

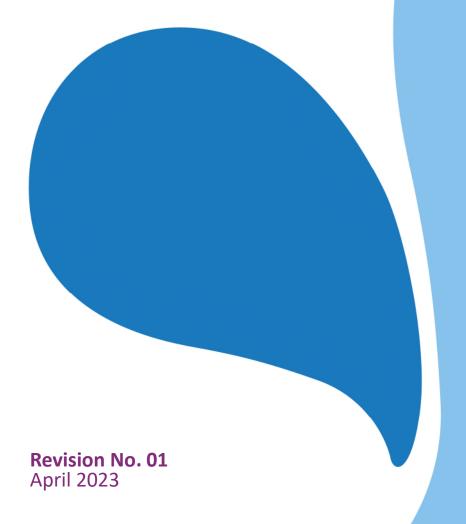
Cambridge Waste Water Treatment Plant Relocation Project Anglian Water Services Limited

## Appendix 14.3: Geoenvironmental Results – proposed WWTP

Application Document Reference: 5.4.14.3

PINS Project Reference: WW010003

APFP Regulation No. 5(2)a



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	9					DWS	UK DWS	EQS mg/l	EQS	SOIL	SOIL	SOIL	SOIL	SOIL
						mg/l	ug/l		ug/l	1.1	0.2	0.2	0.2	1.1
					Bottom			l		1.2	0.2	0.25	0.25	1.2
	_		Strata:					l		28-Jul-2021 WMCK	10-Aug-2021 MGR	16-Aug-2021 MGR	06-Sep-2021 MGR	44405 RTD
Determinand	Accred.	SOP	Type	Units	LOD					WINCE	WOR	MOR	WGK	KID
pH	U U	1010	2:1	Omics	N/A			-	-	8.5	8.2	7.2	8.9	8.3
Chloride	ŭ	1220	2:1	mg/l	1	250	250000	-	-	1.8	2	2.3	1.8	9.6
Fluoride	Ü	1220	2:1		0.05	1.5	1500	-	-	0.55	1.6	1.2	0.8	0.35
Ammoniacal Nitrogen	Ŭ	1220	2:1		0.05	0.38	380	0.2	200	0.11	0.67	0.061	0.075	0.15
Sulphate	Ü	1220	2:1	mg/l	1	250	250000	-	-	7.7	8.7	160	13	110
Cvanide (Total)	Ū	1300	2:1		0.05	-	-	-	-	< 0.050	< 0.050	< 0.050		< 0.050
Cvanide (Free)	U	1300	2:1		0.05	0.05	50	0.001	1	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Cyanide (Complex)	Ū	1300	2:1	mg/l		-		-	-	< 0.050	< 0.050	< 0.050	0.1	< 0.050
Calcium	U	1455	2:1	mg/l	2	250	250000	-	-	24	29	69	32	68
Magnesium	Ü	1455	2:1	mg/l	0.2	50	50000	-		0.76	0.72	2.7	1	3.2
Arsenic	Ü	1455	2:1	µg/l	0.2	0.01	10	0.05	50	0.34	2.8	1.8	0.003	6
Boron	U	1455	2:1	µg/l	10	1	1000	2	#	43	35	64	0.02	130
Barium	U	1455	2:1	µg/l	5	1300	###	-	-	< 5.0	6.3	53	0.019	11
Beryllium	U	1455	2:1	µg/l	1	-	-	-	-	< 1.0	< 1.0	< 1.0	< 0.001	<1.0
Cadmium	U	1455	2:1	µg/l	0.11	0.005	5	##	0.08	< 0.11	< 0.11	< 0.11	< 0.00011	<0.11
Chromium	U	1455	2:1	µg/l	0.5	0.05	50	-	-	< 0.50	0.97	< 0.50		1.9
Copper	U	1455	2:1	µg/l	0.5	2	2000	0.001	1	2.4	4.4	7	0.0072	15
Manganese	U	1455	2:1	µg/l	0.5	0.05	50	0.123	123	2.7	4.8	2	0.0013	1.5
Molybdenum	U	1455	2:1	µg/l	0.2	0.07	70	-	-	6.4	2.3	21	0.013	15
Nickel	U	1455	2:1	µg/l	0.5	0.02	20	0.004	4	< 0.50	2.3	3.8	0.0014	4.3
Lead	U	1455	2:1	µg/l	0.5	0.01	10	0.0012	1.2	< 0.50	1.4	< 0.50	< 0.0005	<0.5
Antimony	U	1455	2:1	µg/l	0.5	0.005	5	-	-	< 0.50	< 0.50	0.83	0.0013	3.8
Selenium	U	1455	2:1	µg/l	0.5	0.01	10	-	-	0.58	< 0.50	1.3	0.0012	1
Vanadium	U	1455	2:1	µg/l	0.5	-	-	-	-	0.55	3.9	2.3	< 0.0005	10
Zinc	U	1455	2:1	µg/l	2.5	5	5000	0.0109	10.9		< 2.5	< 2.5	< 0.003	2.5
Mercury Low Level	U	1460	2:1	µg/l	0.01	-	-	-	-	< 0.010	< 0.010	0.02		<0.01
Iron	N	1455	2:1	µg/l	5	0.2	200	1	#	< 5.0	1400	13	0.042	11
Chromium (Trivalent)	N	1490	2:1	µg/l	20	-	-	0.0047	4.7	< 20	< 20	< 20	< 20	<20
Low-Level Chromium (Hexavalent)	N	1495	2:1	µg/l	0.1	-	-	-	-	< 0.10	0.17	0.16	< 20	0.65
Total Organic Carbon	U	1610	2:1	mg/l	2	-	-	-	-	15	9.1	8.6	40.0000	19
Resorcinol	U	1920	2:1		0.005	-	-			<	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Phenol	U	1920	2:1		0.005	#	0.5	0.0077	7.7	<	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Cresols	U	1920	2:1		0.005	-		-	<u> </u>	<	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Xylenols	U	1920	2:1		0.005	-		-	-	<	< 0.0050	< 0.0050	< 0.0050	< 0.0050
1-Naphthol	N.	1920	2:1		0.005	-	-	-	<u> </u>	<	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Trimethylphenols	U	1920	2:1		0.005	-	-	-	-	<	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Total Phenols	U	1920	2:1	I ma/l	0.03	-	-	-	-	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030

