624, 16.8m; BP6, 284625, 17.75m; BP7, 284626, 17.6m; BP9, 284627, 16.2m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; BP28, 324599, 15.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; GW2, 657930, 15m; GW3, 657931, 12m; C7, 657972, 16m; BP28, 657973, 13m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1s, 660703, 4m; GR11, 843062, 9m; BP23, 838896, 9.3m; C1S, 838898, 4.5m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	4.8	<0.5	<0.5	<0.5	6.4	<0.5	<0.5	<0.5	65	<0.5	21	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	190	0.99
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0		<0.2	0.22	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.42	<0.2	0.22	<0.2	0.86	<0.2	<0.2	0.26	<0.2	0.21	<0.2	0.3	<0.2
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0		<0.02	0.072	<0.02	<0.02	0.021	<0.02	<0.02	<0.02	0.14	<0.02	0.073	<0.02	0.29	0.029	<0.02	0.087	0.053	0.07	0.023	0.1	<0.02
Sulphate	mg/l	1.0	250	171	<1	1400	1	PZ16, 62157, 24.6m	21	37	16	2.9	26	39	<1	<1	48	2.1	29	49	<1	24	60	29	<1	42	22	58	52
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0		1.1	<0.2	<0.2	<0.2	1.5	<0.2	<0.2	<0.2	15	<0.2	4.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	1.2	43	0.23
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	171	<5	2300	0		97	33	98	270	100	160	150	120	130	95	7.3	200	46	260	780	170	170	110	<5	74	110
Potassium	mg/l	0.50	N/A	171	<0.5	39	0		15	2.1	18	39	4.9	6.3	8.7	22	2.6	6.6	2.9	13	15	21	5.4	1.7	1.1	2	3.7	3.1	6.2
Magnesium	mg/l	0.50	N/A	171	0.98	490	0		88	3.9	16	5.5	6.5	15	18	35	16	15	5.6	13	2.4	12	40	5.2	17	5.2	5	22	8.4
Sodium	mg/l	0.50	200	171	0.66	2100	19	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C4D, 62523, 15.3m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C3S, 660714, 5m; GW9D, 843061, 6m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m	230	22	92	190	160	68	110	210	45	25	22	47	230	680	230	20	79	22	32	14	34
Arsenic (Dissolved)	mg/l	0.001	0.01	171	0.001	0.067	11	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; GW6S, 660717, 4m	0.004	0.0019	0.0021	0.023	0.0014	0.0054	0.0037	0.0028	0.0011	0.0047	0.0011	0.0021	0.0074	0.0036	0.0069	<0.001	0.0013	0.0021	<0.001	<0.001	0.0011
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0		0.028	<0.02	0.14	0.062	0.031	0.1	0.39	0.44	0.065	0.082	0.033	0.054	0.064	0.031	<0.02	0.028	<0.02	<0.02	0.023	0.026	0.027
Cadmium (Dissolved)	mg/l	0.00008	0.005	171	<0.00008	0.0006	0		0.00027	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.0001	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	0.05	171	0.001	0.067	2	P12, 69877, 1.5m; C4D, 155737, 18m	0.018	0.004	<0.001	0.0055	0.0061	0.0018	0.0048	0.006	0.0021	0.0033	0.0017	0.0043	0.0068	0.0097	0.013	0.0036	0.005	0.003	0.0022	0.0019	0.0025
Copper (Dissolved)	mg/l	0.001	2	171	0.001	0.076	0		0.021	0.012	0.001	<0.001	<0.001	<0.001	<0.001	0.0019	<0.001	<0.001	<0.001	<0.001	0.014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C3S	C3D	GW12	GW6S	PZ21	PZ2009_13	GW9S	GW9D	GR11	P13	C4S	C4D	PZ1A	PZ1B	PZ2009_18	P12	P8	C3D	C3S	BP23	C1D
									660714	660715	660716	660717	662068	843059	843060	843061	843062	843064	843065	843066	838889	838890	838891	838892	838893	838894	838895	838896	838897
									5m	10m	11m	4m	7m	15m	4.5m	6m	9m	1.5m	4.4m	8.5m	1.8m	2m	11m	1.5m	1.5m	16m	4.7m	9.3m	18.5m
									25-Jul-2018	25-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	12-Jun-2019	12-Jun-2019	12-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	03-Jun-2019	03-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	05-Jun-2019
									Crag	Crag	Made Ground	Made Ground	Crag	Crag	Made Ground	Made Ground	Crag	Peat	Crag	Crag	Peat	Peat	Crag	Peat	Peat	Crag	Crag	Crag	Crag
Manganese (Dissolved)	mg/l	0.001	0.05	171	0.001	5.3	37	SD7, 194412, 19.9m; SD3, 205953, 15m; SD6, 205954, 17m; SD8, 205955, 17m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; P14, 657948, 1.4m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C1d, 660702, 7m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; P14, 838906, 1.5m	5.3	0.093	2.6	0.27	0.0068	0.089	3.3	1.1	0.031	0.69	0.054	0.66	0.079	0.21	0.39	0.21	0.15	0.41	0.51	0.026	0.24
Nickel (Dissolved)	mg/l	0.001	0.02	171	0.001	0.03	1	C4D, 155737, 18m	0.011	<0.001	0.0015	0.0041	<0.001	0.0016	<0.001	<0.001	<0.001	0.0021	<0.001	0.0016	0.0097	0.0018	0.0016	<0.001	0.0015	<0.001	0.0012	<0.001	0.0011
Lead (Dissolved)	mg/l	0.001	0.01	171	<0.001	0.0071	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0041	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	3	171	<0.001	0.49	0		0.013	0.004	<0.001	<0.001	<0.001	0.0073	0.0035	0.0076	0.0086	0.012	0.013	0.0063	0.051	0.49	0.048	0.016	0.054	0.063	0.023	0.0063	0.051
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		0.000012	<0.00001	<0.00001	0.000014	0.000011	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00077	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	0.2	171	0.02	18	68	P12, 69877, 1.5m; C1D, 70796, 18.39m; C2S, 71195, 4.42m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P8, 61416, 1.5m; P3, 61931, 1.5m; C35, 62521, 4.94m; C3D, 62522, 17m; C4D, 62523, 15.3m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; P13, 152241, 1.5m; C3D, 152242, 16.7m; P8, 152748, 1.5m; BP27, 152750, 15m; C7, 152752, 17m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD6, 205954, 17m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; GW3, 657931, 12m; C7, 657972, 16m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1d, 660702, 7m; C1s, 660703, 4m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ21, 662068, 7m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	0.56	0.72	0.31	1.2	0.27	0.27	0.77	0.29	0.31	0.13	0.03	0.38	1.1	0.68	1.1	0.11	0.29	0.069	<0.02	0.093	0.23
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0		11	10	14	22	9.8	9.4	11	14	9.6	8.2	4.6	6.8	42	31	5.7	9.3	25	4.5	5.9	4.1	0.81
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		12	12	17	24	11	9.6	14	16	8.2	8.4	5.7	7.6	46	33	10	14	28	5	10	5.5	2.7
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00001	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	0.0005	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	See Trihalomethanes	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.004	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.001	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.003	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	0.04	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	See Trihalomethanes	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.7	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	See Trihalomethanes	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	0.0004	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criera : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C3S	C3D	GW12	GW6S	PZ21	PZ2009_13	GW9S	GW9D	GR11	P13	C4S	C4D	PZ1A	PZ1B	PZ2009_18	P12	P8	C3D	C3S	BP23	C1D
									660714	660715	660716	660717	662068	843059	843060	843061	843062	843064	843065	843066	838889	838890	838891	838892	838893	838894	838895	838896	838897
									5m	10m	11m	4m	7m	15m	4.5m	6m	9m	1.5m	4.4m	8.5m	1.8m	2m	11m	1.5m	1.5m	16m	4.7m	9.3m	18.5m
									25-Jul-2018	25-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	12-Jun-2019	12-Jun-2019	12-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	03-Jun-2019	03-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	05-Jun-2019
									Crag	Crag	Made Ground	Made Ground	Crag	Crag	Made Ground	Made Ground	Crag	Peat	Crag	Crag	Peat	Peat	Crag	Peat	Peat	Crag	Crag	Crag	Crag
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	0.001	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Chlorophenol	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	mg/l	0.0005	1	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Naphthalene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chloro-3-Methylphenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,6-Trichlorophenol	mg/l	0.0005	0.2	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Acenaphthylene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dimethylphthalate	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Acenaphthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fluorene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Pentachlorophenol	mg/l	0.0005	0.009	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phenanthrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fluoranthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Pyrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[a]anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Chrysene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[b]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[k]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[a]pyrene	mg/l	0.0005	0.00001	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dibenz(a,h)Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[g,h,i]perylene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101			No WSV	171	<0.01	<0.01	0																						
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001

Assessment Criteria :	*Drinking Water Standard England and Wales/WHO*		
CaCO (mg/l): 0.00	**pH** 0.00		
Calcium (mg/l): 0.00	**DOC (mg/l)** 0.00	**Catchment area:**	**Drinking Water Standard**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0	
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0	
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0	
Boron (Total)	mg/l	0.02	1	171	0.02	0.21	0	
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0	
Chromium (Total)	mg/l	0.001	0.05	171	0.001	0.02	0	
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0	
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0	
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0	
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0	
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0	
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0	
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0	
Chromium (Hexavalent)	mg/l	0.02	See Total Chromium	171	0.001	<0.02	0	

Constituents	C3S	C3D	GW12	GW6S	PZ21	PZ2009_13	GW9S	GW9D	GR11	P13	C4S
	660714	660715	660716	660717	662068	843059	843060	843061	843062	843064	843065
	5m	10m	11m	4m	7m	15m	4.5m	6m	9m	1.5m	4.4m
	25-Jul-2018	25-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	12-Jun-2019	12-Jun-2019	12-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019
	Crag	Crag	Made Ground	Made Ground	Crag	Crag	Made Ground	Made Ground	Crag	Peat	Crag
PCB 156	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 157	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 167	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 169	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 189	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (12 Congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	0.16	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)	2	<1	4.1	19	7.2						
Arsenic (Total)	0.0039	0.002	0.0032	0.029	0.0014						
Boron (Total)	0.027	<0.02	0.21	0.078	0.033						
Cadmium (Total)	0.00027	<0.00008	<0.00008	<0.00008	<0.00008						
Chromium (Total)	0.016	0.004	0.0034	0.013	0.0066						
Copper (Total)	0.035	0.012	<0.001	0.0011	0.0011						
Iron (Total)	0.57	0.74	0.39	1.5	0.27						
Manganese (Total)	5.7	0.095	3.7	0.34	0.0071						
Nickel (Total)	0.012	<0.001	<0.001	0.0054	<0.001						
Lead (Total)	<0.001	<0.001	<0.001	<0.001	<0.001						
Zinc (Total)	0.013	0.004	<0.001	<0.001	<0.001						
Chromium (Trivalent)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.0001	<0.0001	<0.0001	0.00042	<0.0001	<0.0001
Chromium (Hexavalent)	<0.02	<0.02	<0.02	<0.02	<0.02	0.002	0.005	0.006	0.002	0.003	0.002

Constituents	C4D	PZ1A	PZ1B	PZ2009_18	P12	P8	C3D	C3S	BP23	C1D
	843066	838889	838890	838891	838892	838893	838894	838895	838896	838897
	8.5m	1.8m	2m	11m	1.5m	1.5m	16m	4.7m	9.3m	18.5m
	13-Jun-2019	03-Jun-2019	03-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	05-Jun-2019
	Crag	Peat	Peat	Crag	Peat	Peat	Crag	Crag	Crag	Crag
PCB 156	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 157	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 167	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 169	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 189	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (12 Congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)										
Arsenic (Total)										
Boron (Total)										
Cadmium (Total)										
Chromium (Total)										
Copper (Total)										
Iron (Total)										
Manganese (Total)										
Nickel (Total)										
Lead (Total)										
Zinc (Total)										
Chromium (Trivalent)	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.00016	0.007	0.0088	<0.0001
Chromium (Hexavalent)	0.004	0.007	0.01	0.013	0.004	0.005	0.003	<0.001	<0.001	0.002

Assessment Criera : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C1S	P15	C2S	C2D	GW20	C7	BP28	CPB13	P14
									838898	838899	838900	838901	838902	838903	838904	838905	838906
									4.5m	1.5m	4.5m	17m	6m	17.3m	14.5m	15m	1.5m
									05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019
									Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Peat
pH		N/A	6.5-9.5	171	6.5	1100	1	BP6, 165546, 17.6m	8	7.3	7.1	7.5	7.3	7.6	7.1	7.8	7.2
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0		560	720	690	940	460	890	520	960	1800
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0		<5	15	26	39	<5	360	<5	59	<5
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0										
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0										
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0		100	420	57	450	140	240	55	190	350
Chloride	mg/l	1.0	250	171	<1	9500	39	C3D, 69228, 16.7m; GW12, 69229, 12m; C4D, 72189, 15.98m; PZ21, 72758, 7.1m; P14, 60017, 1.5m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; P8, 61416, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C3D, 62522, 17m; C4D, 62523, 15.3m; C3D, 152242, 16.7m; C3S, 152243, 4.9m; P8, 152748, 1.5m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; P14, 166089, 1.43m; C3D, 168450, 17m; GW12, 169668, 10.5m; GR9, 657922, 13m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C4D, 660711, 10m; C2D, 660713, 10m; C3S, 660714, 5m; GW6S, 660717, 4m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; P14, 838906, 1.5m	86	57	130	63	35	82	59	79	500
Ammoniacal Nitrogen	mg/l	0.050	0.39	171	0.019	16	26	P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	2.3	0.27	2.2	0.26	2.8	2.5	2.9	2.8	0.086
Ammonium	mg/l	0.050	0.5	171	<0.01	20	55	GW12, 69229, 12m; P12, 69877, 1.5m; C2D, 71194, 16.61m; BP23, 72187, 9.33m; C4S, 72188, 4.4m; C4D, 72189, 15.98m; BP27, 72190, 14.82m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; 72756, GW20, WATERm; 72757, GW16D, WATERm; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; PZ16, 62157, 24.6m; P8, 61416, 1.5m; P15, 61930, 1.5m; P3, 61931, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; C3S, 152243, 4.9m; P8, 152748, 1.5m; BP23, 152749, 9.5m; BP28, 152751, 14.5m; C7, 152752, 17m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C1S, 155775, 4.39m; GW12, 169668, 10.5m; CPB14, 194411, 15.5m; SD6, 205954, 17m; BP9, 284627, 16.2m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C1d, 660702, 7m; C1s, 660703, 4m; C4S, 660710, 4m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; PZ1B, 838890, 2m; P8, 838893, 1.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	2.9	0.35	2.8	0.33	3.6	3.2	3.7	3.6	0.11
Nitrite	mg/l	0.020	0.5	171	0.02	0.96	1	SD8, 205955, 17m	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate	mg/l	0.50	50	171	<0.5	220	74	C1S, 70795, 4.39m; BP12, 70797, 16m; BP23, 72187, 9.33m; BP27, 72190, 14.82m; 72754, GW3, WATERm; 72755, GW2, WATERm; BP6, 93535, 17.8m; BP7, 93536, 18m; BP9, 93537, 17.8m; BP27, 93538, 15.93m; BP28, 93539, 14.5m; BP6, 132764, 17.6m; BP7, 132765, 17.68m; BP9, 132766, 16.2m; BP27, 132767, 15.5m; BP28, 132768, 14.5m; C7, 132769, 17.2m; BP23, 152749, 9.5m; BP27, 152750, 15m; BP28, 152751, 14.5m; C7, 152752, 17m; BP12, 155738, 10.54m; P15, 155773, 1.4m; BP7, 165547, 17.7m; BP9, 165548, 16.25m; GW2, 168447, 14m; GW3, 168448, 12.5m; GW20, 169384, 6m; CPB13, 194410, 15.5m; CPB14, 194411, 15.5m; SD8, 205955, 17m; BP7, 205957, 18m; BP9, 205958, 15m; BP27, 205959, 15m; BP28, 205960, 14.5m; C7, 205961, 17m; BP9, 243746, 16.15m; C7, 243747, 16.66m; BP27, 243748, 16.05m; BP28, 243749, 14.33m; BP6, 244097, 17.7m; BP7, 244098, 17.95m; BP27, 284622, 15.4m; BP28, 284623, 14.4m; C7, 284624, 16.8m; BP6, 284625, 17.75m; BP7, 284626, 17.6m; BP9, 284627, 16.2m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; BP28, 324599, 15.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; GW2, 657930, 15m; GW3, 657931, 12m; C7, 657972, 16m; BP28, 657973, 13m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1s, 660703, 4m; GR11, 843062, 9m; BP23, 838896, 9.3m; C1S, 838898, 4.5m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m	88	0.88	40	<0.5	10	110	97	210	<0.5
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.24	<0.2
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0		0.05	<0.02	<0.02	<0.02	<0.02	<0.02	0.03	0.08	<0.02
Sulphate	mg/l	1.0	250	171	<1	1400	1	PZ16, 62157, 24.6m	9.6	<1	120	54	29	84	59	59	<1
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0		20	0.2	9	<0.2	2.3	25	22	47	<0.2
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	171	<5	2300	0		110	88	140	150	53	45	49	140	180
Potassium	mg/l	0.50	N/A	171	<0.5	39	0		1.5	1.4	3.4	2.5	3.6	3.3	8.4	4.1	3.3
Magnesium	mg/l	0.50	N/A	171	0.98	490	0		6.8	6.9	8.6	11	10	9.1	8.2	8.1	14
Sodium	mg/l	0.50	200	171	0.66	2100	19	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; P10, 61415, 1.5m; GW9S, 61932, 4.48m; GW9D, 61933, 6m; C4D, 62523, 15.3m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; C3S, 660714, 5m; GW9D, 843061, 6m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m	43	30	80	32	12	10	21	26	98
Arsenic (Dissolved)	mg/l	0.001	0.01	171	0.001	0.067	11	GW12, 69229, 12m; C4D, 72189, 15.98m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; GW9S, 154538, 4.5m; C4D, 155737, 18m; P10, 155739, 1.5m; PIEZ 1A, 657969, 1.8m; GW6S, 660717, 4m	<0.001	<0.001	<0.001	0.0015	<0.001	<0.001	<0.001	0.0018	0.0019
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0		<0.02	0.024	0.042	0.032	0.039	<0.02	0.048	0.027	0.022
Cadmium (Dissolved)	mg/l	0.00008	0.005	171	<0.00008	0.0006	0		<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00025	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	0.05	171	0.001	0.067	2	P12, 69877, 1.5m; C4D, 155737, 18m	0.0018	0.0015	0.0016	0.002	<0.001	<0.001	0.0055	<0.001	0.0036
Copper (Dissolved)	mg/l	0.001	2	171	0.001	0.076	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

									C1S	P15	C2S	C2D	GW20	C7	BP28	CPB13	P14
									838898	838899	838900	838901	838902	838903	838904	838905	838906
									4.5m	1.5m	4.5m	17m	6m	17.3m	14.5m	15m	1.5m
									05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019
									Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Peat
Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**									
Manganese (Dissolved)	mg/l	0.001	0.05	171	0.001	5.3	37	SD7, 194412, 19.9m; SD3, 205953, 15m; SD6, 205954, 17m; SD8, 205955, 17m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; P14, 657948, 1.4m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C1d, 660702, 7m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; P14, 838906, 1.5m	0.0078	1.9	0.13	2.1	0.061	0.0039	0.028	0.0026	1.6
Nickel (Dissolved)	mg/l	0.001	0.02	171	0.001	0.03	1	C4D, 155737, 18m	<0.001	<0.001	0.0093	0.0087	<0.001	<0.001	0.0078	<0.001	0.0019
Lead (Dissolved)	mg/l	0.001	0.01	171	<0.001	0.0071	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	3	171	<0.001	0.49	0		0.037	0.0045	0.11	0.082	0.019	0.09	0.073	0.017	0.077
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	0.2	171	0.02	18	68	P12, 69877, 1.5m; C1D, 70796, 18.39m; C2S, 71195, 4.42m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P8, 61416, 1.5m; P3, 61931, 1.5m; C35, 62521, 4.94m; C3D, 62522, 17m; C4D, 62523, 15.3m; C45, 62524, 4.4m; C2D, 62525, 18.6m; P9, 152239, 1.5m; P12, 152240, 1.5m; P13, 152241, 1.5m; C3D, 152242, 16.7m; P8, 152748, 1.5m; BP27, 152750, 15m; C7, 152752, 17m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD6, 205954, 17m; BP7, 324594, 18m; BP9, 324595, 16.5m; C7, 324596, 17m; BP6, 324597, 17m; BP27, 324598, 16.5m; CPB13, 657921, 14m; GR9, 657922, 13m; BP6, 657923, 18m; BP7, 657924, 17m; P14, 657948, 1.4m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; GW3, 657931, 12m; C7, 657972, 16m; GR11, 657974, 10m; GR11A, 658031, 10m; GR11B, 659889, 10m; GW20, 659941; BP23, 659942, 10m; C1d, 660702, 7m; C1s, 660703, 4m; C4D, 660711, 10m; C2S, 660712, 4m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; GW12, 660716, 11m; GW6S, 660717, 4m; PZ21, 662068, 7m; PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P8, 838893, 1.5m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	0.067	2.3	0.18	1.1	0.1	0.19	0.062	0.2	1.2
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0		6	18	3.9	6.9	11	6.3	4.3	3.3	22
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		6.8	20	7.2	8.8	13	6.3	6.9	9.3	28
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00001	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	See BaP	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	See PAH Sum of 4	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	0.0005	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	See Trihalomethanes	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.004	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.001	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.003	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	0.04	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	See Trihalomethanes	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.7	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01 (sum of TCE & PCE)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	See Trihalomethanes	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	0.0004	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C1S	P15	C2S	C2D	GW20	C7	BP28	CPB13	P14
									838898	838899	838900	838901	838902	838903	838904	838905	838906
									4.5m	1.5m	4.5m	17m	6m	17.3m	14.5m	15m	1.5m
									05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019
									Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Peat
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.3	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	0.001	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Chlorophenol	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	mg/l	0.0005	0.3	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	mg/l	0.0005	1	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Naphthalene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chloro-3-Methylphenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,6-Trichlorophenol	mg/l	0.0005	0.2	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Acenaphthylene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dimethylphthalate	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Acenaphthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fluorene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Pentachlorophenol	mg/l	0.0005	0.009	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phenanthrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fluoranthene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Pyrene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[a]anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Chrysene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[b]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[k]fluoranthene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[a]pyrene	mg/l	0.0005	0.00001	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dibenz(a,h)Anthracene	mg/l	0.0005	See BaP	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[g,h,i]perylene	mg/l	0.0005	See PAH Sum of 4	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101			No WSV	171	<0.01	<0.01	0										
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001

Assessment Criteria : ***Drinking Water Standard England and Wales/WHO***

CaCO (mg/l): **0.00** **pH** **0.00**

Calcium (mg/l): **0.00** **DOC (mg/l)** **0.00** **Catchment area:** **Drinking Water Standard**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C1S	P15	C2S	C2D	GW20	C7	BP28	CPB13	P14
									838898	838899	838900	838901	838902	838903	838904	838905	838906
									4.5m	1.5m	4.5m	17m	6m	17.3m	14.5m	15m	1.5m
									05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019
									Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Peat
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0										
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0										
Boron (Total)	mg/l	0.02	1	171	0.02	0.21	0										
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0										
Chromium (Total)	mg/l	0.001	0.05	171	0.001	0.02	0										
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0										
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0										
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0										
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0										
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0										
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0										
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0		0.009	0.00024	0.00024	<0.0001	0.0087	0.01	0.0075	0.0079	0.00011
Chromium (Hexavalent)	mg/l	0.02	See Total Chromium	171	0.001	<0.02	0		<0.001	0.001	0.001	0.002	<0.001	<0.001	<0.001	<0.001	0.003

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	Location	C3S	C3D	GW12	P12	C1S	C1D	BP12	C2D	C2S	BP23	C4S	C4D	BP27	PZ21	72754	72755	72756	72757	P1	P14	P12	PZ16	P13
									Sample ID	69227	69228	69229	69877	70795	70796	70797	71194	71195	72187	72188	72189	72190	72758	GW3	GW2	GW20	GW16D	60016	60017	60018	62157	61414
									Depth	4.6m	16.7m	12m	1.5m	4.39m	18.39m	16m	16.61m	4.42m	9.33m	4.4m	15.98m	14.82m	7.1m	WATERm	WATERm	WATERm	WATERm	1.5m	1.5m	1.5m	24.6m	1.5m
									Date	12-Nov-14	12-Nov-14	12-Nov-14	13-Nov-14	17-Nov-14	17-Nov-14	17-Nov-14	18-Nov-14	18-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	16-Oct-14	16-Oct-14	16-Oct-14	20-Oct-14	21-Oct-14
									Strata	Crag	Crag	Made Ground	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Peat	Peat	Peat	Crag	Peat
									Zone																							
pH		N/A	7 - 9.0	171	6.5	1100	6	BP23, 72187, 9.33m; BP6, 165546, 17.6m; C3S, 168449, 4.5m; BP28, 205960, 14.5m; GW2, 657930, 15m; BP28, 657973, 13m		7.7	7.8	7.4	8	8.5	7.6	7.4	7.4	7.5	6.8	7.6	7.7	7	7.8	7.9	7.4	7.8	8.2	7.7	7.6	8.2	7.8	7.6
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0			270	2000	9200	360	650	820	740	1000	690	680	180	4100	920	1300	890	560	390	560	920	1500	440	24000	750
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0			4100	4300	150	15	34	140	13	910	910	73	210	97	120	14	12	<5	47	<5	44	<5	8	240	1400
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0			1	2	3	11	<1	10	17	32	19	<1	<1	<1	1	14	12	11	16	15	<1	<1	4	<1	<1
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0			11	15	86	57	14	10	17	37	25	17	6	72	650	15	11	12	18	9	41	90	83	76	8
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0			170	110	930	140	82	350	210	420	90	91	45	150	170	240	180	80	160	220	400	460	150	160	75
Chloride	mg/l	1.0	N/A	171	<1	9500	0			66	700	3100	38	130	40	41	84	120	55	24	1500	65	340	110	49	21	50	170	320	38	9500	220
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	0.019	16	0																									
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	<0.01	20	0			0.14	0.21	13	6.4	0.054	0.11	0.049	0.9	0.36	5.8	7.1	9.2	9.2	4.6	8.8	14	6.5	4.6	0.79	0.64	1.5	5.2	0.022
Nitrite	mg/l	0.020	N/A	171	0.02	0.96	0																									
Nitrate	mg/l	0.50	N/A	171	<0.5	220	0			4.4	<0.5	<0.5	<0.5	66	<0.5	70	<0.5	9.1	150	12	<0.5	140	19	150	150	21	1.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0																									
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0																									
Sulphate	mg/l	1.0	N/A	171	<1	1400	0			15	31	<1	11	5.7	47	61	38	96	51	28	54	64	28	95	98	25	51	<1	<1	63	1400	1.6
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0																									
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	171	<5	2300	0			67	310	110	52	80	140	110	100	99	90	9.7	610	100	140	140	80	62	82	96	150	51	1500	90
Potassium	mg/l	0.50	N/A	171	<0.5	39	0			13	6.1	6.7	1.7	2.6	6.4	11	10	3.6	4.7	3.5	17	32	6.2	4.5	3.8	4.1	1.5	1.7	10	1.8	32	9.4
Magnesium	mg/l	0.50	N/A	171	0.98	490	0			10	22	6.4	3.2	8.2	9	7	25	9.8	9.5	4.6	42	8.1	11	23	23	10	6.9	9.9	13	4.5	490	25
Sodium	mg/l	0.50	N/A	171	0.66	2100	0			30	120	2100	19	52	34	27	90	73	25	23	280	35	170	39	19	12	41	62	99	22	1100	44
Arsenic (Dissolved)	mg/l	0.001	0.025	171	0.001	0.067	3	PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; C4D, 155737, 18m		0.0023	0.0029	0.012	0.0054	<0.001	0.0015	<0.001	0.0071	0.0025	<0.001	<0.001	0.012	<0.001	0.0011	<0.001	<0.001	<0.001	0.0011	<0.001	<0.001	<0.001	0.057	0.001
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0			0.096	<0.02	0.82	0.72	0.024	0.04	0.02	0.52	0.69	<0.02	<0.02	<0.02	0.076	0.02	0.029	0.026	0.053	0.041	0.091	0.025	0.052	0.11	0.91
Cadmium (Dissolved)	mg/l	0.00008	0.0002	171	<0.00008	0.0006	10	BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 284623, 14.4m; BP28, 324599, 15.5m; BP28, 657973, 13m; C3S, 660714, 5m; BP28, 838904, 14.5m		<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.067	0			0.0025	0.0066	0.035	0.067	0.0033	<0.001	0.0017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0021	0.0024	0.0013	<0.001	0.0013	<0.001	<0.001	<0.001	0.045	<0.001
Copper (Dissolved)	mg/l	0.001	0.00376	171	0.001	0.076	17	GW12, 69229, 12m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; BP7, 132765, 17.68m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; C4D, 155737, 18m; SD3, 205953, 15m; SD8, 205955, 17m; CPB13, 657921, 14m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; PZ1A, 838889, 1.8m		0.0015	<0.001	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0016	<0.001	<0.001	0.0013	<0.001	<0.001	0.0015	<0.001	0.03	<0.001
Manganese (Dissolved)	mg/l	0.001	N/A	171	0.001	5.3	0																									
Nickel (Dissolved)	mg/l	0.001	0.0086	171	0.001	0.03	15	72755, GW2, WATERm; BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P13, 168451, 1.5m; SD3, 205953, 15m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; C3S, 660714, 5m; PZ1A, 838889, 1.8m; C2S, 838900, 4.5m; C2D, 838901, 17m		0.0037	0.0062	0.0015	0.0012	<0.001	0.0015	<0.001	0.003	0.0031	<0.001	0.0012	0.0066	<0.001	<0.001	0.0011	0.0093	<0.001	<0.001	<0.001	0.0011	<0.001	<0.001	<0.001
Lead (Dissolved)	mg/l	0.001	0.0013	171	<0.001	0.0071	5	P13, 168451, 1.5m; C2S, 169383, 4.4m; SD3, 205953, 15m; PIEZ 1A, 657969, 1.8m; PZ1A, 838889, 1.8m		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	0.0079	171	<0.001	0.49	47	C3S, 69227, 4.6m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; PZ16, 62157, 24.6m; P3, 61931, 1.5m; C35, 62521, 4.94m; BP28, 93539, 14.5m; BP28, 132768, 14.5m; C3S, 152243, 4.9m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P14, 166089, 1.43m; P13, 168451, 1.5m; C2S, 169383, 4.4m; PZ_21, 169666, 7m; GW16D, 169667, 8m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD8, 205955, 17m; BP7, 205957, 18m; BP28, 205960, 14.5m; C7, 205961, 17m; BP28, 243749, 14.33m; C7, 284624, 16.8m; GR11B, 659889, 10m; C3S, 660714, 5m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m; P14, 838906, 1.5m		0.0086	0.0023	0.004	0.0043	<0.001	0.0026	0.0033	0.0023	0.0066	0.0076	0.0034	0.005	0.0053	0.018	0.0093	0.013	0.0079	0.006	<0.001	<0.001	<0.001	0.04	0.0027
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.000024	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	1	171	0.02	18	19	P12, 69877, 1.5m; C1D, 70796, 18.39m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P3, 61931, 1.5m; C4D, 62523, 15.3m; C2D, 62525, 18.6m; P13, 152241, 1.5m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; GW6S, 660717, 4m; PZ1A, 838889, 1.8m; PZ2009_18, 838891, 11m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m		0.05	<0.02	0.04	1.5	<0.02	1.1	<0.02	0.13	0.61	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.06	<0.02	<0.02	1.5	1.1	1.7	<0.02	<0.02
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0																									
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0																									
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	0.002	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	0.0001	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	0.0000063	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00000017	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0			<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	N/A	171	<0.001	<0.001	0			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0	
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0	
Trichloromethane	mg/l	0.001	0.0025	171	<0.001	<0.001	0	
1,1,1-Trichloroethane	mg/l	0.001	0.1	171	<0.001	<0.001	0	
Tetrachloromethane	mg/l	0.001	0.012	171	<0.001	<0.001	0	
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Benzene	mg/l	0.001	0.008	171	<0.001	<0.001	0	
1,2-Dichloroethane	mg/l	0.002	0.01	171	<0.002	<0.002	0	
Trichloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0	
1,2-Dichloropropane	mg/l	0.001	N/A	171	<0.001	<0.001	0	
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0	
Bromodichloromethane	mg/l	0.005	N/A	171	<0.005	<0.005	0	
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0	
Toluene	mg/l	0.001	0.074	171	<0.001	0.0019	0	
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0	
1,1,2-Trichloroethane	mg/l	0.01	0.3	171	<0.01	<0.01	0	
Tetrachloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0	
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0	
Dibromochloromethane	mg/l	0.01	N/A	171	<0.01	<0.01	0	
1,2-Dibromoethane	mg/l	0.005	N/A	171	<0.005	<0.005	0	
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0	
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0	
Ethylbenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0	
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0	
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0	
Styrene	mg/l	0.001	0.05	171	<0.001	<0.001	0	
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0	
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,4-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0	
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,2-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0	
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	171	<0.05	<0.05	0	
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0	
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0	
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Phenol	mg/l	0.0005	0.0077	171	<0.0005	<0.0005	0	
2-Chlorophenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0	
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
1,4-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0	
1,2-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0	
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4-Dichlorophenol	mg/l	0.0005	0.00042	171	<0.0005	<0.0005	0	
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Naphthalene	mg/l	0.0005	0.002	171	<0.0005	<0.0005	0	
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0	
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	171	<0.0005	<0.0005	0	
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Acenaphthylene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Dimethylphthalate	mg/l	0.0005	0.8	171	<0.0005	<0.0005	0	
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Acenaphthene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Fluorene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0	
Pentachlorophenol	mg/l	0.0005	0.0004	171	<0.0005	<0.0005	0	
Phenanthrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Anthracene	mg/l	0.0005	0.0001	171	<0.0005	<0.0005	0	
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Fluoranthene	mg/l	0.0005	0.0000063	171	<0.0005	<0.0005	0	
Pyrene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	

Location	C3S	C3D	GW12	P12	C1S	C1D	BP12	C2D	C2S	BP23	C4S	C4D	BP27	PZ21	72754	72755	72756	72757	P1	P14	P12	PZ16	P13
Sample ID	69227	69228	69229	69877	70795	70796	70797	71194	71195	72187	72188	72189	72190	72758	GW3	GW2	GW20	GW16D	60016	60017	60018	62157	61414
Depth	4.6m	16.7m	12m	1.5m	4.39m	18.39m	16m	16.61m	4.42m	9.33m	4.4m	15.98m	14.82m	7.1m	WATERm	WATERm	WATERm	WATERm	1.5m	1.5m	1.5m	24.6m	1.5m
Date	12-Nov-14	12-Nov-14	12-Nov-14	13-Nov-14	17-Nov-14	17-Nov-14	17-Nov-14	18-Nov-14	18-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	16-Oct-14	16-Oct-14	16-Oct-14	20-Oct-14	21-Oct-14
Strata	Crag	Crag	Made Ground	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Peat	Peat	Peat	Crag	Peat
Zone																							
Chloroethane	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.005	<0.005
Trichloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0019	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine																							
Phenol																							
2-Chlorophenol																							
Bis-(2-Chloroethyl)Ether																							
1,3-Dichlorobenzene																							
1,4-Dichlorobenzene																							
1,2-Dichlorobenzene																							
2-Methylphenol (o-Cresol)																							
Bis(2-Chloroisopropyl)Ether																							
Hexachloroethane																							
N-Nitrosodi-n-propylamine																							
4-Methylphenol																							
Nitrobenzene																							
Isophorone																							
2-Nitrophenol																							
2,4-Dimethylphenol																							
Bis(2-Chloroethoxy)Methane																							
2,4-Dichlorophenol																							
1,2,4-Trichlorobenzene																							
Naphthalene																							
4-Chloroaniline																							
Hexachlorobutadiene																							
4-Chloro-3-Methylphenol																							
2-Methylnaphthalene																							
Hexachlorocyclopentadiene																							
2,4,6-Trichlorophenol																							
2,4,5-Trichlorophenol																							
2-Chloronaphthalene																							
2-Nitroaniline																							
Acenaphthylene																							
Dimethylphthalate																							
2,6-Dinitrotoluene																							
Acenaphthene																							
3-Nitroaniline																							
Dibenzofuran																							
4-Chlorophenylphenylether																							
2,4-Dinitrotoluene																							
Fluorene																							
Diethyl Phthalate																							
4-Nitroaniline																							
2-Methyl-4,6-Dinitrophenol																							
Azobenzene																							
4-Bromophenylphenyl Ether																							
Hexachlorobenzene																							
Pentachlorophenol																							
Phenanthrene																							
Anthracene																							
Carbazole																							
Di-N-Butyl Phthalate																							
Fluoranthene																							
Pyrene																							

