Pre-disposal Sampling Results Form

Version 2 - June 2017

This form should be used to submit the results from your pre-disposal sampling plan.
Full information must be provided in all relevant sheets of this workbook. The blue cells in each worksheet indicate where information can be entered.
Where information cannot be provided, or where there are more than 30 samples required, please contact the Marine Scotland - Licensing Operations Team (MS-LOT) using the contact details below.

Once you have completed this form, send it (including any reference number for the dredging and sea disposal marine licence application in the subject header of your email) to the following email address:
ms.marinelicensing@gov.scot

If you have any questions in relation to this form contact MS-LOT:

Marine Scotland - Licensing Operations Team
Marine Laboratory
375 Victoria Road
Aberdeen, AB11 9DB

01224 295579
ms.marinelicensing@gov.scot

Applicant Information

Applicant:	
Description of dredging:	
Total amount to be dredged (wet tonnes)	

Sample Details & Physical Properties

Explanatory Notes:
An example of a 'Dredge area' is: 'Dock A, Harbour X'
Provide description of the dredge area and the latitude and longitude co-oridnates (WGS84) for each sample location. Co-ordinates taken from GPS equipment should be set to WGS84.
Note for sample depth that the seabed is 0 metres.
Gravel is defined as >2mm, **Sand** is defined as >63um<2mm, **Silt** is deinfed as <63um).

Sample information:

Sample ID	Dredge area	Latitude	Longitude	Type of sample	Sample depth (m)	Total solids (%)	Gravel (%)	Sand (%)	Silt (%)	TOC (%)	Specific gravity	Asbestos
MAR02010.00	VC01 (0.00m)	° . 'N	° . 'W			79.4	0.83	36.72	62.45	5		
MAR02010.00	VC01 (1.00m)	° . 'N	° . 'W			87.2	30.84	12.4	56.75	1.68		
MAR02010.00	VC01 (1.50m)	° . 'N	° . 'W			80.2	18.02	3.48	78.5	1.92		
MAR02010.00	VC02 (0.00m)	° . 'N	° . 'W			74.2	0	2.29	97.71	1.87		
MAR02010.00	VC02 (3.00m)	° . 'N	° . 'W			74.5	0	1.59	98.41	2.74		
MAR02010.00	VC02 (4.50m)	° . 'N	° . 'W			40	0	3.35	96.65	7.86		
MAR02010.00	VC03 (0.00m)	° . 'N	° . 'W			73.1	10.57	29.86	59.57	1.18		
MAR02010.00	VC03 (1.00m)	° . 'N	° . 'W			67.3	4.74	30.4	64.85	1.63		
MAR02010.00	VC03 (2.00m)	° . 'N	° . 'W			86.7	35.88	29.42	34.7	1.27		
MAR02010.01	VC04 (0.00m)	° . 'N	° . 'W			71.2	12.35	33.4	54.26	1.86		
MAR02010.01	VC04 (2.00m)	° . 'N	° . 'W			75	0	1.59	98.41	1.56		
MAR02010.01	VC04 (3.00m)	° . 'N	° . 'W			72.8	0	3.42	96.58	1.84		
MAR02010.01	VC05 (0.00m)	° . 'N	° . 'W			59.9	8.72	35.09	56.19	1.1		
MAR02010.01	VC05 (1.00m)	° . 'N	° . 'W			85.8	0	92.89	7.11	0.44		
MAR02010.01	VC05 (2.00m)	° . 'N	° . 'W			81.7	0	92.79	7.21	0.6		
MAR02010.01	VC06 (0.00m)	° . 'N	° . 'W			63.7	15.43	25.97	58.6	4.62		
MAR02010.01	VC06 (2.00m)	° . 'N	° . 'W			70.1	0	20.44	79.56	0.78		
MAR02010.01	VC06 (3.00m)	° . 'N	° . 'W			85.7	0	53.12	46.88	0.75		
MAR02010.01	VC07 (0.00m)	° . 'N	° . 'W			66.2	6.79	27.49	65.72	1.87		
MAR02010.02	VC07 (2.00m)	° . 'N	° . 'W			70	0	22.55	77.45	1.05		
MAR02010.02	VC07 (3.00m)	° . 'N	° . 'W			83.6	13.12	44.03	42.84	0.6		
MAR02010.02	VC08 (0.00m)	° . 'N	° . 'W			71.4	1.74	17.94	80.32	0.77		
MAR02010.02	VC08 (2.00m)	° . 'N	° . 'W			74.4	0	3.22	96.78	2.05		
MAR02010.02	VC08 (3.50m)	° . 'N	° . 'W			71.8	0	6.2	93.8	1.09		
MAR02010.02	VC09 (0.00m)	° . 'N	° . 'W			60.5	3.85	22.56	73.59	2.15		
MAR02010.02	VC09 (2.00m)	° . 'N	° . 'W			69.9	0	17.58	82.42	0.56		
MAR02010.02	VC09 (3.00m)	° . 'N	° . 'W			71.4	1.02	17.24	81.75	0.83		
MAR02010.02	VC10 (0.00m)	° . 'N	° . 'W			73.4	26.28	30.7	43.02	2.97		
MAR02010.02	VC10 (2.00m)	° . 'N	° . 'W			89.3	13.53	53.09	33.39	0.08		
MAR02010.03	VC10 (3.50m)	° . 'N	° . 'W			86	7.44	45.68	46.88	0.93		
MAR02010.03	VC11 (0.00m)	° . 'N	° . 'W			65.8	21.58	33.18	45.25	4.19		
MAR02010.03	VC11 (2.00m)	° . 'N	° . 'W			70.1	0	17.17	82.83	0.78		
MAR02010.03	VC11 (3.50m)	° . 'N	° . 'W			69.1	0	10.71	89.29	0.75		
MAR02010.03	VC12 (0.00m)	° . 'N	° . 'W			64.7	10.12	29.69	60.19	4.11		
MAR02010.03	VC12 (2.00m)	° . 'N	° . 'W			70	3.62	18.94	77.44	1.17		
MAR02010.03	VC12 (4.50m)	° . 'N	° . 'W			66.3	0	15.24	84.76	0.95		
MAR02010.03	VC13 (0.00m)	° . 'N	° . 'W			73.5	4.22	21.37	74.41	1.44		
MAR02010.03	VC13 (1.00m)	° . 'N	° . 'W			82.8	11.66	45.38	42.97	0.64		
MAR02010.03	VC13 (2.00m)	° . 'N	° . 'W			87.6	8.87	50.77	40.36	0.7		
MAR02010.04	VC14 (0.00m)	° . 'N	° . 'W			75.5	22.33	40.2	37.47	0.75		
MAR02010.04	VC14 (1.00m)	° . 'N	° . 'W			84.9	33.23	40.59	26.18	1.36		
MAR02010.04	VC14 (1.50m)	° . 'N	° . 'W			88.6	20.69	41.91	37.4	0.98		
MAR1438.001	NVC01B 0.00	° . 'N	° . 'W			55.7	3.56	35.01	61.43	5.55	2.57	
MAR1438.002	NVC01B 0.50	° . 'N	° . 'W			85.3	26.41	19.94	53.65	1.62	2.7	
MAR1438.003	NVC01B 1.00	° . 'N	° . 'W			79.5	9.69	27.87	62.44	1.68		
MAR1438.004	NVC02 0.00	° . 'N	° . 'W			46.6	0	30.13	69.87	4.64	2.58	
MAR1438.005	NVC02 2.00	° . 'N	° . 'W			58.1	0	22.31	77.69	8.28	2.44	
MAR1438.006	NVC02 3.50	° . 'N	° . 'W			75.3	0	1.02	98.98	2.15	2.65	
MAR1438.007	NVC03A 0.00	° . 'N	° . 'W			47.5	0	21.68	78.32	4.99	2.58	
MAR1438.008	NVC03A 0.50	° . 'N	° . 'W			79.3	13.02	25.54	61.43	1.78	2.71	
MAR1438.009	NVC04 0.00	° . 'N	° . 'W			43.2	0	23.06	76.94	4.75	2.61	
MAR1438.010	NVC04 1.50	° . 'N	° . 'W			56.5	0	21.94	78.06	5.14	2.64	
MAR1438.011	NVC04 2.00	° . 'N	° . 'W			54	0	15.45	84.55	5.43	2.55	
MAR1438.012	NVC04 3.50	° . 'N	° . 'W			47.8	0	9.87	90.13	7.63	2.43	
MAR1438.013	NVC05 0.00	° . 'N	° . 'W			47.6	0	19.07	80.93	4.67	2.58	
MAR1438.014	NVC05 1.00	° . 'N	° . 'W			55.5	0	15.7	84.3	5.74	2.53	
MAR1438.015	NVC05 2.00	° . 'N	° . 'W			45.9	0	14.4	85.6	7.43	2.48	
MAR1438.016	NVC06 0.00	° . 'N	° . 'W			50	0	16.49	83.51	4.92	2.33	
MAR1438.017	NVC06 1.00	° . 'N	° . 'W			57.1	0	35.33	64.67	4.19	2.59	
MAR1438.018	NVC06 1.50	° . 'N	° . 'W			54.7	0	13.91	86.09	5.64	2.58	
MAR1438.019	VCN03A 0.00	° . 'N	° . 'W			41.4	0	20.46	79.54	5.43	2.55	
MAR1438.020	VCN03A 0.30	° . 'N	° . 'W			85.2	16.48	4.87	78.66	1.69	2.7	
MAR1438.021	VCN04A 0.00	° . 'N	° . 'W			42.5	0	20.41	79.59	5.22	2.64	
MAR1438.022	VCN04A 0.35	° . 'N	° . 'W			89.1	12.39	25.11	62.5	1.86	2.69	
MAR1438.023	VCN05A 0.00	° . 'N	° . 'W			52.4	14.24	19.51	66.25	3.14	2.66	
MAR1438.024	VCN05A 0.30	° . 'N	° . 'W			88.6	12.85	25.08	62.06	1.66	2.68	
MAR1438.025	VCN05A 0.65	° . 'N	° . 'W			89.3	21.31	23.09	55.6	1.52	2.67	
MAR1438.026	VCN06A 0.00	° . 'N	° . 'W			38.8	0	21.42	78.58	4.51	2.59	
MAR1438.027	VCN06A 0.20	° . 'N	° . 'W			37.5	0	14.54	85.46	5.41	2.6	
MAR1438.028	VCN06A 0.50	° . 'N	° . 'W			86.5	17.01	24.82	58.16	1.83	2.69	
MAR1438.038	VCN14 0.00	° . 'N	° . 'W			40.6	0	13.83	86.17	4.42	2.59	
MAR1438.039	VCN14 0.50	° . 'N	° . 'W			83	23.92	24.58	51.5	1.81	2.67	
MAR1438.040	VCN15 0.00	° . 'N	° . 'W			35.9	0	11.96	88.04	4.96	2.55	
MAR1438.041	VCN15 0.50	° . 'N	° . 'W			80.6	14.46	29.48	56.06	2.48	2.7	
MAR1438.042	VCN16 0.00	° . 'N	° . 'W			40.1	0	18.18	81.82	3.12	2.56	
MAR1438.043	VCN16 0.30	° . 'N	° . 'W			85.3	23.6	25.89	50.51	1.66	2.69	
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Trace Metals & Organotins