Project E3384 Cambridge Waste t Relocation Client: Soil Engineering Secondros Ltd. Suddat on No. Order No.:				Chem	tect ob No:					Groundwater Infrastructure 21- 0931	infrastructure 21- 093	infrastructure 21- 0935	infrastructure 21-38515	infrastructure 21-38515	infrastructure 21-38515	infrastructure 21-3838	infrastructure 21-3838
Geosentions List Quidat on Na.: Order Na.:  Determinand PH Total Dissolved Sci ds				Chem						21- 0931	24- 002	21- 0935	21-38515	21,39515	21-38515	21-3838	21-3030
Order No.:  Deferminand A SH Total Dissolved Sol ds																	
					Samo e Ref.:					132 639 2	132 6 6	132 6 7	1312386	1312387	1312388	1311775	1311776
		_		Sampl	e Locaton: e Type:	UK DW8 mg/l	UK DW8 ug/l	EQ8 mg l	EQ8 ug/l	BH TUN 011 WATER	BH FE 001 WATER	BH FE 002 WATER	BH TUN 001A WATER	BH FE 001 WATER	BH FE 002 WATER	BH TUN 011 WATER	BH TUN 006 WATER
				Date 8	epth (m): sampled:					17-Nov-2021	17-Nov-2021	17-Nov-2021	03-Nov-21	03-Nov-21	03-Nov-21	02-Nov-21	2 02-Nov-21
	voored	80P	Unit	Strata	.00					WMCK/CBG	RTD	WMCK	RTD	SUPD	WMCK	WMCK	MGR RTD
		1010	mg/l	1	VA	-:-	-		- :	11.5 1000	7.9 910	720	8.3 980	910	90	11.7 1700	8.3 850
Alkalinity (Bicarbonate)		1220	mg CaCO3/I	1	0	-	-	-	-	22	80	350	350	10	230	25	0
Chloride Fluoride		1220 1220	mol		.05	250 1.5	250000 1500	-:-	-:-	51 0.57	190 0.25	95 0.19	120 0.33	210	93 0.25	7 0.7	1 0 0.22
Ammoniacai Nitrogen		1220 1220 1220	mg/l mg/l	0	.05 .5	0.38 11.295	380 11295	0.2	200	0 27	18	81	0 28 <0.5	0.27 <0.05	<0.05 65	0.51 11	0.66 8.3
Nitra e Sulphur Sulphate	=	1220	mg/l mg/l			250	250000	-:-	-:-	19 56	120	130	1 0	130	7	13	80
Cyanide (Free) Cyanide (Comp ex)		1300	mg/l mg/l		.05 .05		-	-:	-:	< 0.050 < 0.050	< 0.050	< 0.050 < 0.050	< 0.050 < 0.050	< 0.050 < 0.050	< 0.050 < 0.050	< 0.050 < 0.050	2 0 < 0.050 < 0.050
Caclum		1 55	mg/l	2		250	250000			100	2 0	180	150	220	160	92	210
Potassium Magnesium		1 55 1 55 1 55	mg/l mg/l		1.5	12 50 200	12000 50000 200000	-	-	< 0.20	6.7	6.1	1	7.1	6.3	<0.20	12
Total Hardness as CaCO3		1270	mg/l mg/l	1		-		-		260	620	70	160 30	590	30	230	570
Arsenic Boron Barlum		1 55 1 55	mo/		.01	0.01	10 1000	0.05	50 2000	0.0022 < 0.01	< 0 0002 0.07	< 0.0002 0.07	0.0007 0.17	0.0003	0.0003	0.0026 0.01	0.0015 0.25
Beryllum		1 55 1 55	mg/l	0	.005 .001	1300	1300000	-	- :	0.12 < 0.001	0.087 < 0.001	0.0 9 < 0.001	0.085 <0.001	0.081 <0.001	0.0 5 <0.001	0.097 <0.001	0.079 <0.001
Cadmium Copper		1 55	mg/1	0.000	5	0.005	2000	0.00008 0.001	0.08	< 0.00011	< 0.00011 0.0027	< 0.00011	< 0.00011 0 0022	< 0.00011	< 0.00011 0 0011	< 0.00011 0 015	0 00067
Mercury Manganese		1 55 1 55	mol	0.000	5	0.001 0.05	50	0.00007 0.123	0.07 123	< 0.00005 0.0011	< 0.00005	< 0.00005 0.0026 < 0.0002	< 0.00005 0.059	< 0.00005	< 0.00005 0.0069	<0.0005 <0.0005	<0.0005 0.86
Molybdenum Nickel		1 55	mg/l mg/l	0.000	2	0.07 0.02 0.01	70 20	0.00	-	0.062	0.0003	0.0039	0.0017 0.0082	0 0005	0.0006	0.006	0.0053
Lead Antimony		1 55	gil mgil	0 0000	5	0.01 0.005	10 5	0 0012	12	0 0068 0 00 8 < 0.0005	0 0016 < 0 0005	< 0.0005	< 0.0005	< 0.0005 < 0.0005	< 0.0005 < 0.0005	<0.0005 <0.0005	<0.0005 0.001
Se enium Vanadium		1 55 1 55		0.000	5	0.01	10	-		0.013 0.012	0.003 < 0.0005	0.003	0.0011	0.00 < 0.0005	0.00 1 < 0.0005	0.01 0.01	0.0025 0.0011
Zinc Iron		1 55	mg/l	0	.002	5	5000 200	0.0109	10.9	0.006 0.19	0.006	0.008	0.003	<0.003 <0.005	< 0.005 < 0.005	<0.003 0.2	0.006 0.019
Chromium (Trivalent) Chromium (Hexavalent)		1 90	mg/l		1.005 1.02 1.02	-	-	0.00 7 0.003	.7 3	(B) 9 4 (B) < 0.020	[B] < 0.020 [B] < 0.020	(B) < 0.020 (B) < 0.020	0.02	<0.02	0.02	13	<0.02 <0.02
Aliphatic TPH >C5-C6		1675	µg/l	0	.1	0.01	10	-	-	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Alphatic TPH >C6-C8 Alphatic TPH >C8-C10		1675	ual ugi		1	0.01 0.01	10	:	- :	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Alphatic TPH >C10-C12 Alphatic TPH >C12-C16		1675	ugi ugi	-	.1	0.01 0.01 0.01	10	:	-	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Aliphatic TPH >C16-C21 Aliphatic TPH >C21-C35		1675 1675	ugi ugi	0	.1 .1	0.01 0.01	10 10	-	-	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 1 0	< 0.10 70	< 0.10 230	< 0.10 370	< 0.10 200
Allphatic TPH >C35-C Total Allphatic Hydrocarbons		1675 1675 1675	lou lou	5	.1	-		- :	- :	< 0.10 < 5.0	< 0.10 < 5.0	< 0.10 < 5.0	< 0.10 1 0 < 0.10	<0.10 70 <0.10	<0.10 230 <0.10	< 0.10 < 0.10	< 0.10 < 0.10
Aromatic TPH >C5-C7 Aromatic TPH >C7-C8		1675 1675	µg/l µg/l	0	.1 .1	0.01 0.01	10	0.01 0.07	10 7	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Aromatic TPH >C8-C10 Aromatic TPH >C10-C12		1675 1675	ugi ugi	0	.1	0.01 0.01	10	-:	-:	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Aromatic TPH >C12-C16 Aromatic TPH >C16-C21		1675 1675	uol lou	0	.1	0.01 0.01	10	-:-	-:-	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Aromatic TPH >C21-C35 Aromatic TPH >C35-C		1675 1675	ugi Igu		11	0.01 0.01	10	-:	-:-	< 0.10 < 0.10	< 0.10 < 0.10	93	< 0.10 < 0.10	< 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Total o a ic H d oca o s Total Petro eum Hydrocarbons		1675	µg/l	5		-	-	-	-:	<50 <10	<50 <10	93	<50 1.0	<50 70	8 280	< 5 0 370	< 5 D 200
Dichlorod fluoromethane		1760	ugi ligu			-		-	-	<1.0	<1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<10
Chloromethane Vinyl Chlorde		1760 1760	uol pol		_	0.0005	0.5	-	-	<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	<10 <10
Bromomethane Chloroethane		1760 1760	µg/l µg/l	2	5	-	-	-	-:	< 2.0	< 5 < 2.0	<5 <2.0	<2.0	< 2.0	<5 <2.0	< 5 < 2.0	<5 <20
Tr chiorofluoromethane 1,1-Dichioroethene		1760 1760	µg1	-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	<10 <10