Assessment Criteria : ***Coastal and Estuarine EQS***

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[a]anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Chrysene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Benzo[a]pyrene	mg/l	0.0005	0.00000017	171	<0.0005	<0.0005	0	
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 101			No WSV	171	<0.01	<0.01	0	
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0	
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0	
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0	
Boron (Total)	mg/l	0.02	7	171	0.02	0.21	0	
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0	
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.02	0	
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0	
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0	
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0	
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0	
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0	
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0	
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0	
Chromium (Hexavalent)	mg/l	0.02	0.0006	171	0.001	<0.02	18	PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; P14, 838906, 1.5m

Location	C3S	C3D	GW12	P12	C1S	C1D	BP12	C2D	C2S	BP23	C4S	C4D	BP27	PZ21	72754	72755	72756	72757	P1	P14	P12	PZ16	P13
Sample ID	69227	69228	69229	69877	70795	70796	70797	71194	71195	72187	72188	72189	72190	72758	GW3	GW2	GW20	GW16D	60016	60017	60018	62157	61414
Depth	4.6m	16.7m	12m	1.5m	4.39m	18.39m	16m	16.61m	4.42m	9.33m	4.4m	15.98m	14.82m	7.1m	WATERm	WATERm	WATERm	WATERm	1.5m	1.5m	1.5m	24.6m	1.5m
Date	12-Nov-14	12-Nov-14	12-Nov-14	13-Nov-14	17-Nov-14	17-Nov-14	17-Nov-14	18-Nov-14	18-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	19-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	20-Nov-14	16-Oct-14	16-Oct-14	16-Oct-14	20-Oct-14	21-Oct-14
Strata	Crag	Crag	Made Ground	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Peat	Peat	Peat	Crag	Peat
Zone																							
Butylbenzyl Phthalate																							
Benzo[a]anthracene																							
Chrysene																							
Bis(2-Ethylhexyl)Phthalate																							
Di-N-Octyl Phthalate																							
Benzo[b]fluoranthene																							
Benzo[k]fluoranthene																							
Benzo[a]pyrene																							
Indeno(1,2,3-c,d)Pyrene																							
Dibenz(a,h)Anthracene																							
Benzo[g,h,i]perylene																							
4-Nitrophenol																							
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81																							
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77																							
PCB 101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB 105																							
PCB 90+101																							
PCB 114																							
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118																							
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123																							
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126																							
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 156																							
PCB 157																							
PCB 167																							
PCB 169																							
PCB 189																							
Total PCBs (12 Congeners)																							
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)																							
Arsenic (Total)																							
Boron (Total)																							
Cadmium (Total)																							
Chromium (Total)																							
Copper (Total)																							
Iron (Total)																							
Manganese (Total)																							
Nickel (Total)																							
Lead (Total)																							
Zinc (Total)																							
Chromium (Trivalent)																							
Chromium (Hexavalent)																							

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	P10	P8	P9	P15	P3	GW9S	GW9D	C35	C3D	C4D	C45	C2D	BP6	BP7	BP9	BP27	BP28	BP6	BP7	BP9	BP27	BP28	C7	P9	P12	P13
									61415	61416	61417	61930	61931	61932	61933	62521	62522	62523	62524	62525	93535	93536	93537	93538	93539	132764	132765	132766	132767	132768	132769	152239	152240	152241
									1.5m	1.5m	1.5m	1.5m	1.5m	4.48m	6m	4.94m	17m	15.3m	4.4m	18.6m	17.8m	18m	17.8m	15.93m	14.5m	17.6m	17.68m	16.2m	15.5m	14.5m	17.2m	1.5m	1.5m	1.5m
									21-Oct-14	21-Oct-14	21-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	22-Jan-15	22-Jan-15	22-Jan-15	21-Jan-15	21-Jan-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	10-Jun-15	10-Jun-15	10-Jun-15
									Peat	Peat	Peat	Peat	Peat	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Peat	Peat
pH		N/A	7 - 9.0	171	6.5	1100	6	BP23, 72187, 9.33m; BP6, 165546, 17.6m; C3S, 168449, 4.5m; BP28, 205960, 14.5m; GW2, 657930, 15m; BP28, 657973, 13m	7	7.4	7.7	8	8.4	8.3	8.2	8.5	7.9	7.9	8.8	8.3	8	8	8.1	8.1	8.1	7.9	7.9	8.1	8	7.7	7.6	7.9	8.1	7.7
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0		4900	1400	940	600	560	1900	1800	250	2900	2900	180	940	1100	910	780	920	580	1100	860	810	940	540	960	960	270	640
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0		67	38	37	66	57	130	140	110	100	72	61	250	350	420	56	36	51	25	21	12	8	18	23	15	<5	46
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0		<1	5	4	7.2	72	27	27	<1	3	3	1	1												5.5	14	8.6
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0		19	86	23	7	72	27	27	1	10	10	10	17												16	31	30
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0		55	380	380	660	240	760	760	36	77	200	40	580	240	230	110	200	21	150	190	150	200	35	210	400	110	53
Chloride	mg/l	1.0	N/A	171	<1	9500	0		1700	280	80	42	38	460	410	65	980	830	26	88	87	71	68	61	59	90	63	80	75	60	86	83	31	210
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	0.019	16	0																											
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	<0.01	20	0		0.15	1.7	0.23	0.55	2.8	7.3	6.7	0.27	0.37	0.22	0.61	0.77	0.084	0.07	0.077	0.067	0.21	0.32	0.4	0.18	0.14	0.2	0.16	0.8	1.1	0.43
Nitrite	mg/l	0.020	N/A	171	0.02	0.96	0														<0.02	<0.02	<0.02	<0.02	<0.02	0.15	0.15	0.16	0.16	0.15	0.16			
Nitrate	mg/l	0.50	N/A	171	<0.5	220	0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.6	<0.5	<0.5	12	<0.5	190	110	130	140	120	190	99	130	150	110	150	<0.5	<0.5	<0.5
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0																											
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0																											
Sulphate	mg/l	1.0	N/A	171	<1	1400	0		6.1	18	81	<1	65	<1	<1	16	28	46	29	50	70	73	68	64	58	68	64	74	67	62	99	100	14	<1
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0																											
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005												<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	171	<5	2300	0		970	280	240	220	220	180	180	<5	430	590	5.5	150	210	160	100	140	56	150	110	74	87	41	99	120	110	80
Potassium	mg/l	0.50	N/A	171	<0.5	39	0		18	2.4	2.9	4.9	3.3	35	33	7.3	5.7	21	4	9.1	<0.5	<0.5	3.9	32	8.6	0.83	<0.5	4.1	19	7.6	1.8	10	3.2	8.6
Magnesium	mg/l	0.50	N/A	171	0.98	490	0		93	24	14	9.1	9.6	44	52	5.4	28	34	5.1	23	9.6	5.4	14	9.3	9.9	8.2	7.8	12	6.3	10	13	12	7.2	16
Sodium	mg/l	0.50	N/A	171	0.66	2100	0		270	190	52	28	20	380	330	39	190	220	23	160	22	18	16	33	24	18	15	15	19	19	16	55	29	36
Arsenic (Dissolved)	mg/l	0.001	0.025	171	0.001	0.067	3	PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; C4D, 155737, 18m	0.01	0.0014	<0.001	<0.001	0.0079	0.037	0.003	<0.001	0.0036	0.0034	<0.001	<0.001	<0.001	<0.001	0.0013	<0.001	<0.001	0.002	0.0016	0.0034	0.0012	0.0011	0.0011	<0.001	<0.001	0.0073
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0		0.67	0.69	0.89	1.1	0.78	1.4	1.3	0.84	0.7	0.77	0.99	0.79	<0.02	<0.02	0.026	0.11	0.061	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.046	0.049	0.038
Cadmium (Dissolved)	mg/l	0.00008	0.0002	171	<0.00008	0.0006	10	BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 284623, 14.4m; BP28, 324599, 15.5m; BP28, 657973, 13m; C3S, 660714, 5m; BP28, 838904, 14.5m	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00057	<0.00008	<0.00008	<0.00008	<0.00008	0.0006	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.067	0		0.0078	<0.001	<0.001	0.0085	0.0063	0.012	0.0093	<0.001	0.0021	0.0037	<0.001	<0.001	0.0025	0.0023	0.0028	0.0017	0.0027	0.0088	0.0086	0.0079	0.006	0.0053	0.0068	0.0068	0.0059	0.0039
Copper (Dissolved)	mg/l	0.001	0.00376	171	0.001	0.076	17	GW12, 69229, 12m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; BP7, 132765, 17.68m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; C4D, 155737, 18m; SD3, 205953, 15m; SD8, 205955, 17m; CPB13, 657921, 14m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; PZ1A, 838889, 1.8m	0.0018	<0.001	<0.001	<0.001	0.0033	0.004	0.0033	<0.001	0.0013	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0012	0.0047	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese (Dissolved)	mg/l	0.001	N/A	171	0.001	5.3	0																											
Nickel (Dissolved)	mg/l	0.001	0.0086	171	0.001	0.03	15	72755, GW2, WATERm; BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P13, 168451, 1.5m; SD3, 205953, 15m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; C3S, 660714, 5m; PZ1A, 838889, 1.8m; C2S, 838900, 4.5m; C2D, 838901, 17m	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0031	0.0016	<0.001	<0.001	<0.001	<0.001	<0.001	0.018	<0.001	<0.001	0.001	<0.001	0.016	<0.001	<0.001	<0.001	0.0058
Lead (Dissolved)	mg/l	0.001	0.0013	171	<0.001	0.0071	5	P13, 168451, 1.5m; C2S, 169383, 4.4m; SD3, 205953, 15m; PIEZ 1A, 657969, 1.8m; PZ1A, 838889, 1.8m	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	0.0079	171	<0.001	0.49	47	C3S, 69227, 4.6m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; PZ16, 62157, 24.6m; P3, 61931, 1.5m; C35, 62521, 4.94m; BP28, 93539, 14.5m; BP28, 132768, 14.5m; C3S, 152243, 4.9m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P14, 166089, 1.43m; P13, 168451, 1.5m; C2S, 169383, 4.4m; PZ_21, 169666, 7m; GW16D, 169667, 8m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD8, 205955, 17m; BP7, 205957, 18m; BP28, 205960, 14.5m; C7, 205961, 17m; BP28, 243749, 14.33m; C7, 284624, 16.8m; GR11B, 659889, 10m; C3S, 660714, 5m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m; P14, 838906, 1.5m	0.0058	<0.001	0.0025	0.0061	0.01	0.0048	0.0039	0.011	0.0059	0.0058	0.0028	0.0035	0.0044	0.0035	0.0067	0.0034	0.015	0.0071	0.0019	0.0052	0.0031	0.014	0.004	0.0066	0.0053	0.0022
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.000013	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	1	171	0.02	18	19	P12, 69877, 1.5m; C1D, 70796, 18.39m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P3, 61931, 1.5m; C4D, 62523, 15.3m; C2D, 62525, 18.6m; P13, 152241, 1.5m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; GW6S, 660717, 4m; PZ1A, 838889, 1.8m; PZ2009_18, 838891, 11m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	2.9	0.33	<0.02	0.07	5.6	0.03	<0.02	0.29	0.22	1.1	1	3.6	<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.48	0.25	18
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0																											
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0														<2.5	<2.5	<2.5	<2.5	<2.5	<2	<2	<2	<2	<2	<2	7.3	14	7.9
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	4	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01												<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	0.002	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	0.0001	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	0.0000063	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00000017	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Assessment Criteria : ***Coastal and Estuarine EQS***

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0	
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0	
Trichloromethane	mg/l	0.001	0.0025	171	<0.001	<0.001	0	
1,1,1-Trichloroethane	mg/l	0.001	0.1	171	<0.001	<0.001	0	
Tetrachloromethane	mg/l	0.001	0.012	171	<0.001	<0.001	0	
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Benzene	mg/l	0.001	0.008	171	<0.001	<0.001	0	
1,2-Dichloroethane	mg/l	0.002	0.01	171	<0.002	<0.002	0	
Trichloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0	
1,2-Dichloropropane	mg/l	0.001	N/A	171	<0.001	<0.001	0	
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0	
Bromodichloromethane	mg/l	0.005	N/A	171	<0.005	<0.005	0	
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0	
Toluene	mg/l	0.001	0.074	171	<0.001	0.0019	0	
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0	
1,1,2-Trichloroethane	mg/l	0.01	0.3	171	<0.01	<0.01	0	
Tetrachloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0	
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0	
Dibromochloromethane	mg/l	0.01	N/A	171	<0.01	<0.01	0	
1,2-Dibromoethane	mg/l	0.005	N/A	171	<0.005	<0.005	0	
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0	
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0	
Ethylbenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0	
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0	
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0	
Styrene	mg/l	0.001	0.05	171	<0.001	<0.001	0	
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0	
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,4-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0	
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
1,2-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0	
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	171	<0.05	<0.05	0	
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0	
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0	
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Phenol	mg/l	0.0005	0.0077	171	<0.0005	<0.0005	0	
2-Chlorophenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0	
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
1,4-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0	
1,2-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0	
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4-Dichlorophenol	mg/l	0.0005	0.00042	171	<0.0005	<0.0005	0	
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Naphthalene	mg/l	0.0005	0.002	171	<0.0005	<0.0005	0	
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0	
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	171	<0.0005	<0.0005	0	
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Acenaphthylene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Dimethylphthalate	mg/l	0.0005	0.8	171	<0.0005	<0.0005	0	
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Acenaphthene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Fluorene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0	
Pentachlorophenol	mg/l	0.0005	0.0004	171	<0.0005	<0.0005	0	
Phenanthrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Anthracene	mg/l	0.0005	0.0001	171	<0.0005	<0.0005	0	
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Fluoranthene	mg/l	0.0005	0.0000063	171	<0.0005	<0.0005	0	
Pyrene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	

	P10	P8	P9	P15	P3	GW9S	GW9D	C35	C3D	C4D	C45	C2D	BP6	BP7	BP9	BP27	BP28	BP6	BP7	BP9	BP27	BP28	C7	P9	P12	P13
	61415	61416	61417	61930	61931	61932	61933	62521	62522	62523	62524	62525	93535	93536	93537	93538	93539	132764	132765	132766	132767	132768	132769	152239	152240	152241
	1.5m	1.5m	1.5m	1.5m	1.5m	4.48m	6m	4.94m	17m	15.3m	4.4m	18.6m	17.8m	18m	17.8m	15.93m	14.5m	17.6m	17.68m	16.2m	15.5m	14.5m	17.2m	1.5m	1.5m	1.5m
	21-Oct-14	21-Oct-14	21-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	22-Jan-15	22-Jan-15	22-Jan-15	21-Jan-15	21-Jan-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	10-Jun-15	10-Jun-15	10-Jun-15
	Peat	Peat	Peat	Peat	Peat	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Peat	Peat
Constituents																										
Chloroethane	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine																										
Phenol																										
2-Chlorophenol																										
Bis-(2-Chloroethyl)Ether																										
1,3-Dichlorobenzene																										
1,4-Dichlorobenzene																										
1,2-Dichlorobenzene																										
2-Methylphenol (o-Cresol)																										
Bis(2-Chloroisopropyl)Ether																										
Hexachloroethane																										
N-Nitrosodi-n-propylamine																										
4-Methylphenol																										
Nitrobenzene																										
Isophorone																										
2-Nitrophenol																										
2,4-Dimethylphenol																										
Bis(2-Chloroethoxy)Methane																										
2,4-Dichlorophenol																										
1,2,4-Trichlorobenzene																										
Naphthalene																										
4-Chloroaniline																										
Hexachlorobutadiene																										
4-Chloro-3-Methylphenol																										
2-Methylnaphthalene																										
Hexachlorocyclopentadiene																										
2,4,6-Trichlorophenol																										
2,4,5-Trichlorophenol																										
2-Chloronaphthalene																										
2-Nitroaniline																										
Acenaphthylene																										
Dimethylphthalate																										
2,6-Dinitrotoluene																										
Acenaphthene																										
3-Nitroaniline																										
Dibenzofuran																										
4-Chlorophenylphenylether																										
2,4-Dinitrotoluene																										
Fluorene																										
Diethyl Phthalate																										
4-Nitroaniline																										
2-Methyl-4,6-Dinitrophenol																										
Azobenzene																										
4-Bromophenylphenyl Ether																										
Hexachlorobenzene																										
Pentachlorophenol																										
Phenanthrene																										
Anthracene																										
Carbazole																										
Di-N-Butyl Phthalate																										
Fluoranthene																										
Pyrene																										

Assessment Criria : ***Coastal and Estuarine EQS***

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[a]anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Chrysene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Benzo[a]pyrene	mg/l	0.0005	0.00000017	171	<0.0005	<0.0005	0	
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 101			No WSV	171	<0.01	<0.01	0	
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0	
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0	
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0	
Boron (Total)	mg/l	0.02	7	171	0.02	0.21	0	
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0	
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.02	0	
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0	
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0	
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0	
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0	
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0	
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0	
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0	
Chromium (Hexavalent)	mg/l	0.02	0.0006	171	0.001	<0.02	18	PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; P14, 838906, 1.5m

Constituents	P10	P8	P9	P15	P3	GW9S	GW9D	C35	C3D	C4D	C45	C2D	BP6	BP7	BP9	BP27	BP28	BP6	BP7	BP9	BP27	BP28	C7	P9	P12	P13
	61415	61416	61417	61930	61931	61932	61933	62521	62522	62523	62524	62525	93535	93536	93537	93538	93539	132764	132765	132766	132767	132768	132769	152239	152240	152241
	1.5m	1.5m	1.5m	1.5m	1.5m	4.48m	6m	4.94m	17m	15.3m	4.4m	18.6m	17.8m	18m	17.8m	15.93m	14.5m	17.6m	17.68m	16.2m	15.5m	14.5m	17.2m	1.5m	1.5m	1.5m
	21-Oct-14	21-Oct-14	21-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	22-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	23-Oct-14	22-Jan-15	22-Jan-15	22-Jan-15	21-Jan-15	21-Jan-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	23-Apr-15	10-Jun-15	10-Jun-15	10-Jun-15
	Peat	Peat	Peat	Peat	Peat	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Peat	Peat
Butylbenzyl Phthalate																										
Benzo[a]anthracene																										
Chrysene																										
Bis(2-Ethylhexyl)Phthalate																										
Di-N-Octyl Phthalate																										
Benzo[b]fluoranthene																										
Benzo[k]fluoranthene																										
Benzo[a]pyrene																										
Indeno(1,2,3-c,d)Pyrene																										
Dibenz(a,h)Anthracene																										
Benzo[g,h,i]perylene																										
4-Nitrophenol																										
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 81																										
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 77																										
PCB 101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01												<0.01	<0.01	<0.01
PCB 105																										
PCB 90+101																										
PCB 114																										
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 118																										
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 123																										
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 126																										
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
PCB 156																										
PCB 157																										
PCB 167																										
PCB 169																										
PCB 189																										
Total PCBs (12 Congeners)																										
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03												<0.03	<0.03	<0.03
Nitrogen (Total)																										
Arsenic (Total)																										
Boron (Total)																										
Cadmium (Total)																										
Chromium (Total)																										
Copper (Total)																										
Iron (Total)																										
Manganese (Total)																										
Nickel (Total)																										
Lead (Total)																										
Zinc (Total)																										
Chromium (Trivalent)																										
Chromium (Hexavalent)																										

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
pH		N/A	7 - 9.0	171	6.5	1100	6	BP23, 72187, 9.33m; BP6, 165546, 17.6m; C3S, 168449, 4.5m; BP28, 205960, 14.5m; GW2, 657930, 15m; BP28, 657973, 13m
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0	
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0	
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0	
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0	
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0	
Chloride	mg/l	1.0	N/A	171	<1	9500	0	
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	0.019	16	0	
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	<0.01	20	0	
Nitrite	mg/l	0.020	N/A	171	0.02	0.96	0	
Nitrate	mg/l	0.50	N/A	171	<0.5	220	0	
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0	
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0	
Sulphate	mg/l	1.0	N/A	171	<1	1400	0	
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0	
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0	
Calcium	mg/l	5.0	N/A	171	<5	2300	0	
Potassium	mg/l	0.50	N/A	171	<0.5	39	0	
Magnesium	mg/l	0.50	N/A	171	0.98	490	0	
Sodium	mg/l	0.50	N/A	171	0.66	2100	0	
Arsenic (Dissolved)	mg/l	0.001	0.025	171	0.001	0.067	3	PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; C4D, 155737, 18m
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0	
Cadmium (Dissolved)	mg/l	0.00008	0.0002	171	<0.00008	0.0006	10	BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 284623, 14.4m; BP28, 324599, 15.5m; BP28, 657973, 13m; C3S, 660714, 5m; BP28, 838904, 14.5m
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.067	0	
Copper (Dissolved)	mg/l	0.001	0.00376	171	0.001	0.076	17	GW12, 69229, 12m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; BP7, 132765, 17.68m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; C4D, 155737, 18m; SD3, 205953, 15m; SD8, 205955, 17m; CPB13, 657921, 14m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; PZ1A, 838889, 1.8m
Manganese (Dissolved)	mg/l	0.001	N/A	171	0.001	5.3	0	
Nickel (Dissolved)	mg/l	0.001	0.0086	171	0.001	0.03	15	72755, GW2, WATERm; BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P13, 168451, 1.5m; SD3, 205953, 15m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; C3S, 660714, 5m; PZ1A, 838889, 1.8m; C2S, 838900, 4.5m; C2D, 838901, 17m
Lead (Dissolved)	mg/l	0.001	0.0013	171	<0.001	0.0071	5	P13, 168451, 1.5m; C2S, 169383, 4.4m; SD3, 205953, 15m; PIEZ 1A, 657969, 1.8m; PZ1A, 838889, 1.8m
Zinc (Dissolved)	mg/l	0.001	0.0079	171	<0.001	0.49	47	C3S, 69227, 4.6m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; PZ16, 62157, 24.6m; P3, 61931, 1.5m; C35, 62521, 4.94m; BP28, 93539, 14.5m; BP28, 132768, 14.5m; C3S, 152243, 4.9m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P14, 166089, 1.43m; P13, 168451, 1.5m; C2S, 169383, 4.4m; PZ_21, 169666, 7m; GW16D, 169667, 8m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD8, 205955, 17m; BP7, 205957, 18m; BP28, 205960, 14.5m; C7, 205961, 17m; BP28, 243749, 14.33m; C7, 284624, 16.8m; GR11B, 659889, 10m; C3S, 660714, 5m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m; P14, 838906, 1.5m
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0	
Iron (Dissolved)	mg/l	0.02	1	171	0.02	18	19	P12, 69877, 1.5m; C1D, 70796, 18.39m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P3, 61931, 1.5m; C4D, 62523, 15.3m; C2D, 62525, 18.6m; P13, 152241, 1.5m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; GW6S, 660717, 4m; PZ1A, 838889, 1.8m; PZ2009_18, 838891, 11m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0	
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0	
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0	
Naphthalene	mg/l	0.0001	0.002	171	<0.00001	<0.0001	0	
Acenaphthylene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0	
Acenaphthene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0	
Fluorene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0	
Phenanthrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0	
Anthracene	mg/l	0.0001	0.0001	171	<0.00001	<0.0001	0	
Fluoranthene	mg/l	0.0001	0.0000063	171	<0.00001	<0.0001	0	
Pyrene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0	
Benzo[a]anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0	
Chrysene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0	
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0	
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0	
Benzo[a]pyrene	mg/l	0.0001	0.00000017	171	<0.00001	<0.0001	0	
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0	
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0	
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0	
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0	
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0	
Vinyl Chloride	mg/l	0.001	N/A	171	<0.001	<0.001	0	
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0	

Constituents	C3D	C3S	P8	BP23	BP27	BP28	C7	PZ18	C2D	C2S	GW9D	GW9S	C4S
	152242	152243	152748	152749	152750	152751	152752	154534	154535	154536	154537	154538	155736
	16.7m	4.9m	1.5m	9.5m	15m	14.5m	17m	11.426m	16.64m	4.42m	16.36m	4.5m	4.4m
	10-Jun-15	10-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	17-Jun-15
	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Crag
pH	7.7	7.7	8.4	8.8	8.6	8.4	8.2	7.4	8.2	8.2	7.8	8.1	9
Electrical Conductivity	1300	1100	1400	580	930	570	980	6900	800	610	3600	1600	170
Suspended Solids At 105C	90	21	54	830	<5	830	630	95	540	330	240	160	11
Biochemical Oxygen Demand Low Level	<1	<1	12	<1	<1	2.8	1.9	2	2	1	1	4	<1
Chemical Oxygen Demand Low Level	9	11	47	2	4	11	8	22	23	11	32	26	<1
Alkalinity (Total)	56	18	460	79	200	28	190	100	250	45	310	380	<10
Chloride	400	380	270	49	74	58	80	2400	67	110	1200	320	24
Ammoniacal Nitrogen			1.9	0.43	0.3	0.43	0.58	0.076	0.026	0.078	5.1	3.7	0.03
Ammonium	0.49	0.53	2.5	0.55	0.39	0.55	0.74	0.098	0.033	0.1	6.5	4.8	0.039
Nitrite			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.13	<0.02	<0.02	<0.02
Nitrate	<0.5	5.6	<0.5	93	160	120	160	<0.5	<0.5	19	<0.5	<0.5	14
Phosphate			0.055	0.17	0.14	0.093	0.08	0.05	0.054	0.054	0.059	0.057	0.18
Phosphorus (Total)			<0.02	0.057	0.047	0.031	0.027	<0.02	<0.02	<0.02	<0.02	<0.02	0.06
Sulphate	35	28	25	68	60	59	94	66	11	100	10	<1	26
Total Oxidised Nitrogen			<0.2	21	36	27	36	<0.2	<0.2	4.3	<0.2	<0.2	3.2
Cyanide (Free) Low-Level	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	160	51	230	76	110	63	120	940	140	93	240	140	6.1
Potassium	5.7	9.4	8.1	6.2	26	14	4.5	19	6.7	4.7	31	25	2.4
Magnesium	14	31	18	13	7.8	9.9	16	69	18	12	60	37	6.5
Sodium	74	170	67	29	31	31	27	440	78	71	550	240	23
Arsenic (Dissolved)	0.0034	0.0013	0.0016	<0.001	<0.001	<0.001	<0.001	0.021	0.0028	0.0015	0.011	0.017	0.001
Boron (Dissolved)	<0.02	0.033	0.54	0.6	0.81	0.81	0.065	0.44	0.43	0.66	0.95	0.81	0.027
Cadmium (Dissolved)	<0.00008	0.00011	<0.00008	<0.00008	<0.00008	0.00049	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	0.0051	0.012	0.0048	0.0013	0.0019	0.0012	0.0025	0.034	0.0079	0.0044	0.014	0.0091	0.0014
Copper (Dissolved)	<0.001	0.0022	<0.001	<0.001	<0.001	<0.001	<0.001	0.0055	0.001	<0.001	0.0054	0.0029	<0.001
Manganese (Dissolved)													
Nickel (Dissolved)	<0.001	0.0068	<0.001	<0.001	<0.001	0.017	0.0014	0.0093	0.0014	0.0021	0.0037	0.0012	0.0021
Lead (Dissolved)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	0.004	0.014	<0.001	<0.001	0.0012	0.0098	0.0027	0.027	0.0045	0.0059	0.0033	0.0024	0.0041
Mercury Low Level	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	0.9	0.1	0.59	0.17	0.38	0.17	0.4	<0.02	0.02	0.04	<0.02	0.04	<0.02
Dissolved Organic Carbon													
Total Organic Carbon	2.9	6.2	19	6.9	5.8	3.8	<2	12	15	16	16	19	4.2
Total TPH >C6-C40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Constituents	C4D	BP12	P10	P15	P3	C1S	C1D	C1D	C1S	BP6	BP7	BP9
	155737	155738	155739	155773	155774	155775	155776	165544	165545	165546	165547	165548
	18m	10.54m	1.5m	1.4m	1.4m	4.39m	18.39m	17.3m	4.39m	17.6m	17.7m	16.25m
	17-Jun-15	17-Jun-15	17-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15
	Crag	Crag	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag
pH	7.8	8.7	8	8.6	8.2	8.4	8.1	7.4	8.1	1100	7.6	7.6
Electrical Conductivity	16	690	4300	620	760	650	750	810	620	1100	780	750
Suspended Solids At 105C	220	23	27	93	150	<5	28	93	49	340	<5	38
Biochemical Oxygen Demand Low Level	2.3	<1	4.6	<1	<1	<1	<1	4	1	<1	1	<1
Chemical Oxygen Demand Low Level	70	<1	14	<1	<1	17	<1	8.3	5.4	1.8	6	7.3
Alkalinity (Total)	130	220	25	65	380	310	390	480	110	220	240	140
Chloride	6700	55	1700	140	41	45	41	40	130	83	60	76
Ammoniacal Nitrogen	0.093	0.019	0.086	0.02	0.043	0.78	0.25	0.072	0.093	0.11	0.12	0.1
Ammonium	0.12	0.025	0.11	0.026	0.055	1	0.32	0.093	0.12	0.14	0.15	0.13
Nitrite	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.023	0.025	0.02	<0.02
Nitrate	<0.5	66	<0.5	61	<0.5	<0.5	<0.5	<0.5	6.9	29	85	140
Phosphate	0.05	0.18	0.052	0.16	0.055	0.17	0.052	0.075	0.19	0.077	0.1	0.64
Phosphorus (Total)	<0.02	0.06	<0.02	0.053	<0.02	0.057	<0.02	0.025	0.063	0.026	0.033	0.21
Sulphate	160	62	7	6	48	6.7	4.4	47	5.5	73	68	77
Total Oxidised Nitrogen	<0.2	15	<0.2	14	<0.2	<0.2	<0.2	<0.2	1.6	6.6	19	32
Cyanide (Free) Low-Level	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	2300	120	550	72	130	110	130	130	76	170	130	110
Potassium	19	10	15	2.3	5.3	2.5	3.2	5.6	2.2	0.71	<0.5	6.2
Magnesium	170	9.9	68	9	9.1	13	9.2	8.7	8.8	7.8	7.7	15
Sodium	1300	31	210	47	30	21	27	30	45	22	22	22
Arsenic (Dissolved)	0.067	0.0025	0.011	0.0015	0.002	0.0034	0.0011	0.001	<0.001	<0.001	<0.001	<0.001
Boron (Dissolved)	0.038	0.038	0.029	<0.02	0.04	0.027	0.048	0.49	0.48	0.57	0.53	0.53
Cadmium (Dissolved)	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	0.064	0.017	0.031	0.015	0.0081	0.0071	0.0077	0.0021	0.0034	0.0035	0.0027	0.0029
Copper (Dissolved)	0.014	<0.001	0.0023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese (Dissolved)												
Nickel (Dissolved)	0.03	0.0014	0.0017	<0.001	0.0027	0.0028	0.0031	0.001	<0.001	<0.001	<0.001	<0.001
Lead (Dissolved)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	0.01	0.0043	0.0048	0.0061	0.0064	0.0052	0.0037	0.0021	<0.001	0.0019	0.0022	0.0025
Mercury Low Level	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.000016	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	<0.02	<0.02	<0.02	<0.02	<0.02	0.06	<0.02	0.11	<0.02	<0.02	<0.02	<0.02
Dissolved Organic Carbon												
Total Organic Carbon	3.3	3.2	2.7	2.9	3.5	11	8.6	10	7.3	9.9	7.2	7.1
Total TPH >C6-C40	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Assessment Criteria : ***Coastal and Estuarine EQS***

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	C3D	C3S	P8	BP23	BP27	BP28	C7	PZ18	C2D	C2S	GW9D	GW9S	C4S	C4D	BP12	P10	P15	P3	C1S	C1D	C1D	C1S	BP6	BP7	BP9
									152242	152243	152748	152749	152750	152751	152752	154534	154535	154536	154537	154538	155736	155737	155738	155739	155773	155774	155775	155776	165544	165545	165546	165547	165548
									16.7m	4.9m	1.5m	9.5m	15m	14.5m	17m	11.426m	16.64m	4.42m	16.36m	4.5m	4.4m	18m	10.54m	1.5m	1.4m	1.4m	4.39m	18.39m	17.3m	4.39m	17.6m	17.7m	16.25m
									10-Jun-15	10-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	17-Jun-15	17-Jun-15	17-Jun-15	17-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15
									Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Crag	Crag	Crag	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	0.0025	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	0.1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.012	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.008	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.01	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.074	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	0.3	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.05	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Phenol	mg/l	0.0005	0.0077	171	<0.0005	<0.0005	0																										
2-Chlorophenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0																										
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
1,4-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0																										
1,2-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0																										
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2,4-Dichlorophenol	mg/l	0.0005	0.00042	171	<0.0005	<0.0005	0																										
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Naphthalene	mg/l	0.0005	0.002	171	<0.0005	<0.0005	0																										
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0																										
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	171	<0.0005	<0.0005	0																										
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																										
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Acenaphthylene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																										
Dimethylphthalate	mg/l	0.0005	0.8	171	<0.0005	<0.0005	0																										
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Acenaphthene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																										
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Fluorene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																										
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0																										
Pentachlorophenol	mg/l	0.0005	0.0004	171	<0.0005	<0.0005	0																										
Phenanthrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0																										
Anthracene	mg/l	0.0005	0.0001	171	<0.0005	<0.0005	0																										
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																										
Fluoranthene	mg/l	0.0005	0.0000063	171	<0.0005	<0.0005	0																										
Pyrene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																										

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[a]anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Chrysene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Benzo[a]pyrene	mg/l	0.0005	0.00000017	171	<0.0005	<0.0005	0	
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 101			No WSV	171	<0.01	<0.01	0	
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0	
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0	
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0	
Boron (Total)	mg/l	0.02	7	171	0.02	0.21	0	
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0	
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.02	0	
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0	
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0	
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0	
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0	
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0	
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0	
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0	
Chromium (Hexavalent)	mg/l	0.02	0.0006	171	0.001	<0.02	18	PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; P14, 838906, 1.5m

Constituents	C3D	C3S	P8	BP23	BP27	BP28	C7	PZ18	C2D	C2S	GW9D	GW9S	C4S	C4D	BP12	P10	P15	P3	C1S	C1D	C1D	C1S	BP6	BP7	BP9
	152242	152243	152748	152749	152750	152751	152752	154534	154535	154536	154537	154538	155736	155737	155738	155739	155773	155774	155775	155776	165544	165545	165546	165547	165548
	16.7m	4.9m	1.5m	9.5m	15m	14.5m	17m	11.426m	16.64m	4.42m	16.36m	4.5m	4.4m	18m	10.54m	1.5m	1.4m	1.4m	4.39m	18.39m	17.3m	4.39m	17.6m	17.7m	16.25m
	10-Jun-15	10-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	11-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	16-Jun-15	17-Jun-15	17-Jun-15	17-Jun-15	17-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	18-Jun-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15	14-Jul-15
	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Made Ground	Crag	Crag	Crag	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag
Butylbenzyl Phthalate																									
Benzo[a]anthracene																									
Chrysene																									
Bis(2-Ethylhexyl)Phthalate																									
Di-N-Octyl Phthalate																									
Benzo[b]fluoranthene																									
Benzo[k]fluoranthene																									
Benzo[a]pyrene																									
Indeno(1,2,3-c,d)Pyrene																									
Dibenz(a,h)Anthracene																									
Benzo[g,h,i]perylene																									
4-Nitrophenol																									
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81																									
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77																									
PCB 101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PCB 105																									
PCB 90+101																									
PCB 114																									
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118																									
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123																									
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126																									
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 156																									
PCB 157																									
PCB 167																									
PCB 169																									
PCB 189																									
Total PCBs (12 Congeners)																									
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)																									
Arsenic (Total)																									
Boron (Total)																									
Cadmium (Total)																									
Chromium (Total)																									
Copper (Total)																									
Iron (Total)																									
Manganese (Total)																									
Nickel (Total)																									
Lead (Total)																									
Zinc (Total)																									
Chromium (Trivalent)																									
Chromium (Hexavalent)																									