Explanatory Notes:
Results above Action Level 1 will be highlighted in blue and above Action Level 2 in red.

Sample information:

Sample ID	Dredge area	Type of sample	Sample depth (m)	mg/kg dry weight									
				Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Copper (Cu)	Mercury (Hg)	Nickel (Ni)	Lead (Pb)	Zinc (Zn)	Dibutyltin (DBT)	Tributyltin (TBT)
MAR02010.00	VC01 (0.00m)	0	0	12.5	1.16	60.4	60.8	1.29	32.5	105	195	<0.005	<0.005
MAR02010.00	VC01 (1.00m)	0	0	3.4	0.28	46.4	23.5	0.06	51	13.9	78.7	<0.005	<0.005
MAR02010.00	VC01 (1.50m)	0	0	3.7	0.23	30.4	23.7	0.04	37.7	21.8	68	<0.005	<0.005
MAR02010.00	VC02 (0.00m)	0	0	5	0.25	116	27.5	0.04	90.5	15.7	73.9	<0.005	<0.005
MAR02010.00	VC02 (3.00m)	0	0	3.8	0.21	340	30.4	0.04	215	16	79.9	<0.005	<0.005
MAR02010.00	VC02 (4.50m)	0	0	16.5	0.3	72.8	31	0.63	46.2	66.6	129	<0.005	<0.005
MAR02010.00	VC03 (0.00m)	0	0	12.1	0.13	31.8	10.9	0.18	23.7	19.5	55.9	<0.005	<0.005
MAR02010.00	VC03 (1.00m)	0	0	12.6	0.14	31.5	10.1	0.17	22.8	17.8	75.5	<0.005	<0.005
MAR02010.00	VC03 (2.00m)	0	0	8.3	0.14	30.5	20.3	0.05	34.8	10.3	58.6	<0.005	<0.005
MAR02010.01	VC04 (0.00m)	0	0	12.2	0.19	34.8	13.4	0.28	28.4	94.1	75.9	<0.005	<0.005
MAR02010.01	VC04 (2.00m)	0	0	5.6	0.21	42.5	29.1	0.01	54.4	15.5	73.3	<0.005	<0.005
MAR02010.01	VC04 (3.00m)	0	0	5.2	0.18	42.5	29.8	<0.01	49.2	15.6	71.8	<0.005	<0.005
MAR02010.01	VC05 (0.00m)	0	0	9.4	0.14	29.4	13.3	0.19	22.2	36.4	65.6	<0.005	<0.005
MAR02010.01	VC05 (1.00m)	0	0	4.5	0.06	8.3	6	<0.01	11.7	5.8	25.3	<0.001	<0.001
MAR02010.01	VC05 (2.00m)	0	0	4.4	0.06	8.5	6.2	<0.01	15.6	5.6	24.7	<0.001	<0.001
MAR02010.01	VC06 (0.00m)	0	0	12.6	0.16	37.5	110	0.66	32.1	68.7	89.7	<0.005	<0.005
MAR02010.01	VC06 (2.00m)	0	0	7.1	0.11	33.2	6.6	<0.01	24.7	9	48.3	<0.005	<0.005
MAR02010.01	VC06 (3.00m)	0	0	7.4	0.14	25.1	13.4	0.04	25.3	8.7	42.9	<0.005	<0.005
MAR02010.01	VC07 (0.00m)	0	0	11.7	0.24	41.2	15.1	0.3	28.4	40.7	76.8	<0.005	<0.005
MAR02010.02	VC07 (2.00m)	0	0	6.9	0.15	34.5	6.3	<0.01	25.1	9.2	49.4	<0.005	<0.005
MAR02010.02	VC07 (3.00m)	0	0	8.6	0.13	21.2	12	0.07	20.7	10.5	45.2	<0.005	<0.005
MAR02010.02	VC08 (0.00m)	0	0	8.6	0.14	21.6	12.7	0.03	20.8	10.5	52.9	<0.005	<0.005
MAR02010.02	VC08 (2.00m)	0	0	7.3	0.14	37.4	8.3	<0.01	27.8	10.7	56.6	<0.005	<0.005
MAR02010.02	VC08 (3.50m)	0	0	7	0.2	38.4	20.8	0.14	38.7	20.8	67.5	<0.005	<0.005
MAR02010.02	VC09 (0.00m)	0	0	7.5	0.2	35.3	20.1	<0.01	40.7	12.5	62.9	<0.005	<0.005
MAR02010.02	VC09 (2.00m)	0	0	9.9	0.22	37.8	15.6	0.41	23.9	36.4	68.7	<0.005	<0.005
MAR02010.02	VC09 (3.00m)	0	0	7.4	0.16	47	7.3	0.01	35.5	9.9	54.7	<0.005	<0.005
MAR02010.02	VC10 (0.00m)	0	0	9.9	0.26	34.3	20.2	0.55	22.3	59	84.4	<0.005	<0.005
MAR02010.02	VC10 (2.00m)	0	0	9.1	0.15	25.6	16.9	<0.01	26.3	9.9	49.4	<0.005	<0.005
MAR02010.03	VC10 (3.50m)	0	0	6.1	0.18	25.6	15.8	<0.01	30.1	9.8	52.9	<0.005	<0.005
MAR02010.03	VC11 (0.00m)	0	0	9.5	0.18	32.8	11.9	0.23	22.4	30.2	61.5	<0.005	<0.005
MAR02010.03	VC11 (2.00m)	0	0	6.5	0.13	32.2	5.9	<0.01	25.3	8.4	47.9	<0.005	<0.005
MAR02010.03	VC11 (3.50m)	0	0	6.5	0.13	31.7	6	0.03	24.7	8.7	46.1	<0.005	<0.005
MAR02010.03	VC12 (0.00m)	0	0	12.5	0.32	44.4	26.2	0.77	26.4	62.9	100	<0.005	<0.005
MAR02010.03	VC12 (2.00m)	0	0	7.1	0.17	36.1	7	<0.01	27.3	10	59.1	<0.005	<0.005
MAR02010.03	VC12 (4.50m)	0	0	6.7	0.12	34.2	6.5	<0.01	25.3	9.2	50.1	<0.005	<0.005