Trans 1.2-Dich oroethene 1,1-Dichloroethane		1760 1760	ual ugi	-		-:	:	-	-	<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	<10 <10
cls 1 2-Dichloroethene Bromochloromethane		1760 1760	Pgt Pgt	1	5	-:	-	-	-:-	<1.0 <5	<1.0 <5	<1.0 <5	<1.0	<1.D <5	< 1.0 < 5	< 1.0 < 5	< 10 < 5
Trichloromethane 1,1,1-Trichloroethane		1760 1760	µg/l µg/l	1		-:	-:	0.1	100	<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	<10 <10
Tetrach gromethane 1.1-Dichlorgorgoene		1760	uol Iou			-:	-:-	-:-	- :	<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	<10 <10
Benzene 1,2-Dichioroethane		1760 1760 1760	ugil ligu	-		0.001	1	0.01	10 10 10	<1.0 <2.0	<1.0	<1.0 <2.0	<1.0 <2.0	<1.0 <2.0	<1.0 <2.0	< 1.0 < 2.0	<10 <20
Tr chloroethene 1,2-Dichloropropane	=	1760 1760	ugi ugi	1		0.003 0.01 0.0	10	0.01 0.01	10	<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	<10 <10
Dibromomethane		1760	ual			-	-	-	-	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Bromodich oromethane cis-1,3-Dichloropropene		1760 1760	uol ugl	1	0	0.06 - 0.7	-	0.07		<10	< 5 < 10	<5 <10	<10	< 5 < 10 < 1.0	< 5 < 10	< 5 < 10 < 1.0	< 10 < 10
Toluene Ta s-1 3-Dic oo o e e		1760 1760	ugi ligu			-	700		- 00	<1.0 <10	<1.0 <10	<1.0 <10	<1.0 <10	<10	< 1.0 < 10	< 10	< 10
1,1,2-Trich oroethane Tetrach oroethene		1760 1760	ugi ugi		U	0.01	10	0. 0.01	10	< 10 < 1.0	<10	<10 <1.0	<10 <1.0	<10	< 10 < 1.0	< 10 < 1.0	< 10 < 10
1.3-Dichioropropane Dibromoch oromethane 1,2-Dibromoethane		1760 1760	ual ugi	1	0	0.1 0.000	100	÷	-	< 2.0 < 10	<2.0 <10	< 2.0 < 10	< 2.0 < 10	< 2.0 < 10	< 2.0 < 10	< 20 < 10	< 20 < 10
Chlorobenzene		1760	ugi Igu		5	0.000	O. -	-	-	< 1.0	< 5 < 1.0	<5 <1.0	<1.0	< 1.0	< 5 < 1.0	< 5 < 1.0	<5 <10
1,1,1,2-Tetrachioroethane Ethylbenzene		1760 1760	Pg/I Pg/I	1		0.3	300	-	- : -	<2.0 <1.0	<2.0 <1.0	<2.0 <1.0	<2.0 <1.0	<2.0 <1.0	< 2.0 < 1.0	< 2.0 < 1.0	<20 <10
m & p-Xviene o-Xviene		1760 1760	ual ugi			-	-	0.01 0.01	10 10	<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	<10 <10
Styrene Tribromomethane		1760 1760	pg/l Pg/l	1		0.02	20	-		<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	<10 <10
Isopropylbenzene Bromobenzene		1760 1760	µg/l µg/l	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	<10 <10
1.2.3-Trich oroorooane N-Proov/benzene		1760	lou lou	5	0	-	-	-		< 50 < 1.0	< 50 < 1.0	<50 <1.0	< 50 < 1.0	< 50 < 1.0	<50 <1.0	< 50 < 1.0	< 50 < 10
2-Chloroloiuene 1,3,5-Trimethylberizene		1760 1760 1760	ugi ligu	- 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	<10 <10
-Chiarobiuene Tert-Butylbenzene		1760 1760		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	<10 <10
1.2Trimethylbergene		1760 1760	ual ual			:	:	:	-:-	<1.0 <1.0	<1.0	<1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	< 1.0 < 1.0	<10 <10
Sec-But/Ibenzene 1,3-Dichlorobenzene -Isopropytoluene		1760 1760	ugi Teu			:	: -	-	- :	<1.0 <1.0	<1.0	<1.0 <1.0	<1.0 <1.0	<1.0	<1.0 <1.0	< 1.0 < 1.0	<10 <10
1 -Dic lo o e ze e N-Butybenzene		1760 1760	µg/l	1		03	300	:		<1.0 <10 <1.0	<10 <10	<10 <10	<10 <10	<10	<1.0 <10 <1.0	< 1.0 < 1.0 < 1.0	<10 <10 <10
1.2-Dichlorobenzene		1760	ugi ugi ugi			1 0004	1000	-	-	<1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0	< 1.0	<10
1.2-Dibromo-3-Chiorocropane 1.2, -Trich orobenzene		1760 1760	JUD 1	1		0.001	1			< 50 < 1.0	< 50 < 1.0	<50 <1.0	< 50 < 1.0	< 50 < 1.0	< 50 < 1.0	< 50 < 1.0	< 50 < 10
1,2,3-Trich orobenzene		1760 1760	ugi ugi	2		0.0006	0.6	0.0001	0.1	<1.0 <2.0	<1.0 <2.0	<1.0 <2.0	<1.0 <2.0	<1.0 <2.0	<1.0 <2.0	< 1.0 < 2.0	<10 <20
Methyl Tert-Butyl Ether Naphthalene		1760 1800	ugi ligu	0	.1	:	-	0.002	2	< 1.0 < 0.10	< 0.10	< 1.0 < 0.10	< 1.0 < 0.10		< 1.0 < 0.10	< 1.0 < 0.10	< 1.0 < 0.10
Acenaphthviene Acenaphthene		1800	ual ugl	0	.1 .1	-:	-	-		< 0.10 < 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Fluorene Phenanthrene		1800	ugi ugi	0	l.1	-	<u> </u>	<u>:</u>		< 0.10 < 0.10	< 0.10	< 0.10	< 0.10 < 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Anthracene Fluoranthene		1800 1800	µg/l µg/l	0	l.1	0.000038	0.038	0.0001 ####	0.1 0.0063	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Pyrene		1800	lou fou	0	1	-:	:	-		< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10	< 0.10 < 0.10 < 0.10	< 0.10
Benzofalanthracene Chrysene Benzofbijfluoranthene		1800	191 191	0	11	0.001	1	-:-	- :	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	<0.10 <0.10 <0.10	< 0.10 < 0.10	< 0.10 < 0.10
Benzojkj luoranthene Benzojajpyrene	$\dashv$	1800	µg/l	0	.1	0.001 0.00001	1 0.01		-	< 0.10 < 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Indeno(1,2,3-c,d)Pyrene		1800	ual	0	.1	0.0001	0.1	-	-	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenzia h)Anthracene Benzoig h, ]perylene Total Of 16 PAH's		1800	ual ugi		1	0.001	1	-	-	< 0.10 < 0.10 < 2.0	< 0.10 < 0.10	< 0.10 < 0.10	<0.10 <0.10 <2.0	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Reso di ol		1920	1001 01	0 005		-	0.5		7.7	< 0.0050	< 0.0050	<0.0050 <0.0050	< 0 0050	< 0 0050	< 2.0 < 0.0050	< 2.0 < 0.0050	< 2.0 < 0.0050
Phenol Cresols Xvieno s		1920 1920	mol	0.005		0.0005	-	0.0077	- 1.7	< 0.0050 < 0.0050	< 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050
1-Naphthol		1920 1920	l moi	0.005		-		-:-	- :	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050
Trimethylphenois Total Phenois		1920 1920 1920	mg/l mg/l	0.005	.03	-:	-	-:-		< 0.0050 < 0.030	< 0.0050	< 0.0050 < 0.030	< 0.0050 < 0.030	< 0.0050 < 0.030	< 0.0050 < 0.0050 < 0.030	< 0.0050 < 0.0050 < 0.030	< 0.0050 < 0.030