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	P14	GW2	GW3	C3S	C3D	P13	C2D	C2S	GW20	PZ_21	GW16D	GW12	CPB11	CPB13	CPB14	SD7	SD3	SD6	SD8	BP6	BP7	BP9	BP27	BP28
									166089	168447	168448	168449	168450	168451	169382	169383	169384	169666	169667	169668	194409	194410	194411	194412	205953	205954	205955	205956	205957	205958	205959	205960
									1.43m	14m	12.5m	4.5m	17m	1.5m	16.5m	4.4m	6m	7m	8m	10.5m	18m	15.5m	15.5m	19.9m	15m	17m	17m	17m	18m	15m	15m	14.5m
									15-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	22-Jul-15	22-Jul-15	22-Jul-15	23-Jul-15	23-Jul-15	23-Jul-15	17-Sep-15	17-Sep-15	17-Sep-15	17-Sep-15	14-Oct-2015	14-Oct-2015	14-Oct-2015	13-Oct-2015	14-Oct-2015	13-Oct-2015	13-Oct-2015	13-Oct-2015
									Peat	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Made Ground	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
pH		N/A	7 - 9.0	171	6.5	1100	6	BP23, 72187, 9.33m; BP6, 165546, 17.6m; C3S, 168449, 4.5m; BP28, 205960, 14.5m; GW2, 657930, 15m; BP28, 657973, 13m	7.2	7.2	7.5	6.9	7.4	7.2	7.6	7.4	7.7	8.2	8.5	8.5	7.9	8.3	8.2	8.3	7.7	8.2	7.6	7.5	7.6	7.6	7.9	6.5
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0		1500	530	780	580	2700	570	840	620	750	1300	560	860	570	750	720	610	1100	540	830	1000	780	710	910	500
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0		19	26	15	<5	350	800	390	290	9	6	<5	82	160	30	24	36	98	<5	10	<5	17	<5	10	<5
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0		<1	<1	<1	1	<1	<1	<1	1.1	<1	7	3	9												
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0		32	<1	3.1	2.8	8.3	38	18	1.7	1	13	8.8	34												
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0		540	25	130	12	66	47	500	190	220	440	230	400	270	210	210	180	500	170	400	310	310	120	250	33
Chloride	mg/l	1.0	N/A	171	<1	9500	0		310	47	79	200	880	190	70	130	76	240	82	320	27	69	71	45	83	54	48	74	61	71	74	53
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	0.019	16	0		0.15	0.12	0.078	0.17	0.19	0.38	0.26	0.19	0.12	0.061	0.12	2.9												
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	<0.01	20	0		0.19	0.16	0.1	0.22	0.24	0.49	0.34	0.25	0.15	0.078	0.15	3.7	0.079	0.21	0.92	0.26	0.4	1.3	0.07	<0.01	<0.01	<0.01	0.011	<0.01
Nitrite	mg/l	0.020	N/A	171	0.02	0.96	0		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.039	0.1	0.03	0.072	<0.02	<0.02	<0.02	<0.02	0.026	0.089	<0.02	<0.02	0.96	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate	mg/l	0.50	N/A	171	<0.5	220	0		<0.5	70	87	6	<0.5	<0.5	<0.5	24	150	23	4.4	<0.5	26	120	110	47	<0.5	<0.5	55	36	67	120	130	91
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0		0.053	0.12	0.12	0.059	<0.05	<0.05	<0.05	<0.05	0.095	0.25	0.25	0.059												
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0		<0.02	0.04	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	0.032	0.083	0.083	<0.02												
Sulphate	mg/l	1.0	N/A	171	<1	1400	0		<1	91	80	21	26	<1	15	100	67	48	50	42	27	61	46	79	120	64	46	75	61	66	62	62
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0		<0.2	16	20	1.4	<0.2	<0.2	<0.2	5.4	34	5.2	0.99	<0.2												
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005												
Calcium	mg/l	5.0	N/A	171	<5	2300	0		200	61	130	7.7	290	55	110	42	91	120	66	78	100	120	110	110	130	58	130	150	110	82	120	43
Potassium	mg/l	0.50	N/A	171	<0.5	39	0		3.1	4.3	5.1	8.4	7	7.8	3	2.8	4.2	4.1	1.3	11	<0.5	3.3	2	1.5	30	13	5	0.58	<0.5	4.2	25	7.8
Magnesium	mg/l	0.50	N/A	171	0.98	490	0		16	19	15	21	20	18	15	6.9	16	12	8.4	14	3.7	6.9	5.2	5.8	12	6.5	5.2	7.6	6.1	12	6	7
Sodium	mg/l	0.50	N/A	171	0.66	2100	0		92	18	28	77	150	27	58	72	23	130	35	67	14	25	27	21	73	24	17	23	18	16	23	22
Arsenic (Dissolved)	mg/l	0.001	0.025	171	0.001	0.067	3	PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; C4D, 155737, 18m	0.0024	<0.001	<0.001	<0.001	0.0046	0.0034	0.0047	0.001	<0.001	0.0012	<0.001	0.003	<0.001	0.002	<0.001	0.0031	0.0024	0.0021	<0.001	<0.001	<0.001	0.0013	<0.001	<0.001
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0		0.034	0.63	0.45	0.62	0.59	0.4	0.051	0.036	0.029	0.046	<0.02	0.1	0.44	0.45	0.54	0.49	0.3	0.046	0.073	0.025	0.021	0.034	0.16	0.076
Cadmium (Dissolved)	mg/l	0.00008	0.0002	171	<0.00008	0.0006	10	BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 284623, 14.4m; BP28, 324599, 15.5m; BP28, 657973, 13m; C3S, 660714, 5m; BP28, 838904, 14.5m	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00009	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00015	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00014	0.00058
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.067	0		0.011	0.0023	0.0028	0.0038	0.019	0.018	0.0027	0.0018	0.0081	0.0037	0.0014	0.0027	<0.001	<0.001	<0.001	<0.001	0.0082	0.0021	0.0026	0.009	0.0024	0.0024	0.0089	0.0078
Copper (Dissolved)	mg/l	0.001	0.00376	171	0.001	0.076	17	GW12, 69229, 12m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; BP7, 132765, 17.68m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; C4D, 155737, 18m; SD3, 205953, 15m; SD8, 205955, 17m; CPB13, 657921, 14m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; PZ1A, 838889, 1.8m	0.0011	<0.001	<0.001	<0.001	0.0012	0.0033	<0.001	0.0016	0.0011	0.0015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0043	<0.001	0.004	<0.001	<0.001	0.001	0.0012	0.002
Manganese (Dissolved)	mg/l	0.001	N/A	171	0.001	5.3	0														0.016	<0.001	0.0062	0.18	0.45	0.2	0.2	0.0035	0.0044	0.0023	0.0014	0.084
Nickel (Dissolved)	mg/l	0.001	0.0086	171	0.001	0.03	15	72755, GW2, WATERm; BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P13, 168451, 1.5m; SD3, 205953, 15m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; C3S, 660714, 5m; PZ1A, 838889, 1.8m; C2S, 838900, 4.5m; C2D, 838901, 17m	0.006	0.0082	0.0011	0.0046	0.0016	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0015	0.0012	<0.001	<0.001	0.0097	0.0016	0.0026	<0.001	<0.001	<0.001	0.0026	0.016
Lead (Dissolved)	mg/l	0.001	0.0013	171	<0.001	0.0071	5	P13, 168451, 1.5m; C2S, 169383, 4.4m; SD3, 205953, 15m; PIEZ 1A, 657969, 1.8m; PZ1A, 838889, 1.8m	<0.001	<0.001	<0.001	<0.001	<0.001	0.0071	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0048	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	0.0079	171	<0.001	0.49	47	C3S, 69227, 4.6m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; PZ16, 62157, 24.6m; P3, 61931, 1.5m; C35, 62521, 4.94m; BP28, 93539, 14.5m; BP28, 132768, 14.5m; C3S, 152243, 4.9m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P14, 166089, 1.43m; P13, 168451, 1.5m; C2S, 169383, 4.4m; PZ_21, 169666, 7m; GW16D, 169667, 8m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD8, 205955, 17m; BP7, 205957, 18m; BP28, 205960, 14.5m; C7, 205961, 17m; BP28, 243749, 14.33m; C7, 284624, 16.8m; GR11B, 659889, 10m; C3S, 660714, 5m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m; P14, 838906, 1.5m	0.0093	0.0075	0.0067	0.0076	0.0053	0.033	0.0029	0.025	0.0061	0.012	0.0088	0.0093	0.0025	0.0053	0.0033	0.0069	0.053	0.0047	0.011	0.0045	0.0094	0.0063	0.0027	0.0094
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	<0.00001	<0.00001	0.000037	0.000044	<0.00001	0.000017	0.000013	0.000022	<0.00001	<0.00001	<0.00001	0.00001	0.000011	0.000011	0.000011	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	1	171	0.02	18	19	P12, 69877, 1.5m; C1D, 70796, 18.39m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P3, 61931, 1.5m; C4D, 62523, 15.3m; C2D, 62525, 18.6m; P13, 152241, 1.5m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; GW6S, 660717, 4m; PZ1A, 838889, 1.8m; PZ2009_18, 838891, 11m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	0.06	<0.02	<0.02	<0.02	<0.02	1.7	<0.02	<0.02	<0.02	<0.02	<0.02	4.2	0.05	<0.02	<0.02	0.02	1.1	0.36	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0																									
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		9.6	6.3	5.6	6.6	5.4	4.8	8	4.9	4.2	5.1	2.8	9.4	<2	<2	<2	<2	160	45	6.6	<2	<2	<2	<2	3.3
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01												
Naphthalene	mg/l	0.0001	0.002	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	0.0001	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	0.0000063	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00000017	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	P14	GW2	GW3	C3S	C3D	P13	C2D	C2S	GW20	PZ_21	GW16D	GW12	CPB11	CPB13	CPB14	SD7	SD3	SD6	SD8	BP6	BP7	BP9	BP27	BP28
									166089	168447	168448	168449	168450	168451	169382	169383	169384	169666	169667	169668	194409	194410	194411	194412	205953	205954	205955	205956	205957	205958	205959	205960
									1.43m	14m	12.5m	4.5m	17m	1.5m	16.5m	4.4m	6m	7m	8m	10.5m	18m	15.5m	15.5m	19.9m	15m	17m	17m	17m	18m	15m	15m	14.5m
									15-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	22-Jul-15	22-Jul-15	22-Jul-15	23-Jul-15	23-Jul-15	23-Jul-15	17-Sep-15	17-Sep-15	17-Sep-15	17-Sep-15	14-Oct-2015	14-Oct-2015	14-Oct-2015	13-Oct-2015	14-Oct-2015	13-Oct-2015	13-Oct-2015	13-Oct-2015
									Peat	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Made Ground	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	0.0025	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	0.1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.012	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.008	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.01	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.074	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	0.3	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.05	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Phenol	mg/l	0.0005	0.0077	171	<0.0005	<0.0005	0																									
2-Chlorophenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0																									
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
1,4-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0																									
1,2-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0																									
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2,4-Dichlorophenol	mg/l	0.0005	0.00042	171	<0.0005	<0.0005	0																									
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Naphthalene	mg/l	0.0005	0.002	171	<0.0005	<0.0005	0																									
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0																									
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	171	<0.0005	<0.0005	0																									
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																									
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Acenaphthylene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																									
Dimethylphthalate	mg/l	0.0005	0.8	171	<0.0005	<0.0005	0																									
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Acenaphthene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																									
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Fluorene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																									
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0																									
Pentachlorophenol	mg/l	0.0005	0.0004	171	<0.0005	<0.0005	0																									
Phenanthrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0																									
Anthracene	mg/l	0.0005	0.0001	171	<0.0005	<0.0005	0																									
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																									
Fluoranthene	mg/l	0.0005	0.0000063	171	<0.0005	<0.0005	0																									
Pyrene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																									

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[a]anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Chrysene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Benzo[a]pyrene	mg/l	0.0005	0.00000017	171	<0.0005	<0.0005	0	
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 101			No WSV	171	<0.01	<0.01	0	
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0	
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0	
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0	
Boron (Total)	mg/l	0.02	7	171	0.02	0.21	0	
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0	
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.02	0	
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0	
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0	
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0	
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0	
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0	
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0	
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0	
Chromium (Hexavalent)	mg/l	0.02	0.0006	171	0.001	<0.02	18	PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; P14, 838906, 1.5m

Constituents	P14	GW2	GW3	C3S	C3D	P13	C2D	C2S	GW20	PZ_21	GW16D	GW12	CPB11	CPB13	CPB14	SD7	SD3	SD6	SD8	BP6	BP7	BP9	BP27	BP28
	166089	168447	168448	168449	168450	168451	169382	169383	169384	169666	169667	169668	194409	194410	194411	194412	205953	205954	205955	205956	205957	205958	205959	205960
	1.43m	14m	12.5m	4.5m	17m	1.5m	16.5m	4.4m	6m	7m	8m	10.5m	18m	15.5m	15.5m	19.9m	15m	17m	17m	17m	18m	15m	15m	14.5m
	15-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	21-Jul-15	22-Jul-15	22-Jul-15	22-Jul-15	23-Jul-15	23-Jul-15	23-Jul-15	17-Sep-15	17-Sep-15	17-Sep-15	17-Sep-15	14-Oct-2015	14-Oct-2015	14-Oct-2015	13-Oct-2015	14-Oct-2015	13-Oct-2015	13-Oct-2015	13-Oct-2015
	Peat	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Made Ground	Made Ground	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
Butylbenzyl Phthalate																								
Benzo[a]anthracene																								
Chrysene																								
Bis(2-Ethylhexyl)Phthalate																								
Di-N-Octyl Phthalate																								
Benzo[b]fluoranthene																								
Benzo[k]fluoranthene																								
Benzo[a]pyrene																								
Indeno(1,2,3-c,d)Pyrene																								
Dibenz(a,h)Anthracene																								
Benzo[g,h,i]perylene																								
4-Nitrophenol																								
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 81																								
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 77																								
PCB 101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01												
PCB 105																								
PCB 90+101																								
PCB 114																								
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 118																								
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 123																								
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 126																								
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
PCB 156																								
PCB 157																								
PCB 167																								
PCB 169																								
PCB 189																								
Total PCBs (12 Congeners)																								
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001												
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03												
Nitrogen (Total)																								
Arsenic (Total)																								
Boron (Total)																								
Cadmium (Total)																								
Chromium (Total)																								
Copper (Total)																								
Iron (Total)																								
Manganese (Total)																								
Nickel (Total)																								
Lead (Total)																								
Zinc (Total)																								
Chromium (Trivalent)																								
Chromium (Hexavalent)																								

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C7	BP9	C7	BP27	BP28	BP6	BP7	BP27	BP28	C7	BP6	BP7	BP9	BP7	BP9	C7	BP6	BP27	BP28	CPB13	GR9
									205961	243746	243747	243748	243749	244097	244098	284622	284623	284624	284625	284626	284627	324594	324595	324596	324597	324598	324599	657921	657922
									17m	16.15m	16.66m	16.05m	14.33m	17.7m	17.95m	15.4m	14.4m	16.8m	17.75m	17.6m	16.2m	18m	16.5m	17m	17m	16.5m	15.5m	14m	13m
									13-Oct-2015	20-Jan-2016	20-Jan-2016	20-Jan-2016	20-Jan-2016	21-Jan-2016	21-Jan-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	17-Jul-2018	17-Jul-2018
									Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
pH		N/A	7 - 9.0	171	6.5	1100	6	BP23, 72187, 9.33m; BP6, 165546, 17.6m; C3S, 168449, 4.5m; BP28, 205960, 14.5m; GW2, 657930, 15m; BP28, 657973, 13m	7.2	8.3	8.1	8.2	7.9	7.9	8	7.9	8	8	8	7.9	8.2	7.9	8.3	8.1	7.8	8.1	7.7	8.3	8
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0		900	780	870	900	500	930	750	1100	580	1000	1100	900	910	940	970	1100	1200	1400	620	910	1500
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0		<5	<5	9	<5	<5	200	150	97	31	190	56	31	110	97	110	46	140	21	290	<5	84
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0																						
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0																						
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0		210	160	210	240	27	230	230	210	31	220	210	220	180	240	150	200	180	220	31	170	280
Chloride	mg/l	1.0	N/A	171	<1	9500	0		78	80	79	73	55	64	67	120	54	77	73	61	82	60	81	77	79	180	58	73	270
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	0.019	16	0																					0.086	0.063
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	<0.01	20	0		0.025	0.15	0.099	0.075	0.067	0.093	0.11	0.2	0.22	0.28	0.28	0.26	7.2	0.12	0.12	0.15	0.19	0.11	0.12	0.11	0.081
Nitrite	mg/l	0.020	N/A	171	0.02	0.96	0		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.04	0.044	0.049	0.053	0.054	0.044	<0.02	<0.02
Nitrate	mg/l	0.50	N/A	171	<0.5	220	0		75	140	150	160	120	190	100	160	100	150	190	110	150	98	120	120	170	160	97	190	220
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0																					0.37	<0.2
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0																					0.12	0.036
Sulphate	mg/l	1.0	N/A	171	<1	1400	0		88	72	89	63	65	92	64	59	62	97	81	61	72	62	71	86	87	59	66	63	94
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0																					43	50
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0																					<0.005	<0.005
Calcium	mg/l	5.0	N/A	171	<5	2300	0		120	120	160	150	55	190	190	140	54	130	170	140	100	130	110	130	160	160	50	140	230
Potassium	mg/l	0.50	N/A	171	<0.5	39	0		1.8	6	2.8	28	11	0.95	0.68	26	9.8	2.5	0.74	<0.5	4.4	0.8	5.1	1.9	0.7	33	8.9	5	1.9
Magnesium	mg/l	0.50	N/A	171	0.98	490	0		14	13	20	7.2	8.8	14	6.9	6.9	7.5	15	9.2	6.2	10	7.6	12	15	10	9.1	8.7	9.5	9.1
Sodium	mg/l	0.50	N/A	171	0.66	2100	0		19	22	27	30	30	50	30	26	23	20	28	22	18	24	21	21	30	33	25	28	85
Arsenic (Dissolved)	mg/l	0.001	0.025	171	0.001	0.067	3	PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; C4D, 155737, 18m	<0.001	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0026	0.0024
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0		0.031	0.032	0.49	0.55	0.6	0.023	0.02	0.058	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.02	0.064	0.039	0.026	<0.02
Cadmium (Dissolved)	mg/l	0.00008	0.0002	171	<0.00008	0.0006	10	BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 284623, 14.4m; BP28, 324599, 15.5m; BP28, 657973, 13m; C3S, 660714, 5m; BP28, 838904, 14.5m	<0.00008	<0.00008	<0.00008	<0.00008	0.00056	<0.00008	<0.00008	<0.00008	0.00032	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00047	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.067	0		0.0028	0.0027	0.0033	0.0024	0.002	0.0038	0.0047	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0032	0.005
Copper (Dissolved)	mg/l	0.001	0.00376	171	0.001	0.076	17	GW12, 69229, 12m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; BP7, 132765, 17.68m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; C4D, 155737, 18m; SD3, 205953, 15m; SD8, 205955, 17m; CPB13, 657921, 14m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; PZ1A, 838889, 1.8m	0.0037	<0.001	<0.001	<0.001	0.0011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0054	0.003
Manganese (Dissolved)	mg/l	0.001	N/A	171	0.001	5.3	0		0.0068	0.0014	0.0022	0.0024	0.085	<0.001	<0.001	0.0012	0.049	0.0041	0.0016	0.0013	<0.001	0.0016	0.0027	0.001	0.0039	<0.001	0.069	<0.001	0.0011
Nickel (Dissolved)	mg/l	0.001	0.0086	171	0.001	0.03	15	72755, GW2, WATERm; BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P13, 168451, 1.5m; SD3, 205953, 15m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; C3S, 660714, 5m; PZ1A, 838889, 1.8m; C2S, 838900, 4.5m; C2D, 838901, 17m	<0.001	<0.001	0.0011	<0.001	0.015	<0.001	<0.001	<0.001	0.0084	0.0011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.012	<0.001	<0.001
Lead (Dissolved)	mg/l	0.001	0.0013	171	<0.001	0.0071	5	P13, 168451, 1.5m; C2S, 169383, 4.4m; SD3, 205953, 15m; PIEZ 1A, 657969, 1.8m; PZ1A, 838889, 1.8m	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	0.0079	171	<0.001	0.49	47	C3S, 69227, 4.6m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; PZ16, 62157, 24.6m; P3, 61931, 1.5m; C35, 62521, 4.94m; BP28, 93539, 14.5m; BP28, 132768, 14.5m; C3S, 152243, 4.9m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P14, 166089, 1.43m; P13, 168451, 1.5m; C2S, 169383, 4.4m; PZ_21, 169666, 7m; GW16D, 169667, 8m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD8, 205955, 17m; BP7, 205957, 18m; BP28, 205960, 14.5m; C7, 205961, 17m; BP28, 243749, 14.33m; C7, 284624, 16.8m; GR11B, 659889, 10m; C3S, 660714, 5m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m; P14, 838906, 1.5m	0.012	0.0034	0.0049	0.0034	0.0096	0.0043	0.0027	<0.001	0.0036	0.01	0.006	0.0032	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0023	0.0011	0.0057
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	0.00001	<0.00001	0.00001	0.00001	0.00001	0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.000024	0.000015	0.000063	<0.00001	0.000046	0.000019	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	1	171	0.02	18	19	P12, 69877, 1.5m; C1D, 70796, 18.39m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P3, 61931, 1.5m; C4D, 62523, 15.3m; C2D, 62525, 18.6m; P13, 152241, 1.5m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; GW6S, 660717, 4m; PZ1A, 838889, 1.8m; PZ2009_18, 838891, 11m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.29	0.23	0.24	0.29	0.31	0.096	0.4	0.74
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0															7.5	3.3	4.4	3.5	4.4	6.1	9.2	7.3
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		2.5	5.3	6.4	7.1	9.5	6.3	<2	16	19	16	16	16	16	11	4.3	4.6	4.3	4.7	6.7	9.9	8.4
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0																					<0.01	<0.01
Naphthalene	mg/l	0.0001	0.002	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Acenaphthylene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Acenaphthene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Fluorene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Phenanthrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Anthracene	mg/l	0.0001	0.0001	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Fluoranthene	mg/l	0.0001	0.0000063	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Pyrene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Benzo[a]anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Chrysene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Benzo[a]pyrene	mg/l	0.0001	0.00000017	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C7	BP9	C7	BP27	BP28	BP6	BP7	BP27	BP28	C7	BP6	BP7	BP9	BP7	BP9	C7	BP6	BP27	BP28	CPB13	GR9
									205961	243746	243747	243748	243749	244097	244098	284622	284623	284624	284625	284626	284627	324594	324595	324596	324597	324598	324599	657921	657922
									17m	16.15m	16.66m	16.05m	14.33m	17.7m	17.95m	15.4m	14.4m	16.8m	17.75m	17.6m	16.2m	18m	16.5m	17m	17m	16.5m	15.5m	14m	13m
									13-Oct-2015	20-Jan-2016	20-Jan-2016	20-Jan-2016	20-Jan-2016	21-Jan-2016	21-Jan-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	17-Jul-2018	17-Jul-2018
									Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	0.0025	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	0.1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.012	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.008	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.01	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.074	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	0.3	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.05	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Phenol	mg/l	0.0005	0.0077	171	<0.0005	<0.0005	0																						
2-Chlorophenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0																						
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
1,4-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0																						
1,2-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0																						
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2,4-Dichlorophenol	mg/l	0.0005	0.00042	171	<0.0005	<0.0005	0																						
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Naphthalene	mg/l	0.0005	0.002	171	<0.0005	<0.0005	0																						
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0																						
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	171	<0.0005	<0.0005	0																						
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																						
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Acenaphthylene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																						
Dimethylphthalate	mg/l	0.0005	0.8	171	<0.0005	<0.0005	0																						
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Acenaphthene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																						
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Fluorene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																						
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0																						
Pentachlorophenol	mg/l	0.0005	0.0004	171	<0.0005	<0.0005	0																						
Phenanthrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0																						
Anthracene	mg/l	0.0005	0.0001	171	<0.0005	<0.0005	0																						
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Fluoranthene	mg/l	0.0005	0.0000063	171	<0.0005	<0.0005	0																						
Pyrene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																						

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C7	BP9	C7	BP27	BP28	BP6	BP7	BP27	BP28	C7	BP6	BP7	BP9	BP7	BP9	C7	BP6	BP27	BP28	CPB13	GR9
									205961	243746	243747	243748	243749	244097	244098	284622	284623	284624	284625	284626	284627	324594	324595	324596	324597	324598	324599	657921	657922
									17m	16.15m	16.66m	16.05m	14.33m	17.7m	17.95m	15.4m	14.4m	16.8m	17.75m	17.6m	16.2m	18m	16.5m	17m	17m	16.5m	15.5m	14m	13m
									13-Oct-2015	20-Jan-2016	20-Jan-2016	20-Jan-2016	20-Jan-2016	21-Jan-2016	21-Jan-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	20-Apr-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	13-Jul-2016	17-Jul-2018	17-Jul-2018
									Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Benzo[a]anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																						
Chrysene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0																						
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0																						
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0																						
Benzo[a]pyrene	mg/l	0.0005	0.00000017	171	<0.0005	<0.0005	0																						
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0																						
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																						
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0																						
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																						
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 101			No WSV	171	<0.01	<0.01	0																						
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0																					<0.00001	<0.00001
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0																					<0.03	<0.03
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0																					39	45
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0																					0.0028	0.0025
Boron (Total)	mg/l	0.02	7	171	0.02	0.21	0																					0.028	0.02
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0																					<0.00008	<0.00008
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.02	0																					0.0032	0.0055
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0																					0.0054	0.0035
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0																					0.41	0.76
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0																					<0.001	0.001
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0																					<0.001	<0.001
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0																					<0.001	<0.001
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0																					0.0011	0.0056
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0																					<0.02	<0.02
Chromium (Hexavalent)	mg/l	0.02	0.0006	171	0.001	<0.02	18	PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; P14, 838906, 1.5m																				<0.02	<0.02

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	BP6	BP7	P14	PIEZ 1A	PIEZ 1B	P15	GW2	GW3	C7	BP28	GR11	GR11A	GR11B	GW20	BP23	PD1	C1d	C1s	C4S	C4D	C2S	C2D
									657923	657924	657948	657969	657970	657971	657930	657931	657972	657973	657974	658031	659889	659941	659942	659943	660702	660703	660710	660711	660712	660713
									18m	17m	1.4m	1.8m	2m	1.3m	15m	12m	16m	13m	10m	10m	10m		10m		7m	4m	4m	10m	4m	10m
									17-Jul-2018	17-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	19-Jul-2018	19-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018
									Crag	Crag	Peat	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag
pH		N/A	7 - 9.0	171	6.5	1100	6	BP23, 72187, 9.33m; BP6, 165546, 17.6m; C3S, 168449, 4.5m; BP28, 205960, 14.5m; GW2, 657930, 15m; BP28, 657973, 13m	8	8	7	7.8	7	7	6.7	7.1	7.2	6.5	7.3	7.3	8.2	8.1	7.7	8.2	8.1	8.2	8.1	7.9	7.9	8.2
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0		900	840	1800	2600	4500	780	630	890	890	520	1000	1000	990	780	720	3.8	580	590	200	1100	660	750
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0		7	<5	41	32	15	44	<5	29	17	<5	18	18	9	9	130	<5	14	39	33	<5	110	54
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0																							
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0																							
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0		270	270	350	400	380	430	39	130	210	31	240	240	240	130	23	<10	290	88	<10	170	29	330
Chloride	mg/l	1.0	N/A	171	<1	9500	0		61	67	440	710	1400	45	40	79	73	58	150	150	160	75	63	<1	44	100	29	310	140	530
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	0.019	16	0		0.058	0.12	0.29	1.3	2.6	0.34	0.18	0.053	0.075	0.078	0.057	0.078	0.052	0.17	<0.05	0.22	1.5	1.8	1.1	0.37	0.26	0.39
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	<0.01	20	0		0.074	0.15	0.37	1.7	3.4	0.44	0.23	0.068	0.097	0.1	0.073	0.1	0.067	0.22	<0.05	0.28	1.9	2.3	1.4	0.48	0.33	0.5
Nitrite	mg/l	0.020	N/A	171	0.02	0.96	0		<0.02	<0.02	<0.02	0.047	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.032	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate	mg/l	0.50	N/A	171	<0.5	220	0		110	110	0.62	<0.5	<0.5	<0.5	160	170	98	75	72	70	74	140	150	2.3	<0.5	81	17	<0.5	43	<0.5
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0		<0.2	<0.2	<0.2	0.86	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.29	0.28	0.23	<0.2	<0.2	<0.2	<0.2	<0.2	0.21	<0.2	<0.2	<0.2
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0		<0.02	<0.02	<0.02	0.28	<0.02	<0.02	0.062	0.032	0.032	0.023	0.095	0.091	0.075	<0.02	0.046	<0.02	<0.02	0.049	0.069	<0.02	<0.02	<0.02
Sulphate	mg/l	1.0	N/A	171	<1	1400	0		98	82	5.8	5.5	14	5.1	91	79	89	75	48	48	48	71	65	<1	48	7	28	47	86	15
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0		25	25	<0.2	<0.2	<0.2	<0.2	36	38	22	17	16	16	17	32	34	0.52	<0.2	18	3.8	<0.2	9.7	<0.2
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	171	<5	2300	0		150	140	220	89	240	130	96	180	140	51	130	160	140	110	67	<5	120	110	9.7	160	75	120
Potassium	mg/l	0.50	N/A	171	<0.5	39	0		0.69	<0.5	3.2	29	18	1.7	2.8	5.3	1.6	8.2	3.6	4.5	3.5	4.4	5.1	<0.5	4.7	1.8	2.7	10	4.1	6.3
Magnesium	mg/l	0.50	N/A	171	0.98	490	0		10	8.1	14	4.8	11	7.2	17	14	15	7.9	5	6.6	6.2	14	18	0.98	9.4	6.6	4.9	11	7.3	21
Sodium	mg/l	0.50	N/A	171	0.66	2100	0		36	27	96	260	520	32	18	33	21	21	50	58	51	23	14	0.66	26	37	19	38	90	110
Arsenic (Dissolved)	mg/l	0.001	0.025	171	0.001	0.067	3	PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; C4D, 155737, 18m	<0.001	<0.001	0.0031	0.011	0.0081	0.0014	<0.001	<0.001	0.0014	<0.001	<0.001	0.0013	0.0029	0.0019	<0.001	<0.001	<0.001	0.0019	<0.001	0.0023	0.0024	0.0022
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0		<0.02	<0.02	0.024	0.042	0.039	0.029	<0.02	<0.02	<0.02	0.047	0.026	0.032	0.046	0.044	0.028	<0.02	0.026	<0.02	<0.02	0.024	0.032	0.04
Cadmium (Dissolved)	mg/l	0.00008	0.0002	171	<0.00008	0.0006	10	BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 284623, 14.4m; BP28, 324599, 15.5m; BP28, 657973, 13m; C3S, 660714, 5m; BP28, 838904, 14.5m	<0.00008	<0.00008	<0.00008	0.00013	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00033	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.067	0		0.0024	0.0018	0.0047	0.02	0.013	0.0016	<0.001	<0.001	0.0015	<0.001	0.0012	0.0019	0.011	0.0073	0.0051	0.0062	0.0024	0.011	0.004	0.0056	0.0057	0.0031
Copper (Dissolved)	mg/l	0.001	0.00376	171	0.001	0.076	17	GW12, 69229, 12m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; BP7, 132765, 17.68m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; C4D, 155737, 18m; SD3, 205953, 15m; SD8, 205955, 17m; CPB13, 657921, 14m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; PZ1A, 838889, 1.8m	0.0016	<0.001	0.0026	0.041	0.076	0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0035	0.0025	<0.001	<0.001	<0.001	0.0023	0.002	0.0014	0.0032	0.0041
Manganese (Dissolved)	mg/l	0.001	N/A	171	0.001	5.3	0		<0.001	<0.001	0.95	0.049	0.31	1.4	0.0057	0.001	0.04	0.041	0.0018	0.0015	0.0045	0.0015	0.0025	<0.001	0.22	0.011	0.039	0.43	0.16	0.72
Nickel (Dissolved)	mg/l	0.001	0.0086	171	0.001	0.03	15	72755, GW2, WATERm; BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P13, 168451, 1.5m; SD3, 205953, 15m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; C3S, 660714, 5m; PZ1A, 838889, 1.8m; C2S, 838900, 4.5m; C2D, 838901, 17m	<0.001	<0.001	<0.001	0.0048	0.0017	<0.001	0.0023	<0.001	<0.001	0.0078	<0.001	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0028	0.001	0.0017
Lead (Dissolved)	mg/l	0.001	0.0013	171	<0.001	0.0071	5	P13, 168451, 1.5m; C2S, 169383, 4.4m; SD3, 205953, 15m; PIEZ 1A, 657969, 1.8m; PZ1A, 838889, 1.8m	<0.001	<0.001	<0.001	0.0024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	0.0079	171	<0.001	0.49	47	C3S, 69227, 4.6m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; PZ16, 62157, 24.6m; P3, 61931, 1.5m; C35, 62521, 4.94m; BP28, 93539, 14.5m; BP28, 132768, 14.5m; C3S, 152243, 4.9m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P14, 166089, 1.43m; P13, 168451, 1.5m; C2S, 169383, 4.4m; PZ_21, 169666, 7m; GW16D, 169667, 8m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD8, 205955, 17m; BP7, 205957, 18m; BP28, 205960, 14.5m; C7, 205961, 17m; BP28, 243749, 14.33m; C7, 284624, 16.8m; GR11B, 659889, 10m; C3S, 660714, 5m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m; P14, 838906, 1.5m	0.0012	0.0017	0.0044	0.0047	<0.001	0.006	<0.001	<0.001	<0.001	0.0021	<0.001	<0.001	0.0088	0.0025	0.0036	<0.001	<0.001	<0.001	<0.001	<0.001	0.0011	0.0029
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	<0.00001	<0.00001	0.000031	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	1	171	0.02	18	19	P12, 69877, 1.5m; C1D, 70796, 18.39m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P3, 61931, 1.5m; C4D, 62523, 15.3m; C2D, 62525, 18.6m; P13, 152241, 1.5m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; GW6S, 660717, 4m; PZ1A, 838889, 1.8m; PZ2009_18, 838891, 11m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	0.49	0.51	0.58	0.99	0.87	0.41	0.15	0.27	0.39	0.12	0.29	0.36	0.52	0.49	0.23	0.08	0.95	0.75	0.18	1	0.58	0.86
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0		8.9	7.3	16	56	29	15	6.1	6.6	6.7	8.3	8.4	8.7	9	7	4.9	4.2	3.6	6.2	5.4	7.8	7.4	13
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		9.3	8.5	18	67	35	17	6.2	7.8	8.1	8.7	9.7	10	9.2	7.4	6.5	5.6	5.6	6.6	10	9.2	10	16
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	0.002	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Acenaphthylene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Acenaphthene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluorene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Phenanthrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Anthracene	mg/l	0.0001	0.0001	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoranthene	mg/l	0.0001	0.0000063	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Pyrene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[a]anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chrysene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[a]pyrene	mg/l	0.0001	0.00000017	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	BP6	BP7	P14	PIEZ 1A	PIEZ 1B	P15	GW2	GW3	C7	BP28	GR11	GR11A	GR11B	GW20	BP23	PD1	C1d	C1s	C4S	C4D	C2S	C2D
									657923	657924	657948	657969	657970	657971	657930	657931	657972	657973	657974	658031	659889	659941	659942	659943	660702	660703	660710	660711	660712	660713
									18m	17m	1.4m	1.8m	2m	1.3m	15m	12m	16m	13m	10m	10m	10m		10m		7m	4m	4m	10m	4m	10m
									17-Jul-2018	17-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	19-Jul-2018	19-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018
									Crag	Crag	Peat	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	0.0025	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	0.1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.012	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.008	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.01	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.074	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	0.3	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.05	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Phenol	mg/l	0.0005	0.0077	171	<0.0005	<0.0005	0																							
2-Chlorophenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0																							
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
1,4-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0																							
1,2-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0																							
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2,4-Dichlorophenol	mg/l	0.0005	0.00042	171	<0.0005	<0.0005	0																							
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Naphthalene	mg/l	0.0005	0.002	171	<0.0005	<0.0005	0																							
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0																							
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	171	<0.0005	<0.0005	0																							
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																							
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Acenaphthylene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																							
Dimethylphthalate	mg/l	0.0005	0.8	171	<0.0005	<0.0005	0																							
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Acenaphthene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																							
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Fluorene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																							
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0																							
Pentachlorophenol	mg/l	0.0005	0.0004	171	<0.0005	<0.0005	0																							
Phenanthrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0																							
Anthracene	mg/l	0.0005	0.0001	171	<0.0005	<0.0005	0																							
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0																							
Fluoranthene	mg/l	0.0005	0.0000063	171	<0.0005	<0.0005	0																							
Pyrene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0																							