MAR02010.03	VC13 (0.00m)	0	0	8.6	0.15	30.7	10.8	0.18	23.8	24.1	60	<0.005	<0.005
MAR02010.03	VC13 (1.00m)	0	0	7.2	0.13	25.2	12.6	<0.01	25.9	8.8	46.8	<0.005	<0.005
MAR02010.03	VC13 (2.00m)	0	0	7.9	0.15	29.1	15	<0.01	35	9.5	51.9	<0.005	<0.005
MAR02010.04	VC14 (0.00m)	0	0	7.2	0.12	21.6	7.1	<0.01	18.6	9.1	40.7	<0.005	<0.005
MAR02010.04	VC14 (1.00m)	0	0	9.2	0.14	23.7	13.3	<0.01	29.1	9.9	51.4	<0.005	<0.005
MAR02010.04	VC14 (1.50m)	0	0	4.5	0.2	25.1	21.8	<0.01	32.4	9.9	62	<0.005	<0.005
MAR1438.001	NVC01B 0.00	0	0	13.3	0.39	50.2	33.8	0.55	33.1	60.8	122	<0.005	0.0108
MAR1438.002	NVC01B 0.50	0	0	4.4	0.29	43.1	32.8	0.05	56.9	19.5	82.7	<0.005	<0.005
MAR1438.003	NVC01B 1.00	0	0	4.1	0.34	41.2	33	0.04	56.7	20	81.5	<0.005	0.00658
MAR1438.004	NVC02 0.00	0	0	16.4	2.45	91.5	78.9	1.42	41.3	105	190	0.0192	0.0239
MAR1438.005	NVC02 2.00	0	0	14.8	5.5	84.2	127	2.26	58.7	233	355	<0.005	0.0146
MAR1438.006	NVC02 3.50	0	0	4.8	0.49	41.1	32.3	0.14	42	25.6	81.2	<0.005	<0.005
MAR1438.007	NVC03A 0.00	0	0	15.3	0.34	59.1	33.5	0.62	36.2	65.4	132	<0.005	0.0114
MAR1438.008	NVC03A 0.50	0	0	5.6	0.23	41.6	32.3	0.07	56.7	24.5	83.8	<0.005	<0.005
MAR1438.009	NVC04 0.00	0	0	16	0.29	61.7	38.3	0.71	38.4	73.1	142	<0.005	<0.005
MAR1438.010	NVC04 1.50	0	0	16.3	1.01	75.6	63.1	1.19	40.7	115	189	0.0129	0.0119
MAR1438.011	NVC04 2.00	0	0	16.2	1.06	77.7	59.6	1.21	39.4	110	185	0.0112	0.0111
MAR1438.012	NVC04 3.50	0	0	14	3.06	77.6	115	2.05	38.7	178	267	<0.005	<0.005
MAR1438.013	NVC05 0.00	0	0	15.2	0.62	59.8	44.9	0.87	34.2	82.8	148	<0.005	0.0189
MAR1438.014	NVC05 1.00	0	0	15.5	1.48	77	64.4	1.35	37.9	114	185	0.0126	0.0336
MAR1438.015	NVC05 2.00	0	0	16.8	4.35	112	108	1.95	38.6	152	243	0.0141	0.0295
MAR1438.016	NVC06 0.00	0	0	15	0.7	65.3	48	0.91	36.8	87.3	156	<0.005	0.018
MAR1438.017	NVC06 1.00	0	0	16.6	0.82	71.6	56.4	1.17	40.4	106	176	0.0109	0.0127
MAR1438.018	NVC06 1.50	0	0	17.2	0.89	79.7	58.6	1.1	48.3	110	182	0.0227	0.149
MAR1438.019	VCN03A 0.00	0	0	17.6	0.57	66.4	43.6	0.85	39.3	86	155	<0.005	0.014
MAR1438.020	VCN03A 0.30	0	0	5.4	0.32	41.4	33.8	0.08	55.1	23.4	89.8	<0.005	<0.005
MAR1438.021	VCN04A 0.00	0	0	14.5	0.34	55.4	37	0.69	35.7	71.3	135	<0.005	0.0291
MAR1438.022	VCN04A 0.35	0	0	3.4	0.22	36.5	31.6	0.05	53.1	20.4	81.7	<0.005	0.00979
MAR1438.023	VCN05A 0.00	0	0	8.9	0.24	45.9	34.4	0.33	45.7	44.5	127	<0.005	0.0182
MAR1438.024	VCN05A 0.30	0	0	3.9	0.28	39.9	31.9	0.04	56.5	20.1	94.9	<0.005	<0.005
MAR1438.025	VCN05A 0.65	0	0	3.2	0.21	50.4	33.3	0.02	92.6	16.6	78.4	<0.005	<0.005
MAR1438.026	VCN06A 0.00	0	0	13.5	0.26	56.4	35.6	0.62	37.3	66.7	125	<0.005	<0.005
MAR1438.027	VCN06A 0.20	0	0	16.4	0.45	61.8	40.7	0.73	36	78	149	<0.005	0.0137
MAR1438.028	VCN06A 0.50	0	0	5	0.26	41.6	32.8	0.08	55.5	22.6	84.3	<0.005	<0.005
MAR1438.038	VCN14 0.00	0	0	14	0.26	50.8	33.3	0.58	33.7	67.6	124	<0.005	<0.005
MAR1438.039	VCN14 0.50	0	0	5.5	0.23	39.1	31.3	0.09	54.1	24.2	93	<0.005	<0.005
MAR1438.040	VCN15 0.00	0	0	14.8	0.22	51.6	30.8	0.57	33.5	60.3	117	<0.005	<0.005
MAR1438.041	VCN15 0.50	0	0	5.5	0.18	39	33.1	0.03	51.5	23.5	88.9	<0.005	<0.005
MAR1438.042	VCN16 0.00	0	0	11.1	0.18	48.5	37.8	0.36	42.3	50.7	120	<0.005	<0.005
MAR1438.043	VCN16 0.30	0	0	4.5	0.17	39.1	31.8	0.05	52.4	24.8	87.2	<0.005	<0.005
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Polyaromatic Hydrocarbons (PAH)