Project: E8384 Cambridge Wast	e Water	naime	of Plant												
Relocation		-							core	core	core	core	core	core	core
Client: Soil Engineering Geoservices Ltd Custat on No.:				Chemiest ob No : Chemiest Sample ID :					21- 0932 132 6 0	21- 09 0 132 663	21- 09 1 132 66	21- 09 3 132 669	21- 09 132 670	21- 09 5 132 671	21- 09 6 132 672
Order No.:				C lent Samo e Ref: Sample Location:					1 BH STW 026	1	1 BH STW 009	1 BH STW 015	1 BH STW 023	1 BH STW 02	1 BH STW 025
				Sample Type: Top Depth (m):	UK DW8 mg/l	UK DW8 ug/l	EQ8 mg l	EQ8 ug/l	WATER 8	WATER 8	WATER 10	WATER 10	WATER 10	WATER 10	WATER 8
				Date Sampled: Strata					19-Nov-2021 WMCK	18-Nov-2021 WMCK	18-Nov-2021 WMCK	19-Nov-2021 WMCK	18-Nov-2021 WMCK	18-Nov-2021 WMCK	18-Nov-2021 WMCK
Deferminand pH	Accred	80P 1010	Unit	LOD N/A					*	#	8	*	*	#	#
Total Dissolved Sol ds Alkalinity (Bicarbonate)		1020	ma	10			-			#	#	- :	:	**	
Chloride		1220	moil	1	250	250000		-	#	#	# 51	:	# 58	#	# 87
Fluoride Ammoniacai Nitrogen		1220	mol mg/l	0.05 0.05	1.5 0.38	1500 380 11295	0.2	200	0.15 0.66 < 0.50	0.12	0.15	0.13 0.16	0.1 0.1	0.13 0.17	0.1 0.23
Nitra e Sulphur Sulphate		1220 1220 1220 1220	mg/l mg/l	0.5 1	11.295	11295 - 250000			* 0.50 #	:	0.53 2 73	-	23 31 9	*	# 57
Cyanide (Free) Cyanide (Complex)		1300	mg/l	0.05	-	-			٠	0.05	< <	< <	< 0.050 < 0.050	· · ·	< <
Ca clum Potassium		1 55 1 55 1 55	mg/l	2 0.5	250 12	250000 12000	- :	- :	#	#	# 12	# 7	# 7	#	# #
Magnesium Sodium		1 55	mg/l	1.5	12 50 200	50000 200000	-:	-:-	**	#	# 18	# 7	# 19	**	# 22
Total Hardness as CaCO3 Arsenic		1270 1.55 1.55		15 0.0002	0.01	10	0.05	50 2000	*	*	< 0.0002	< 0.0002	0.0002	< 0.0002	* 0.0002
Boron Barlum		1 55 1 55	mg/l	0.01 0.005 0.001	1300	1000 1300000		- 2000	0.0 0.15	0.0 0.12	0.05	0.03 0.1	0.0 0.11 < 0.001	0,0 0,11	0.0 0.11
Beryllum Cadmium Copper		1 55	mol		0.005	5 2000	0.00008	0.08	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011 0.0006
Mercury Manganese		1 55 1 55	mo/l	0.00005	0.001 0.05	1 50	0.00007 0.123	0.07 123	< 0.00005 0.0 7	< 0.00005 0.03	< 0.00005 0.031	< 0.00005 0.02	< 0.00005 0.017	< 0.00005 0.03	< 0.00005 0.037
Molybdenum Nickel		1 55	mo/l	0.0002 0.0005	0.07	70 20	0.00	-	# 0.001	*	0.0005	- :	0.0003	0.0002	0.0003
Lead Antimony		1 55	g/l mg/l	0.0005	0.005	10 5	0 0012	12	< 0.0005	< 0.0005	< 0.0005 < 0.0005	< 0.0005 < 0.0005	< 0.0005 < 0.0005	< 0.0005 < 0.0005	< 0.0005 < 0.0005
Se enium Vanadium		1 55	mol	0.0005 0.0005	0.01	10		-	< 0.0005 < 0.0005	< 0.0005 < 0.0005	< 0.0005 < 0.0005	< 0.0005 < 0.0005	< 0.0005 < 0.0005	< 0.0005 < 0.0005	< 0.0005 < 0.0005
Zinc iron Chromium (Trivalent)		1 55 1 55 1 90	mol mol	0.002 0.005 0.02	5 0.2	5000 200	0.0109 1 0.00 7	10.9 1000 .7	0.01 < [B] < 0.020	(B) <	0.00 < [B] < 0.020	0.008 < [B] 6.7	0.005 < 0.005 [B] 0.68	0.009 < [B] 3.8	0.00 < [B] < 0.020
Chromium (Hexavalent) Aliphatic TPH >C5-C6		1 90	mg/l	0.02 0.1	0.01	10	0.003	3.	[B] < 0.020 < 0.10	[B] <	[B] < 0.020 < 0.10	[B] < 0.020 < 0.10	[B] < 0.020 < 0.10	[B] < 0.020 < 0.10	[B] < 0.020 < 0.10
Aliphatic TPH >C6-C8 Aliphatic TPH >C8-C10		1675 1675	ual leu	0.1 0.1	0,01 0.01	10		-	< 0.10 < 0.10	< <	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Aliphatic TPH >C10-C12 Aliphatic TPH >C12-C16		1675	ugi ugi	0.1	0.01 0.01	10	-	-	< 0.10	<	< 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10
Aliphatic TPH >C16-C21 Aliphatic TPH >C21-C35 Aliphatic TPH >C35-C		1675 1675	l pgrl	0.1 0.1 0.1	0.01 0.01	10 10			< 0.10 < 0.10	< <	< 0.10 < 0.10 < 0.10	<0.10 <0.10 <0.10	<0.10 <0.10 <0.10	<0.10 <0.10 <0.10	<0.10 <0.10