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Freshwater not listed

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[a]anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Chrysene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Benzo[a]pyrene	mg/l	0.0005	0.00000017	171	<0.0005	<0.0005	0	
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0	
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0	
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0	
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 101			No WSV	171	<0.01	<0.01	0	
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0	
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0	
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0	
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0	
Boron (Total)	mg/l	0.02	7	171	0.02	0.21	0	
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0	
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.02	0	
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0	
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0	
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0	
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0	
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0	
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0	
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0	
Chromium (Hexavalent)	mg/l	0.02	0.0006	171	0.001	<0.02	18	PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; P14, 838906, 1.5m

Constituents	BP6	BP7	P14	PIEZ 1A	PIEZ 1B	P15	GW2	GW3	C7	BP28	GR11
	657923	657924	657948	657969	657970	657971	657930	657931	657972	657973	657974
	18m	17m	1.4m	1.8m	2m	1.3m	15m	12m	16m	13m	10m
	17-Jul-2018	17-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	18-Jul-2018	19-Jul-2018	19-Jul-2018	17-Jul-2018	17-Jul-2018	17-Jul-2018
	Crag	Crag	Peat	Peat	Peat	Peat	Crag	Crag	Crag	Crag	Crag
Butylbenzyl Phthalate											
Benzo[a]anthracene											
Chrysene											
Bis(2-Ethylhexyl)Phthalate											
Di-N-Octyl Phthalate											
Benzo[b]fluoranthene											
Benzo[k]fluoranthene											
Benzo[a]pyrene											
Indeno(1,2,3-c,d)Pyrene											
Dibenz(a,h)Anthracene											
Benzo[g,h,i]perylene											
4-Nitrophenol											
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101											
PCB 105	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 90+101	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 114	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 156	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 157	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 167	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 169	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 189	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (12 Congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)	27	24	1	9	5	2	35	36	25	22	20
Arsenic (Total)	<0.001	0.001	0.0031	0.011	0.0077	0.0012	<0.001	<0.001	0.001	<0.001	<0.001
Boron (Total)	<0.02	<0.02	0.024	0.043	0.039	0.031	0.02	<0.02	<0.02	0.05	0.027
Cadmium (Total)	<0.00008	<0.00008	<0.00008	0.00013	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00034	<0.00008
Chromium (Total)	0.0024	0.0019	0.0042	0.02	0.012	<0.001	<0.001	<0.001	0.0015	0.001	0.0012
Copper (Total)	0.0013	<0.001	0.0026	0.041	0.12	0.05	<0.001	<0.001	<0.001	<0.001	<0.001
Iron (Total)	0.5	0.53	0.61	1	0.84	0.4	0.15	0.26	0.37	0.13	0.3
Manganese (Total)	<0.001	<0.001	0.97	0.051	0.31	1.5	0.0058	0.001	0.041	0.043	0.0018
Nickel (Total)	<0.001	<0.001	<0.001	0.005	0.0018	<0.001	0.0025	<0.001	<0.001	0.0081	<0.001
Lead (Total)	<0.001	<0.001	<0.001	0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Total)	0.0012	0.0018	0.0039	0.005	0.0015	0.006	<0.001	<0.001	<0.001	0.0025	<0.001
Chromium (Trivalent)	<0.02	<0.02	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium (Hexavalent)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Constituents	GR11A	GR11B	GW20	BP23	PD1	C1d	C1s	C4S	C4D	C2S	C2D
	658031	659889	659941	659942	659943	660702	660703	660710	660711	660712	660713
	10m	10m		10m		7m	4m	4m	10m	4m	10m
	17-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018	25-Jul-2018
	Crag	Crag	Crag	Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag
Butylbenzyl Phthalate											
Benzo[a]anthracene											
Chrysene											
Bis(2-Ethylhexyl)Phthalate											
Di-N-Octyl Phthalate											
Benzo[b]fluoranthene											
Benzo[k]fluoranthene											
Benzo[a]pyrene											
Indeno(1,2,3-c,d)Pyrene											
Dibenz(a,h)Anthracene											
Benzo[g,h,i]perylene											
4-Nitrophenol											
PCB 28	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101											
PCB 105	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 90+101	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 114	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 156	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 157	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 167	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 169	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 189	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (12 Congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (7 congeners)	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)	21	19	31	34	<1	<1	22	5	<1	10	1
Arsenic (Total)	0.0013	0.0027	0.0016	<0.001	<0.001	<0.001	0.002	<0.001	0.0025	0.0025	0.0023
Boron (Total)	0.032	0.045	0.047	0.03	<0.02	0.028	<0.02	<0.02	0.026	0.034	0.041
Cadmium (Total)	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Total)	0.0019	0.0098	0.0077	0.0053	0.0061	0.0027	0.011	0.004	0.0059	0.0056	0.003
Copper (Total)	<0.001	0.004	0.0026	<0.001	<0.001	0.0011	0.0027	0.002	0.0014	0.0042	0.0048
Iron (Total)	0.37	0.5	0.52	0.22	0.08	1.1	0.74	0.18	1.1	0.58	0.92
Manganese (Total)	0.0015	0.0044	0.0015	0.0027	<0.001	0.24	0.011	0.038	0.47	0.17	0.76
Nickel (Total)	<0.001	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.003	0.0012	0.0018
Lead (Total)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Total)	<0.001	0.009	0.0027	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	0.0015	0.0032
Chromium (Trivalent)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium (Hexavalent)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Assessment Criteria : ***Coastal and Estuarine EQS***

CaCO (mg/l): 0.00 **pH** 0.00
Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C3S	C3D	GW12	GW6S	PZ21	PZ2009_13	GW9S	GW9D	GR11	P13	C4S	C4D	PZ1A	PZ1B	PZ2009_18	P12	P8	C3D	C3S	BP23	C1D
									660714	660715	660716	660717	662068	843059	843060	843061	843062	843064	843065	843066	838889	838890	838891	838892	838893	838894	838895	838896	838897
									5m	10m	11m	4m	7m	15m	4.5m	6m	9m	1.5m	4.4m	8.5m	1.8m	2m	11m	1.5m	1.5m	16m	4.7m	9.3m	18.5m
									25-Jul-2018	25-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	12-Jun-2019	12-Jun-2019	12-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	03-Jun-2019	03-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	05-Jun-2019
									Crag	Crag	Made Ground	Made Ground	Crag	Crag	Made Ground	Made Ground	Crag	Peat	Crag	Crag	Peat	Peat	Crag	Peat	Peat	Crag	Crag	Crag	Crag
pH		N/A	7 - 9.0	171	6.5	1100	6	BP23, 72187, 9.33m; BP6, 165546, 17.6m; C3S, 168449, 4.5m; BP28, 205960, 14.5m; GW2, 657930, 15m; BP28, 657973, 13m	7.8	8.1	8.3	7.9	8.3	7.9	7.7	7.8	7.7	7.4	7.5	8.2	8.1	7.3	7.3	7.7	7.3	7.9	7.1	7.2	7.6
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0		2100	300	1100	2800	1200	940	2100	2200	920	510	230	1200	1200	4300	4900	290	1500	400	270	710	820
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0		57	24	59	21	17	19	71	49	8	6700	78	27	7	28	62	<5	7	14	8	47	5
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0																						
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0																						
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0		<10	61	390	61	350	390	560	570	370	96	31	240	380	400	110	110	380	87	34	59	350
Chloride	mg/l	1.0	N/A	171	<1	9500	0		750	57	150	1000	230	94	550	560	110	170	28	320	300	1600	1800	49	420	86	65	82	230
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	0.019	16	0		<0.05	0.086	2.8	16	0.14	0.47	1.6	1.5	0.1	0.27	0.22	0.21	0.35	0.48	0.24	0.29	0.4	0.24	0.19	0.23	0.23
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	<0.01	20	0		<0.05	0.11	3.6	20	0.18	0.6	2	1.9	0.13	0.35	0.28	0.27	0.45	0.62	0.31	0.37	0.52	0.31	0.25	0.3	0.29
Nitrite	mg/l	0.020	N/A	171	0.02	0.96	0		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.023	0.021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate	mg/l	0.50	N/A	171	<0.5	220	0		4.8	<0.5	<0.5	<0.5	6.4	<0.5	<0.5	<0.5	65	<0.5	21	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	190	0.99
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0		<0.2	0.22	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.42	<0.2	0.22	<0.2	0.86	<0.2	<0.2	0.26	<0.2	0.21	<0.2	0.3	<0.2
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0		<0.02	0.072	<0.02	<0.02	0.021	<0.02	<0.02	<0.02	0.14	<0.02	0.073	<0.02	0.29	0.029	<0.02	0.087	0.053	0.07	0.023	0.1	<0.02
Sulphate	mg/l	1.0	N/A	171	<1	1400	0		21	37	16	2.9	26	39	<1	<1	48	2.1	29	49	<1	24	60	29	<1	42	22	58	52
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0		1.1	<0.2	<0.2	<0.2	1.5	<0.2	<0.2	<0.2	15	<0.2	4.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	1.2	43	0.23
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	171	<5	2300	0		97	33	98	270	100	160	150	120	130	95	7.3	200	46	260	780	170	170	110	<5	74	110
Potassium	mg/l	0.50	N/A	171	<0.5	39	0		15	2.1	18	39	4.9	6.3	8.7	22	2.6	6.6	2.9	13	15	21	5.4	1.7	1.1	2	3.7	3.1	6.2
Magnesium	mg/l	0.50	N/A	171	0.98	490	0		88	3.9	16	5.5	6.5	15	18	35	16	15	5.6	13	2.4	12	40	5.2	17	5.2	5	22	8.4
Sodium	mg/l	0.50	N/A	171	0.66	2100	0		230	22	92	190	160	68	110	210	45	25	22	47	230	680	230	20	79	22	32	14	34
Arsenic (Dissolved)	mg/l	0.001	0.025	171	0.001	0.067	3	PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; C4D, 155737, 18m	0.004	0.0019	0.0021	0.023	0.0014	0.0054	0.0037	0.0028	0.0011	0.0047	0.0011	0.0021	0.0074	0.0036	0.0069	<0.001	0.0013	0.0021	<0.001	<0.001	0.0011
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0		0.028	<0.02	0.14	0.062	0.031	0.1	0.39	0.44	0.065	0.082	0.033	0.054	0.064	0.031	<0.02	0.028	<0.02	<0.02	0.023	0.026	0.027
Cadmium (Dissolved)	mg/l	0.00008	0.0002	171	<0.00008	0.0006	10	BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 284623, 14.4m; BP28, 324599, 15.5m; BP28, 657973, 13m; C3S, 660714, 5m; BP28, 838904, 14.5m	0.00027	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.0001	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.067	0		0.018	0.004	<0.001	0.0055	0.0061	0.0018	0.0048	0.006	0.0021	0.0033	0.0017	0.0043	0.0068	0.0097	0.013	0.0036	0.005	0.003	0.0022	0.0019	0.0025
Copper (Dissolved)	mg/l	0.001	0.00376	171	0.001	0.076	17	GW12, 69229, 12m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; BP7, 132765, 17.68m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; C4D, 155737, 18m; SD3, 205953, 15m; SD8, 205955, 17m; CPB13, 657921, 14m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; PZ1A, 838889, 1.8m	0.021	0.012	0.001	<0.001	<0.001	<0.001	<0.001	0.0019	<0.001	<0.001	<0.001	<0.001	0.014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese (Dissolved)	mg/l	0.001	N/A	171	0.001	5.3	0		5.3	0.093	2.6	0.27	0.0068	0.089	3.3	1.1	0.031	0.69	0.054	0.66	0.079	0.21	0.39	0.21	0.15	0.41	0.51	0.026	0.24
Nickel (Dissolved)	mg/l	0.001	0.0086	171	0.001	0.03	15	72755, GW2, WATERm; BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P13, 168451, 1.5m; SD3, 205953, 15m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; C3S, 660714, 5m; PZ1A, 838889, 1.8m; C2S, 838900, 4.5m; C2D, 838901, 17m	0.011	<0.001	0.0015	0.0041	<0.001	0.0016	<0.001	<0.001	<0.001	0.0021	<0.001	0.0016	0.0097	0.0018	0.0016	<0.001	0.0015	<0.001	0.0012	<0.001	0.0011
Lead (Dissolved)	mg/l	0.001	0.0013	171	<0.001	0.0071	5	P13, 168451, 1.5m; C2S, 169383, 4.4m; SD3, 205953, 15m; PIEZ 1A, 657969, 1.8m; PZ1A, 838889, 1.8m	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0041	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	0.0079	171	<0.001	0.49	47	C3S, 69227, 4.6m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; PZ16, 62157, 24.6m; P3, 61931, 1.5m; C35, 62521, 4.94m; BP28, 93539, 14.5m; BP28, 132768, 14.5m; C3S, 152243, 4.9m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P14, 166089, 1.43m; P13, 168451, 1.5m; C2S, 169383, 4.4m; PZ_21, 169666, 7m; GW16D, 169667, 8m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD8, 205955, 17m; BP7, 205957, 18m; BP28, 205960, 14.5m; C7, 205961, 17m; BP28, 243749, 14.33m; C7, 284624, 16.8m; GR11B, 659889, 10m; C3S, 660714, 5m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m; P14, 838906, 1.5m	0.013	0.004	<0.001	<0.001	<0.001	0.0073	0.0035	0.0076	0.0086	0.012	0.013	0.0063	0.051	0.49	0.048	0.016	0.054	0.063	0.023	0.0063	0.051
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		0.000012	<0.00001	<0.00001	0.000014	0.000011	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00077	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	1	171	0.02	18	19	P12, 69877, 1.5m; C1D, 70796, 18.39m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P3, 61931, 1.5m; C4D, 62523, 15.3m; C2D, 62525, 18.6m; P13, 152241, 1.5m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; GW6S, 660717, 4m; PZ1A, 838889, 1.8m; PZ2009_18, 838891, 11m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	0.56	0.72	0.31	1.2	0.27	0.27	0.77	0.29	0.31	0.13	0.03	0.38	1.1	0.68	1.1	0.11	0.29	0.069	<0.02	0.093	0.23
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0		11	10	14	22	9.8	9.4	11	14	9.6	8.2	4.6	6.8	42	31	5.7	9.3	25	4.5	5.9	4.1	0.81
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		12	12	17	24	11	9.6	14	16	8.2	8.4	5.7	7.6	46	33	10	14	28	5	10	5.5	2.7
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	0.002	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	0.0001	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	0.0000063	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00000017	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C3S	C3D	GW12	GW6S	PZ21	PZ2009_13	GW9S	GW9D	GR11	P13	C4S	C4D	PZ1A	PZ1B	PZ2009_18	P12	P8	C3D	C3S	BP23	C1D
									660714	660715	660716	660717	662068	843059	843060	843061	843062	843064	843065	843066	838889	838890	838891	838892	838893	838894	838895	838896	838897
									5m	10m	11m	4m	7m	15m	4.5m	6m	9m	1.5m	4.4m	8.5m	1.8m	2m	11m	1.5m	1.5m	16m	4.7m	9.3m	18.5m
									25-Jul-2018	25-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	12-Jun-2019	12-Jun-2019	12-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	03-Jun-2019	03-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	05-Jun-2019
									Crag	Crag	Made Ground	Made Ground	Crag	Crag	Made Ground	Made Ground	Crag	Peat	Crag	Crag	Peat	Peat	Crag	Peat	Peat	Crag	Crag	Crag	Crag
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	0.0025	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	0.1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.012	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.008	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.01	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.074	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	0.3	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.05	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phenol	mg/l	0.0005	0.0077	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Chlorophenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dichlorophenol	mg/l	0.0005	0.00042	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Naphthalene	mg/l	0.0005	0.002	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Acenaphthylene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dimethylphthalate	mg/l	0.0005	0.8	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Acenaphthene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fluorene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Pentachlorophenol	mg/l	0.0005	0.0004	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phenanthrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Anthracene	mg/l	0.0005	0.0001	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fluoranthene	mg/l	0.0005	0.0000063	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Pyrene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C3S	C3D	GW12	GW6S	PZ21	PZ2009_13	GW9S	GW9D	GR11	P13	C4S	C4D	PZ1A	PZ1B	PZ2009_18	P12	P8	C3D	C3S	BP23	C1D
									660714	660715	660716	660717	662068	843059	843060	843061	843062	843064	843065	843066	838889	838890	838891	838892	838893	838894	838895	838896	838897
									5m	10m	11m	4m	7m	15m	4.5m	6m	9m	1.5m	4.4m	8.5m	1.8m	2m	11m	1.5m	1.5m	16m	4.7m	9.3m	18.5m
									25-Jul-2018	25-Jul-2018	24-Jul-2018	24-Jul-2018	25-Jul-2018	12-Jun-2019	12-Jun-2019	12-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	13-Jun-2019	03-Jun-2019	03-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	04-Jun-2019	05-Jun-2019
									Crag	Crag	Made Ground	Made Ground	Crag	Crag	Made Ground	Made Ground	Crag	Peat	Crag	Crag	Peat	Peat	Crag	Peat	Peat	Crag	Crag	Crag	Crag
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[a]anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Chrysene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[a]pyrene	mg/l	0.0005	0.00000017	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0							<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101			No WSV	171	<0.01	<0.01	0																						
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0		<0.03	<0.03	<0.03	0.16	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0		2	<1	4.1	19	7.2																
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0		0.0039	0.002	0.0032	0.029	0.0014																
Boron (Total)	mg/l	0.02	7	171	0.02	0.21	0		0.027	<0.02	0.21	0.078	0.033																
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0		0.00027	<0.00008	<0.00008	<0.00008	<0.00008																
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.02	0		0.016	0.004	0.0034	0.013	0.0066																
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0		0.035	0.012	<0.001	0.0011	0.0011																
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0		0.57	0.74	0.39	1.5	0.27																
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0		5.7	0.095	3.7	0.34	0.0071																
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0		0.012	<0.001	<0.001	0.0054	<0.001																
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0		<0.001	<0.001	<0.001	<0.001	<0.001																
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0		0.013	0.004	<0.001	<0.001	<0.001																
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0		<0.02	<0.02	<0.02	<0.02	<0.02	<0.0001	<0.0001	<0.0001	0.00042	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.00016	0.007	0.0088	<0.0001
Chromium (Hexavalent)	mg/l	0.02	0.0006	171	0.001	<0.02	18	PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; P14, 838906, 1.5m	<0.02	<0.02	<0.02	<0.02	<0.02	0.002	0.005	0.006	0.002	0.003	0.002	0.004	0.007	0.01	0.013	0.004	0.005	0.003	<0.001	<0.001	0.002

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C1S	P15	C2S	C2D	GW20	C7	BP28	CPB13	P14
									838898	838899	838900	838901	838902	838903	838904	838905	838906
									4.5m	1.5m	4.5m	17m	6m	17.3m	14.5m	15m	1.5m
									05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019
									Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Peat
pH		N/A	7 - 9.0	171	6.5	1100	6	BP23, 72187, 9.33m; BP6, 165546, 17.6m; C3S, 168449, 4.5m; BP28, 205960, 14.5m; GW2, 657930, 15m; BP28, 657973, 13m	8	7.3	7.1	7.5	7.3	7.6	7.1	7.8	7.2
Electrical Conductivity	µS/cm	1.0	No WSV	171	3.8	24000	0		560	720	690	940	460	890	520	960	1800
Suspended Solids At 105C	mg/l	5.0	No WSV	171	5	6700	0		<5	15	26	39	<5	360	<5	59	<5
Biochemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	72	0										
Chemical Oxygen Demand Low Level	mg O2/l	1	No WSV	171	1	650	0										
Alkalinity (Total)	mg/l	10	No WSV	171	<10	930	0		100	420	57	450	140	240	55	190	350
Chloride	mg/l	1.0	N/A	171	<1	9500	0		86	57	130	63	35	82	59	79	500
Ammoniacal Nitrogen	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	0.019	16	0		2.3	0.27	2.2	0.26	2.8	2.5	2.9	2.8	0.086
Ammonium	mg/l	0.050	Not appropriate, see Unionised Ammonia	171	<0.01	20	0		2.9	0.35	2.8	0.33	3.6	3.2	3.7	3.6	0.11
Nitrite	mg/l	0.020	N/A	171	0.02	0.96	0		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate	mg/l	0.50	N/A	171	<0.5	220	0		88	0.88	40	<0.5	10	110	97	210	<0.5
Phosphate	mg/l	0.200	No WSV	171	0.05	0.86	0		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.24	<0.2
Phosphorus (Total)	mg/l	0.020	No WSV	171	<0.02	0.29	0		0.05	<0.02	<0.02	<0.02	<0.02	<0.02	0.03	0.08	<0.02
Sulphate	mg/l	1.0	N/A	171	<1	1400	0		9.6	<1	120	54	29	84	59	59	<1
Total Oxidised Nitrogen	mg/l	0.20	No WSV	171	0.2	50	0		20	0.2	9	<0.2	2.3	25	22	47	<0.2
Cyanide (Free) Low-Level	mg/l	0.0050	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Calcium	mg/l	5.0	N/A	171	<5	2300	0		110	88	140	150	53	45	49	140	180
Potassium	mg/l	0.50	N/A	171	<0.5	39	0		1.5	1.4	3.4	2.5	3.6	3.3	8.4	4.1	3.3
Magnesium	mg/l	0.50	N/A	171	0.98	490	0		6.8	6.9	8.6	11	10	9.1	8.2	8.1	14
Sodium	mg/l	0.50	N/A	171	0.66	2100	0		43	30	80	32	12	10	21	26	98
Arsenic (Dissolved)	mg/l	0.001	0.025	171	0.001	0.067	3	PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; C4D, 155737, 18m	<0.001	<0.001	<0.001	0.0015	<0.001	<0.001	<0.001	0.0018	0.0019
Boron (Dissolved)	mg/l	0.02	No WSV	171	0.02	1.4	0		<0.02	0.024	0.042	0.032	0.039	<0.02	0.048	0.027	0.022
Cadmium (Dissolved)	mg/l	0.00008	0.0002	171	<0.00008	0.0006	10	BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 284623, 14.4m; BP28, 324599, 15.5m; BP28, 657973, 13m; C3S, 660714, 5m; BP28, 838904, 14.5m	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00025	<0.00008	<0.00008
Chromium (Dissolved)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.067	0		0.0018	0.0015	0.0016	0.002	<0.001	<0.001	0.0055	<0.001	0.0036
Copper (Dissolved)	mg/l	0.001	0.00376	171	0.001	0.076	17	GW12, 69229, 12m; PZ16, 62157, 24.6m; GW9S, 61932, 4.48m; BP7, 132765, 17.68m; PZ18, 154534, 11.426m; GW9D, 154537, 16.36m; C4D, 155737, 18m; SD3, 205953, 15m; SD8, 205955, 17m; CPB13, 657921, 14m; PIEZ 1A, 657969, 1.8m; PIEZ 1B, 657970, 2m; P15, 657971, 1.3m; C2D, 660713, 10m; C3S, 660714, 5m; C3D, 660715, 10m; PZ1A, 838889, 1.8m	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese (Dissolved)	mg/l	0.001	N/A	171	0.001	5.3	0		0.0078	1.9	0.13	2.1	0.061	0.0039	0.028	0.0026	1.6
Nickel (Dissolved)	mg/l	0.001	0.0086	171	0.001	0.03	15	72755, GW2, WATERm; BP28, 93539, 14.5m; BP28, 132768, 14.5m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P13, 168451, 1.5m; SD3, 205953, 15m; BP28, 205960, 14.5m; BP28, 243749, 14.33m; BP28, 324599, 15.5m; C3S, 660714, 5m; PZ1A, 838889, 1.8m; C2S, 838900, 4.5m; C2D, 838901, 17m	<0.001	<0.001	0.0093	0.0087	<0.001	<0.001	0.0078	<0.001	0.0019
Lead (Dissolved)	mg/l	0.001	0.0013	171	<0.001	0.0071	5	P13, 168451, 1.5m; C2S, 169383, 4.4m; SD3, 205953, 15m; PIEZ 1A, 657969, 1.8m; PZ1A, 838889, 1.8m	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc (Dissolved)	mg/l	0.001	0.0079	171	<0.001	0.49	47	C3S, 69227, 4.6m; PZ21, 72758, 7.1m; 72754, GW3, WATERm; 72755, GW2, WATERm; PZ16, 62157, 24.6m; P3, 61931, 1.5m; C35, 62521, 4.94m; BP28, 93539, 14.5m; BP28, 132768, 14.5m; C3S, 152243, 4.9m; BP28, 152751, 14.5m; PZ18, 154534, 11.426m; C4D, 155737, 18m; P14, 166089, 1.43m; P13, 168451, 1.5m; C2S, 169383, 4.4m; PZ_21, 169666, 7m; GW16D, 169667, 8m; GW12, 169668, 10.5m; SD3, 205953, 15m; SD8, 205955, 17m; BP7, 205957, 18m; BP28, 205960, 14.5m; C7, 205961, 17m; BP28, 243749, 14.33m; C7, 284624, 16.8m; GR11B, 659889, 10m; C3S, 660714, 5m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C3S, 838895, 4.7m; C1D, 838897, 18.5m; C1S, 838898, 4.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; GW20, 838902, 6m; C7, 838903, 17.3m; BP28, 838904, 14.5m; CPB13, 838905, 15m; P14, 838906, 1.5m	0.037	0.0045	0.11	0.082	0.019	0.09	0.073	0.017	0.077
Mercury Low Level	mg/l	0.00001	No WSV	171	0.00001	0.00077	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Iron (Dissolved)	mg/l	0.02	1	171	0.02	18	19	P12, 69877, 1.5m; C1D, 70796, 18.39m; P1, 60016, 1.5m; P14, 60017, 1.5m; P12, 60018, 1.5m; P10, 61415, 1.5m; P3, 61931, 1.5m; C4D, 62523, 15.3m; C2D, 62525, 18.6m; P13, 152241, 1.5m; P13, 168451, 1.5m; GW12, 169668, 10.5m; SD3, 205953, 15m; GW6S, 660717, 4m; PZ1A, 838889, 1.8m; PZ2009_18, 838891, 11m; P15, 838899, 1.5m; C2D, 838901, 17m; P14, 838906, 1.5m	0.067	2.3	0.18	1.1	0.1	0.19	0.062	0.2	1.2
Dissolved Organic Carbon	mg/l	2.0	No WSV	171	0.81	56	0		6	18	3.9	6.9	11	6.3	4.3	3.3	22
Total Organic Carbon	mg/l	2.0	No WSV	171	<2	160	0		6.8	20	7.2	8.8	13	6.3	6.9	9.3	28
Total TPH >C6-C40	mg/l	0.01	No WSV	171	<0.01	4	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	mg/l	0.0001	0.002	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthylene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Acenaphthene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	mg/l	0.0001	0.0001	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	mg/l	0.0001	0.0000063	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[b]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[k]fluoranthene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[a]pyrene	mg/l	0.0001	0.00000017	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz(a,h)Anthracene	mg/l	0.0001	N/A	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo[g,h,i]perylene	mg/l	0.0001	Screen BaP only	171	<0.00001	<0.0001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Of 16 PAH's	mg/l	0.002	No WSV	171	<0.0002	<0.002	0		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Dichlorodifluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/l	0.005	No WSV	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C1S	P15	C2S	C2D	GW20	C7	BP28	CPB13	P14
									838898	838899	838900	838901	838902	838903	838904	838905	838906
									4.5m	1.5m	4.5m	17m	6m	17.3m	14.5m	15m	1.5m
									05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019
									Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Peat
Chloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichlorofluoromethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	mg/l	0.005	No WSV	171	<<0.001	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloromethane	mg/l	0.001	0.0025	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	mg/l	0.001	0.1	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloromethane	mg/l	0.001	0.012	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	mg/l	0.001	0.008	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/l	0.002	0.01	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Trichloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	0.001	0.074	171	<0.001	0.0019	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	mg/l	0.01	No WSV	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	mg/l	0.01	0.3	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	mg/l	0.001	0.01	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	mg/l	0.01	N/A	171	<0.01	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	mg/l	0.005	N/A	171	<0.005	<0.005	0		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/l	0.001	N/A	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1,2-Tetrachloroethane	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
m & p-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
o-Xylene	mg/l	0.001	See Xylenes (total)	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/l	0.001	0.05	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tribromomethane	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	mg/l	0.05	No WSV	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
N-Propylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Butylbenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/l	0.001	0.02	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	mg/l	0.05	N/A	171	<0.05	<0.05	0		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,4-Trichlorobenzene	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorobutadiene	mg/l	0.001	0.0006	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	mg/l	0.002	No WSV	171	<0.002	<0.002	0		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl Tert-Butyl Ether	mg/l	0.001	No WSV	171	<0.001	<0.001	0		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
N-Nitrosodimethylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phenol	mg/l	0.0005	0.0077	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Chlorophenol	mg/l	0.0005	0.05	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis-(2-Chloroethyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,3-Dichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,4-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,2-Dichlorobenzene	mg/l	0.0005	0.02	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methylphenol (o-Cresol)	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Chloroisopropyl)Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachloroethane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
N-Nitrosodi-n-propylamine	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Methylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Nitrobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Isophorone	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dimethylphenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Chloroethoxy)Methane	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dichlorophenol	mg/l	0.0005	0.00042	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,2,4-Trichlorobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Naphthalene	mg/l	0.0005	0.002	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chloroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorobutadiene	mg/l	0.0005	0.0006	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chloro-3-Methylphenol	mg/l	0.0005	0.04	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methylnaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorocyclopentadiene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,6-Trichlorophenol	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4,5-Trichlorophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Chloronaphthalene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Acenaphthylene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dimethylphthalate	mg/l	0.0005	0.8	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,6-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Acenaphthene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dibenzofuran	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Chlorophenylphenylether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2,4-Dinitrotoluene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fluorene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Diethyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Nitroaniline	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Methyl-4,6-Dinitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Azobenzene	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Bromophenylphenyl Ether	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Hexachlorobenzene	mg/l	0.0005	0.00005	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Pentachlorophenol	mg/l	0.0005	0.0004	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phenanthrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Anthracene	mg/l	0.0005	0.0001	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Carbazole	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Di-N-Butyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Fluoranthene	mg/l	0.0005	0.0000063	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Pyrene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Assessment Criteria : *Coastal and Estuarine EQS*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	C1S	P15	C2S	C2D	GW20	C7	BP28	CPB13	P14
									838898	838899	838900	838901	838902	838903	838904	838905	838906
									4.5m	1.5m	4.5m	17m	6m	17.3m	14.5m	15m	1.5m
									05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	05-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019	06-Jun-2019
									Crag	Peat	Crag	Crag	Crag	Crag	Crag	Crag	Peat
Butylbenzyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[a]anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Chrysene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Bis(2-Ethylhexyl)Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Di-N-Octyl Phthalate	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[b]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[k]fluoranthene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[a]pyrene	mg/l	0.0005	0.00000017	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Indeno(1,2,3-c,d)Pyrene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Dibenz(a,h)Anthracene	mg/l	0.0005	N/A	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzo[g,h,i]perylene	mg/l	0.0005	Screen BaP only	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4-Nitrophenol	mg/l	0.0005	No WSV	171	<0.0005	<0.0005	0		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
PCB 28	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 81	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 52	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 77	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 101			No WSV	171	<0.01	<0.01	0										
PCB 105	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 90+101	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 114	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 118	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 153	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 123	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 138	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 126	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 180	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 156	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 157	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 167	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 169	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCB 189	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (12 Congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total PCBs (7 congeners)	mg/l	0.00001	No WSV	171	<0.00001	<0.00001	0		<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Total Phenols	mg/l	0.030	No WSV	171	<0.03	0.16	0		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Nitrogen (Total)	mg/l	1.0	No WSV	171	1	45	0										
Arsenic (Total)	mg/l	0.001	No WSV	171	0.001	0.029	0										
Boron (Total)	mg/l	0.02	7	171	0.02	0.21	0										
Cadmium (Total)	mg/l	0.00008	No WSV	171	<0.00008	0.00034	0										
Chromium (Total)	mg/l	0.001	See Cr VI as first pass	171	0.001	0.02	0										
Copper (Total)	mg/l	0.001	No WSV	171	<0.001	0.12	0										
Iron (Total)	mg/l	0.02	No WSV	171	0.08	1.5	0										
Manganese (Total)	mg/l	0.001	No WSV	171	0.001	5.7	0										
Nickel (Total)	mg/l	0.001	No WSV	171	<0.001	0.012	0										
Lead (Total)	mg/l	0.001	No WSV	171	<0.001	0.0025	0										
Zinc (Total)	mg/l	0.001	No WSV	171	<0.001	0.013	0										
Chromium (Trivalent)	mg/l	0.02	No WSV	171	<0.0001	0.02	0		0.009	0.00024	0.00024	<0.0001	0.0087	0.01	0.0075	0.0079	0.00011
Chromium (Hexavalent)	mg/l	0.02	0.0006	171	0.001	<0.02	18	PZ2009_13, 843059, 15m; GW9S, 843060, 4.5m; GW9D, 843061, 6m; GR11, 843062, 9m; P13, 843064, 1.5m; C4S, 843065, 4.4m; C4D, 843066, 8.5m; PZ1A, 838889, 1.8m; PZ1B, 838890, 2m; PZ2009_18, 838891, 11m; P12, 838892, 1.5m; P8, 838893, 1.5m; C3D, 838894, 16m; C1D, 838897, 18.5m; P15, 838899, 1.5m; C2S, 838900, 4.5m; C2D, 838901, 17m; P14, 838906, 1.5m	<0.001	0.001	0.001	0.002	<0.001	<0.001	<0.001	<0.001	0.003

