



Immingham Green Energy Terminal

TR030008

Volume 7

7.9 Sediment Contamination Data (Part 2)

Planning Act 2008

Regulation 5(2)(q)

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

Infrastructure Planning

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

Immingham Green Energy Terminal

Development Consent Order 2023

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Regulation Reference	APFP Regulation 5(2)(q)
Planning Inspectorate Case Reference	TR030008
Application Document Reference	TR030008/APP/7.9
Author	Associated British Ports Air Products BR

Version	Date	Status of Version
Revision 1	21 September 2023	DCO Application

Physical characteristics data

Instructions:

1. Record the laboratory/contractor responsible for analysis
2. Record the date the samples were analysed.
3. Enter full dataset for each sample in the analysis results table
4. Where copying and pasting entries please use paste values only
5. Where entering multiple Sample IDs please use the pop-up form
IDs should be separated by a comma

Analysis information:

Laboratory/contractor: Ocean Ecology Ltd
Date of analysis: 05/05/2023

Physical characteristics analysis outputs:

Laboratory sample number	Dredge Area	Sample ID(s)	Visual appearance*	Exempt from chemical analysis ²	Total Solids (% total sediments)	Organic matter (total organic carbon)	-5.5	-5.0	-4.5	-4.0
							45mm	31.5mm	22.4mm	16mm
MAR01806.031	Area i	Sample 8 1.00m	Odourless Brown Gravelly Mud.		87.50	0.8500	0.00	0.00	0.00	0.00
MAR01806.032	Area i	Sample 8 2.00m	Odourless Brown Gravelly Mud.		82.10	0.4600	0.00	0.00	0.00	0.00
MAR01806.033	Area i	Sample 8 2.90m	Odourless Other Muddy Gravel.		81.50	0.3900	0.00	0.00	20.15	19.99

* **Visual appearance:** Include a description of what the material looks like and what it contains, e.g. sandy material containing brick fragments, or black silt, or foreign man made matter caught in the sample.
² **Exempt from chemical analysis:** enter 'y' where sediment samples contain glacial material or are too coarse and thus exempt from chemical analysis.

Trace metal data

Instructions:

1. Record the laboratory/contractor responsible for trace metal analysis
2. Record the date the samples were analysed.
3. Enter full dataset for each sample in the analysis results table
4. Trace metal analysis results should be reported in mg/kg (ppm) dry weight
5. Enter methodological limit of detection for each trace metal prior to inputting raw data
6. Where analysis outputs are less than the limits of detection please enter text "<LOD"
7. Where copying and pasting entries please use paste values only
8. Where entering multiple Sample IDs please use the pop-up form
IDs should be separated by a comma

Analysis information:

Laboratory/contractor: SOCOTEC
Date of analysis: 21/04/2023

Determinand analysis outputs:

Laboratory sample number	Dredge Area	Sample ID(s)	Total solids (%)	Metals as mg/kg dry weight							
				Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Copper (Cu)	Mercury (Hg)	Nickel (Ni)	Lead (Pb)	Zinc (Zn)
MAR01806.031	Area i	Sample 8 1.00m	87.5	5.9	0.11	18.9	13.9	0.03	23.8	9.1	43.9
MAR01806.032	Area i	Sample 8 2.00m	82.1	1	0.26	0.9	3.9	0.01	8.3	1.4	18
MAR01806.033	Area i	Sample 8 2.90m	81.5	<LOD	0.15	1	5.1	<LOD	6.6	1.5	14.6
Limits of detection (mg/kg dry weight):				0.5	0.04	0.5	0.5	0.01	0.5	0.5	2

Organotin data

Instructions:

1. Record the laboratory/contractor responsible for organotin analysis
2. Record the date the samples were analysed.
3. Enter full dataset for each sample in the analysis results table
4. Organotin analysis results should be reported in mg/kg (ppm) dry weight
5. Enter methodological limit of detection for each organotin prior to inputting raw data
6. Where analysis outputs are less than the limits of detection please enter text "<LOD"
7. Where copying and pasting entries please use paste values only
8. Where entering multiple Sample IDs please use the pop-up form
IDs should be separated by a comma

Analysis information:

Laboratory/contractor: SOCOTEC
Date of analysis: 12/04/2023

determinand analysis outputs:

Laboratory sample number	Dredge Area	Sample ID(s)	Total solids (%)	Organotins as mg/kg dry weight	
				Dibutyltine (DBT)	Tributyltin (TBT)
MAR01806.031	Area i	Sample 8 1.00m	87.5	<LOD	<LOD
MAR01806.032	Area i	Sample 8 2.00m	82.1	<LOD	<LOD
MAR01806.033	Area i	Sample 8 2.90m	81.5	<LOD	<LOD
Limits of detection (mg/kg dry weight):				0.005	0.005