Total Allohatic Hydrocarbons Aromatic TPH >C5-C7		1675 1675 1675	ual ugl	5 0.1	0.01	10	0.01	10	<0.10 <5.0 <0.10	< 5.0	< 5.0 < 0.10	< 5.0 < 0.10	< 5.0 < 0.10	< 5.0 < 0.10	< 0.10 < 5.0 < 0.10
Aromatic TPH >C7-C8 Aromatic TPH >C8-C10		1675	ligu ligu	0.1	0.01 0.01	10 10 10	0.07	7	< 0.10	٠ .	< 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Aromatic TPH >C10-C12 Aromatic TPH >C12-C16		1675 1675	ug/l ug/l	0.1 0.1	0.01	10 10	-	-	< 0.10 < 0.10	<	< 0.10 < 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Aromatic TPH >C16-C21 Aromatic TPH >C21-C35 Aromatic TPH >C35-C		1675 1675 1675	ual ugi	0.1 0.1 0.1	0.01 0.01 0.01	10 10 10	:	- :	< 0.10 < 0.10	٠	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Total o a ic H diocal o s Total Petro eum Hydrocarbons		1675 1675	light	5	-	-			<0.10 <50 <10	< 50 < 10	< 0.10 < 5 0 < 10	< 0.10 < 5.0 < 10	<0.10 <50 <10	< 0.10 < 5 0 < 10	< 0.10 < 5.0 < 10
Dichlorod fluoromethane Chloromethane		1760 1760	ual	1	:		-:-	-:	<1.0 <1.0	< 1.0 < 1.0	<10 <10	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	< 1.0 < 1.0
Vinyl Chior de Bromomethane		1760 1760 1760	l ug/l	1 5	0.0005	0.5	- :	-:	<1.0	< 1.0	<10	< 1.0	<1.0	<1.0	< 1.0
Chioroethane Trichiorofluoromethane		1760	pg/l	1	:		-:	-	<2.0 <1.0	< 2.0 < 1.0	<20 <10	< 2.0 < 1.0	<2.0 <1.0	<2.0 <1.0	< 2.0 < 1.0
1,1-Dichioroethene Trans 1.2-Dich oroethene		1760	ual	1	-	-	-	-	<1.0 <1.0	< 1.0 < 1.0	<10 <10	< 1.0 < 1.0	<1.0 <1.0	<1.0 <1.0	< 1.0 < 1.0
1,1-Dichioroethane cis 1 2-Dichioroethene Bromochioromethane		1760 1760 1760	l pgl lgq lgq	1	-	-	-	-	<1.0 <1.0	< 1.0 < 1.0	<10 <10	< 1.0 < 1.0	< 1.0 < 1.0	<1.0 <1.0	< 1.0 < 1.0
Trichloromethane 1,1,1-Trich oroethane		1760 1760	µg/l	1	:		0.1	100	<1.0 <1.0	< 1.0 < 1.0	<10 <10	< 1.0 < 1.0	<1.0 <1.0	<1.0 <1.0	< 1.0 < 1.0
Tetrach oromethane 1.1-Dichioropropene		1760 1760	uo1	1	:	-	-:	- :	<1.0 <1.0	< 1.0 < 1.0	<10 <10	< 1.0 < 1.0	<1.0 <1.0	<1.0 <1.0	< 1.0 < 1.0
Berizene 1,2-Dichloroethane Trichloroethene		1760 1760 1760	ugi ligu	2	0.001 0.003 0.01	1 3 10	0.01 0.01 0.01	10 10 10	<1.0 <2.0 <1.0	< 1.0 < 2.0 < 1.0	<10 <20 <10	< 1.0 < 2.0 < 1.0	<1.0 <2.0 <1.0	<1.0 <2.0 <1.0	< 1.0 < 2.0 < 1.0
1,2-Dichioropropane Dibromomethane		1760 1760	l pg/l	1 10	0.0	0			<1.0 <10	< 1.0 < 10	<10 <10	< 1.0 < 10	<1.0 <1.0	<1.0 <10	< 1.0 < 1.0 < 10
Bromodich oromethane cls-1,3-Dichloropropene		1760 1760	ual	5	0.06	60	-:	-:-	< 10	< 10	< 10	< 10	<10	<10	< 10
Toluene Tas-13-Dicoooee		1760 1760	l µgi	10	0.7	700	0.07	7	<1.0 <10	< 1.0 < 10	<10 <10	< 1.0 < 10	<1.0 <10	<1.0 <10	< 1.0 < 10
1,1,2-Trich oroethane Tetrach groethene		1760	uol	10	0.01	10	0. 0.01	10	<10 <1.0 <2.0	< 10 < 1.0 < 2.0	<10 <10 <20	< 10 < 1.0 < 2.0	<10 <1.0 <2.0	<10 <1.0 <2.0	< 10 < 1.0 < 2.0
1.3-Dichloropropane Dibromoch oromethane 1,2-Dibromoethane		1760 1760 1760	l ual leu leu	10	0.1	100	-		< 10	< 10	< 10	< 10	<10	<10	< 10
Chlorobenzene 1,1,1,2-Tetrachloroethane		1760 1760	l pgl	1 2	-:	-:	-:	-:	<1.0 <2.0	< 1.0 < 2.0	<10 <20	< 1.0 < 2.0	<1.0 <2.0	<1.0 <2.0	<1.0 <2.0 <1.0
Ethylbenzene m & p-Xviene		1760 1760	l pg/	1	0.3	300	0.01	10	<1.0 <1.0	< 1.0 < 1.0	<10 <10	< 1.0 < 1.0	<1.0 <1.0	<1.0 <1.0	< 1.0
o-Xylene Styrene Tribromomethane		1760 1760	l pgl	1	0.02	20	0.01	10	<1.0 <1.0 <1.0	< 1.0 < 1.0 < 1.0	<10 <10 <10	< 1.0 < 1.0 < 1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	< 1.0 < 1.0 < 1.0