Appendix L – Sediment Screening Results

Assessment Criteria : *Commercial - 1% SOM Sand*

☐ **Use MRL Values?**

										Location																				
										Sample ID	CEFAS7-0206	SPT03-20190	06 ES-WAC-1	6 ES-WAC-3	OT-SPT2-ES-	M, ES, 2, SB04	M, ES, 4, SB04	TSB04 ESWA	TSB04 ESWA	.00 ES 3 OTS	ESWAC1-	ESWAC2-0	02 ESWAC	301-ESWA	ES, 2, SB0	ES, 4, SB0	ES, 1, OTS	ES, 6, OTS	ES, 4, SP	ES, 1, SB0
										Depth	2m	8m	0m	26m	24m	1m	1.5m	14.5m	4.5m	24m	0m	19.5m	0m	19.5m	1m	1.5m	0m	2m	1m	0m
										Date	02/06/2019	31/05/2019	06/06/2019	06/06/2019	16/06/2019	22/06/2019	22/06/2019	06/07/2019	06/07/2019	06/07/2019	########	########	########	########	22-Jun-19	22-Jun-19	04-Jul-19	04-Jul-19	07-Jul-19	07-Jul-19
									Strata																					
Constituent	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedances**	**Locations of Exceedances**		**Zone**										514										
Exchange.Ammonium AR	mg/kg		No SSV	11	<0.6	20.3	0				1.2	<0.6	<0.6	20.3	<0.6			<0.6		9.5	0.8	<0.6	<0.6	<0.6						
Acid Neut. Capacity	Mol/kg		No SSV	11	1.33	17.4	0				17.4	9.52	16.1	1.34	5.11				4.52	1.33	4.12	5.16	2.27	5.72						
Benzene	mg/kg	0	12.5	12	<0.0114	<0.0142	0				<0.0123	<0.0116	<0.0121	<0.0138	<0.0121			<0.0118	<0.0117	<0.0142	<0.0117	<0.0117	<0.0119	<0.0114						
Ethyl Benzene	mg/kg	0	7660	12	<0.0114	<0.0142	0				<0.0123	<0.0116	<0.0121	<0.0138	<0.0121			<0.0118	<0.0117	<0.0142	<0.0117	<0.0117	<0.0119	<0.0114						
m/p Xylenes	mg/kg	0	No SSV	12	<0.0228	<0.0284	0				<0.0246	<0.0231	<0.0242	<0.0276	<0.0242			<0.0237	<0.0235	<0.0284	<0.0234	<0.0234	<0.0239	<0.0228						
MTBE	mg/kg	0	3140	11	<0.0228	<0.0284	0				<0.0246	<0.0231	<0.0242	<0.0276	<0.0242				<0.0235	<0.0284	<0.0234	<0.0234	<0.0239	<0.0228						
o Xylene	mg/kg	0	3030	12	<0.0114	<0.0142	0				<0.0123	<0.0116	<0.0121	<0.0138	<0.0121			<0.0118	<0.0117	<0.0142	<0.0117	<0.0117	<0.0119	<0.0114						
Toluene	mg/kg	0	27900	12	<0.0114	0.116	0				<0.0123	<0.0116	<0.0121	<0.0138	<0.0121			<0.0118	<0.0117	0.116	<0.0117	<0.0117	<0.0119	<0.0114						
Xylenes	mg/kg	0	No SSV	12	<0.0342	<0.0426	0				<0.0369	<0.0347	<0.0363	<0.0414	<0.0363			<0.0355	<0.035	<0.0426	<0.0351	<0.0352	<0.0358	<0.0342						
FOC			No SSV	11	0.0011	0.0095	0				0.0018	0.0018	0.002	0.0085	0.002			0.0014		0.0095	0.0012	0.0012	0.0013	0.0011						
SOM	% M/M		No SSV	11	0.19	1.64	0				0.31	0.31	0.35	1.47	0.29			0.27		1.64	0.21	0.21	0.22	0.19						
GRO	mg/kg		No SSV	11	<0.2	<0.604	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.604						
GRO (>C5 - C6)	mg/kg		No SSV	11	<0.2	<0.604	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.604						
GRO (>C7 - C8)	mg/kg		No SSV	11	<0.2	<0.604	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.604						
GRO (>C8 - C10)	mg/kg		No SSV	11	<0.2	<0.604	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.604						
GRO (C5-C6 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.228						
GRO (C6-C7 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.228						
GRO (C6-C7)	mg/kg		No SSV	11	<0.2	<0.604	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.604						
GRO (C7-C8 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.228						
GRO (C8-C10 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.228						
SO4-- (acid sol)	mg/kg		No SSV	11	880	3060	0				2400	2130	2750	1850	1840			1250		3060	1430	1480	880	1580						
Boron (H20 Soluble)	mg/kg		No SSV	11	2.1	6.9	0				2.4	3.3	2.5	6.9	2.6			2.1		6	2.6	2.1	2.1	2.3						
Arsenic (MS)	mg/kg		635	22	4.2	34.1	0				12.1	9.4	6.8	8.8	15.6	18.3	18.1	7.9		13	7	10.5	7.8	16.1	18.3	18.1	16.6	4.2	11.5	12.8
Cadmium (MS)	mg/kg		410	22	<0.04	0.9	0				<0.2	<0.2	0.26	0.9	0.49	0.04	0.07	<0.2		0.8	<0.2	<0.2	<0.2	<0.2	0.04	0.07	0.11	0.07	0.12	0.1
Chromium (MS)	mg/kg		208000	22	6	47.2	0				10	12.9	8.4	39.1	19	6.6	10.2	8.5		47.2	10.4	10.3	9.5	11.5	6.6	10.2	15.6	6	19.4	13.2
Copper (MS)	mg/kg		106000	22	2.7	98	0				4.5	6.7	7.3	71.7	98	5.7	6.9	3		64.4	5.3	5.6	4.7	2.7	5.7	6.9	11.4	7.6	12.9	10.1
Lead (MS)	mg/kg		2310	22	0.03	42	0				3.4	4.1	1.8	13.3	42	6.4	6.5	5		15.2	4.9	3.8	4.6	4.4	6.4	6.5	13.5	3.3	9.3	9.8
Mercury (MS)	mg/kg		No SSV	22	<0.015	10.3	0				<0.5	<0.5	<0.5	<0.53	<0.5	0.03	0.03	<0.5		<0.6	<0.5	<0.5	<0.5	<0.5	0.03	0.03	<0.015	<0.015	<0.015	0.06
Nickel (MS)	mg/kg		1770	22	4.2	50.1	0				4.6	5.3	7.2	50.1	21.3	5.2	8.1	6		46.1	5.9	4.5	6.9	5.6	5.2	8.1	11	4.2	16.3	10.6
Selenium (MS)	mg/kg		13000	11	<0.5	3.7	0				<0.5	<0.5	<0.5	3.3	<0.5			<0.5		3.7	<0.5	<0.5	<0.5	<0.5						
Vanadium (MS)	mg/kg		7490	11	19.6	76.8	0				19.6	31	19.7	58.4	29.3			37.4		76.8	38.7	41.3	28.4	35.1						
Zinc (MS)	mg/kg		1100000	22	<11.6	110.6	0				24.9	19.6	<15.9	108.5	90.4	20.7	24.3	18.6		110.6	19.7	25.7	19.7	21.1	20.7	24.3	36.8	11.6	39.6	29.8
Iron	mg/kg		No SSV	11	352	39200	0				9310	24000	7660	27500	39200			352		35500	18300	29000	16100	16100						
Chromium vi:	mg/kg		49.1	11	<0.1	<0.1	0				<0.1	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1	<0.1						
L.O.I. % @ 450C	%		No SSV	12	1.3	6.2	0				1.3	2.2	1.4	5.1	2.8			3.7	3	6.2	2	2.9	2.3	2						
Dibutyl Tin	ug Sn/kg		No SSV	7	<1	<1	0					<1	<1		<1			<1			<1		<1	<1						
Tributyl Tin as Sn	ug Sn/kg		No SSV	7	<1	<1	0					<1	<1		<1			<1			<1		<1	<1						
Triphenyl Tin	ug Sn/kg		No SSV	7	<1	<1	0					<1	<1		<1			<1			<1		<1	<1						
Acenaphthene	mg/kg		83600	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Acenaphthylene	mg/kg		No SSV	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Anthracene	mg/kg		535000	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Benzo(a)anthracene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Benzo(a)pyrene	mg/kg		76.3	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Benzo(b)fluoranthene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Benzo(ghi)perylene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Benzo(k)fluoranthene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Chrysene	mg/kg		BaP Surrogate	23	<0.09	22.2	0				<0.1	<0.09	<0.1	<0.11	<0.1	1.27	17.1	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09	1.27	17.1	22.2	<1	13.8	6.72
Coronene	mg/kg		No SSV	11	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1				<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Dibenzo(ah)anthracene	mg/kg		BaP Surrogate	23	<0.09	4.7	0				<0.1	<0.09	<0.1	<0.11	<0.1	<1	2.88	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09	<1	2.88	4.7	<1	2.66	<1
Fluoranthene	mg/kg		72200	23	<0.09	44	0				<0.1	<0.09	<0.1	<0.11	<0.1	1.65	15.6	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09	1.65	15.6	44	<1	13.8	7.85
Fluorene	mg/kg		66500	23	<0.09	7.24	0				<0.1	<0.09	<0.1	<0.11	<0.1	<1	6.86	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09	<1	6.86	7.24	<1	5.69	3
Indeno(123-cd)pyrene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Naphthalene	mg/kg		90.1	14	<0.09	11.9	0				<0.1	<0.09	<0.1	<0.11	<0.1	<1	11.9	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Phenanthrene	mg/kg		No SSV	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Pyrene	mg/kg		54100	14	<0.09	21.2	0				<0.1	<0.09	<0.1	<0.11	<0.1	1.73	21.2	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Total PAH (Sum of USEPA 16)	mg/kg		No SSV	12	<1.46	<1.82	0				<1.58	<1.48	<1.55	<1.77	<1.55			<1.51	<1.5	<1.82	<1.5	<1.5	<1.53	<1.46						
PCB 101	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 118	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 138	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 153	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 180	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 28	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 52	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
pH units (AR)	pH Units		No SSV	12	8	9.1	0				8.5	8.3	9.1	9	8.8			8.8	8.8	8.7	8.4	8.3	8.4	8						
Cyanide(Free) (AR)	mg/kg		373	11	<0.6	<0.7	0				<0.6	<0.6	<0.6	<0.7	<0.6			<0.6		<0.7	<0.6	<0.6	<0.6	<0.6						
Cyanide(Total) (AR)	mg/kg		No SSV	11	<0.6	<0.7	0				<0.6	<0.6	<0.6	<0.7	<0.6			<0.6		<0.7	<0.6	<0.6	<0.6	<0.6						
Phenol Index.(AR)	mg/kg		No SSV	11	<0.6	<0.7	0				<0.6	<0.6	<0.6	<0.7	<0.6			<0.6		<0.7	<0.6	<0.6	<0.6	<0.6						
Sulphide as S (AR)	mg/kg		No SSV	11	<0.6	4.2	0				<0.6	<0.6	<0.6	<0.7	3.1			<0.6		<0.7	1.4	4.2	1.3	3						
^Asbestos Screen & ID (Stage 1)			No SSV	11	-	-	0				NAIIS	NAIIS	NAIIS	NAIIS	NAIIS			NAIIS		NAIIS	NAIIS	NAIIS	NADIS	NADIS						
1,2,4-Trichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
1,2-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
1,3-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
1,4-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
1-Methylnaphthalene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2,4,5-Trichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2,4,6-Trichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2,4-Dichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2,4-Dimethylphenol	mg/kg		11800	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2,4-Dinitrophenol	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
2,4-Dinitrotoluene	mg/kg		3730	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
2,6-Dinitrotoluene	mg/kg		1840	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						

Assessment Criteria : ***Commercial - 1% SOM Sand***

☐ **Use MRL Values?**

		it of Detection	**neric Assessment teria**	**mber of Samples**	**imum Value**	**ximum Value**	**mber of ceedances**			**Location**																				
										Sample ID	CEFAS7-0206	SPT03-20190	06 ES-WAC-1	6 ES-WAC-3	OT-SPT2-ES-	, ES, 2, SB04	, ES, 4, SB04	TSB04 ESWA	TSB04 ESWA	.00 ES 3 OTS	ESWAC1-	ESWAC2-0	02 ESWAC	B01-ESWA	ES, 2, SB	ES, 4, SB	ES, 1, OTS	ES, 6, OTS	, ES, 4, SP	ES, 1, SB
										Depth	2m	8m	0m	26m	24m	1m	1.5m	14.5m	4.5m	24m	0m	19.5m	0m	19.5m	1m	1.5m	0m	2m	1m	0m
										Date	02/06/2019	31/05/2019	06/06/2019	06/06/2019	16/06/2019	22/06/2019	22/06/2019	06/07/2019	06/07/2019	06/07/2019	########	########	########	########	22-Jun-19	22-Jun-19	04-Jul-19	04-Jul-19	07-Jul-19	07-Jul-19
									Strata																					
2-Chloronaphthalene	mg/kg		176	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2-Chlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2-Methylnaphthalene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2-Methylphenol	mg/kg		155000	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2-Nitroaniline	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
2-Nitrophenol	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
3- & 4-Methylphenol	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
3-Nitroaniline	mg/kg		No SSV	7	<16.5	<17.5	0					<16.8	<17.5		<17.5			<17.2			<17		<17.3	<16.5						
4,6-Dinitro-2-methylphenol	mg/kg		No SSV	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
4-Bromophenyl-phenylether	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
4-Chloro-3-methylphenol	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
4-Chloroaniline	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
4-Chlorophenol	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
4-Chlorophenyl-phenylether	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
4-Nitroaniline	mg/kg		No SSV	7	<0.684	<0.726	0					<0.694	<0.726		<0.726			<0.71			<0.703		<0.717	<0.684						
4-Nitrophenol	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Acenaphthene	mg/kg		83600	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Acenaphthylene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Anthracene	mg/kg		535000	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Benzo(a)anthracene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Benzo(a)pyrene	mg/kg		76.3	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Benzo(b)fluoranthene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Benzo(ghi)perylene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Benzo(k)fluoranthene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Benzoic Acid	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Benzyl alcohol	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Biphenyl	mg/kg		42400	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
bis(2-Chloroethoxy)methane	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
bis(2-Chloroethyl)ether	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
bis(2-Chloroisopropyl)ether	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
bis(2-Ethylhexyl)phthalate	mg/kg		No SSV	7	<0.228	3.7	0					<0.231	3.7		<0.242			<0.237			<0.234		<0.239	<0.228						
Butylbenzylphthalate	mg/kg		No SSV	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Chrysene	mg/kg		BaP Surrogate	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Coronene	mg/kg		No SSV	7	<0.342	<0.363	0					<0.347	<0.363		<0.363			<0.355			<0.351		<0.358	<0.342						
Dibenzo(ah)anthracene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Dibenzofuran	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Diethylphthalate	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Dimethylphthalate	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Di-n-butylphthalate	mg/kg		70800	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Di-n-octylphthalate	mg/kg		89000	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Diphenyl Ether	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Fluoranthene	mg/kg		72200	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Fluorene	mg/kg		66500	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Hexachlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Hexachlorobutadiene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Hexachlorocyclopentadiene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Hexachloroethane	mg/kg		9.41	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Indeno(123-cd)pyrene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Isophorone	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Naphthalene	mg/kg		90.1	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Nitrobenzene	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
N-Nitroso-di-n-propylamine	mg/kg		No SSV	7	<1.026	<1.088	0					<1.042	<1.088		<1.088			<1.065			<1.054		<1.075	<1.026						
N-Nitrosodiphenylamine	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Pentachlorophenol	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Phenanthrene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Phenol	mg/kg		685	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Pyrene	mg/kg		54100	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Tot.Moisture @ 105C	%		No SSV	12	12.3	29.6	0				18.8	13.6	17.3	27.5	17.3			15.5	14.8	29.6	14.6	14.7	16.3	12.3						
TPH Band (>C10-C40)	mg/kg		No SSV	11	11.9	189	0				13.8	72.1	189	66.6	85.9				21	67	17.2	12.5	28	11.9						
TPH by GCFID (AR)	mg/kg		No SSV	10	14.9	190	0				14.9	74.4	190	69.1	86.2					80.1	23	17.7	29.3	17.4						
TPH Ali Band >C10-C12	mg/kg		No SSV	11	<4.56	<5.68	0				<4.93	<4.63	5.5	<5.52	<4.84			<4.73		<5.68	<4.68	<4.69	<4.78	<4.56						
TPH Ali Band >C12-C16	mg/kg		No SSV	11	<4.56	6.93	0				<4.93	<4.63	6.93	<5.52	<4.84			<4.73		<5.68	<4.68	<4.69	<4.78	<4.56						
TPH Ali Band >C16-C21	mg/kg		No SSV	11	<4.56	30.1	0				<4.93	<4.63	30.1	10.41	<4.84			5.47		<5.68	5.09	<4.69	<4.78	<4.56						
TPH Ali Band >C21-C35	mg/kg		No SSV	11	<10.27	76.7	0				<10.79	12.3	76.7	28.4	<10.59			13.4		21.2	12.8	<10.27	<10.47	10.7						
TPH Ali Band >C8-C10	mg/kg		No SSV	11	<4.56	10.1	0				<4.93	<4.63	<4.84	<5.52	<4.84			7.47		10.1	8.13	<4.69	<4.78	<4.56						
TPH Ali Band >C8-C40	mg/kg		No SSV	11	<22.8	129	0				<24.6	<23.1	129	53.5	<24.2			32		42.9	31.4	<23.4	<23.9	<22.8						
TPH Aro Band >C10-C12	mg/kg		No SSV	11	<4.56	<5.68	0				<4.93	<4.63	<4.84	<5.52	<4.84			<4.73		<5.68	<4.68	<4.69	<4.78	<4.56						
TPH Aro Band >C12-C16	mg/kg		No SSV	11	<4.56	<5.68	0				<4.93	<4.63	<4.84	<5.52	<4.84			<4.73		<5.68	<4.68	<4.69	<4.78	<4.56						
TPH Aro Band >C16-C21	mg/kg		No SSV	11	<4.63	11.02	0				<4.93	<4.63	11.02	10.18	<4.84			<4.73		5.71	7.28	<4.69	<4.78	5.91						
TPH Aro Band >C21-C35	mg/kg		No SSV	11	<10.14	35.6	0				13.7	<10.14	32.5	35.6	<10.59			15.6		21.7	28	16.2	13	12.2						
TPH Aro Band >C8-C10	mg/kg		No SSV	11	<4.56	<5.68	0				<4.93	<4.63	<4.84	<5.52	<4.84			<4.73		<5.68	<4.68	<4.69	<4.78	<4.56						
TPH Aro Band >C8-C40	mg/kg		No SSV	11	<23.1	55.6	0				28.3	<23.1	54.7	55.6	<24.2			32.5		43.3	50	24.3	<23.9	23.6						
1,1,1,2-Tetrachloroethane	mg/kg	0	204	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1,1-Trichloroethane	mg/kg	0	306	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1,2,2-Tetrachloroethane	mg/kg	0	426	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1,2-Trichloroethane	mg/kg	0	40.1	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1-Dichloroethane	mg/kg	0	115	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1-Dichloroethene	mg/kg	0	11.9	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2,3-Trichlorobenzene	mg/kg	0	No SSV	7	<0.0034	<0.0036	0					<0.0035	<0.0036		<0.0036			<0.0036			<0.0035		<0.0036	<0.0034						
1,2,3-Trichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2,4-Trichlorobenzene	mg/kg	0	No SSV	7	<0.0034	<0.0036	0					<0.0035	<0.0036		<0.0036			<0.0036			<0.0035		<0.0036	<0.0034						
1,2,4-Trimethylbenzene	mg/kg	0	165	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2-Dibromo-3-chloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2-Dibromoethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2-Dichloroethane	mg/kg	0	0.854	7	<0.0011	<0.0012	0					<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						

Assessment Criteria : *Commercial - 1% SOM Sand*

☐ **Use MRL Values?**

		it of Detection	eric Assessment eria	mber of Samples	imum Value	ximum Value	mber of eedances
1,2-Dichloropropane	mg/kg	0	1.34	7	<0.0011	<0.0012	0
1,3,5-Trimethylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
1,3-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
1,3-Dichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
1,4-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
2,2-Dichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
2-Chlorotoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
4-Chlorotoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Benzene	mg/kg	0	12.5	7	<0.0011	<0.0012	0
Bromobenzene	mg/kg	0	42.1	7	<0.0011	<0.0012	0
Bromochloromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Bromodichloromethane	mg/kg	0	0.854	7	<0.0011	<0.0012	0
Bromoform	mg/kg	0	327	7	<0.0011	<0.0012	0
Bromomethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Carbon Tetrachloride	mg/kg	0	14.8	7	<0.0011	<0.0012	0
Chlorobenzene	mg/kg	0	502	7	<0.0011	<0.0012	0
Chloroethane	mg/kg	0	436	7	<0.0023	<0.0024	0
Chloroform	mg/kg	0	45.2	7	<0.0011	<0.0012	0
Chloromethane	mg/kg	0	0.452	7	<0.0034	<0.0036	0
cis 1,2-Dichloroethene	mg/kg	0	No SSV	7	<0.0057	<0.006	0
cis 1,3-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Dibromochloromethane	mg/kg	0	9.27	7	<0.0011	<0.0012	0
Dibromomethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Dichlorodifluoromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Ethylbenzene	mg/kg	0	7660	7	<0.0023	<0.0024	0
Hexachlorobutadiene	mg/kg	0	No SSV	7	<0.0023	<0.0024	0
iso-Propylbenzene	mg/kg	0	5760	7	<0.0011	<0.0012	0
m and p-Xylene	mg/kg	0	No SSV	7	<0.0046	<0.0048	0
MTBE	mg/kg	0	3140	7	<0.0011	<0.0012	0
Naphthalene	mg/kg	0	90.1	7	<0.0057	<0.006	0
n-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
o-Xylene	mg/kg	0	3030	7	<0.0023	<0.0024	0
p-Isopropyltoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Propylbenzene	mg/kg	0	16200	7	<0.0011	<0.0012	0
sec-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Styrene	mg/kg	0	9670	7	<0.0011	<0.0012	0
tert-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Tetrachloroethene	mg/kg	0	71.4	7	<0.0034	<0.0036	0
Toluene	mg/kg	0	27900	7	<0.0057	<0.006	0
trans 1,2-Dichloroethene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
trans 1,3-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Trichloroethene	mg/kg	0	0.149	7	<0.0011	<0.0012	0
Trichlorofluoromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Vinyl Chloride	mg/kg	0	0.0309	7	<0.0011	<0.0012	0
Total Organic Carbon	% M/M		No SSV	12	0.11	0.95	0
Arsenic	mg/kg		635	11	<0.01	0.06	0
Barium	mg/kg		22000	11	<0.1	0.3	0
Cadmium	mg/kg		410	11	<0.001	0.002	0
Chromium	mg/kg		208000	11	<0.01	0.01	0
Copper	mg/kg		106000	11	<0.01	0.02	0
Mercury	mg/kg		No SSV	11	<0.001	<0.001	0
Molybdenum	mg/kg		17600	11	0.04	0.47	0
Nickel	mg/kg		1770	11	<0.01	0.08	0
Lead	mg/kg		2310	11	<0.01	<0.01	0
Antimony	mg/kg		4650	11	<0.01	0.03	0
Selenium	mg/kg		13000	11	<0.01	0.88	0
Zinc	mg/kg		1100000	11	<0.02	0.19	0
Chloride	mg/kg		No SSV	11	2350	5930	0
Fluoride	mg/kg		No SSV	11	1	8	0
Sulphate as SO4	mg/kg		No SSV	11	430	2570	0
Total Dissolved Solids	mg/kg		No SSV	11	6800	18100	0
Phenol Index	mg/kg		No SSV	11	<0.5	<0.5	0
Dissolved Organic Carbon	mg/kg		No SSV	11	5	300	0

Location																				
Sample ID	CEFAS7-0206	SPT03-20190	06 ES-WAC-1	6 ES-WAC-3	OT-SPT2-ES-	, ES, 2, SB04	, ES, 4, SB04	TSB04 ESWA	TSB04 ESWA	.00 ES 3 OTS	ESWAC1-(	ESWAC2-0	02 ESWAC	301-ESWA	ES, 2, SB	ES, 4, SB	S, 1, OTS	S, 6, OTS	, ES, 4, SP	ES, 1, SB0
Depth	2m	8m	0m	26m	24m	1m	1.5m	14.5m	4.5m	24m	0m	19.5m	0m	19.5m	1m	1.5m	0m	2m	1m	0m
Date	02/06/2019	31/05/2019	06/06/2019	06/06/2019	16/06/2019	22/06/2019	22/06/2019	06/07/2019	06/07/2019	06/07/2019	########	########	########	########	22-Jun-19	22-Jun-19	04-Jul-19	04-Jul-19	07-Jul-19	07-Jul-19
Strata																				
1,2-Dichloropropane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,3,5-Trimethylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,3-Dichlorobenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,3-Dichloropropane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,4-Dichlorobenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
2,2-Dichloropropane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
2-Chlorotoluene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
4-Chlorotoluene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Benzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Bromobenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Bromochloromethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Bromodichloromethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Bromoform		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Bromomethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Carbon Tetrachloride		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Chlorobenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Chloroethane		<0.0023	<0.0024		<0.0024			<0.0024			<0.0023		<0.0024	<0.0023						
Chloroform		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Chloromethane		<0.0035	<0.0036		<0.0036			<0.0036			<0.0035		<0.0036	<0.0034						
cis 1,2-Dichloroethene		<0.0058	<0.006		<0.006			<0.0059			<0.0059		<0.006	<0.0057						
cis 1,3-Dichloropropene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Dibromochloromethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Dibromomethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Dichlorodifluoromethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Ethylbenzene		<0.0023	<0.0024		<0.0024			<0.0024			<0.0023		<0.0024	<0.0023						
Hexachlorobutadiene		<0.0023	<0.0024		<0.0024			<0.0024			<0.0023		<0.0024	<0.0023						
iso-Propylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
m and p-Xylene		<0.0046	<0.0048		<0.0048			<0.0047			<0.0047		<0.0048	<0.0046						
MTBE		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Naphthalene		<0.0058	<0.006		<0.006			<0.0059			<0.0059		<0.006	<0.0057						
n-Butylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
o-Xylene		<0.0023	<0.0024		<0.0024			<0.0024			<0.0023		<0.0024	<0.0023						
p-Isopropyltoluene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Propylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
sec-Butylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Styrene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
tert-Butylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Tetrachloroethene		<0.0035	<0.0036		<0.0036			<0.0036			<0.0035		<0.0036	<0.0034						
Toluene		<0.0058	<0.006		<0.006			<0.0059			<0.0059		<0.006	<0.0057						
trans 1,2-Dichloroethene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
trans 1,3-Dichloropropene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Trichloroethene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Trichlorofluoromethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Vinyl Chloride		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Total Organic Carbon	0.18	0.18	0.2	0.85	0.17			0.15	0.14	0.95	0.12	0.12	0.13	0.11						
Arsenic	<0.01	<0.01	<0.01	0.06	0.03				0.02	0.05	0.01	<0.01	0.02	0.05						
Barium	<0.1	<0.1	0.1	0.3	<0.1				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						
Cadmium	<0.001	<0.001	0.002	<0.001	<0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001						
Chromium	<0.01	<0.01	0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						
Copper	<0.01	<0.01	0.02	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						
Mercury	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001						
Molybdenum	0.1	0.1	0.06	0.47	0.2				0.09	0.35	0.06	0.04	0.1	0.07						
Nickel	<0.01	<0.01	<0.01	0.02	0.02				<0.01	0.08	<0.01	<0.01	0.01	<0.01						
Lead	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						
Antimony	<0.01	0.03	0.03	0.03	0.02				0.01	0.02	0.02	0.02	0.02	0.03						
Selenium	<0.01	<0.01	<0.01	0.74	<0.01				<0.01	0.88	<0.01	<0.01	<0.01	<0.01						
Zinc	0.03	<0.02	0.19	0.1	0.04				<0.02	<0.02	<0.02	<0.02	<0.02	0.04						
Chloride	4190	2870	3780	2350	3950				3280	5930	3160	3490	2890	3270						
Fluoride	4	2	3	8	2				1	6	2	2	1	2						
Sulphate as SO4	670	680	590	980	800				1480	2570	590	640	490	430						
Total Dissolved Solids	12800	9300	11600	8020	12100				9490	18100	9450	10400	6800	9620						
Phenol Index	<0.5	<0.5	<0.5	<0.5	<0.5				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5						
Dissolved Organic Carbon	5	150	93	22	300				46	200	37	23	27	12						

Assessment Criteria : *Commercial - 1% SOM Sand*

☐ **Use MRL Values?**

Constituent	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedances**	**Locations of Exceedances**	, ES, 6, SB0	ES, 1, SPT	ES, 1, SB05 CEFAS1-150719
									2m	0m	
									07-Jul-19	########	########
Exchange.Ammonium AR	mg/kg		No SSV	11	<0.6	20.3	0				
Acid Neut. Capacity	Mol/kg		No SSV	11	1.33	17.4	0				
Benzene	mg/kg	0	12.5	12	<0.0114	<0.0142	0				
Ethyl Benzene	mg/kg	0	7660	12	<0.0114	<0.0142	0				
m/p Xylenes	mg/kg	0	No SSV	12	<0.0228	<0.0284	0				
MTBE	mg/kg	0	3140	11	<0.0228	<0.0284	0				
o Xylene	mg/kg	0	3030	12	<0.0114	<0.0142	0				
Toluene	mg/kg	0	27900	12	<0.0114	0.116	0				
Xylenes	mg/kg	0	No SSV	12	<0.0342	<0.0426	0				
FOC			No SSV	11	0.0011	0.0095	0				
SOM	% M/M		No SSV	11	0.19	1.64	0				
GRO	mg/kg		No SSV	11	<0.2	<0.604	0				
GRO (>C5 - C6)	mg/kg		No SSV	11	<0.2	<0.604	0				
GRO (>C7 - C8)	mg/kg		No SSV	11	<0.2	<0.604	0				
GRO (>C8 - C10)	mg/kg		No SSV	11	<0.2	<0.604	0				
GRO (C5-C6 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				
GRO (C6-C7 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				
GRO (C6-C7)	mg/kg		No SSV	11	<0.2	<0.604	0				
GRO (C7-C8 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				
GRO (C8-C10 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				
SO4-- (acid sol)	mg/kg		No SSV	11	880	3060	0				
Boron (H20 Soluble)	mg/kg		No SSV	11	2.1	6.9	0				
Arsenic (MS)	mg/kg		635	22	4.2	34.1	0		7.7	9.1	34.1
Cadmium (MS)	mg/kg		410	22	<0.04	0.9	0		0.09	0.08	0.2
Chromium (MS)	mg/kg		208000	22	6	47.2	0		9.4	9	13.3
Copper (MS)	mg/kg		106000	22	2.7	98	0		8.6	9.6	6.9
Lead (MS)	mg/kg		2310	22	0.03	42	0		5.1	9	0.03
Mercury (MS)	mg/kg		No SSV	22	<0.015	10.3	0		<0.015	0.06	10.3
Nickel (MS)	mg/kg		1770	22	4.2	50.1	0		7.6	7.3	5.6
Selenium (MS)	mg/kg		13000	11	<0.5	3.7	0				
Vanadium (MS)	mg/kg		7490	11	19.6	76.8	0				
Zinc (MS)	mg/kg		1100000	22	<11.6	110.6	0		20.8	33.5	24.9
Iron	mg/kg		No SSV	11	352	39200	0				
Chromium vi:	mg/kg		49.1	11	<0.1	<0.1	0				
L.O.I. % @ 450C	%		No SSV	12	1.3	6.2	0				
Dibutyl Tin	ug Sn/kg		No SSV	7	<1	<1	0				
Tributyl Tin as Sn	ug Sn/kg		No SSV	7	<1	<1	0				
Triphenyl Tin	ug Sn/kg		No SSV	7	<1	<1	0				
Acenaphthene	mg/kg		83600	12	<0.09	<0.11	0				
Acenaphthylene	mg/kg		No SSV	12	<0.09	<0.11	0				
Anthracene	mg/kg		535000	12	<0.09	<0.11	0				
Benzo(a)anthracene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				
Benzo(a)pyrene	mg/kg		76.3	12	<0.09	<0.11	0				
Benzo(b)fluoranthene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				
Benzo(ghi)perylene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				
Benzo(k)fluoranthene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				
Chrysene	mg/kg		BaP Surrogate	23	<0.09	22.2	0		2.41	6.58	1.74
Coronene	mg/kg		No SSV	11	<0.09	<0.11	0				
Dibenzo(ah)anthracene	mg/kg		BaP Surrogate	23	<0.09	4.7	0		<1	<1	<1
Fluoranthene	mg/kg		72200	23	<0.09	44	0		2.43	8.33	2.7
Fluorene	mg/kg		66500	23	<0.09	7.24	0		<1	2.66	<1
Indeno(123-cd)pyrene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				
Naphthalene	mg/kg		90.1	14	<0.09	11.9	0				
Phenanthrene	mg/kg		No SSV	12	<0.09	<0.11	0				
Pyrene	mg/kg		54100	14	<0.09	21.2	0				
Total PAH (Sum of USEPA 16)	mg/kg		No SSV	12	<1.46	<1.82	0				
PCB 101	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 118	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 138	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 153	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 180	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 28	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 52	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
pH units (AR)	pH Units		No SSV	12	8	9.1	0				
Cyanide(Free) (AR)	mg/kg		373	11	<0.6	<0.7	0				
Cyanide(Total) (AR)	mg/kg		No SSV	11	<0.6	<0.7	0				
Phenol Index.(AR)	mg/kg		No SSV	11	<0.6	<0.7	0				
Sulphide as S (AR)	mg/kg		No SSV	11	<0.6	4.2	0				
^Asbestos Screen & ID (Stage 1)			No SSV	11	-	-	0				
1,2,4-Trichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				
1,2-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				
1,3-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				
1,4-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				
1-Methylnaphthalene	mg/kg		No SSV	7	<0.114	<0.121	0				
2,4,5-Trichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0				
2,4,6-Trichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0				
2,4-Dichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0				
2,4-Dimethylphenol	mg/kg		11800	7	<0.114	<0.121	0				
2,4-Dinitrophenol	mg/kg		No SSV	7	<0.57	<0.605	0				
2,4-Dinitrotoluene	mg/kg		3730	7	<0.228	<0.242	0				
2,6-Dinitrotoluene	mg/kg		1840	7	<0.57	<0.605	0				

Assessment Criteria : *Commercial - 1% SOM Sand*

☐ **Use MRL Values?**

		it of Detection	neric Assessment teria	mber of Samples	imum Value	ximum Value	mber of eedances		, ES, 6, SB0	ES, 1, SPT	ES, 1, SB05 CEFAS1-150719
									2m	0m	
									07-Jul-19	########	########
2-Chloronaphthalene	mg/kg		176	7	<0.114	<0.121	0				
2-Chlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0				
2-Methylnaphthalene	mg/kg		No SSV	7	<0.114	<0.121	0				
2-Methylphenol	mg/kg		155000	7	<0.114	<0.121	0				
2-Nitroaniline	mg/kg		No SSV	7	<0.57	<0.605	0				
2-Nitrophenol	mg/kg		No SSV	7	<0.114	<0.121	0				
3- & 4-Methylphenol	mg/kg		No SSV	7	<0.114	<0.121	0				
3-Nitroaniline	mg/kg		No SSV	7	<16.5	<17.5	0				
4,6-Dinitro-2-methylphenol	mg/kg		No SSV	7	<0.228	<0.242	0				
4-Bromophenyl-phenylether	mg/kg		No SSV	7	<0.114	<0.121	0				
4-Chloro-3-methylphenol	mg/kg		No SSV	7	<0.114	<0.121	0				
4-Chloroaniline	mg/kg		No SSV	7	<0.57	<0.605	0				
4-Chlorophenol	mg/kg		No SSV	7	<0.57	<0.605	0				
4-Chlorophenyl-phenylether	mg/kg		No SSV	7	<0.114	<0.121	0				
4-Nitroaniline	mg/kg		No SSV	7	<0.684	<0.726	0				
4-Nitrophenol	mg/kg		No SSV	7	<0.57	<0.605	0				
Acenaphthene	mg/kg		83600	7	<0.114	<0.121	0				
Acenaphthylene	mg/kg		No SSV	7	<0.114	<0.121	0				
Anthracene	mg/kg		535000	7	<0.114	<0.121	0				
Benzo(a)anthracene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0				
Benzo(a)pyrene	mg/kg		76.3	7	<0.228	<0.242	0				
Benzo(b)fluoranthene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0				
Benzo(ghi)perylene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0				
Benzo(k)fluoranthene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0				
Benzoic Acid	mg/kg		No SSV	7	<0.57	<0.605	0				
Benzyl alcohol	mg/kg		No SSV	7	<0.57	<0.605	0				
Biphenyl	mg/kg		42400	7	<0.114	<0.121	0				
bis(2-Chloroethoxy)methane	mg/kg		No SSV	7	<0.114	<0.121	0				
bis(2-Chloroethyl)ether	mg/kg		No SSV	7	<0.114	<0.121	0				
bis(2-Chloroisopropyl)ether	mg/kg		No SSV	7	<0.57	<0.605	0				
bis(2-Ethylhexyl)phthalate	mg/kg		No SSV	7	<0.228	3.7	0				
Butylbenzylphthalate	mg/kg		No SSV	7	<0.228	<0.242	0				
Chrysene	mg/kg		BaP Surrogate	7	<0.114	<0.121	0				
Coronene	mg/kg		No SSV	7	<0.342	<0.363	0				
Dibenzo(ah)anthracene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0				
Dibenzofuran	mg/kg		No SSV	7	<0.114	<0.121	0				
Diethylphthalate	mg/kg		No SSV	7	<0.114	<0.121	0				
Dimethylphthalate	mg/kg		No SSV	7	<0.114	<0.121	0				
Di-n-butylphthalate	mg/kg		70800	7	<0.114	<0.121	0				
Di-n-octylphthalate	mg/kg		89000	7	<0.228	<0.242	0				
Diphenyl Ether	mg/kg		No SSV	7	<0.114	<0.121	0				
Fluoranthene	mg/kg		72200	7	<0.228	<0.242	0				
Fluorene	mg/kg		66500	7	<0.228	<0.242	0				
Hexachlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				
Hexachlorobutadiene	mg/kg		No SSV	7	<0.114	<0.121	0				
Hexachlorocyclopentadiene	mg/kg		No SSV	7	<0.114	<0.121	0				
Hexachloroethane	mg/kg		9.41	7	<0.114	<0.121	0				
Indeno(123-cd)pyrene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0				
Isophorone	mg/kg		No SSV	7	<0.114	<0.121	0				
Naphthalene	mg/kg		90.1	7	<0.114	<0.121	0				
Nitrobenzene	mg/kg		No SSV	7	<0.57	<0.605	0				
N-Nitroso-di-n-propylamine	mg/kg		No SSV	7	<1.026	<1.088	0				
N-Nitrosodiphenylamine	mg/kg		No SSV	7	<0.114	<0.121	0				
Pentachlorophenol	mg/kg		No SSV	7	<0.57	<0.605	0				
Phenanthrene	mg/kg		No SSV	7	<0.114	<0.121	0				
Phenol	mg/kg		685	7	<0.114	<0.121	0				
Pyrene	mg/kg		54100	7	<0.228	<0.242	0				
Tot.Moisture @ 105C	%		No SSV	12	12.3	29.6	0				
TPH Band (>C10-C40)	mg/kg		No SSV	11	11.9	189	0				
TPH by GCFID (AR)	mg/kg		No SSV	10	14.9	190	0				
TPH Ali Band >C10-C12	mg/kg		No SSV	11	<4.56	<5.68	0				
TPH Ali Band >C12-C16	mg/kg		No SSV	11	<4.56	6.93	0				
TPH Ali Band >C16-C21	mg/kg		No SSV	11	<4.56	30.1	0				
TPH Ali Band >C21-C35	mg/kg		No SSV	11	<10.27	76.7	0				
TPH Ali Band >C8-C10	mg/kg		No SSV	11	<4.56	10.1	0				
TPH Ali Band >C8-C40	mg/kg		No SSV	11	<22.8	129	0				
TPH Aro Band >C10-C12	mg/kg		No SSV	11	<4.56	<5.68	0				
TPH Aro Band >C12-C16	mg/kg		No SSV	11	<4.56	<5.68	0				
TPH Aro Band >C16-C21	mg/kg		No SSV	11	<4.63	11.02	0				
TPH Aro Band >C21-C35	mg/kg		No SSV	11	<10.14	35.6	0				
TPH Aro Band >C8-C10	mg/kg		No SSV	11	<4.56	<5.68	0				
TPH Aro Band >C8-C40	mg/kg		No SSV	11	<23.1	55.6	0				
1,1,1,2-Tetrachloroethane	mg/kg	0	204	7	<0.0011	<0.0012	0				
1,1,1-Trichloroethane	mg/kg	0	306	7	<0.0011	<0.0012	0				
1,1,2,2-Tetrachloroethane	mg/kg	0	426	7	<0.0011	<0.0012	0				
1,1,2-Trichloroethane	mg/kg	0	40.1	7	<0.0011	<0.0012	0				
1,1-Dichloroethane	mg/kg	0	115	7	<0.0011	<0.0012	0				
1,1-Dichloroethene	mg/kg	0	11.9	7	<0.0011	<0.0012	0				
1,1-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,2,3-Trichlorobenzene	mg/kg	0	No SSV	7	<0.0034	<0.0036	0				
1,2,3-Trichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,2,4-Trichlorobenzene	mg/kg	0	No SSV	7	<0.0034	<0.0036	0				
1,2,4-Trimethylbenzene	mg/kg	0	165	7	<0.0011	<0.0012	0				
1,2-Dibromo-3-chloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,2-Dibromoethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,2-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,2-Dichloroethane	mg/kg	0	0.854	7	<0.0011	<0.0012	0				