Explanatory Notes:
Results above Action Level 1 will be highlighted in blue

Definitions:

ACENAPTH	Acenaphthene
ACENAPHY	Acenaphthylene
ANTHRACN	Anthracene
BAA	Benz(a)anthracene
BAP	Benzo(a)pyrene
BBF	Benzo(b)fluoranthene
BEP	Benzo(e)pyrene
BENZGHIP	Benzo(ghi)perylene
BKF	Benzo(K)fluoranthene
C1N	C1-naphthalenes
C1PHEN	C1-phenanthrene
C2N	C2-naphthalenes
C3N	C3-naphthalenes
CHRYSENE	Chrysene
DBENZAH	Diben(ah)anthracene
FLUORANT	Fluoranthene
FLUORENE	Fluorene
INDPYR	Indeno(1,2,3-cd)pyrene
NAPTH	Naphthalene
PERYLENE	Perylene
PHENANT	Phenanthrene
PYRENE	Pyrene
THC	Total Hydrocarbon Content

Sample information:

		Type of	Sample depth												µg/kg											
Sample ID	Dredge area	sample	(m)	ACENAPTH	ACENAPHY	ANTHRACN	BAA	BAP	BBF	BEP	BENZGHIP	BKF	C1N	C1PHEN	C2N	C3N	CHRYSENE	DBENZAH	FLUORANT	FLUORENE	INDPYR	NAPTH	PERYLENE	PHENANT	PYRENE	THC
MAR02010.001	VC01 (0.00m)	0	0	24.1	10.2	38.8	65.4	101	111		226	75.7					134	21.5	122	108	44.3	129		422	164	157000
MAR02010.002	VC01 (1.00m)	0	0	6.59	<5	12.6	17.8	21.9	25.1		47.5	14.5					42.7	<5	31.7	18.7	10.9	21.1		97.5	48	68000
MAR02010.003	VC01 (1.50m)	0	0	43	8.2	46.1	72.4	92.3	115		244	52.5					136	21.1	125	113	51.2	97.7		400	167	149000
MAR02010.004	VC02 (0.00m)	0	0	33.7	9.88	39.8	74.8	110	140		251	72.6					145	23.6	128	159	61.1	249		484	179	153000
MAR02010.005	VC02 (3.00m)	0	0	29.8	16.4	50.1	66.9	103	119		224	47.5					129	19.7	122	156	50	169		429	168	152000
MAR02010.006	VC02 (4.50m)	0	0	49.3	47.9	194	352	414	426		403	365					375	66.1	654	100	350	216		410	770	456000
MAR02010.007	VC03 (0.00m)	0	0	<5	<5	<5	<5	7.75	10.3		15.5	8.47					10.4	<5	10.2	<5	<5	8.8		20.2	15	34300
MAR02010.008	VC03 (1.00m)	0	0	26.7	53.8	134	295	490	377		370	444					344	71.9	489	55.1	325	109		272	628	233000
MAR02010.009	VC03 (2.00m)	0	0	12.8	5.87	24	43.7	59.9	67.3		124	38					75.3	9.83	78.8	46.5	29.3	40.6		195	99.3	90800
MAR02010.010	VC04 (0.00m)	0	0	33.1	34.2	137	351	486	401		353	394					370	56.6	650	52.6	325	69.5		345	815	162000
MAR02010.011	VC04 (2.00m)	0	0	36.9	8.33	52.6	108	160	165		369	97.2					181	33.1	172	178	85.2	151		568	232	172000
MAR02010.012	VC04 (3.00m)	0	0	32.5	11.4	56.3	87.7	120	145		292	56.8					156	27.3	153	155	68.6	127		490	207	177000
MAR02010.013	VC05 (0.00m)	0	0	54	40.4	190	322	384	338		390	350					341	64	606	113	317	198		490	739	330000
MAR02010.014	VC05 (1.00m)	0	0	<5	<5	<5	7.41	7.33	11.1		15.3	<5					11.5	<5	11.8	<5	<5	<5		20.6	15.3	32000
MAR02010.015	VC05 (2.00m)	0	0	6.57	<5	16.7	21.1	22.3	23		35.3	11.9					22.3	<5	35.8	<5	8.58	6.87		39.3	39.8	29500
MAR02010.016	VC06 (0.00m)	0	0	50.6	51.1	227	499	681	639		502	520					528	83.5	849	97.7	470	139		502	1230	280000
MAR02010.017	VC06 (2.00m)	0	0	<5	<5	<5	9.63	12.5	19.3		22.2	10.1					15.2	<5	14.6	<5	8.86	9.96		32.1	23	34400
MAR02010.018	VC06 (3.00m)	0	0	6.36	<5	13	28.9	42.2	47		87.3	30.4					49.4	8.86	43.6	18.8	25.3	27.8		98.3	63.6	50100
MAR02010.019	VC07 (0.00m)	0	0	32.2	21.6	162	332	340	290		223	296					338	38.5	790	57.7	220	78.2		405	885	177000
MAR02010.020	VC07 (2.00m)	0	0	<5	<5	3.63	7.55	10.1	16.1		12.6	8.76					11.8	<5	12.1	<5	7.16	8.73		26.5	18.4	18500
MAR02010.021	VC07 (3.00m)	0	0	2.31	1.44	7.41	18.9	25.2	35.4		34.8	15.7					33	4.98	26.9	12.7	13.5	14.5		62.9	40	42600