Tribromomethane Isopropylbenzene Bromobenzene		1760 1760 1760	l pgl lgu l	1					<1.0 <1.0 <1.0	< 1.0 < 1.0 < 1.0	<10 <10 <10	< 1.0 < 1.0 < 1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	< 1.0 < 1.0 < 1.0
1.2.3-Trich oroorooane N-Proovibenzene		1760 1760	uol uol	50	-	-:	-	-	< 50 < 1.0	< 50 < 1.0	< 50 < 10	< 50 < 1.0	< 50 < 1.0	< 50 < 1.0	< 50 < 1.0
2-Chlorotoluene 1,3,5-Trimethylbenzene		1760 1760	l pgl	1	-	-	-		<1.0 <1.0	< 1.0 < 1.0	<10 <10	< 1.0 < 1.0	<1.0 <1.0	<1.0 <1.0	< 1.0 < 1.0
-Chlorobiuene Tert-Buty/benzene		1760 1760	l pgl	1					<1.0 <1.0	< 1.0	<10 <10	< 1.0 < 1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0
1.2Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene		1760 1760 1760	l ug/l	1	-				<1.0 <1.0 <1.0	< 1.0 < 1.0 < 1.0	<10 <10 <10	< 1.0 < 1.0 < 1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	< 1.0 < 1.0 < 1.0
-isopropytoluene 1 -Dic lo o e ze e		1760 1760 1760 1760	l pgl	1	- 03	300	-	:	<1.0 <10	<1.0 <10	<10 <10	<1.0 <10	<1.0 <10	<1.0 <10	<1.0 <10
N-Butylbenzene 1.2-Dichlorobenzene		1760	l ug/l	1	1	1000	-		<1.0 <1.0	< 1.0 < 1.0	<10 <10	< 1.0 < 1.0	<1.0 <1.0	<1.0 <1.0	< 1.0 < 1.0
1,2-Obromo-3-Chioropropane 1,2, -Trich oroberszene		1760 1760		1	0.001 - 0.0006	1 - 0.6	0.0001	0.1	< 50 < 1.0 < 1.0	< 50 < 1.0 < 1.0	< 50 < 10 < 10	< 50 < 1.0 < 1.0	< 50 < 1.0 < 1.0	<50 <1.0 <1.0	< 50 < 1.0 < 1.0
Hexach orobutad ene 1,2,3-Trich orobenzene Methyl Tert-Butyl Ether		1760 1760 1760	l pgl	2	-	-	-:	-	< 1.0 < 2.0 < 1.0	< 1.0 < 2.0 < 1.0	<10 <20 <10	< 1.0 < 2.0 < 1.0	<1.0 <2.0 <1.0	<1.0 <2.0 <1.0	< 1.0 < 2.0 < 1.0
Naphthalene Acenaphthylene		1800	l pg/	0.1 0.1		-	0.002	2	< 0.10 < 0.10	< <	< 0.10	< 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Acenaphthene Fluorene		1800 1800 1800	l pgl	0.1 0.1 0.1 0.1	:			-:-	< 0.10 < 0.10 < 0.10	< <	< 0.10 < 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10	<0.10 <0.10 <0.10	< 0.10	< 0.10 < 0.10 < 0.10
Phenanthrene Anthracene Shoronthana		1800	µg/l	0.1	- 0.000000		0.0001	0.1	< 0.10	< <	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene Pyrene Benzofalanthracene		1800 1800 1800	ual	0.1 0.1 0.1 0.1	0.000038	0.038	-	0.0063	< 0.10 < 0.10 < 0.10	< <	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10
Chrysene Benzolbilluoranthene		1800		0.1 0.1	0.001	1	:	:	< 0.10 < 0.10 < 0.10	< <	< 0.10 < 0.10 < 0.10	<0.10 <0.10 <0.10	<0.10 <0.10 <0.10	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10
Benzo(k) luoranthene Benzo(a)pyrene		1800	l pgl	0.1 0.1	0.001	1 0.01	*****	-	< 0.10 < 0.10	< <	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Indeno(1,2,3-c,d)Pyrene Dibenzia.h)Anthracene		1800	uol uol	0.1 0.1 0.1	0.0001	0.1		- :	< 0.10 < 0.10	<	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Benzo(g.h, )perylene Total Of 16 PAH's Reso d ol		1800 1800 1920	l pgl	0.1 2 0.005	0.001	1		-	< 0.10 < 2.0 < 0.0050	< 2.0 < 0.0050	< 0.10 < 2.0 < 0.0050	< 0.10 < 2.0 < 0.0050	< 0.10 < 2.0 < 0.0050	<0.10 <2.0 <0.0050	< 0.10 < 2.0 < 0.0050
Phenol Cresols		1920	mg/l	0.005 0.005	0.0005	0.5	0.0077	7.7	< 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050 < 0.0050	< 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050
Xvieno s 1-Naphthol		1920 1920	mol mg/l	0.005 0.005	:		-:	:	< 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0.0050 < 0.0050
Trimethylphenois Total Phenois		1920 1920	mg/l	0.005	:	-	<del></del>	-:	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050 < 0.030	< 0.0050	< 0.0050