Assessment Criteria : ***Commercial - 1% SOM Sand***

☐ **Use MRL Values?**

		it of Detection	neric Assessment eria	mber of Samples	imum Value	ximum Value	mber of eedances		, ES, 6, SB0	ES, 1, SPT	ES, 1, SB05 CEFAS1-150719
									2m	0m	
									07-Jul-19	########	########
1,2-Dichloropropane	mg/kg	0	1.34	7	<0.0011	<0.0012	0				
1,3,5-Trimethylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,3-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,3-Dichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,4-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
2,2-Dichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
2-Chlorotoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
4-Chlorotoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Benzene	mg/kg	0	12.5	7	<0.0011	<0.0012	0				
Bromobenzene	mg/kg	0	42.1	7	<0.0011	<0.0012	0				
Bromochloromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Bromodichloromethane	mg/kg	0	0.854	7	<0.0011	<0.0012	0				
Bromoform	mg/kg	0	327	7	<0.0011	<0.0012	0				
Bromomethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Carbon Tetrachloride	mg/kg	0	14.8	7	<0.0011	<0.0012	0				
Chlorobenzene	mg/kg	0	502	7	<0.0011	<0.0012	0				
Chloroethane	mg/kg	0	436	7	<0.0023	<0.0024	0				
Chloroform	mg/kg	0	45.2	7	<0.0011	<0.0012	0				
Chloromethane	mg/kg	0	0.452	7	<0.0034	<0.0036	0				
cis 1,2-Dichloroethene	mg/kg	0	No SSV	7	<0.0057	<0.006	0				
cis 1,3-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Dibromochloromethane	mg/kg	0	9.27	7	<0.0011	<0.0012	0				
Dibromomethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Dichlorodifluoromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Ethylbenzene	mg/kg	0	7660	7	<0.0023	<0.0024	0				
Hexachlorobutadiene	mg/kg	0	No SSV	7	<0.0023	<0.0024	0				
iso-Propylbenzene	mg/kg	0	5760	7	<0.0011	<0.0012	0				
m and p-Xylene	mg/kg	0	No SSV	7	<0.0046	<0.0048	0				
MTBE	mg/kg	0	3140	7	<0.0011	<0.0012	0				
Naphthalene	mg/kg	0	90.1	7	<0.0057	<0.006	0				
n-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
o-Xylene	mg/kg	0	3030	7	<0.0023	<0.0024	0				
p-Isopropyltoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Propylbenzene	mg/kg	0	16200	7	<0.0011	<0.0012	0				
sec-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Styrene	mg/kg	0	9670	7	<0.0011	<0.0012	0				
tert-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Tetrachloroethene	mg/kg	0	71.4	7	<0.0034	<0.0036	0				
Toluene	mg/kg	0	27900	7	<0.0057	<0.006	0				
trans 1,2-Dichloroethene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
trans 1,3-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Trichloroethene	mg/kg	0	0.149	7	<0.0011	<0.0012	0				
Trichlorofluoromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Vinyl Chloride	mg/kg	0	0.0309	7	<0.0011	<0.0012	0				
Total Organic Carbon	% M/M		No SSV	12	0.11	0.95	0				
Arsenic	mg/kg		635	11	<0.01	0.06	0				
Barium	mg/kg		22000	11	<0.1	0.3	0				
Cadmium	mg/kg		410	11	<0.001	0.002	0				
Chromium	mg/kg		208000	11	<0.01	0.01	0				
Copper	mg/kg		106000	11	<0.01	0.02	0				
Mercury	mg/kg		No SSV	11	<0.001	<0.001	0				
Molybdenum	mg/kg		17600	11	0.04	0.47	0				
Nickel	mg/kg		1770	11	<0.01	0.08	0				
Lead	mg/kg		2310	11	<0.01	<0.01	0				
Antimony	mg/kg		4650	11	<0.01	0.03	0				
Selenium	mg/kg		13000	11	<0.01	0.88	0				
Zinc	mg/kg		1100000	11	<0.02	0.19	0				
Chloride	mg/kg		No SSV	11	2350	5930	0				
Fluoride	mg/kg		No SSV	11	1	8	0				
Sulphate as SO4	mg/kg		No SSV	11	430	2570	0				
Total Dissolved Solids	mg/kg		No SSV	11	6800	18100	0				
Phenol Index	mg/kg		No SSV	11	<0.5	<0.5	0				
Dissolved Organic Carbon	mg/kg		No SSV	11	5	300	0				

Assessment Criteria : ***Public Open Space (Parks) - 1% SOM Sand***

☐ **Use MRL Values?**

										Location																				
										Sample ID	CEFAS7-0206	SPT03-20190	06 ES-WAC-1	06 ES-WAC-3	OT-SPT2-ES-	, ES, 2, SB04	, ES, 4, SB04	TSB04 ESWA	TSB04 ESWA	.00 ES 3 OTS	ESWAC1-(	ESWAC2-0	02 ESWAC	301-ESWAC	ES, 2, SB0	ES, 4, SB0	ES, 1, OTS	ES, 6, OTS	, ES, 4, SP	ES, 1, SB0
										Depth	2m	8m	0m	26m	24m	1m	1.5m	14.5m	4.5m	24m	0m	19.5m	0m	19.5m	1m	1.5m	0m	2m	1m	0m
										Date	02/06/2019	31/05/2019	06/06/2019	06/06/2019	16/06/2019	22/06/2019	22/06/2019	06/07/2019	06/07/2019	06/07/2019	########	########	########	########	22-Jun-19	22-Jun-19	04-Jul-19	04-Jul-19	07-Jul-19	07-Jul-19
									Strata																					
Constituent	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedances**	**Locations of Exceedances**		**Zone**										514										
Exchange.Ammonium AR	mg/kg		No SSV	11	<0.6	20.3	0				1.2	<0.6	<0.6	20.3	<0.6			<0.6		9.5	0.8	<0.6	<0.6	<0.6						
Acid Neut. Capacity	Mol/kg		No SSV	11	1.33	17.4	0				17.4	9.52	16.1	1.34	5.11				4.52	1.33	4.12	5.16	2.27	5.72						
Benzene	mg/kg	0	139	12	<0.0114	<0.0142	0				<0.0123	<0.0116	<0.0121	<0.0138	<0.0121			<0.0118	<0.0117	<0.0142	<0.0117	<0.0117	<0.0119	<0.0114						
Ethyl Benzene	mg/kg	0	21400	12	<0.0114	<0.0142	0				<0.0123	<0.0116	<0.0121	<0.0138	<0.0121			<0.0118	<0.0117	<0.0142	<0.0117	<0.0117	<0.0119	<0.0114						
m/p Xylenes	mg/kg	0	No SSV	12	<0.0228	<0.0284	0				<0.0246	<0.0231	<0.0242	<0.0276	<0.0242			<0.0237	<0.0235	<0.0284	<0.0234	<0.0234	<0.0239	<0.0228						
MTBE	mg/kg	0	70800	11	<0.0228	<0.0284	0				<0.0246	<0.0231	<0.0242	<0.0276	<0.0242				<0.0235	<0.0284	<0.0234	<0.0234	<0.0239	<0.0228						
o Xylene	mg/kg	0	9560	12	<0.0114	<0.0142	0				<0.0123	<0.0116	<0.0121	<0.0138	<0.0121			<0.0118	<0.0117	<0.0142	<0.0117	<0.0117	<0.0119	<0.0114						
Toluene	mg/kg	0	69900	12	<0.0114	0.116	0				<0.0123	<0.0116	<0.0121	<0.0138	<0.0121			<0.0118	<0.0117	0.116	<0.0117	<0.0117	<0.0119	<0.0114						
Xylenes	mg/kg	0	No SSV	12	<0.0342	<0.0426	0				<0.0369	<0.0347	<0.0363	<0.0414	<0.0363			<0.0355	<0.035	<0.0426	<0.0351	<0.0352	<0.0358	<0.0342						
FOC			No SSV	11	0.0011	0.0095	0				0.0018	0.0018	0.002	0.0085	0.002			0.0014		0.0095	0.0012	0.0012	0.0013	0.0011						
SOM	% M/M		No SSV	11	0.19	1.64	0				0.31	0.31	0.35	1.47	0.29			0.27		1.64	0.21	0.21	0.22	0.19						
GRO	mg/kg		No SSV	11	<0.2	<0.604	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.604						
GRO (>C5 - C6)	mg/kg		No SSV	11	<0.2	<0.604	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.604						
GRO (>C7 - C8)	mg/kg		No SSV	11	<0.2	<0.604	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.604						
GRO (>C8 - C10)	mg/kg		No SSV	11	<0.2	<0.604	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.604						
GRO (C5-C6 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.228						
GRO (C6-C7 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.228						
GRO (C6-C7)	mg/kg		No SSV	11	<0.2	<0.604	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.604						
GRO (C7-C8 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.228						
GRO (C8-C10 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				<0.246	<0.231	<0.242	<0.276	<0.242			<0.237		<0.284	<0.234	<0.2	<0.239	<0.228						
SO4-- (acid sol)	mg/kg		No SSV	11	880	3060	0				2400	2130	2750	1850	1840			1250		3060	1430	1480	880	1580						
Boron (H20 Soluble)	mg/kg		No SSV	11	2.1	6.9	0				2.4	3.3	2.5	6.9	2.6			2.1		6	2.6	2.1	2.1	2.3						
Arsenic (MS)	mg/kg		168	22	4.2	34.1	0				12.1	9.4	6.8	8.8	15.6	18.3	18.1	7.9		13	7	10.5	7.8	16.1	18.3	18.1	16.6	4.2	11.5	12.8
Cadmium (MS)	mg/kg		882	22	<0.04	0.9	0				<0.2	<0.2	0.26	0.9	0.49	0.04	0.07	<0.2		0.8	<0.2	<0.2	<0.2	<0.2	0.04	0.07	0.11	0.07	0.12	0.1
Chromium (MS)	mg/kg		83500	22	6	47.2	0				10	12.9	8.4	39.1	19	6.6	10.2	8.5		47.2	10.4	10.3	9.5	11.5	6.6	10.2	15.6	6	19.4	13.2
Copper (MS)	mg/kg		45200	22	2.7	98	0				4.5	6.7	7.3	71.7	98	5.7	6.9	3		64.4	5.3	5.6	4.7	2.7	5.7	6.9	11.4	7.6	12.9	10.1
Lead (MS)	mg/kg		1340	22	0.03	42	0				3.4	4.1	1.8	13.3	42	6.4	6.5	5		15.2	4.9	3.8	4.6	4.4	6.4	6.5	13.5	3.3	9.3	9.8
Mercury (MS)	mg/kg		No SSV	22	<0.015	10.3	0				<0.5	<0.5	<0.5	<0.53	<0.5	0.03	0.03	<0.5		<0.6	<0.5	<0.5	<0.5	<0.5	0.03	0.03	<0.015	<0.015	<0.015	0.06
Nickel (MS)	mg/kg		804	22	4.2	50.1	0				4.6	5.3	7.2	50.1	21.3	5.2	8.1	6		46.1	5.9	4.5	6.9	5.6	5.2	8.1	11	4.2	16.3	10.6
Selenium (MS)	mg/kg		2550	11	<0.5	3.7	0				<0.5	<0.5	<0.5	3.3	<0.5			<0.5		3.7	<0.5	<0.5	<0.5	<0.5						
Vanadium (MS)	mg/kg		1550	11	19.6	76.8	0				19.6	31	19.7	58.4	29.3			37.4		76.8	38.7	41.3	28.4	35.1						
Zinc (MS)	mg/kg		201000	22	<11.6	110.6	0				24.9	19.6	<15.9	108.5	90.4	20.7	24.3	18.6		110.6	19.7	25.7	19.7	21.1	20.7	24.3	36.8	11.6	39.6	29.8
Iron	mg/kg		No SSV	11	352	39200	0				9310	24000	7660	27500	39200			352		35500	18300	29000	16100	16100						
Chromium vi:	mg/kg		251	11	<0.1	<0.1	0				<0.1	<0.1	<0.1	<0.1	<0.1			<0.1		<0.1	<0.1	<0.1	<0.1	<0.1						
L.O.I. % @ 450C	%		No SSV	12	1.3	6.2	0				1.3	2.2	1.4	5.1	2.8			3.7	3	6.2	2	2.9	2.3	2						
Dibutyl Tin	ug Sn/kg		No SSV	7	<1	<1	0					<1	<1		<1			<1			<1		<1	<1						
Tributyl Tin as Sn	ug Sn/kg		No SSV	7	<1	<1	0					<1	<1		<1			<1			<1		<1	<1						
Triphenyl Tin	ug Sn/kg		No SSV	7	<1	<1	0					<1	<1		<1			<1			<1		<1	<1						
Acenaphthene	mg/kg		28600	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Acenaphthylene	mg/kg		No SSV	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Anthracene	mg/kg		150000	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Benzo(a)anthracene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Benzo(a)pyrene	mg/kg		21.4	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Benzo(b)fluoranthene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Benzo(ghi)perylene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Benzo(k)fluoranthene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Chrysene	mg/kg		BaP Surrogate	23	<0.09	22.2	0				<0.1	<0.09	<0.1	<0.11	<0.1	1.27	17.1	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09	1.27	17.1	22.2	<1	13.8	6.72
Coronene	mg/kg		No SSV	11	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1				<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Dibenzo(ah)anthracene	mg/kg		BaP Surrogate	23	<0.09	4.7	0				<0.1	<0.09	<0.1	<0.11	<0.1	<1	2.88	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09	<1	2.88	4.7	<1	2.66	<1
Fluoranthene	mg/kg		20200	23	<0.09	44	0				<0.1	<0.09	<0.1	<0.11	<0.1	1.65	15.6	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09	1.65	15.6	44	<1	13.8	7.85
Fluorene	mg/kg		19600	23	<0.09	7.24	0				<0.1	<0.09	<0.1	<0.11	<0.1	<1	6.86	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09	<1	6.86	7.24	<1	5.69	3
Indeno(123-cd)pyrene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Naphthalene	mg/kg		623	14	<0.09	11.9	0				<0.1	<0.09	<0.1	<0.11	<0.1	<1	11.9	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Phenanthrene	mg/kg		No SSV	12	<0.09	<0.11	0				<0.1	<0.09	<0.1	<0.11	<0.1			<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Pyrene	mg/kg		15100	14	<0.09	21.2	0				<0.1	<0.09	<0.1	<0.11	<0.1	1.73	21.2	<0.09	<0.09	<0.11	<0.09	<0.09	<0.1	<0.09						
Total PAH (Sum of USEPA 16)	mg/kg		No SSV	12	<1.46	<1.82	0				<1.58	<1.48	<1.55	<1.77	<1.55			<1.51	<1.5	<1.82	<1.5	<1.5	<1.53	<1.46						
PCB 101	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 118	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 138	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 153	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 180	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 28	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
PCB 52	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				<0.00616	<0.00579	<0.00605	<0.0069	<0.00605			<0.00592	<0.00587	<0.0071	<0.00585	<0.00586	<0.00597	<0.0057						
pH units (AR)	pH Units		No SSV	12	8	9.1	0				8.5	8.3	9.1	9	8.8			8.8	8.8	8.7	8.4	8.3	8.4	8						
Cyanide(Free) (AR)	mg/kg		34	11	<0.6	<0.7	0				<0.6	<0.6	<0.6	<0.7	<0.6			<0.6		<0.7	<0.6	<0.6	<0.6	<0.6						
Cyanide(Total) (AR)	mg/kg		No SSV	11	<0.6	<0.7	0				<0.6	<0.6	<0.6	<0.7	<0.6			<0.6		<0.7	<0.6	<0.6	<0.6	<0.6						
Phenol Index.(AR)	mg/kg		No SSV	11	<0.6	<0.7	0				<0.6	<0.6	<0.6	<0.7	<0.6			<0.6		<0.7	<0.6	<0.6	<0.6	<0.6						
Sulphide as S (AR)	mg/kg		No SSV	11	<0.6	4.2	0				<0.6	<0.6	<0.6	<0.7	3.1			<0.6		<0.7	1.4	4.2	1.3	3						
^Asbestos Screen & ID (Stage 1)			No SSV	11	-	-	0				NAIIS	NAIIS	NAIIS	NAIIS	NAIIS			NAIIS		NAIIS	NAIIS	NAIIS	NADIS	NADIS						
1,2,4-Trichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
1,2-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
1,3-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
1,4-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
1-Methylnaphthalene	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2,4,5-Trichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2,4,6-Trichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2,4-Dichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2,4-Dimethylphenol	mg/kg		8740	7	<0.114	<0.121	0					<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2,4-Dinitrophenol	mg/kg		No SSV	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
2,4-Dinitrotoluene	mg/kg		973	7	<0.228	<0.242	0					<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
2,6-Dinitrotoluene	mg/kg		489	7	<0.57	<0.605	0					<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						

Assessment Criteria : *Public Open Space (Parks) - 1% SOM Sand*

☐ **Use MRL Values?**

Exchange.Ammonium AR		**it of Detection**	**neric Assessment teria**	**mber of Samples**	**imum Value**	**ximum Value**	**mber of eedances**		**Location**																				
									Sample ID	CEFAS7-0206	SPT03-20190	06 ES-WAC-1	6 ES-WAC-3	OT-SPT2-ES-	, ES, 2, SB04	, ES, 4, SB04	TSB04 ESWA	TSB04 ESWA	.00 ES 3 OTS	ESWAC1-	ESWAC2-0	02 ESWAC	301-ESWA	ES, 2, SB	ES, 4, SB	ES, 1, OTS	ES, 6, OTS	, ES, 4, SP	ES, 1, SB
									Depth	2m	8m	0m	26m	24m	1m	1.5m	14.5m	4.5m	24m	0m	19.5m	0m	19.5m	1m	1.5m	0m	2m	1m	0m
									Date	02/06/2019	31/05/2019	06/06/2019	06/06/2019	16/06/2019	22/06/2019	22/06/2019	06/07/2019	06/07/2019	06/07/2019	########	########	########	########	22-Jun-19	22-Jun-19	04-Jul-19	04-Jul-19	07-Jul-19	07-Jul-19
									Strata																				
2-Chloronaphthalene	mg/kg		659	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2-Chlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2-Methylnaphthalene	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2-Methylphenol	mg/kg		47800	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
2-Nitroaniline	mg/kg		No SSV	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
2-Nitrophenol	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
3- & 4-Methylphenol	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
3-Nitroaniline	mg/kg		No SSV	7	<16.5	<17.5	0				<16.8	<17.5		<17.5			<17.2			<17		<17.3	<16.5						
4,6-Dinitro-2-methylphenol	mg/kg		No SSV	7	<0.228	<0.242	0				<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
4-Bromophenyl-phenylether	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
4-Chloro-3-methylphenol	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
4-Chloroaniline	mg/kg		No SSV	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
4-Chlorophenol	mg/kg		No SSV	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
4-Chlorophenyl-phenylether	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
4-Nitroaniline	mg/kg		No SSV	7	<0.684	<0.726	0				<0.694	<0.726		<0.726			<0.71			<0.703		<0.717	<0.684						
4-Nitrophenol	mg/kg		No SSV	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Acenaphthene	mg/kg		28600	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Acenaphthylene	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Anthracene	mg/kg		150000	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Benzo(a)anthracene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0				<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Benzo(a)pyrene	mg/kg		21.4	7	<0.228	<0.242	0				<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Benzo(b)fluoranthene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0				<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Benzo(ghi)perylene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Benzo(k)fluoranthene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0				<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Benzoic Acid	mg/kg		No SSV	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Benzyl alcohol	mg/kg		No SSV	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Biphenyl	mg/kg		14900	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
bis(2-Chloroethoxy)methane	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
bis(2-Chloroethyl)ether	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
bis(2-Chloroisopropyl)ether	mg/kg		No SSV	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
bis(2-Ethylhexyl)phthalate	mg/kg		No SSV	7	<0.228	3.7	0				<0.231	3.7		<0.242			<0.237			<0.234		<0.239	<0.228						
Butylbenzylphthalate	mg/kg		No SSV	7	<0.228	<0.242	0				<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Chrysene	mg/kg		BaP Surrogate	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Coronene	mg/kg		No SSV	7	<0.342	<0.363	0				<0.347	<0.363		<0.363			<0.355			<0.351		<0.358	<0.342						
Dibenzo(ah)anthracene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Dibenzofuran	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Diethylphthalate	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Dimethylphthalate	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Di-n-butylphthalate	mg/kg		2620	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Di-n-octylphthalate	mg/kg		20000	7	<0.228	<0.242	0				<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Diphenyl Ether	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Fluoranthene	mg/kg		20200	7	<0.228	<0.242	0				<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Fluorene	mg/kg		19600	7	<0.228	<0.242	0				<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Hexachlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Hexachlorobutadiene	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Hexachlorocyclopentadiene	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Hexachloroethane	mg/kg		115	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Indeno(123-cd)pyrene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Isophorone	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Naphthalene	mg/kg		623	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Nitrobenzene	mg/kg		No SSV	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
N-Nitroso-di-n-propylamine	mg/kg		No SSV	7	<1.026	<1.088	0				<1.042	<1.088		<1.088			<1.065			<1.054		<1.075	<1.026						
N-Nitrosodiphenylamine	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Pentachlorophenol	mg/kg		No SSV	7	<0.57	<0.605	0				<0.579	<0.605		<0.605			<0.592			<0.585		<0.597	<0.57						
Phenanthrene	mg/kg		No SSV	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Phenol	mg/kg		685	7	<0.114	<0.121	0				<0.116	<0.121		<0.121			<0.118			<0.117		<0.119	<0.114						
Pyrene	mg/kg		15100	7	<0.228	<0.242	0				<0.231	<0.242		<0.242			<0.237			<0.234		<0.239	<0.228						
Tot.Moisture @ 105C	%		No SSV	12	12.3	29.6	0			18.8	13.6	17.3	27.5	17.3			15.5	14.8	29.6	14.6	14.7	16.3	12.3						
TPH Band (>C10-C40)	mg/kg		No SSV	11	11.9	189	0			13.8	72.1	189	66.6	85.9				21	67	17.2	12.5	28	11.9						
TPH by GCFID (AR)	mg/kg		No SSV	10	14.9	190	0			14.9	74.4	190	69.1	86.2					80.1	23	17.7	29.3	17.4						
TPH Ali Band >C10-C12	mg/kg		No SSV	11	<4.56	<5.68	0			<4.93	<4.63	5.5	<5.52	<4.84			<4.73		<5.68	<4.68	<4.69	<4.78	<4.56						
TPH Ali Band >C12-C16	mg/kg		No SSV	11	<4.56	6.93	0			<4.93	<4.63	6.93	<5.52	<4.84			<4.73		<5.68	<4.68	<4.69	<4.78	<4.56						
TPH Ali Band >C16-C21	mg/kg		No SSV	11	<4.56	30.1	0			<4.93	<4.63	30.1	10.41	<4.84			5.47		<5.68	5.09	<4.69	<4.78	<4.56						
TPH Ali Band >C21-C35	mg/kg		No SSV	11	<10.27	76.7	0			<10.79	12.3	76.7	28.4	<10.59			13.4		21.2	12.8	<10.27	<10.47	10.7						
TPH Ali Band >C8-C10	mg/kg		No SSV	11	<4.56	10.1	0			<4.93	<4.63	<4.84	<5.52	<4.84			7.47		10.1	8.13	<4.69	<4.78	<4.56						
TPH Ali Band >C8-C40	mg/kg		No SSV	11	<22.8	129	0			<24.6	<23.1	129	53.5	<24.2			32		42.9	31.4	<23.4	<23.9	<22.8						
TPH Aro Band >C10-C12	mg/kg		No SSV	11	<4.56	<5.68	0			<4.93	<4.63	<4.84	<5.52	<4.84			<4.73		<5.68	<4.68	<4.69	<4.78	<4.56						
TPH Aro Band >C12-C16	mg/kg		No SSV	11	<4.56	<5.68	0			<4.93	<4.63	<4.84	<5.52	<4.84			<4.73		<5.68	<4.68	<4.69	<4.78	<4.56						
TPH Aro Band >C16-C21	mg/kg		No SSV	11	<4.63	11.02	0			<4.93	<4.63	11.02	10.18	<4.84			<4.73		5.71	7.28	<4.69	<4.78	5.91						
TPH Aro Band >C21-C35	mg/kg		No SSV	11	<10.14	35.6	0			13.7	<10.14	32.5	35.6	<10.59			15.6		21.7	28	16.2	13	12.2						
TPH Aro Band >C8-C10	mg/kg		No SSV	11	<4.56	<5.68	0			<4.93	<4.63	<4.84	<5.52	<4.84			<4.73		<5.68	<4.68	<4.69	<4.78	<4.56						
TPH Aro Band >C8-C40	mg/kg		No SSV	11	<23.1	55.6	0			28.3	<23.1	54.7	55.6	<24.2			32.5		43.3	50	24.3	<23.9	23.6						
1,1,1,2-Tetrachloroethane	mg/kg	0	3490	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1,1-Trichloroethane	mg/kg	0	34900	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1,2,2-Tetrachloroethane	mg/kg	0	4640	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1,2-Trichloroethane	mg/kg	0	766	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1-Dichloroethane	mg/kg	0	11200	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1-Dichloroethene	mg/kg	0	1950	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,1-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2,3-Trichlorobenzene	mg/kg	0	No SSV	7	<0.0034	<0.0036	0				<0.0035	<0.0036		<0.0036			<0.0036			<0.0035		<0.0036	<0.0034						
1,2,3-Trichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2,4-Trichlorobenzene	mg/kg	0	No SSV	7	<0.0034	<0.0036	0				<0.0035	<0.0036		<0.0036			<0.0036			<0.0035		<0.0036	<0.0034						
1,2,4-Trimethylbenzene	mg/kg	0	225	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2-Dibromo-3-chloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2-Dibromoethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,2-Dichloroethane	mg/kg	0	37.9	7	<0.0011	<0.0012	0				<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						

Assessment Criteria :	*Public Open Space (Parks) - 1% SOM Sand*
☐ **Use MRL Values?**	

		it of Detection	**neric Assessment teria**	**mber of Samples**	**imum Value**	**ximum Value**	**mber of eedances**
1,2-Dichloropropane	mg/kg	0	79.6	7	<0.0011	<0.0012	0
1,3,5-Trimethylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
1,3-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
1,3-Dichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
1,4-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
2,2-Dichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
2-Chlorotoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
4-Chlorotoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Benzene	mg/kg	0	139	7	<0.0011	<0.0012	0
Bromobenzene	mg/kg	0	986	7	<0.0011	<0.0012	0
Bromochloromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Bromodichloromethane	mg/kg	0	33.9	7	<0.0011	<0.0012	0
Bromoform	mg/kg	0	2910	7	<0.0011	<0.0012	0
Bromomethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Carbon Tetrachloride	mg/kg	0	915	7	<0.0011	<0.0012	0
Chlorobenzene	mg/kg	0	13200	7	<0.0011	<0.0012	0
Chloroethane	mg/kg	0	82400	7	<0.0023	<0.0024	0
Chloroform	mg/kg	0	2090	7	<0.0011	<0.0012	0
Chloromethane	mg/kg	0	73.8	7	<0.0034	<0.0036	0
cis 1,2-Dichloroethene	mg/kg	0	No SSV	7	<0.0057	<0.006	0
cis 1,3-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Dibromochloromethane	mg/kg	0	231	7	<0.0011	<0.0012	0
Dibromomethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Dichlorodifluoromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Ethylbenzene	mg/kg	0	21400	7	<0.0023	<0.0024	0
Hexachlorobutadiene	mg/kg	0	No SSV	7	<0.0023	<0.0024	0
iso-Propylbenzene	mg/kg	0	14800	7	<0.0011	<0.0012	0
m and p-Xylene	mg/kg	0	No SSV	7	<0.0046	<0.0048	0
MTBE	mg/kg	0	70800	7	<0.0011	<0.0012	0
Naphthalene	mg/kg	0	623	7	<0.0057	<0.006	0
n-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
o-Xylene	mg/kg	0	9560	7	<0.0023	<0.0024	0
p-Isopropyltoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Propylbenzene	mg/kg	0	27500	7	<0.0011	<0.0012	0
sec-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Styrene	mg/kg	0	5640	7	<0.0011	<0.0012	0
tert-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Tetrachloroethene	mg/kg	0	3060	7	<0.0034	<0.0036	0
Toluene	mg/kg	0	69900	7	<0.0057	<0.006	0
trans 1,2-Dichloroethene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
trans 1,3-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Trichloroethene	mg/kg	0	11	7	<0.0011	<0.0012	0
Trichlorofluoromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0
Vinyl Chloride	mg/kg	0	3.68	7	<0.0011	<0.0012	0
Total Organic Carbon	% M/M		No SSV	12	0.11	0.95	0
Arsenic	mg/kg		168	11	<0.01	0.06	0
Barium	mg/kg		5770	11	<0.1	0.3	0
Cadmium	mg/kg		882	11	<0.001	0.002	0
Chromium	mg/kg		83500	11	<0.01	0.01	0
Copper	mg/kg		45200	11	<0.01	0.02	0
Mercury	mg/kg		No SSV	11	<0.001	<0.001	0
Molybdenum	mg/kg		2880	11	0.04	0.47	0
Nickel	mg/kg		804	11	<0.01	0.08	0
Lead	mg/kg		1340	11	<0.01	<0.01	0
Antimony	mg/kg		3090	11	<0.01	0.03	0
Selenium	mg/kg		2550	11	<0.01	0.88	0
Zinc	mg/kg		201000	11	<0.02	0.19	0
Chloride	mg/kg		No SSV	11	2350	5930	0
Fluoride	mg/kg		No SSV	11	1	8	0
Sulphate as SO4	mg/kg		No SSV	11	430	2570	0
Total Dissolved Solids	mg/kg		No SSV	11	6800	18100	0
Phenol Index	mg/kg		No SSV	11	<0.5	<0.5	0
Dissolved Organic Carbon	mg/kg		No SSV	11	5	300	0

Location																				
Sample ID	CEFAS7-0206	SPT03-20190	06 ES-WAC-1	6 ES-WAC-3	OT-SPT2-ES-	, ES, 2, SB04	, ES, 4, SB04	TSB04 ESWA	TSB04 ESWA	.00 ES 3 OTS	ESWAC1-(	ESWAC2-0	02 ESWAC	B01-ESWAC	ES, 2, SB0	ES, 4, SB0	S, 1, OTSE	S, 6, OTSE	, ES, 4, SP	, ES, 1, SB0
Depth	2m	8m	0m	26m	24m	1m	1.5m	14.5m	4.5m	24m	0m	19.5m	0m	19.5m	1m	1.5m	0m	2m	1m	0m
Date	02/06/2019	31/05/2019	06/06/2019	06/06/2019	16/06/2019	22/06/2019	22/06/2019	06/07/2019	06/07/2019	06/07/2019	########	########	########	########	22-Jun-19	22-Jun-19	04-Jul-19	04-Jul-19	07-Jul-19	07-Jul-19
Strata																				
1,2-Dichloropropane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,3,5-Trimethylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,3-Dichlorobenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,3-Dichloropropane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
1,4-Dichlorobenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
2,2-Dichloropropane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
2-Chlorotoluene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
4-Chlorotoluene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Benzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Bromobenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Bromochloromethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Bromodichloromethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Bromoform		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Bromomethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Carbon Tetrachloride		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Chlorobenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Chloroethane		<0.0023	<0.0024		<0.0024			<0.0024			<0.0023		<0.0024	<0.0023						
Chloroform		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Chloromethane		<0.0035	<0.0036		<0.0036			<0.0036			<0.0035		<0.0036	<0.0034						
cis 1,2-Dichloroethene		<0.0058	<0.006		<0.006			<0.0059			<0.0059		<0.006	<0.0057						
cis 1,3-Dichloropropene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Dibromochloromethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Dibromomethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Dichlorodifluoromethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Ethylbenzene		<0.0023	<0.0024		<0.0024			<0.0024			<0.0023		<0.0024	<0.0023						
Hexachlorobutadiene		<0.0023	<0.0024		<0.0024			<0.0024			<0.0023		<0.0024	<0.0023						
iso-Propylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
m and p-Xylene		<0.0046	<0.0048		<0.0048			<0.0047			<0.0047		<0.0048	<0.0046						
MTBE		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Naphthalene		<0.0058	<0.006		<0.006			<0.0059			<0.0059		<0.006	<0.0057						
n-Butylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
o-Xylene		<0.0023	<0.0024		<0.0024			<0.0024			<0.0023		<0.0024	<0.0023						
p-Isopropyltoluene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Propylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
sec-Butylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Styrene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
tert-Butylbenzene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Tetrachloroethene		<0.0035	<0.0036		<0.0036			<0.0036			<0.0035		<0.0036	<0.0034						
Toluene		<0.0058	<0.006		<0.006			<0.0059			<0.0059		<0.006	<0.0057						
trans 1,2-Dichloroethene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
trans 1,3-Dichloropropene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Trichloroethene		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Trichlorofluoromethane		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Vinyl Chloride		<0.0012	<0.0012		<0.0012			<0.0012			<0.0012		<0.0012	<0.0011						
Total Organic Carbon	0.18	0.18	0.2	0.85	0.17			0.15	0.14	0.95	0.12	0.12	0.13	0.11						
Arsenic	<0.01	<0.01	<0.01	0.06	0.03				0.02	0.05	0.01	<0.01	0.02	0.05						
Barium	<0.1	<0.1	0.1	0.3	<0.1				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1						
Cadmium	<0.001	<0.001	0.002	<0.001	<0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001						
Chromium	<0.01	<0.01	0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						
Copper	<0.01	<0.01	0.02	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						
Mercury	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001						
Molybdenum	0.1	0.1	0.06	0.47	0.2				0.09	0.35	0.06	0.04	0.1	0.07						
Nickel	<0.01	<0.01	<0.01	0.02	0.02				<0.01	0.08	<0.01	<0.01	0.01	<0.01						
Lead	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						
Antimony	<0.01	0.03	0.03	0.03	0.02				0.01	0.02	0.02	0.02	0.02	0.03						
Selenium	<0.01	<0.01	<0.01	0.74	<0.01				<0.01	0.88	<0.01	<0.01	<0.01	<0.01						
Zinc	0.03	<0.02	0.19	0.1	0.04				<0.02	<0.02	<0.02	<0.02	<0.02	0.04						
Chloride	4190	2870	3780	2350	3950				3280	5930	3160	3490	2890	3270						
Fluoride	4	2	3	8	2				1	6	2	2	1	2						
Sulphate as SO4	670	680	590	980	800				1480	2570	590	640	490	430						
Total Dissolved Solids	12800	9300	11600	8020	12100				9490	18100	9450	10400	6800	9620						
Phenol Index	<0.5	<0.5	<0.5	<0.5	<0.5				<0.5	<0.5	<0.5	<0.5	<0.5	<0.5						
Dissolved Organic Carbon	5	150	93	22	300				46	200	37	23	27	12						