MAR02010.022	VC08 (0.00m)	0	0	<1	<1	2.39	6.35	8.31	12.3		11	8.03					8.24	1.8	8.29	3.16	6.14	5.16		19	14.3	12300
MAR02010.023	VC08 (2.00m)	0	0	34.4	11	55.6	73.5	106	108		139	85.4					128	26.3	125	109	52.4	87.1		339	161	165000
MAR02010.024	VC08 (3.50m)	0	0	<1	<1	2.44	5.69	7.03	11.5		9.45	4.04					7.6	1.93	7.84	6.19	5.49	5.76		17.9	14.4	20200
MAR02010.025	VC09 (0.00m)	0	0	60.7	65.6	241	339	444	428		347	385					391	71.3	552	96.5	285	219		471	925	472000
MAR02010.026	VC09 (2.00m)	0	0	1.76	<1	3.04	7.69	9.67	16.6		13.5	7.94					9.62	2.35	9.42	6.11	8.85	6.77		24.7	14.5	31700
MAR02010.027	VC09 (3.00m)	0	0	2.06	<1	4.9	12.3	15.5	23.3		21	11.1					15.9	3.64	15.2	5.9	12.7	9.73		37.3	26.8	17500
MAR02010.028	VC10 (0.00m)	0	0	3.7	3.62	13.8	28.2	40.4	39.5		33.7	33.7					32.1	5.91	40.8	8.73	31	12.8		42.4	65.3	30600
MAR02010.029	VC10 (2.00m)	0	0	8.25	3.86	10	23.6	26.8	36.8		39.9	16.1					43.5	5.39	35.8	25.4	13.7	17		139	54.5	53900
MAR02010.030	VC10 (3.50m)	0	0	7.15	2.45	15.7	39.3	47.7	64.7		61.1	28.7					59.9	9.42	66.6	26	31.2	23.9		132	92.4	59600
MAR02010.031	VC11 (0.00m)	0	0	3	1.96	8.97	18.2	24	27.8		21.4	18					20.9	4.33	28	6.96	18.7	11.1		35.6	46.3	25900
MAR02010.032	VC11 (2.00m)	0	0	1.71	<1	4.16	8.77	11.6	17.4		15	8.29					12.1	2.72	13.1	5.5	9.74	8.67		30.7	18.7	17800
MAR02010.033	VC11 (3.50m)	0	0	1.76	<1	4.12	8.07	10.8	15.4		14.1	9.09					11.8	2.46	13.9	6.25	8.7	8.9		28.4	19	20700
MAR02010.034	VC12 (0.00m)	0	0	98	89.2	389	711	946	852		658	789					800	123	1150	154	595	267		733	1750	585000
MAR02010.035	VC12 (2.00m)	0	0	1.51	<1	3.22	6.68	9.06	15.6		11.5	6.62					8.72	2.04	9.07	4.53	7.68	7.07		21.2	14.9	32600
MAR02010.036	VC12 (4.50m)	0	0	<1	<1	3.77	7.71	9.94	18.4		13.4	6.38					11.4	2.26	11.4	5.81	9.79	9.56		27.9	17.6	22200
MAR02010.037	VC13 (0.00m)	0	0	3.59	2.52	9.85	18.9	25.9	25.4		23.4	19.7					22.4	4.18	30.1	8.69	17.4	9.82		33.3	50.9	26000
MAR02010.038	VC13 (1.00m)	0	0	2.36	1.42	5.23	9.46	12	17.3		21.3	6.62					20.3	3.15	15.2	9.2	7.16	11		42.6	20.5	36500
MAR02010.039	VC13 (2.00m)	0	0	4.24	2.27	7.38	16.9	21.2	27		41.7	14.5					30	3.95	26.5	17.3	13	19.4		75.5	37.9	71500
MAR02010.040	VC14 (0.00m)	0	0	1.39	<1	3.27	8.15	13.1	13		19.4	10.7					11.5	2.21	11.3	3.59	7.6	6.21		22.4	15.3	12600
MAR02010.041	VC14 (1.00m)	0	0	9.67	2.82	18.2	37.4	42	63.1		96.7	26.7					84.8	8.82	73.3	31.2	22.6	23.8		164	105	86300
MAR02010.042	VC14 (1.50m)	0	0	19.4	5.29	28.3	37.5	43.6	62.4		115	32.4					84.3	9.9	63.5	59	24.6	47.6		201	104	130000
MAR1438.001	NVC01B 0.00	0	0	191	33.4	370	649	601	577		458	264					659	77.9	1400	176	376	232		1100	1390	329000
MAR1438.002	NVC01B 0.50	0	0	12.7	6.93	17.3	40.3	48.1	88.4		143	16.9					130	16.6	68.7	63.6	31.5	104		302	101	187000
MAR1438.003	NVC01B 1.00	0	0	16.7	7.91	23.9	48.2	57.4	105		163	19.7					162	18.5	85.6	76	38.3	118		369	132	233000
MAR1438.004	NVC02 0.00	0	0	117	42.9	367	761	714	751		608	301					787	118	1580	174	557	219		839	1640	283000
MAR1438.005	NVC02 2.00	0	0	1700	235	2350	5430	5210	4780		3680	2310					5750	619	11800	1480	3460	1130		7250	11100	2190000
MAR1438.006	NVC02 3.50	0	0	31.3	10.6	38.1	98.2	136	155		362	40.5					156	29.1	149	136	86.6	219		457	193	221000