Project: E8384 Cambridge Wast Relocation	e Water reatme	nt Plant						Quy Fen ma n po	Surface water All cky Fe m Ponc	Black d tch
Client: Soil Engineering Geoservices Ltd			Chemitest ob No:					21- 09 9	21- 0950	21- 0952
Geosentices Ltd Guotat on No.: Order No.:			Chemtect Sample ID : Clent Sample Ref.:					132 689	132 690	132 693
			Sample Location: Sample Type:	UK DW8 mg/l	UK DW8 ug/l	EQ8 mg l	EQ8 ug/l	SW01 WATER	SW02 WATER	SW03 WATER
			Top Depth (m): Date Sampled:					0		
Determinand	Accred SOP		Strata LOO				_	n/a	n/a	n/a
pH Total Dissolved Sol ds	1010	mg/l	N/A 1	-	-	- :	-	8. 590	8. 650	8.2 790
Alkalinity (Bicarbonate) Chloride	1220	CaCO3/I	10	250	250000	-	-	230 89	380 120	10
Fluoride Ammoniacai Nitrogen	1220	mo/1	0.05 0.05	1.5 0.38	1500 380	0.2	200	0.18	0.21	0.17
Nitra e Sulphur	1220 1220 1220	mg/l mg/l	0.5	11.295	11295	-:-	- :	< 0.50 33	< 0.50 0	3
Sulphate Cyanide (Free)	1220	mg/l	0.05	250	250000	-:	- :	100 < 0.050	120 < 0.050	120 < 0.050
Cvanide (Complex) Calcium	1300 1 55	mo/ mg/l	0.05	250	250000	-	-	< 0.050 120	< 0.050 160	< 0.050 180
Potassium Magnesium Sodium	1 55 1 55 1 55	mg/l mg/l	0.5 0.2 1.5	12 50 200	12000 50000 200000	-		8.3 36	2.8 5.7	5.7 0
Total Hardness as CaCO3 Arsenic	1270	ng/1	15	0.01	10	0.05	- 50	3 0	30 0.001	0,0006
Boron Barlum	1 55 1 55 1 55	mo/1	0.01 0.005	1300	1000 1300000	2	50 2000	0.0015 0.05	0.03 0.11	0.0
Beryllum Cadmium	1 55	mg/l mg/l	0.001	0.005	5	0.00008	0.08	< 0.001	< 0.001	< 0.001
Copper Mercury	1 55	mo/1	0.0005 0.00005	0.001	2000	0.001	0.07	0 0023	0 0025	0 0029
Manganese Molybdenum Mirkel	1 55 1 55 1 55	mol	0.0005 0.0002 0.0005	0.05 0.07 0.02	50 70 20	0.123 - 0.00	123	0.003 0.0007 0.0032	0.0002 0.0008	0.0073
Nickel Lead Antimony	1 55	mg/l	0 0005	0.02 0.01 0.005	10	0 0012	12	< 0 0005 0.0006	< 0.0005 < 0.0005	< 0 0005 0.0006
Se enium Vanadium	1 55 1 55	mg/ mg/	0.0005 0.0005	0.01	10		-	0.0015	0.0008	0.0015 < 0.0005
Zinc iron Chromium (Trivalent)	1 55 1 55 1 90	mg/1	0.002 0.005 0.02	5 0.2	5000 200	0.0109	10.9 1000	# 0.01	:	0.01 #
Chromium (Trivalent) Chromium (Hexavalent) Allphatic TPH >C5-C6	1 90 1 90 1675	mg/1	0.02 0.02 0.1	0.01	- 10	0.00 7	3.	[B] < 0.020 < 0.10	[B] 7 2 [B] < 0.020 < 0.10	[B] < 0.020 < 0.10
Alighatic TPH >C6-C8 Alighatic TPH >C6-C10	1675 1675 1675	ugi ugi lgu	0.1 0.1 0.1	0.01 0.01 0.01	10 10 10			< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10
Alphatic TPH >C10-C12 Alphatic TPH >C10-C12 Alphatic TPH >C12-C16 Alphatic TPH >C16-C21	1679	100/1	0.1 0.1	0.01	10	:	:	< 0.10	< 0.10	< 0.10
Allphatic TPH >C21-C35	1679 1679 1679	i pg/l	0.1 0.1	0.01 0.01	10 10	-:	- :	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10 < 0.10
Aliphatic TPH >C35-C Total Aliphatic Hydrocarbons	1679 1679 1679	l ug/l	0.1 5 0.1				-	< 0.10	< 0.10	< 0.10
Aromatic TPH > C5-C7 Aromatic TPH > C7-C8 Aromatic TPH > C8-C10	1679 1679 1679	pg/l	0.1	0.01 0.01 0.01	10 10 10	0.01 0.07	7	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10
Aromatic TPH >C10-C12 Aromatic TPH >C12-C16	1679	light .	0.1 0.1	0.01 0.01	10	-		< 0.10 < 0.10 < 0.10	< 0.10	< 0.10
Aromatic TPH >C16-C21	1679	LIO/I	0.1 0.1	0.01	10	:	- :	< 0.10	< 0.10 < 0.10	< 0.10
Aromatic TPH > C21-C35 Aromatic TPH > C35-C Total o a ic H diocal o s	1679 1679 1679	i pg/l	0.1 5	0.01 0.01	10 10 -	-:-	- :	< 0.10	< 0.10	< 0.10
Total Petro eum Hydrocarbons Dichlorod fluoromethane	1679	lou	10	-	-	-	-	< 10	< 10	< 10
Chioromethane Vinyl Chior de Bromomethane	1760 1760	l pg/l	1	0.0005	0.5	-		< <	< < <5	< < <5
Chioroethane Tr chiorofluoromethane	1760 1760 1760	leu pol leu pol leu le	2	:	-:	:	-:	< <	< <	٠
1,1-Dichioroethene Trans 1.2-Dich oroethene	1760 1760 1760	l pg/l	1	:	:		- :	< <	۷ د	< <