Assessment Criteria : ***Public Open Space (Parks) - 1% SOM Sand***

☐ **Use MRL Values?**

Constituent	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedances**	**Locations of Exceedances**	, ES, 6, SB0	, ES, 1, SPT	, ES, 1, SB05 CEFAS1-150719
									2m	0m	
									07-Jul-19	########	########
Exchange.Ammonium AR	mg/kg		No SSV	11	<0.6	20.3	0				
Acid Neut. Capacity	Mol/kg		No SSV	11	1.33	17.4	0				
Benzene	mg/kg	0	139	12	<0.0114	<0.0142	0				
Ethyl Benzene	mg/kg	0	21400	12	<0.0114	<0.0142	0				
m/p Xylenes	mg/kg	0	No SSV	12	<0.0228	<0.0284	0				
MTBE	mg/kg	0	70800	11	<0.0228	<0.0284	0				
o Xylene	mg/kg	0	9560	12	<0.0114	<0.0142	0				
Toluene	mg/kg	0	69900	12	<0.0114	0.116	0				
Xylenes	mg/kg	0	No SSV	12	<0.0342	<0.0426	0				
FOC			No SSV	11	0.0011	0.0095	0				
SOM	% M/M		No SSV	11	0.19	1.64	0				
GRO	mg/kg		No SSV	11	<0.2	<0.604	0				
GRO (>C5 - C6)	mg/kg		No SSV	11	<0.2	<0.604	0				
GRO (>C7 - C8)	mg/kg		No SSV	11	<0.2	<0.604	0				
GRO (>C8 - C10)	mg/kg		No SSV	11	<0.2	<0.604	0				
GRO (C5-C6 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				
GRO (C6-C7 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				
GRO (C6-C7)	mg/kg		No SSV	11	<0.2	<0.604	0				
GRO (C7-C8 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				
GRO (C8-C10 Aliphatic)	mg/kg		No SSV	11	<0.2	<0.284	0				
SO4-- (acid sol)	mg/kg		No SSV	11	880	3060	0				
Boron (H20 Soluble)	mg/kg		No SSV	11	2.1	6.9	0				
Arsenic (MS)	mg/kg		168	22	4.2	34.1	0		7.7	9.1	34.1
Cadmium (MS)	mg/kg		882	22	<0.04	0.9	0		0.09	0.08	0.2
Chromium (MS)	mg/kg		83500	22	6	47.2	0		9.4	9	13.3
Copper (MS)	mg/kg		45200	22	2.7	98	0		8.6	9.6	6.9
Lead (MS)	mg/kg		1340	22	0.03	42	0		5.1	9	0.03
Mercury (MS)	mg/kg		No SSV	22	<0.015	10.3	0		<0.015	0.06	10.3
Nickel (MS)	mg/kg		804	22	4.2	50.1	0		7.6	7.3	5.6
Selenium (MS)	mg/kg		2550	11	<0.5	3.7	0				
Vanadium (MS)	mg/kg		1550	11	19.6	76.8	0				
Zinc (MS)	mg/kg		201000	22	<11.6	110.6	0		20.8	33.5	24.9
Iron	mg/kg		No SSV	11	352	39200	0				
Chromium vi:	mg/kg		251	11	<0.1	<0.1	0				
L.O.I. % @ 450C	%		No SSV	12	1.3	6.2	0				
Dibutyl Tin	ug Sn/kg		No SSV	7	<1	<1	0				
Tributyl Tin as Sn	ug Sn/kg		No SSV	7	<1	<1	0				
Triphenyl Tin	ug Sn/kg		No SSV	7	<1	<1	0				
Acenaphthene	mg/kg		28600	12	<0.09	<0.11	0				
Acenaphthylene	mg/kg		No SSV	12	<0.09	<0.11	0				
Anthracene	mg/kg		150000	12	<0.09	<0.11	0				
Benzo(a)anthracene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				
Benzo(a)pyrene	mg/kg		21.4	12	<0.09	<0.11	0				
Benzo(b)fluoranthene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				
Benzo(ghi)perylene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				
Benzo(k)fluoranthene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				
Chrysene	mg/kg		BaP Surrogate	23	<0.09	22.2	0		2.41	6.58	1.74
Coronene	mg/kg		No SSV	11	<0.09	<0.11	0				
Dibenzo(ah)anthracene	mg/kg		BaP Surrogate	23	<0.09	4.7	0		<1	<1	<1
Fluoranthene	mg/kg		20200	23	<0.09	44	0		2.43	8.33	2.7
Fluorene	mg/kg		19600	23	<0.09	7.24	0		<1	2.66	<1
Indeno(123-cd)pyrene	mg/kg		BaP Surrogate	12	<0.09	<0.11	0				
Naphthalene	mg/kg		623	14	<0.09	11.9	0				
Phenanthrene	mg/kg		No SSV	12	<0.09	<0.11	0				
Pyrene	mg/kg		15100	14	<0.09	21.2	0				
Total PAH (Sum of USEPA 16)	mg/kg		No SSV	12	<1.46	<1.82	0				
PCB 101	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 118	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 138	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 153	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 180	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 28	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
PCB 52	mg/kg	0	No SSV	12	<0.0057	<0.0071	0				
pH units (AR)	pH Units		No SSV	12	8	9.1	0				
Cyanide(Free) (AR)	mg/kg		34	11	<0.6	<0.7	0				
Cyanide(Total) (AR)	mg/kg		No SSV	11	<0.6	<0.7	0				
Phenol Index.(AR)	mg/kg		No SSV	11	<0.6	<0.7	0				
Sulphide as S (AR)	mg/kg		No SSV	11	<0.6	4.2	0				
^Asbestos Screen & ID (Stage 1)			No SSV	11	-	-	0				
1,2,4-Trichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				
1,2-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				
1,3-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				
1,4-Dichlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				
1-Methylnaphthalene	mg/kg		No SSV	7	<0.114	<0.121	0				
2,4,5-Trichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0				
2,4,6-Trichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0				
2,4-Dichlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0				
2,4-Dimethylphenol	mg/kg		8740	7	<0.114	<0.121	0				
2,4-Dinitrophenol	mg/kg		No SSV	7	<0.57	<0.605	0				
2,4-Dinitrotoluene	mg/kg		973	7	<0.228	<0.242	0				
2,6-Dinitrotoluene	mg/kg		489	7	<0.57	<0.605	0				

Assessment Criteria : ***Public Open Space (Parks) - 1% SOM Sand***

☐ **Use MRL Values?**

		it of Detection	neric Assessment eria	mber of Samples	imum Value	ximum Value	mber of eedances		, ES, 6, SB0	ES, 1, SPT	ES, 1, SB05 CEFAS1-150719
									2m	0m	
									07-Jul-19	########	########
2-Chloronaphthalene	mg/kg		659	7	<0.114	<0.121	0				
2-Chlorophenol	mg/kg		No SSV	7	<0.114	<0.121	0				
2-Methylnaphthalene	mg/kg		No SSV	7	<0.114	<0.121	0				
2-Methylphenol	mg/kg		47800	7	<0.114	<0.121	0				
2-Nitroaniline	mg/kg		No SSV	7	<0.57	<0.605	0				
2-Nitrophenol	mg/kg		No SSV	7	<0.114	<0.121	0				
3- & 4-Methylphenol	mg/kg		No SSV	7	<0.114	<0.121	0				
3-Nitroaniline	mg/kg		No SSV	7	<16.5	<17.5	0				
4,6-Dinitro-2-methylphenol	mg/kg		No SSV	7	<0.228	<0.242	0				
4-Bromophenyl-phenylether	mg/kg		No SSV	7	<0.114	<0.121	0				
4-Chloro-3-methylphenol	mg/kg		No SSV	7	<0.114	<0.121	0				
4-Chloroaniline	mg/kg		No SSV	7	<0.57	<0.605	0				
4-Chlorophenol	mg/kg		No SSV	7	<0.57	<0.605	0				
4-Chlorophenyl-phenylether	mg/kg		No SSV	7	<0.114	<0.121	0				
4-Nitroaniline	mg/kg		No SSV	7	<0.684	<0.726	0				
4-Nitrophenol	mg/kg		No SSV	7	<0.57	<0.605	0				
Acenaphthene	mg/kg		28600	7	<0.114	<0.121	0				
Acenaphthylene	mg/kg		No SSV	7	<0.114	<0.121	0				
Anthracene	mg/kg		150000	7	<0.114	<0.121	0				
Benzo(a)anthracene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0				
Benzo(a)pyrene	mg/kg		21.4	7	<0.228	<0.242	0				
Benzo(b)fluoranthene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0				
Benzo(ghi)perylene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0				
Benzo(k)fluoranthene	mg/kg		BaP Surrogate	7	<0.228	<0.242	0				
Benzoic Acid	mg/kg		No SSV	7	<0.57	<0.605	0				
Benzyl alcohol	mg/kg		No SSV	7	<0.57	<0.605	0				
Biphenyl	mg/kg		14900	7	<0.114	<0.121	0				
bis(2-Chloroethoxy)methane	mg/kg		No SSV	7	<0.114	<0.121	0				
bis(2-Chloroethyl)ether	mg/kg		No SSV	7	<0.114	<0.121	0				
bis(2-Chloroisopropyl)ether	mg/kg		No SSV	7	<0.57	<0.605	0				
bis(2-Ethylhexyl)phthalate	mg/kg		No SSV	7	<0.228	3.7	0				
Butylbenzylphthalate	mg/kg		No SSV	7	<0.228	<0.242	0				
Chrysene	mg/kg		BaP Surrogate	7	<0.114	<0.121	0				
Coronene	mg/kg		No SSV	7	<0.342	<0.363	0				
Dibenzo(ah)anthracene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0				
Dibenzofuran	mg/kg		No SSV	7	<0.114	<0.121	0				
Diethylphthalate	mg/kg		No SSV	7	<0.114	<0.121	0				
Dimethylphthalate	mg/kg		No SSV	7	<0.114	<0.121	0				
Di-n-butylphthalate	mg/kg		2620	7	<0.114	<0.121	0				
Di-n-octylphthalate	mg/kg		20000	7	<0.228	<0.242	0				
Diphenyl Ether	mg/kg		No SSV	7	<0.114	<0.121	0				
Fluoranthene	mg/kg		20200	7	<0.228	<0.242	0				
Fluorene	mg/kg		19600	7	<0.228	<0.242	0				
Hexachlorobenzene	mg/kg		No SSV	7	<0.114	<0.121	0				
Hexachlorobutadiene	mg/kg		No SSV	7	<0.114	<0.121	0				
Hexachlorocyclopentadiene	mg/kg		No SSV	7	<0.114	<0.121	0				
Hexachloroethane	mg/kg		115	7	<0.114	<0.121	0				
Indeno(123-cd)pyrene	mg/kg		BaP Surrogate	7	<0.57	<0.605	0				
Isophorone	mg/kg		No SSV	7	<0.114	<0.121	0				
Naphthalene	mg/kg		623	7	<0.114	<0.121	0				
Nitrobenzene	mg/kg		No SSV	7	<0.57	<0.605	0				
N-Nitroso-di-n-propylamine	mg/kg		No SSV	7	<1.026	<1.088	0				
N-Nitrosodiphenylamine	mg/kg		No SSV	7	<0.114	<0.121	0				
Pentachlorophenol	mg/kg		No SSV	7	<0.57	<0.605	0				
Phenanthrene	mg/kg		No SSV	7	<0.114	<0.121	0				
Phenol	mg/kg		685	7	<0.114	<0.121	0				
Pyrene	mg/kg		15100	7	<0.228	<0.242	0				
Tot.Moisture @ 105C	%		No SSV	12	12.3	29.6	0				
TPH Band (>C10-C40)	mg/kg		No SSV	11	11.9	189	0				
TPH by GCFID (AR)	mg/kg		No SSV	10	14.9	190	0				
TPH Ali Band >C10-C12	mg/kg		No SSV	11	<4.56	<5.68	0				
TPH Ali Band >C12-C16	mg/kg		No SSV	11	<4.56	6.93	0				
TPH Ali Band >C16-C21	mg/kg		No SSV	11	<4.56	30.1	0				
TPH Ali Band >C21-C35	mg/kg		No SSV	11	<10.27	76.7	0				
TPH Ali Band >C8-C10	mg/kg		No SSV	11	<4.56	10.1	0				
TPH Ali Band >C8-C40	mg/kg		No SSV	11	<22.8	129	0				
TPH Aro Band >C10-C12	mg/kg		No SSV	11	<4.56	<5.68	0				
TPH Aro Band >C12-C16	mg/kg		No SSV	11	<4.56	<5.68	0				
TPH Aro Band >C16-C21	mg/kg		No SSV	11	<4.63	11.02	0				
TPH Aro Band >C21-C35	mg/kg		No SSV	11	<10.14	35.6	0				
TPH Aro Band >C8-C10	mg/kg		No SSV	11	<4.56	<5.68	0				
TPH Aro Band >C8-C40	mg/kg		No SSV	11	<23.1	55.6	0				
1,1,1,2-Tetrachloroethane	mg/kg	0	3490	7	<0.0011	<0.0012	0				
1,1,1-Trichloroethane	mg/kg	0	34900	7	<0.0011	<0.0012	0				
1,1,2,2-Tetrachloroethane	mg/kg	0	4640	7	<0.0011	<0.0012	0				
1,1,2-Trichloroethane	mg/kg	0	766	7	<0.0011	<0.0012	0				
1,1-Dichloroethane	mg/kg	0	11200	7	<0.0011	<0.0012	0				
1,1-Dichloroethene	mg/kg	0	1950	7	<0.0011	<0.0012	0				
1,1-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,2,3-Trichlorobenzene	mg/kg	0	No SSV	7	<0.0034	<0.0036	0				
1,2,3-Trichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,2,4-Trichlorobenzene	mg/kg	0	No SSV	7	<0.0034	<0.0036	0				
1,2,4-Trimethylbenzene	mg/kg	0	225	7	<0.0011	<0.0012	0				
1,2-Dibromo-3-chloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,2-Dibromoethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,2-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,2-Dichloroethane	mg/kg	0	37.9	7	<0.0011	<0.0012	0				

Assessment Criteria :	***Public Open Space (Parks) - 1% SOM Sand***
☐ **Use MRL Values?**	

		it of Detection	**neric Assessment teria**	**mber of Samples**	**imum Value**	**ximum Value**	**mber of ceedances**		, ES, 6, SB0	ES, 1, SPT	ES, 1, SB05 CEFAS1-150719
									2m	0m	
									07-Jul-19	########	########
1,2-Dichloropropane	mg/kg	0	79.6	7	<0.0011	<0.0012	0				
1,3,5-Trimethylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,3-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,3-Dichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
1,4-Dichlorobenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
2,2-Dichloropropane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
2-Chlorotoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
4-Chlorotoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Benzene	mg/kg	0	139	7	<0.0011	<0.0012	0				
Bromobenzene	mg/kg	0	986	7	<0.0011	<0.0012	0				
Bromochloromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Bromodichloromethane	mg/kg	0	33.9	7	<0.0011	<0.0012	0				
Bromoform	mg/kg	0	2910	7	<0.0011	<0.0012	0				
Bromomethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Carbon Tetrachloride	mg/kg	0	915	7	<0.0011	<0.0012	0				
Chlorobenzene	mg/kg	0	13200	7	<0.0011	<0.0012	0				
Chloroethane	mg/kg	0	82400	7	<0.0023	<0.0024	0				
Chloroform	mg/kg	0	2090	7	<0.0011	<0.0012	0				
Chloromethane	mg/kg	0	73.8	7	<0.0034	<0.0036	0				
cis 1,2-Dichloroethene	mg/kg	0	No SSV	7	<0.0057	<0.006	0				
cis 1,3-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Dibromochloromethane	mg/kg	0	231	7	<0.0011	<0.0012	0				
Dibromomethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Dichlorodifluoromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Ethylbenzene	mg/kg	0	21400	7	<0.0023	<0.0024	0				
Hexachlorobutadiene	mg/kg	0	No SSV	7	<0.0023	<0.0024	0				
iso-Propylbenzene	mg/kg	0	14800	7	<0.0011	<0.0012	0				
m and p-Xylene	mg/kg	0	No SSV	7	<0.0046	<0.0048	0				
MTBE	mg/kg	0	70800	7	<0.0011	<0.0012	0				
Naphthalene	mg/kg	0	623	7	<0.0057	<0.006	0				
n-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
o-Xylene	mg/kg	0	9560	7	<0.0023	<0.0024	0				
p-Isopropyltoluene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Propylbenzene	mg/kg	0	27500	7	<0.0011	<0.0012	0				
sec-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Styrene	mg/kg	0	5640	7	<0.0011	<0.0012	0				
tert-Butylbenzene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Tetrachloroethene	mg/kg	0	3060	7	<0.0034	<0.0036	0				
Toluene	mg/kg	0	69900	7	<0.0057	<0.006	0				
trans 1,2-Dichloroethene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
trans 1,3-Dichloropropene	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Trichloroethene	mg/kg	0	11	7	<0.0011	<0.0012	0				
Trichlorofluoromethane	mg/kg	0	No SSV	7	<0.0011	<0.0012	0				
Vinyl Chloride	mg/kg	0	3.68	7	<0.0011	<0.0012	0				
Total Organic Carbon	% M/M		No SSV	12	0.11	0.95	0				
Arsenic	mg/kg		168	11	<0.01	0.06	0				
Barium	mg/kg		5770	11	<0.1	0.3	0				
Cadmium	mg/kg		882	11	<0.001	0.002	0				
Chromium	mg/kg		83500	11	<0.01	0.01	0				
Copper	mg/kg		45200	11	<0.01	0.02	0				
Mercury	mg/kg		No SSV	11	<0.001	<0.001	0				
Molybdenum	mg/kg		2880	11	0.04	0.47	0				
Nickel	mg/kg		804	11	<0.01	0.08	0				
Lead	mg/kg		1340	11	<0.01	<0.01	0				
Antimony	mg/kg		3090	11	<0.01	0.03	0				
Selenium	mg/kg		2550	11	<0.01	0.88	0				
Zinc	mg/kg		201000	11	<0.02	0.19	0				
Chloride	mg/kg		No SSV	11	2350	5930	0				
Fluoride	mg/kg		No SSV	11	1	8	0				
Sulphate as SO4	mg/kg		No SSV	11	430	2570	0				
Total Dissolved Solids	mg/kg		No SSV	11	6800	18100	0				
Phenol Index	mg/kg		No SSV	11	<0.5	<0.5	0				
Dissolved Organic Carbon	mg/kg		No SSV	11	5	300	0				

Sizewell - Cefas Assessment

				Client Reference:	IT_SB_07, O.O0m, ES, 1, CEFAS1-020619	IT_SB_07, 1.O0m, ES, 5, CEFAS5-020619	IT_SB_06, O.O0m, ES, 1, SB06 CEFAS1-050619	IT_SB_06, 1.O0m, ES, 5, SB06 CEFAS5-050619	IT2_SB_04, 1.00M, ES, 2, SB04 CEFAS2-220619	IT2_SB_04, 1.50M, ES, 4, SB04 CEFAS4-220619	OT_SB_05, 0.00M, ES, 1, SB05 CEFAS1-240619	OT_SB_05, 1.00M, ES, 4, SB05 CEFAS4-250619	OT_SB_04, 0.00M, ES, 1, OTSB04 CEFAS1-040719	OT_SB_04, 2.00M, ES, 6, OTSB04 CEFAS6-040719
				SOCOTEC Ref:	MAR00296.001	MAR00296.002	MAR00303.001	MAR00303.002	MAR00319.001	MAR00319.002	MAR00323.001	MAR00323.002	MAR00330.001	MAR00330.002
				Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Determinand	**Units**	**LOD**	**CEFAS Action Level 1 Screening Value**	**CEFAS Action Level 2 Screening Value**										
Physical														
Total Solids	%	UKAS/MMO	-	-	82.6	78.7	-	-	87.8	83	83.80	85.80	77.40	83.80
Total Organic Carbon	% M/M	UKAS/MMO	-	-	0.19	0.19	0.24	0.22	0.14	0.33	0.17	0.13	0.34	0.13
Trace Metals														
Arsenic (As)	mg/Kg (Dry Weight)	0.5	20	100	15.2	12.2	15.5	10.3	18.3	18.1	5.4	8.6	16.6	4.2
Cadmium (Cd)	mg/Kg (Dry Weight)	0.04	0.4	5	0.19	0.17	0.22	0.19	0.04	0.07	<0.04	<0.04	0.11	0.07
Chromium (Cr)	mg/Kg (Dry Weight)	0.5	40	400	12.1	9.1	8.80	7.30	6.6	10.2	8.3	7.9	15.6	6.0
Copper (Cu)	mg/Kg (Dry Weight)	0.5	40	400	5.8	3.7	8.00	5.10	5.7	6.9	7.5	7	11.4	7.6
Mercury (Hg)	mg/Kg (Dry Weight)	0.015	0.3	3	0.02	0.02	<0.015	<0.015	0.03	0.03	0.02	0.08	<0.015	<0.015
Nickel (Ni)	mg/Kg (Dry Weight)	0.5	20	200	5.5	3.8	5.10	3.70	5.2	8.1	5.6	5	11.0	4.2
Lead (Pb)	mg/Kg (Dry Weight)	0.5	50	500	2.6	1.7	6.20	1.90	6.4	6.5	3.8	4.2	13.5	3.3
Zinc (Zn)	mg/Kg (Dry Weight)	2	130	800	19.2	12.5	34.00	19.20	20.7	24.3	14.4	14.3	36.8	11.6
Organotins														
Dibutyltin (DBT)	mg/Kg (Dry Weight)	0.001	0.1	1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001
Tributyltin (TBT)	mg/Kg (Dry Weight)	0.001	0.1	1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	<0.001
PAH & Total Hydrocarbon Content														
Acenaphthene	µg/Kg (Dry Weight)	1	-	-	<1	<1	<1	<1	<1	3.17	<1	<1	3.84	<1
Acenaphthylene	µg/Kg (Dry Weight)	1	-	-	<1	<1	<1	<1	<1	<1	<1	<1	1.90	<1
Anthracene	µg/Kg (Dry Weight)	1	-	-	<1	<1	<1	<1	<1	3.91	<1	<1	7.21	<1
Benzo[a]anthracene	µg/Kg (Dry Weight)	1	-	-	<1	<1	1.49	<1	<1	12.2	<1	1.92	20.7	<1
Benzo[a]pyrene	µg/Kg (Dry Weight)	1	-	-	<1	<1	2.22	<1	1.16	15.4	<1	2.29	24.8	<1
Benzo[b]fluoranthene	µg/Kg (Dry Weight)	1	-	-	<1	<1	2.59	<1	1.39	18.4	<1	2.87	32.0	<1
Benzo[e]pyrene	µg/Kg (Dry Weight)	1	-	-	<1	<1	3.78	<1	2.23	24.2	<1	3.54	28.9	<1
Benzo[ghi]perylene	µg/Kg (Dry Weight)	1	-	-	<1	<1	2.95	<1	1.88	26.3	<1	3.17	26.3	<1
Benzo[k]fluoranthene	µg/Kg (Dry Weight)	1	-	-	<1	<1	1.52	<1	<1	7.95	<1	1.19	13.3	<1
C1-naphthalenes	µg/Kg (Dry Weight)	1	-	-	<1	<1	8.70	<1	4.42	67.4	<1	9.50	71.6	<1
C1-phenanthrene	µg/Kg (Dry Weight)	1	-	-	<1	<1	5.92	<1	3.63	72.1	<1	5.89	41.4	<1
C2-naphthalenes	µg/Kg (Dry Weight)	1	-	-	<1	<1	7.08	<1	4.32	72.0	<1	7.83	57.2	<1
C3-naphthalenes	µg/Kg (Dry Weight)	1	-	-	<1	<1	5.14	<1	4.11	78.7	<1	6.77	51.8	<1
Chrysene	µg/Kg (Dry Weight)	1	-	-	<1	<1	2.24	<1	1.27	17.1	<1	2.24	22.2	<1
Diben[ah]anthracene	µg/Kg (Dry Weight)	1	-	-	<1	<1	<1	<1	<1	2.88	<1	<1	4.70	<1
Fluoranthene	µg/Kg (Dry Weight)	1	-	-	<1	<1	3.16	<1	1.65	16	<1	3.73	44.0	<1
Fluorene	µg/Kg (Dry Weight)	1	-	-	<1	<1	<1	<1	<1	6.86	<1	<1	7.24	<1
Indeno[1,2,3-cd]pyrene	µg/Kg (Dry Weight)	1	-	-	<1	<1	2.29	<1	<1	8.05	<1	2.49	25.5	<1
Naphthalene	µg/Kg (Dry Weight)	1	-	-	<1	<1	2.59	<1	<1	11.9	<1	2.74	21.7	<1
Perylene	µg/Kg (Dry Weight)	1	-	-	<1	<1	1.36	<1	1.50	25.5	2.76	4.49	12.1	17.5
Phenanthrene	µg/Kg (Dry Weight)	1	-	-	<1	<1	4.62	<1	2.94	50.2	<1	4.73	44.0	<1
Pyrene	µg/Kg (Dry Weight)	1	-	-	<1	<1	2.87	<1	1.73	21.2	<1	3.84	40.1	<1
Total Hydrocarbon Content	mg/Kg	1	-	-	<1	<1	5.04	<1	3.76	6.79	<1	1.92	3.03	<1
Polychlorinated Biphenyls (PCBs)														
PCB 101	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 105	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 110	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 118	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 128	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 138	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00008	<0.00008
PCB 141	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 149	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 151	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 153	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00010	<0.00008
PCB 156	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 158	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 170	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 18	mg/Kg (Dry Weight)	0.00008	-	-	0.00022	0.00009	0.00017	0.00016	0.00014	0.00016	0.00014	0.00029	0.00012	0.00002
PCB 180	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 183	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 187	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 194	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
PCB 28	mg/Kg (Dry Weight)	0.00008	-	-	0.00018	0.00011	0.00013	0.00012	<0.00008	0.00010	0.00013	0.00022	0.00016	<0.00008
PCB 31	mg/Kg (Dry Weight)	0.00008	-	-	0.00015	0.00009	0.00012	0.00013	<0.00008	0.00011	0.00013	0.00023	0.00014	<0.00008
PCB 44	mg/Kg (Dry Weight)	0.00008	-	-	0.00010	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00010	0.00018	<0.00008	<0.00008
PCB 47	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00011	<0.00008	<0.00008
PCB 49	mg/Kg (Dry Weight)	0.00008	-	-	0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00014	<0.00008	<0.00008
PCB 52	mg/Kg (Dry Weight)	0.00008	-	-	0.00017	<0.00008	0.00009	0.00009	<0.00008	0.00009	0.00012	0.00023	0.00013	<0.00008
PCB 66	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	0.00010	0.00010	<0.00008
Sum of ICES 7	mg/Kg (Dry Weight)	0.00008	0.01	-	0.00035	0.00011	0.00022	0.00021	<0.00008	0.00019	0.00025	0.00045	0.00029	<0.00008
Sum of 25 congeners	mg/Kg (Dry Weight)	0.00008	0.02	0.2	0.00090	0.00029	0.00051	0.00050	0.00014	0.00046	0.00062	0.00150	0.00083	0.00002
Organochlorine Pesticides														
alpha-Hexachlorcyclohexane	mg/Kg (Dry Weight)	0.0001	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
beta-Hexachlorcyclohexane	mg/Kg (Dry Weight)	0.0001	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
gamma-Hexachlorcyclohexane	mg/Kg (Dry Weight)	0.0001	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Dieldrin	mg/Kg (Dry Weight)	0.0001	0.001	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Hexachlorobenzene	mg/Kg (Dry Weight)	0.0001	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0002	0.0001
p,p'-Dichorodiphenyldicloroethylene	mg/Kg (Dry Weight)	0.0001	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0003	<0.00010
p,p'-Dichorodiphenyltrichloroethane	mg/Kg (Dry Weight)	0.0001	0.001	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0003	<0.00010
p,p'-Dichorodiphenyldicloroethane	mg/Kg (Dry Weight)	0.0001	-	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010

Sizewell - Cefas Assessment

				Client Reference:	IT_SB_07, O.O0m, ES, 1, CEFAS1-020619	IT_SB_07, 1.O0m, ES, 5, CEFAS5-020619	IT_SB_06, O.O0m, ES, 1, SB06 CEFAS1-050619	IT_SB_06, 1.O0m, ES, 5, SB06 CEFAS5-050619	IT2_SB_04, 1.00M, ES, 2, SB04 CEFAS2-220619	IT2_SB_04, 1.50M, ES, 4, SB04 CEFAS4-220619	OT_SB_05, 0.00M, ES, 1, SB05 CEFAS1-240619	OT_SB_05, 1.00M, ES, 4, SB05 CEFAS4-250619	OT_SB_04, 0.00M, ES, 1, OTSB04 CEFAS1-040719	OT_SB_04, 2.00M, ES, 6, OTSB04 CEFAS6-040719
				SOCOTEC Ref:	MAR00296.001	MAR00296.002	MAR00303.001	MAR00303.002	MAR00319.001	MAR00319.002	MAR00323.001	MAR00323.002	MAR00330.001	MAR00330.002
				Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Determinand	**Units**	**LOD**	**CEFAS Action Level 1 Screening Value**	**CEFAS Action Level 2 Screening Value**										
Brominated Flame Retardants														
BDE17	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0294	<0.02
BDE28	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
BDE47	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.103	<0.02
BDE66	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0201	<0.02
BDE85	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
BDE99	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0681	<0.02
BDE100	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
BDE138	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
BDE153	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
BDE154	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
BDE183	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	0.0285	<0.02	<0.02	<0.02	<0.02
BDE209	µg/Kg (Dry Weight)	0.1	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.891	5.97	<0.1
Gamma Spectrometry														
Be-7	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
K-40	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Co-60	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Cs-134	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Cs-137	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Tl-208	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Pb-210	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Bi-212	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Pb-212	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Bi-214	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Pb-214	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Ra-224	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Ra-226	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Ac-228	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Pa-234m	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Th-234	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
U-235	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-
Am-241	Bq.kg^{-1}	-	-	-	-	-	-	-	-	-	-	-	-	-