MAR1438.007	NVC03A 0.00	0	0	56.5	38.6	205	461	476	488		460	200					489	72.2	838	95	412	195		518	961	594000
MAR1438.008	NVC03A 0.50	0	0	10.6	7.9	19.4	44.8	47.4	57.7		94.6	15					92.2	10.3	65.6	44.5	28.1	56.2		186	100	166000
MAR1438.009	NVC04 0.00	0	0	72.8	55.4	256	551	611	650		585	346					569	103	967	120	531	243		612	1140	605000
MAR1438.010	NVC04 1.50	0	0	212	68.6	589	1120	999	1070		786	550					1130	158	2530	245	692	300		1210	2310	862000
MAR1438.011	NVC04 2.00	0	0	163	66.9	596	1020	928	1030		777	453					1070	155	2130	290	756	328		1120	2050	993000
MAR1438.012	NVC04 3.50	0	0	269	92.6	747	1590	1550	1680		1260	907					1660	205	3030	449	1170	550		1630	3110	2250000
MAR1438.013	NVC05 0.00	0	0	67.7	37.6	200	431	457	517		455	251					456	72.2	797	98.6	399	194		489	975	577000
MAR1438.014	NVC05 1.00	0	0	237	70.1	1050	1860	1520	1660		1070	726					1940	207	4290	419	1110	310		1620	3790	1190000
MAR1438.015	NVC05 2.00	0	0	154	84.3	528	931	908	1110		858	446					1050	143	1890	350	825	485		1260	2090	3900000
MAR1438.016	NVC06 0.00	0	0	124	55.4	283	589	615	634		565	310					606	90.9	1080	148	499	233		661	1180	729000
MAR1438.017	NVC06 1.00	0	0	266	68.3	591	995	912	986		762	430					1040	145	2340	285	724	320		1460	2210	856000
MAR1438.018	NVC06 1.50	0	0	176	83.5	579	1400	1200	1260		869	496					1390	166	2880	235	882	301		1420	2760	855000
MAR1438.019	VCN03A 0.00	0	0	86.8	54.2	227	469	501	467		486	300					480	83.2	826	109	436	189		531	938	563000
MAR1438.020	VCN03A 0.30	0	0	16.8	7.9	23.1	49	55.5	98.7		144	26.6					148	17.8	88.4	82.5	36.6	124		346	126	252000
MAR1438.021	VCN04A 0.00	0	0	69.5	39.4	195	423	459	484		458	207					448	83.4	708	119	396	229		479	858	522000
MAR1438.022	VCN04A 0.35	0	0	16.3	7.42	20.6	44.8	54.7	94		164	16					147	16.2	80.1	71.7	39.7	74.5		328	119	248000
MAR1438.023	VCN05A 0.00	0	0	50.8	34.9	168	342	350	411		410	202					379	71.4	642	97	323	179		503	730	490000
MAR1438.024	VCN05A 0.30	0	0	16.1	6.84	20	43.8	53.6	94.8		160	22.8					132	15.4	74.5	79.3	34.2	78.8		315	117	229000
MAR1438.025	VCN05A 0.65	0	0	21.3	7.89	35	63	64.9	106		186	26.6					148	20.3	93.5	87.9	52.3	142		376	140	235000
MAR1438.026	VCN06A 0.00	0	0	59.4	34.8	157	356	400	432		416	224					370	66.8	583	73.4	359	176		364	739	464000
MAR1438.027	VCN06A 0.20	0	0	95.8	58.1	282	587	639	712		662	305					625	113	1040	147	580	279		672	1250	804000
MAR1438.028	VCN06A 0.50	0	0	17.5	7.96	22	48.3	57.3	97.3		165	25.9					146	16.1	80.1	90	39.3	184		371	119	243000
MAR1438.038	VCN14 0.00	0	0	48.2	36.2	174	375	424	453		418	212					397	74.5	657	81.1	382	177		429	761	463000
MAR1438.039	VCN14 0.50	0	0	13.6	7.31	18.2	42.1	53	87.8		154	19.5					132	18.1	72.9	70.8	42.2	110		308	105	234000
MAR1438.040	VCN15 0.00	0	0	43.4	51.2	147	333	380	433		405	184					359	71.6	561	74.8	368	161		359	706	498000
MAR1438.041	VCN15 0.50	0	0	8.7	4.54	12.5	23.2	26	46.1		67.2	9.61					67.5	7.88	41.9	45.2	14.6	64.2		183	60.8	111000
MAR1438.042	VCN16 0.00	0	0	57.1	36.1	147	294	329	377		356	180					317	51.4	511	77.9	315	177		346	635	444000
MAR1438.043	VCN16 0.30	0	0	14.9	6.69	18.7	39.9	46.9	81.4		141	19.3					135	15.3	68.6	76.3	31.3	74.4		317	107	231000
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Organohalogens