1,1-Dichioroethane cis 1 2-Dichioroethane Bromochioromethane	1760	ועש ונ	1 5	:	-	-	-	< < <5	< <	< < <5
Tr chioromethane 1,1,1-Trich oroethane	1760 1760 1760	ligu to ligu to	1			0.1	100	<	<	< <
Tetrach oromethane 1.1-Dichloropropene	1760	l usi	1	-:	-:	-	-	٠	< <	< <
Berizene 1,2-Dichloroethane	1750 1750 1760	1 pg/1	1 2	0.001	3	0.01 0.01	10 10	<	< <	< <
Tr chloroethene 1,2-Olchloropropane	1760 1760 1760	l pg/l	1 10	0.01	10	0.01	-	< < <10	< < <10	< < <10
Dibromomethane Bromodich oromethane cls-1,3-Dichloropropene	1760	l uol	5	0.06	60	-		< 5 < 10	< 5 < 10	< 5 < 10
Toluene Tas-13-Dicoooee	1760 1760 1760	l pg/l	1 10	0.7	700	0.07	7	< 10	< 10	< 10
1,1,2-Trich oroethane Tetrach oroethene	1760	l ugi	10	0.01	10	0. 0.01	10	< 10	< 10	< 10
1.3-Dichioropropane Dibromoch oromethane 1,2-Dibromoethane	1760 1760	l ual	10	0.1 0.000	100			< 10	< 10 < 5	<10
Chlorobenzene 1,1,1,2-Tetrachloroethane	1760 1760 1760	l pg/l	1 2	-:	-:			< 5 <	٠	< 5 <
Ethylbenzene m & p-Xviene	1760	l pgl	1	0.3	300	0.01	10	٠	< <	< <
o-Xylene Styrene Tribromomethane	1760 1760 1760	l pgl	1	0.02	20	0.01	- 10	< <	< <	< <
Inpromomenane Isopropylberizene Bromoberizene	1760 1760	l µg/l	1 1		-			< <	< <	<
1.2.3-Trich oroorooane N-Prooviberizene	1760 1760	uol	50	-:	-	- :	- :	< 50 <	< 50 <	< 50 <
2-Chlorotoluene 1,3,5-Trimethylbenzene	1760 1760 1760	l pg/l	1	-	:	-	:	<	٠	•
-Chlorotoluene Tert-Buty/benzene 1.2Trimethy/benzene	1760 1760 1760	l pg/l	1 1					٠ .	٠	٠
1.2Trimethybenzene Sec-Butybenzene 1,3-Dichlorobenzene	1760	l ug/l	1			-		< <	< <	٠
isopropytoluene 1 -Dic lo o e ze e	1760 1760 1760 1760	l pg/l	1	03	300	1	:	٠ .	< <	<
N-Butylbenzene 1.2-Dichlorobenzene	1760	uol	1	1	1000	-		<	<	٠
1.2-Dibromo-3-Chiorocropane 1,2, -Trich oroberszene	1760 1760 1760 1760	ual ugi	1	0.001	1		0.1	< 50 <	< 50 <	< 50 <
Hexach orobutad ene 1,2,3-Trich orobenzene Methyl Tert-Butyl Ether	1760 1760 1760	l pgl pgl	1	0.0006	0.6	0.0001	-:-	٠	۷ .	٠
Naphthalene	1800	l pg/l	0.1 0.1		-	0.002	2	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10
Acenaphthene Acenaphthene Fluorene	1800 1800 1800	ligu i ligu i	0.1 0.1 0.1 0.1	-:	:	-		< 0.10 < 0.10 < 0.10	<0.10 <0.10 <0.10	< 0.10 < 0.10 < 0.10
Phenanthrene Anthracene	1800 1800 1800	l pg/l		- 0.000038	0.038	0.0001	0.1 0.0063	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10
Fluoranthene Pyrene Benzolalanthracene	1800 1800 1800	ual	0.1 0.1 0.1	-	-	-	-	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10	< 0.10 < 0.10 < 0.10
Unrysene Benzolb Nuoranthene	1800	l µgl	0.1 0.1	0.001	1	-	-	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10
Benzojkj luoranthene Benzojajpyrene	1800	l pgl	0.1 0.1	0.001 0.00001	0.01	-	- ##	< 0.10	< 0.10 < 0.10	< 0.10
Indenoi 1.2.3-c.d Pyrene Diberzia h)Anthracene	1800	l ual	0.1 0.1 0.1	0.0001	0.1		-	< 0.10 < 0.10	< 0.10 < 0.10	< 0.10
Benzo(g.h. jperylene Total Of 16 PAH's Reso d ol	1800 1800 1920	1 µg/1		0.001	1			< 0.10 < < 0.0050	< 0.10 < 0.0050	< 0.10
Phenol Cresols	1920	mg/l	0.005	0.0005	0.5	0.0077	7.7	< 0.0050 < 0.0050	< 0.0050 < 0.0050	< 0 0050 < 0 0050
Xvieno s 1-Naphthol	1920	mo/1	0.005 0.005	-	-		-	< 0.0050 < 0.0050 < 0.0050	< 0.0050 < 0.0050 < 0.0050	< 0 0050 < 0 0050 < 0 0050
Trimethylphenois Total Phenois	1920 1920 1920	mg/l	0.005	:	-	- :		< 0.0050 < 0.030	< 0.0050 < 0.030	< 0.0050 < 0.030



## Get in touch

## You can contact us by:



Emailing at info@cwwtpr.com



Calling our Freephone information line on 0808 196 1661



Writing to us at Freepost: CWWTPR



Visiting our website at

You can view all our DCO application documents and updates on the application on The Planning Inspectorate website:

https://infrastructure.planninginspectorate.gov.uk/projects/eastern/cambridge-waste-water-treatment-plant-relocation/