Sizewell - Cefas Assessment

				Client Reference:	IT2_SPT_03, 1.00M, ES, 4, SPT03 CEFAS-070719	IT2_SB_03, 0.00M, ES, 1, SB03 CEFAS1-070719	IT2_SB_03, 2.00M, ES, 6, SB03 CEFAS6-070719	IT2_SPT_03, 0.00M, ES, 1, SPT03 CEFAS1-070719	IT1_SB_05, 0.00M, ES, 1, SB05 CEFAS1-150719	IT_SB_07, CEFAS-RAD-2 ES 2	IT_SB_07, CEFAS-RAD-4 ES 4	IT_SB_06 SB06, CEFAS-RAD-2 ES 2	IT_SB_06 SB06, CEFAS-RAD-6 ES 6	IT_SB_04 SB04, CEFAS-RAD-4 ES 4	IT_SB_04 SB04, CEFAS-RAD-3
				SOCOTEC Ref:	MAR00330.003	MAR00330.004	MAR00330.005	MAR00338.001	MAR00341.001	0.00m	0.55m	0.00m	1.00m	1.50m	1.00-1.50m
				Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Determinand	**Units**	**LOD**	**CEFAS Action Level 1 Screening Value**	**CEFAS Action Level 2 Screening Value**											
Physical															
Total Solids	%	UKAS/MMO	-	-	70.80	76.80	81.80	72.2	-	-	-	-	-	-	-
Total Organic Carbon	% M/M	UKAS/MMO	-	-	0.51	0.40	0.19	0.26	0.22	-	-	-	-	-	-
Trace Metals										-	-	-	-	-	-
Arsenic (As)	mg/Kg (Dry Weight)	0.5	20	100	11.5	12.8	7.7	9.1	34.1	-	-	-	-	-	-
Cadmium (Cd)	mg/Kg (Dry Weight)	0.04	0.4	5	0.12	0.1	0.09	0.08	0.2	-	-	-	-	-	-
Chromium (Cr)	mg/Kg (Dry Weight)	0.5	40	400	19.4	13.2	9.4	9	13.3	-	-	-	-	-	-
Copper (Cu)	mg/Kg (Dry Weight)	0.5	40	400	12.9	10.1	8.6	9.6	6.9	-	-	-	-	-	-
Mercury (Hg)	mg/Kg (Dry Weight)	0.015	0.3	3	<0.015	0.06	<0.015	0.06	0.03	-	-	-	-	-	-
Nickel (Ni)	mg/Kg (Dry Weight)	0.5	20	200	16.3	10.6	7.6	7.3	10.3	-	-	-	-	-	-
Lead (Pb)	mg/Kg (Dry Weight)	0.5	50	500	9.3	9.8	5.1	9	5.6	-	-	-	-	-	-
Zinc (Zn)	mg/Kg (Dry Weight)	2	130	800	39.6	29.8	20.8	33.5	24.9	-	-	-	-	-	-
Organotins										-	-	-	-	-	-
Dibutyltin (DBT)	mg/Kg (Dry Weight)	0.001	0.1	1	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-
Tributyltin (TBT)	mg/Kg (Dry Weight)	0.001	0.1	1	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-
PAH & Total Hydrocarbon Content										-	-	-	-	-	-
Acenaphthene	µg/Kg (Dry Weight)	1	-	-	2.53	<1	<1	<1	<1	-	-	-	-	-	-
Acenaphthylene	µg/Kg (Dry Weight)	1	-	-	<1	<1	<1	<1	<1	-	-	-	-	-	-
Anthracene	µg/Kg (Dry Weight)	1	-	-	2.83	<1	<1	1.45	<1	-	-	-	-	-	-
Benzo[a]anthracene	µg/Kg (Dry Weight)	1	-	-	9.88	4.52	1.77	4.84	1.46	-	-	-	-	-	-
Benzo[a]pyrene	µg/Kg (Dry Weight)	1	-	-	11.5	4.53	2.37	5.15	1.87	-	-	-	-	-	-
Benzo[b]fluoranthene	µg/Kg (Dry Weight)	1	-	-	18.4	9.55	2.77	8.48	2.35	-	-	-	-	-	-
Benzo[e]pyrene	µg/Kg (Dry Weight)	1	-	-	27.3	9.29	4.87	11.9	3.13	-	-	-	-	-	-
Benzo[ghi]perylene	µg/Kg (Dry Weight)	1	-	-	23.4	10.1	4.10	10.5	2.56	-	-	-	-	-	-
Benzo[k]fluoranthene	µg/Kg (Dry Weight)	1	-	-	5.39	2.33	<1	2.67	<1	-	-	-	-	-	-
C1-naphthalenes	µg/Kg (Dry Weight)	1	-	-	55.9	29.7	12.0	25.3	6.33	-	-	-	-	-	-
C1-phenanthrene	µg/Kg (Dry Weight)	1	-	-	55.4	25.3	11.5	26.6	4.69	-	-	-	-	-	-
C2-naphthalenes	µg/Kg (Dry Weight)	1	-	-	50.8	26.6	12.0	22.6	5.51	-	-	-	-	-	-
C3-naphthalenes	µg/Kg (Dry Weight)	1	-	-	57.7	27.2	13.7	23.4	5.47	-	-	-	-	-	-
Chrysene	µg/Kg (Dry Weight)	1	-	-	13.8	6.72	2.41	6.58	1.74	-	-	-	-	-	-
Diben[ah]anthracene	µg/Kg (Dry Weight)	1	-	-	2.66	<1	<1	<1	<1	-	-	-	-	-	-
Fluoranthene	µg/Kg (Dry Weight)	1	-	-	13.8	7.85	2.43	8.33	2.70	-	-	-	-	-	-
Fluorene	µg/Kg (Dry Weight)	1	-	-	5.69	3.00	<1	2.66	<1	-	-	-	-	-	-
Indeno[1,2,3-cd]pyrene	µg/Kg (Dry Weight)	1	-	-	9.31	4.54	1.31	4.65	1.80	-	-	-	-	-	-
Naphthalene	µg/Kg (Dry Weight)	1	-	-	12.2	6.00	2.32	6.01	1.73	-	-	-	-	-	-
Perylene	µg/Kg (Dry Weight)	1	-	-	21.4	9.88	4.31	8.42	1.36	-	-	-	-	-	-
Phenanthrene	µg/Kg (Dry Weight)	1	-	-	40.3	18.9	8.18	18.7	3.90	-	-	-	-	-	-
Pyrene	µg/Kg (Dry Weight)	1	-	-	18.7	8.97	3.24	10.9	2.77	-	-	-	-	-	-
Total Hydrocarbon Content	mg/Kg	1	-	-	3.57	2.94	3.67	5.41	2.19	-	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)										-	-	-	-	-	-
PCB 101	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 105	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 110	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 118	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 128	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 138	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 141	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 149	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 151	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 153	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 156	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 158	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 170	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 18	mg/Kg (Dry Weight)	0.00008	-	-	0.00019	0.00006	0.00010	0.00014	0.00012	-	-	-	-	-	-
PCB 180	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 183	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 187	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 194	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 28	mg/Kg (Dry Weight)	0.00008	-	-	0.00015	0.00008	0.00011	0.00010	<0.00008	-	-	-	-	-	-
PCB 31	mg/Kg (Dry Weight)	0.00008	-	-	0.00020	<0.00008	0.00009	0.00011	<0.00008	-	-	-	-	-	-
PCB 44	mg/Kg (Dry Weight)	0.00008	-	-	0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 47	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 49	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
PCB 52	mg/Kg (Dry Weight)	0.00008	-	-	0.00014	<0.00008	<0.00008	0.00008	<0.00008	-	-	-	-	-	-
PCB 66	mg/Kg (Dry Weight)	0.00008	-	-	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	-	-	-	-	-	-
Sum of ICES 7	mg/Kg (Dry Weight)	0.00008	0.01	-	0.00029	<0.00008	<0.00008	0.00018	<0.00008	-	-	-	-	-	-
Sum of 25 congeners	mg/Kg (Dry Weight)	0.00008	0.02	0.2	0.00076	0.00014	0.00030	0.00043	0.00012	-	-	-	-	-	-
Organochlorine Pesticides										-	-	-	-	-	-
alpha-Hexachlorcyclohexane	mg/Kg (Dry Weight)	0.0001	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	-	-	-	-	-	-
beta-Hexachlorcyclohexane	mg/Kg (Dry Weight)	0.0001	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	-	-	-	-	-	-
gamma-Hexachlorcyclohexane	mg/Kg (Dry Weight)	0.0001	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	-	-	-	-	-	-
Dieldrin	mg/Kg (Dry Weight)	0.0001	0.001	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	-	-	-	-	-	-
Hexachlorobenzene	mg/Kg (Dry Weight)	0.0001	-	-	0.0008	0.0001	0.0004	<0.00010	<0.00010	-	-	-	-	-	-
p,p'-Dichorodiphenyldicloroethylene	mg/Kg (Dry Weight)	0.0001	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	-	-	-	-	-	-
p,p'-Dichorodiphenyltrichloroethane	mg/Kg (Dry Weight)	0.0001	0.001	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	-	-	-	-	-	-
p,p'-Dichorodiphenyldicloroethane	mg/Kg (Dry Weight)	0.0001	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	-	-	-	-	-	-

Sizewell - Cefas Assessment

				Client Reference:	IT2_SPT_03, 1.00M, ES, 4, SPT03 CEFAS-070719	IT2_SB_03, 0.00M, ES, 1, SB03 CEFAS1-070719	IT2_SB_03, 2.00M, ES, 6, SB03 CEFAS6-070719	IT2_SPT_03, 0.00M, ES, 1, SPT03 CEFAS1-070719	IT1_SB_05, 0.00M, ES, 1, SB05 CEFAS1-150719	IT_SB_07, CEFAS-RAD-2 ES 2	IT_SB_07, CEFAS-RAD-4 ES 4	IT_SB_06 SB06, CEFAS-RAD-2 ES 2	IT_SB_06 SB06, CEFAS-RAD-6 ES 6	IT_SB_04 SB04, CEFAS-RAD-4 ES 4	IT_SB_04 SB04, CEFAS-RAD-3
				SOCOTEC Ref:	MAR00330.003	MAR00330.004	MAR00330.005	MAR00338.001	MAR00341.001	0.00m	0.55m	0.00m	1.00m	1.50m	1.00-1.50m
				Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Determinand	**Units**	**LOD**	**CEFAS Action Level 1 Screening Value**	**CEFAS Action Level 2 Screening Value**											
Brominated Flame Retardants										-	-	-	-	-	-
BDE17	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE28	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE47	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE66	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE85	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE99	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE100	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE138	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE153	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE154	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE183	µg/Kg (Dry Weight)	0.02	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-
BDE209	µg/Kg (Dry Weight)	0.1	-	-	<0.1	0.139	<0.1	0.900	0.769	-	-	-	-	-	-
Gamma Spectrometry															
Be-7	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<18	<13	<11	<12	<12	<11
K-40	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<37	<33	<22	<22	281 ± 43	74 ± 18
Co-60	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<2.4	<2.2	<1.6	<1.6	<1.5	<1.3
Cs-134	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<2.3	<2.2	<1.8	<1.9	<1.7	<1.5
Cs-137	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<2.2	<1.7	<1.4	<1.5	<1.4	<1.1
Tl-208	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<2.5	<1.7	<1.5	<1.6	4.1 ± 1.3	<1.4
Pb-210	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<39	<24	<31	<32	<13	<33
Bi-212	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<29	<22	<18	<20	<19	<15
Pb-212	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<3.3	4.4 ± 1.8	<2.1	<2.1	15.1 ± 2.2	6.0 ± 1.5
Bi-214	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<5.1	<4.1	<3.3	<3.7	13.8 ± 2.8	10.3 ± 2.3
Pb-214	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<4.8	<3.5	6.7 ± 2.3	<3.3	14.9 ± 2.4	11.2 ± 2.0
Ra-224	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<46	<29	<29	<21	<38	<29
Ra-226	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<43	<27	<29	<31	<27	<24
Ac-228	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<9.0	<6.3	<5.8	<5.8	18.2 ± 3.9	<5.2
Pa-234m	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<290	<210	<190	<210	<160	<240
Th-234	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<47	<26	<40	<42	<40	<39
U-235	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<2.7	<1.7	<1.8	<1.9	<1.7	<1.5
Am-241	Bq.kg^{-1}	-	-	-	-	-	-	-	-	<3.4	<2.2	<2.8	<3.0	<3.2	<2.8

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				Client Reference:	OT_SB_05 SB05, CEFAS-RAD-2	OT_SB_05 SB05, CEFAS-RAD-6	OT_SB_06 SB06, CEFAS1	IT2_SB_01 SB03, CEFAS-RAD-7	IT2_SB_03 SB03, CEFAS1	IT2_SPT_03 SPT03, CEFAS1	IT2_SPT_03 SPT03, CEFAS-RAD-6	OT_SB_04 CEFAS-RAD-3	OT_SB_04 CEFAS-RAD-6	IT1_SB_05 CEFAS1
				SOCOTEC Ref:	0.0m	1.0m	0.1m	2.0m	0.0m	0.0m	1.00m	0.5m	2.0m	0.0m
				Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Determinand	**Units**	**LOD**	**CEFAS Action Level 1 Screening Value**	**CEFAS Action Level 2 Screening Value**										
Physical														
Total Solids	%	UKAS/MMO	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	% M/M	UKAS/MMO	-	-	-	-	-	-	-	-	-	-	-	-
Trace Metals					-	-	-	-	-	-	-	-	-	-
Arsenic (As)	mg/Kg (Dry Weight)	0.5	20	100	-	-	-	-	-	-	-	-	-	-
Cadmium (Cd)	mg/Kg (Dry Weight)	0.04	0.4	5	-	-	-	-	-	-	-	-	-	-
Chromium (Cr)	mg/Kg (Dry Weight)	0.5	40	400	-	-	-	-	-	-	-	-	-	-
Copper (Cu)	mg/Kg (Dry Weight)	0.5	40	400	-	-	-	-	-	-	-	-	-	-
Mercury (Hg)	mg/Kg (Dry Weight)	0.015	0.3	3	-	-	-	-	-	-	-	-	-	-
Nickel (Ni)	mg/Kg (Dry Weight)	0.5	20	200	-	-	-	-	-	-	-	-	-	-
Lead (Pb)	mg/Kg (Dry Weight)	0.5	50	500	-	-	-	-	-	-	-	-	-	-
Zinc (Zn)	mg/Kg (Dry Weight)	2	130	800	-	-	-	-	-	-	-	-	-	-
Organotins					-	-	-	-	-	-	-	-	-	-
Dibutyltin (DBT)	mg/Kg (Dry Weight)	0.001	0.1	1	-	-	-	-	-	-	-	-	-	-
Tributyltin (TBT)	mg/Kg (Dry Weight)	0.001	0.1	1	-	-	-	-	-	-	-	-	-	-
PAH & Total Hydrocarbon Content					-	-	-	-	-	-	-	-	-	-
Acenaphthene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[a]anthracene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[a]pyrene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[b]fluoranthene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[e]pyrene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[ghi]perylene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Benzo[k]fluoranthene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
C1-naphthalenes	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
C1-phenanthrene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
C2-naphthalenes	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
C3-naphthalenes	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Diben[ah]anthracene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Indeno[1,2,3-cd]pyrene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Perylene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/Kg (Dry Weight)	1	-	-	-	-	-	-	-	-	-	-	-	-
Total Hydrocarbon Content	mg/Kg	1	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)					-	-	-	-	-	-	-	-	-	-
PCB 101	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 105	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 110	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 118	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 128	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 138	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 141	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 149	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 151	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 153	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 156	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 158	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 170	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 18	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 180	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 183	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 187	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 194	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 28	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 31	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 44	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 47	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 49	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 52	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
PCB 66	mg/Kg (Dry Weight)	0.00008	-	-	-	-	-	-	-	-	-	-	-	-
Sum of ICES 7	mg/Kg (Dry Weight)	0.00008	0.01	-	-	-	-	-	-	-	-	-	-	-
Sum of 25 congeners	mg/Kg (Dry Weight)	0.00008	0.02	0.2	-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides					-	-	-	-	-	-	-	-	-	-
alpha-Hexachlorcyclohexane	mg/Kg (Dry Weight)	0.0001	-	-	-	-	-	-	-	-	-	-	-	-
beta-Hexachlorcyclohexane	mg/Kg (Dry Weight)	0.0001	-	-	-	-	-	-	-	-	-	-	-	-
gamma-Hexachlorcyclohexane	mg/Kg (Dry Weight)	0.0001	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	mg/Kg (Dry Weight)	0.0001	0.001	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/Kg (Dry Weight)	0.0001	-	-	-	-	-	-	-	-	-	-	-	-
p,p'-Dichorodiphenyldicloroethylene	mg/Kg (Dry Weight)	0.0001	-	-	-	-	-	-	-	-	-	-	-	-
p,p'-Dichorodiphenyltrichloroethane	mg/Kg (Dry Weight)	0.0001	0.001	-	-	-	-	-	-	-	-	-	-	-
p,p'-Dichorodiphenyldicloroethane	mg/Kg (Dry Weight)	0.0001	-	-	-	-	-	-	-	-	-	-	-	-

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				Client Reference:	OT_SB_05 SB05, CEFAS-RAD-2	OT_SB_05 SB05, CEFAS-RAD-6	OT_SB_06 SB06, CEFAS1	IT2_SB_01 SB03, CEFAS-RAD-7	IT2_SB_03 SB03, CEFAS1	IT2_SPT_03 SPT03, CEFAS1	IT2_SPT_03 SPT03, CEFAS-RAD-6	OT_SB_04 CEFAS-RAD-3	OT_SB_04 CEFAS-RAD-6	IT1_SB_05 CEFAS1
				SOCOTEC Ref:	0.0m	1.0m	0.1m	2.0m	0.0m	0.0m	1.00m	0.5m	2.0m	0.0m
				Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Determinand	**Units**	**LOD**	**CEFAS Action Level 1 Screening Value**	**CEFAS Action Level 2 Screening Value**										
Brominated Flame Retardants					-	-	-	-	-	-	-	-	-	-
BDE17	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE28	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE47	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE66	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE85	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE99	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE100	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE138	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE153	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE154	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE183	µg/Kg (Dry Weight)	0.02	-	-	-	-	-	-	-	-	-	-	-	-
BDE209	µg/Kg (Dry Weight)	0.1	-	-	-	-	-	-	-	-	-	-	-	-
Gamma Spectrometry														
Be-7	$Bq.kg^{-1}$	-	-	-	<9.8	<11	<26	<11	<13	<12	<14	<14	<11	<11
K-40	$Bq.kg^{-1}$	-	-	-	164 ± 29	169 ± 29	294 ± 65	199 ± 34	319 ± 50	282 ± 44	398 ± 60	269 ± 43	169 ± 29	81 ± 24
Co-60	$Bq.kg^{-1}$	-	-	-	<1.4	<1.3	<3.9	<31.5	<1.9	<1.6	<1.9	<1.8	<1.4	<1.7
Cs-134	$Bq.kg^{-1}$	-	-	-	<1.5	<1.4	<3.7	<1.4	<1.9	<1.6	<1.9	<1.7	<1.3	<1.6
Cs-137	$Bq.kg^{-1}$	-	-	-	<1.1	<1.2	<3.0	<1.3	<1.5	<1.3	<1.5	<1.6	<1.1	<1.3
Tl-208	$Bq.kg^{-1}$	-	-	-	<1.3	<1.3	<3.6	3.8 ± 1.1	5.5 ± 1.4	3.6 ± 1.1	8.1 ± 1.7	5.0 ± 1.5	<1.3	<1.4
Pb-210	$Bq.kg^{-1}$	-	-	-	<28	<30	<45	<31	<34	<30	<35	<32	<28	<27
Bi-212	$Bq.kg^{-1}$	-	-	-	<16	<16	<41	<18	<22	<18	<23	<20	<16	<18
Pb-212	$Bq.kg^{-1}$	-	-	-	5.5 ± 1.6	7.0 ± 1.6	17.8 ± 4.1	9.3 ± 2.2	17 ± 2.4	10.7 ± 1.9	21.8 ± 2.8	14.1 ± 2.3	5.2 ± 1.4	6.0 ± 1.4
Bi-214	$Bq.kg^{-1}$	-	-	-	5.7 ± 2.0	6.5 ± 2.1	<7.5	7.3 ± 2.3	10.3 ± 2.9	9.3 ± 2.5	17.0 ± 3.4	9.5 ± 2.7	<2.7	23.1 ± 3.4
Pb-214	$Bq.kg^{-1}$	-	-	-	6.3 ± 1.9	5.3 ± 2.0	12.7 ± 4.9	9.9 ± 2.3	12.8 ± 2.3	8.8 ± 2.3	17.8 ± 2.7	9.9 ± 2.2	6.4 ± 1.9	26.1 ± 2.9
Ra-224	$Bq.kg^{-1}$	-	-	-	<28	<27	<73	<33	<42	<35	<47	<39	<28	<18
Ra-226	$Bq.kg^{-1}$	-	-	-	<24	<24	<59	<26	<31	<26	<32	<30	<23	<19
Ac-228	$Bq.kg^{-1}$	-	-	-	<5.3	9.4 ± 3.7	<15	<5.9	18.6 ± 4.0	11.5 ± 4.3	22.0 ± 4.9	15.9 ± 4.1	<5.1	<6.2
Pa-234m	$Bq.kg^{-1}$	-	-	-	<140	<150	<420	<160	<190	<160	<180	<170	<140	<150
Th-234	$Bq.kg^{-1}$	-	-	-	<35	<34	<57	<37	<41	<36	<41	<39	<33	<32
U-235	$Bq.kg^{-1}$	-	-	-	<1.5	<1.5	<3.7	<1.6	<1.9	<1.6	<12.0	<1.9	<1.5	<1.2
Am-241	$Bq.kg^{-1}$	-	-	-	<2.6	<2.6	<4.1	<2.8	<3.3	<2.8	<3.4	<0.1	<2.5	<2.8

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

										Location	W28_7757	EX/1989011	W28_7332	W28_7327
										Sample ID	IT2_SB_02 SB02 ESWAC1-140719 0.00	IT2_SB_03 SB03 ESWAC1-080719 ES 1 0.00	IT2_SB_03 SB03 ESWAC2-080719 ES 2 19.50	OT_SB_04 OTSB04 ESWAC1 ES 1 4.50
										Depth	0m	0m	19.5m	4.5m
										Date	23/07/2019	16/07/2019	16/07/2019	16/07/2019
									Strata					
Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**		**Zone**				
Antimony	mg/l		0.005	7	0.001	0.003	0				0.002	0.002	0.002	0.001
Arsenic	mg/l		0.01	7	<0.0001	0.003	0				0.002	0.001	<0.001	<0.0001
Cadmium	mg/l		0.005	7	<0.0001	<0.001	0				<0.0001	<0.0001	<0.0001	<0.001
Chromium	mg/l		0.05	7	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001
Copper	mg/l		2	7	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001
Lead	mg/l		0.01	7	<0.001	0.012	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m			<0.001	<0.001	<0.001	0.012
Manganese	mg/l		0.05	7	<0.0001	0.015	0				0.003	0.015		<0.0001
Mercury	mg/l		0.001	7	<0.0001	0.001	0				<0.0001	<0.0001	<0.0001	0.001
Molybdenum	mg/l		0.07	7	<0.001	0.02	0				0.01	0.006	0.004	<0.001
Nickel	mg/l		0.02	7	0.001	0.008	0				0.001	<0.001	<0.001	0.008
Selenium	mg/l		0.01	7	<0.001	<0.002	0				<0.001	<0.001	<0.001	<0.002
Vanadium	mg/l		N/A	7	0.003	0.32	0				0.003	0.004		0.32
Zinc	mg/l		3	7	<0.002	24	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m			<0.002	<0.002	<0.002	24
Barium	mg/l		1.3	7	0.001	<0.01	0				<0.01	<0.01	<0.01	
Boron	mg/l		1	7	0.009	0.32	0				0.16	0.32		
Calcium	mg/l		N/A	7	<0.01	27	0				27	22		
Iron	mg/l		0.2	7	0.03	0.24	2	EX/1989011, IT2_SB_03 SB03 ESWAC1-080719 ES 1 0.00, 0m; W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m			0.04	0.24		0.23
Total Sulphur	mg/l		No WSV	7	49	148	0				49	59	64	64
Fluoride	mg/l		1.5	7	0.1	0.2	0				0.1	0.2	0.2	0.11
Ammoniacal Nitrogen	mg/l		0.39	7	<0.003	0.11	0				0.07	0.11		<0.003
Chloride	mg/l		250	7	<0.2	395	5	W28_7757, IT2_SB_02 SB02 ESWAC1-140719 0.00, 0m; EX/1989011, IT2_SB_03 SB03 ESWAC1-080719 ES 1 0.00, 0m; W28_7332, IT2_SB_03 SB03 ESWAC2-080719 ES 2 19.50, 19.5m; W28_6341, OT_SPT_02 OT-SPT2-ES-WAC2 24.00, 24m; W28_5179, IT1_SPT_03 SPT03-20190531 ES 1 8.00, 8m			289	316	349	<0.2
Chromium VI	mg/l		See Total Chromium	7	<0.003	<0.02	0				<0.003	<0.003		<0.02
Nitrate	mg/l		50	7	<<0.02	<0.2	0				<0.2	<0.2		<0.02
Cyanide (Free)	mg/l		See Cyanide (total)	7	<0.02	<0.02	0				<0.02	<0.02		<0.02
Cyanide (Total)	mg/l		0.05	7	<0.02	7.6	2	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m; W28_7327, OT_SB_04 OTSB04 ESWAC2 ES 2 4.50, 4.5m			<0.02	<0.02		7.4
Phenol	mg/l		0.05	7	<0.05	0.1	1	W28_7327, OT_SB_04 OTSB04 ESWAC2 ES 2 4.50, 4.5m			<0.05	<0.05	<0.05	
Sulphide	mg/l		No WSV	7	<0.01	328	0				<0.01	<0.02		
Dissolved Organic Carbon w	mg/l		No WSV	7	<0.05	30	0				2.7	3.7	2.3	
Conductivity uS/cm @ 25C	uS/cm		No WSV	7	4.6	1550	0				1190	1210	1330	
Total Dissolved Solids	mg/l		No WSV	7	680	1220	0				680	945	1040	
pH units	pH units		No WSV	7	7.3	949	0				7.7	8	7.8	

Assessment Criteria : *Drinking Water Standard England and Wales/WHO*

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** Drinking Water Standard

Constituents	Unit	Limit of Detection	Generic Assessment Criteria	Number of Samples	Minimum Value	Maximum Value	Number of Exceedences	Locations of Exceedences	W28_7327	W28_6341	W28_5179
									OT_SB_04 OTSB04 ESWAC2 ES 2 4.50	OT_SPT_02 OT-SPT2-ES-WAC2 24.00	IT1_SPT_03 SPT03-20190531 ES 1 8.00
									4.5m	24m	8m
									16/07/2019	28/06/2019	07/06/2019
Antimony	mg/l		0.005	7	0.001	0.003	0		0.002	0.002	0.003
Arsenic	mg/l		0.01	7	<0.0001	0.003	0		<0.0001	0.003	<0.001
Cadmium	mg/l		0.005	7	<0.0001	<0.001	0		<0.001	<0.0001	<0.0001
Chromium	mg/l		0.05	7	<0.001	<0.001	0		<0.001	<0.001	<0.001
Copper	mg/l		2	7	<0.001	<0.001	0		<0.001	<0.001	<0.001
Lead	mg/l		0.01	7	<0.001	0.012	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m		<0.001	<0.001
Manganese	mg/l		0.05	7	<0.0001	0.015	0		<0.0001	0.007	0.015
Mercury	mg/l		0.001	7	<0.0001	0.001	0		<0.001	<0.0001	<0.0001
Molybdenum	mg/l		0.07	7	<0.001	0.02	0		<0.001	0.02	0.01
Nickel	mg/l		0.02	7	0.001	0.008	0			0.002	<0.001
Selenium	mg/l		0.01	7	<0.001	<0.002	0		<0.002	<0.001	<0.001
Vanadium	mg/l		N/A	7	0.003	0.32	0			0.008	0.004
Zinc	mg/l		3	7	<0.002	24	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m		0.004	<0.002
Barium	mg/l		1.3	7	0.001	<0.01	0		0.001	<0.01	<0.01
Boron	mg/l		1	7	0.009	0.32	0		0.009	0.15	0.23
Calcium	mg/l		N/A	7	<0.01	27	0		<0.01	22	22
Iron	mg/l		0.2	7	0.03	0.24	2	EX/1989011, IT2_SB_03 SB03 ESWAC1-080719 ES 1 0.00, 0m; W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m		0.06	0.03
Total Sulphur	mg/l		No WSV	7	49	148	0		148	80	68
Fluoride	mg/l		1.5	7	0.1	0.2	0			0.2	0.2
Ammoniacal Nitrogen	mg/l		0.39	7	<0.003	0.11	0			0.07	0.02
Chloride	mg/l		250	7	<0.2	395	5	W28_7757, IT2_SB_02 SB02 ESWAC1-140719 0.00, 0m; EX/1989011, IT2_SB_03 SB03 ESWAC1-080719 ES 1 0.00, 0m; W28_7332, IT2_SB_03 SB03 ESWAC2-080719 ES 2 19.50, 19.5m; W28_6341, OT_SPT_02 OT-SPT2-ES-WAC2 24.00, 24m; W28_5179, IT1_SPT_03 SPT03-20190531 ES 1 8.00, 8m		395	287
Chromium VI	mg/l		See Total Chromium	7	<0.003	<0.02	0			<0.003	<0.003
Nitrate	mg/l		50	7	<<0.02	<0.2	0			<0.2	<0.2
Cyanide (Free)	mg/l		See Cyanide (total)	7	<0.02	<0.02	0			<0.02	<0.02
Cyanide (Total)	mg/l		0.05	7	<0.02	7.6	2	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m; W28_7327, OT_SB_04 OTSB04 ESWAC2 ES 2 4.50, 4.5m	7.6	<0.02	<0.02
Phenol	mg/l		0.05	7	<0.05	0.1	1	W28_7327, OT_SB_04 OTSB04 ESWAC2 ES 2 4.50, 4.5m	0.1	<0.05	<0.05
Sulphide	mg/l		No WSV	7	<0.01	328	0		328	<0.02	<0.02
Dissolved Organic Carbon w	mg/l		No WSV	7	<0.05	30	0		<0.05	30	15
Conductivity uS/cm @ 25C	uS/cm		No WSV	7	4.6	1550	0		4.6	1550	1190
Total Dissolved Solids	mg/l		No WSV	7	680	1220	0		1220	1210	930
pH units	pH units		No WSV	7	7.3	949	0		949	7.7	7.3

Assessment Criteria :	***Coastal and Estuarine EQS***		
CaCO (mg/l):	**0.00**	**pH**	**0.00**
Calcium (mg/l):	**0.00**	**DOC (mg/l)**	**0.00**
Catchment area:	**Freshwater not listed**		

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**		**Location**	W28_7757	EX/1989011	W28_7332	W28_7327
										Sample ID	IT2_SB_02 SB02 ESWAC1-140719 0.00	IT2_SB_03 SB03 ESWAC1-080719 ES 1 0.00	IT2_SB_03 SB03 ESWAC2-080719 ES 2 19.50	OT_SB_04 OTSB04 ESWAC1 ES 1 4.50
										Depth	0m	0m	19.5m	4.5m
										Date	23/07/2019	16/07/2019	16/07/2019	16/07/2019
									Strata					
										Zone				
Antimony	mg/l		N/A	7	0.001	0.003	0				0.002	0.002	0.002	0.001
Arsenic	mg/l		0.025	7	<0.0001	0.003	0				0.002	0.001	<0.001	<0.0001
Cadmium	mg/l		0.0002	7	<0.0001	<0.001	0				<0.0001	<0.0001	<0.0001	<0.001
Chromium	mg/l		See Cr VI as first pass	7	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001
Copper	mg/l		0.00376	7	<0.001	<0.001	0				<0.001	<0.001	<0.001	<0.001
Lead	mg/l		0.0013	7	<0.001	0.012	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m			<0.001	<0.001	<0.001	0.012
Manganese	mg/l		N/A	7	<0.0001	0.015	0				0.003	0.015		<0.0001
Mercury	mg/l		0.00007	7	<0.0001	0.001	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m			<0.0001	<0.0001	<0.0001	0.001
Molybdenum	mg/l		N/A	7	<0.001	0.02	0				0.01	0.006	0.004	<0.001
Nickel	mg/l		0.0086	7	0.001	0.008	0				0.001	<0.001	<0.001	0.008
Selenium	mg/l		N/A	7	<0.001	<0.002	0				<0.001	<0.001	<0.001	<0.002
Vanadium	mg/l		0.1	7	0.003	0.32	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m			0.003	0.004		0.32
Zinc	mg/l		0.0079	7	<0.002	24	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m			<0.002	<0.002	<0.002	24
Barium	mg/l		N/A	7	0.001	<0.01	0				<0.01	<0.01	<0.01	
Boron	mg/l		7	7	0.009	0.32	0				0.16	0.32		
Calcium	mg/l		N/A	7	<0.01	27	0				27	22		
Iron	mg/l		1	7	0.03	0.24	0				0.04	0.24		0.23
Total Sulphur	mg/l		No WSV	7	49	148	0				49	59	64	64
Fluoride	mg/l		5	7	0.1	0.2	0				0.1	0.2	0.2	0.11
Ammoniacal Nitrogen	mg/l		Not appropriate, see Unionised Ammonia	7	<0.003	0.11	0				0.07	0.11		<0.003
Chloride	mg/l		N/A	7	<0.2	395	0				289	316	349	<0.2
Chromium VI	mg/l		0.0006	7	<0.003	<0.02	0				<0.003	<0.003		<0.02
Nitrate	mg/l		N/A	7	<<0.02	<0.2	0				<0.2	<0.2		<0.02
Cyanide (Free)	mg/l		0.001	7	<0.02	<0.02	0				<0.02	<0.02		<0.02
Cyanide (Total)	mg/l		N/A	7	<0.02	7.6	0				<0.02	<0.02		7.4
Phenol	mg/l		0.0077	7	<0.05	0.1	1	W28_7327, OT_SB_04 OTSB04 ESWAC2 ES 2 4.50, 4.5m			<0.05	<0.05	<0.05	
Sulphide	mg/l		No WSV	7	<0.01	328	0				<0.01	<0.02		
Dissolved Organic Carbon w	mg/l		No WSV	7	<0.05	30	0				2.7	3.7	2.3	
Conductivity uS/cm @ 25C	uS/cm		No WSV	7	4.6	1550	0				1190	1210	1330	
Total Dissolved Solids	mg/l		No WSV	7	680	1220	0				680	945	1040	
pH units	pH units		No WSV	7	7.3	949	0				7.7	8	7.8	

Assessment Criteria : ***Coastal and Estuarine EQS***

CaCO (mg/l): 0.00 **pH** 0.00

Calcium (mg/l): 0.00 **DOC (mg/l)** 0.00 **Catchment area:** **Freshwater not listed**

Constituents	**Unit**	**Limit of Detection**	**Generic Assessment Criteria**	**Number of Samples**	**Minimum Value**	**Maximum Value**	**Number of Exceedences**	**Locations of Exceedences**	W28_7327	W28_6341	W28_5179
									OT_SB_04 OTSB04 ESWAC2 ES 2 4.50	OT_SPT_02 OT-SPT2-ES-WAC2 24.00	IT1_SPT_03 SPT03-20190531 ES 1 8.00
									4.5m	24m	8m
									16/07/2019	28/06/2019	07/06/2019
Antimony	mg/l		N/A	7	0.001	0.003	0		0.002	0.002	0.003
Arsenic	mg/l		0.025	7	<0.0001	0.003	0		<0.0001	0.003	<0.001
Cadmium	mg/l		0.0002	7	<0.0001	<0.001	0		<0.001	<0.0001	<0.0001
Chromium	mg/l		See Cr VI as first pass	7	<0.001	<0.001	0		<0.001	<0.001	<0.001
Copper	mg/l		0.00376	7	<0.001	<0.001	0		<0.001	<0.001	<0.001
Lead	mg/l		0.0013	7	<0.001	0.012	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m		<0.001	<0.001
Manganese	mg/l		N/A	7	<0.0001	0.015	0		<0.0001	0.007	0.015
Mercury	mg/l		0.00007	7	<0.0001	0.001	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m	<0.001	<0.0001	<0.0001
Molybdenum	mg/l		N/A	7	<0.001	0.02	0		<0.001	0.02	0.01
Nickel	mg/l		0.0086	7	0.001	0.008	0			0.002	<0.001
Selenium	mg/l		N/A	7	<0.001	<0.002	0		<0.002	<0.001	<0.001
Vanadium	mg/l		0.1	7	0.003	0.32	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m		0.008	0.004
Zinc	mg/l		0.0079	7	<0.002	24	1	W28_7327, OT_SB_04 OTSB04 ESWAC1 ES 1 4.50, 4.5m		0.004	<0.002
Barium	mg/l		N/A	7	0.001	<0.01	0		0.001	<0.01	<0.01
Boron	mg/l		7	7	0.009	0.32	0		0.009	0.15	0.23
Calcium	mg/l		N/A	7	<0.01	27	0		<0.01	22	22
Iron	mg/l		1	7	0.03	0.24	0			0.06	0.03
Total Sulphur	mg/l		No WSV	7	49	148	0		148	80	68
Fluoride	mg/l		5	7	0.1	0.2	0			0.2	0.2
Ammoniacal Nitrogen	mg/l		Not appropriate, see Unionised Ammonia	7	<0.003	0.11	0			0.07	0.02
Chloride	mg/l		N/A	7	<0.2	395	0			395	287
Chromium VI	mg/l		0.0006	7	<0.003	<0.02	0			<0.003	<0.003
Nitrate	mg/l		N/A	7	<<0.02	<0.2	0			<0.2	<0.2
Cyanide (Free)	mg/l		0.001	7	<0.02	<0.02	0			<0.02	<0.02
Cyanide (Total)	mg/l		N/A	7	<0.02	7.6	0		7.6	<0.02	<0.02
Phenol	mg/l		0.0077	7	<0.05	0.1	1	W28_7327, OT_SB_04 OTSB04 ESWAC2 ES 2 4.50, 4.5m	0.1	<0.05	<0.05
Sulphide	mg/l		No WSV	7	<0.01	328	0		328	<0.02	<0.02
Dissolved Organic Carbon w	mg/l		No WSV	7	<0.05	30	0		<0.05	30	15
Conductivity uS/cm @ 25C	uS/cm		No WSV	7	4.6	1550	0		4.6	1550	1190
Total Dissolved Solids	mg/l		No WSV	7	680	1220	0		1220	1210	930
pH units	pH units		No WSV	7	7.3	949	0		949	7.7	7.3

Sizewell C - Radiochemical Summary

	Lab report	S1962922	19-06724	19-0640	19-07039
	Sample	IT1_SPT_06 ES-WAC-1	IT1_SPT_03 ES-1	OT_SB_04 ESWAC1 ES1	IT2_SB_03 SB03 ESWAC1
	Depth	1.0m	8.0m	4.5m	0.0m
	Date	06/06/2019	31/05/2019	19/07/2019	08/07/2019
Determinand	**Unit**				
Gamma Spectrometry					
Be-7	Bq.kg^{-1}	<15	<8.9	<8.5	<11
K-40	Bq.kg^{-1}	<31	69 ± 18	94 ± 21	93 ± 22
Co-60	Bq.kg^{-1}	<2.0	<1.5	<1.4	<1.4
Cs-134	Bq.kg^{-1}	<2.0	<1.5	<1.4	<1.5
Cs-137	Bq.kg^{-1}	<1.8	<1.2	<1.2	<1.3
Tl-208	Bq.kg^{-1}	<1.9	2.75 ± 0.92	<1.4	<1.4
Pb-210	Bq.kg^{-1}	<33	<22	<31	<32
Bi-212	Bq.kg^{-1}	<23	<16	<16	<17
Pb-212	Bq.kg^{-1}	<2.6	5.4 ± 1.5	5.1 ± 1.6	4.7 ± 1.7
Bi-214	Bq.kg^{-1}	<4.5	15.2 ± 3.0	10.4 ± 2.5	9.1 ± 2.5
Pb-214	Bq.kg^{-1}	<4.1	18.8 ± 2.4	12.6 ± 2.1	8.3 ± 2.0
Ra-224	Bq.kg^{-1}	<25	<19	<29	<29
Ra-226	Bq.kg^{-1}	<36	<20	<26	<26
Ac-228	Bq.kg^{-1}	<7.0	<4.8	<5.2	<5.5
Pa-234m	Bq.kg^{-1}	<270	<150	<140	<160
Th-234	Bq.kg^{-1}	<42	<24	<37	<39
U-235	Bq.kg^{-1}	<2.3	<1.3	<1.6	<1.6
Am-241	Bq.kg^{-1}	<2.9	<2.0	<2.9	<3.0

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