Explanatory Notes:
Results above Action Level 1 will be highlighted in blue and above Action Level 2 in red.
ICES7 is the sum of PCB 28,52,101,138,153,180 and 118.

Definitions:

AHCH	alpha-Hexachlorcyclohexane
BHCH	beta-Hexachlorcyclohexane
GHCH	gamma-Hexachlorcyclohexane
DIELDRIN	Dieldrin
HCB	Hexachlorobenzene
PPDDE	p,p'-Dichorodiphenyldicloroethylene
PPDDT	p,p'-Dichorodiphenyltrichloroethane
PPTDE	p,p'-Dichorodiphenyldicloroethan

Sample information:

µg/kg

Sample ID	Dredge area	Type of sample	Sample depth (m)	PCB28	PCB52	PCB101	PCB118	PCB138	PCB153	PCB18	PCB105	PCB110	PCB128	PCB141	PCB149	PCB151	PCB156	PCB158	PCB170	PCB180	PCB183	PCB187	PCB194	PCB31	PCB44	PCB47	PCB49	PCB66	ICES7	AHCH	BHCH	GHCH	DIELDRIN	HCB	DDE	DDT	TDE	BDE100	BDE138	BDE153	BDE154	BDE17	BDE183	BDE209	BDE28	BDE47	BDE66	BDE85	BDE99
MAR02010.00	VC01 (0.00m)	0	0	3.42	3.52	3.67	3.49	7.18	8.36											6.12									35.8																				
MAR02010.00	VC01 (1.00m)	0	0	0.1	<0.08	<0.08	<0.08	<0.08	0.13											<0.08									0.52																				
MAR02010.00	VC01 (1.50m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.08																				
MAR02010.00	VC02 (0.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.00	VC02 (3.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.00	VC02 (4.50m)	0	0	1.36	1.29	1.46	1.51	2.17	2.82											2.14									12.7																				
MAR02010.00	VC03 (0.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.00	VC03 (1.00m)	0	0	<0.08	<0.08	<0.08	<0.08	0.1	0.14											0.12									0.6																				
MAR02010.00	VC03 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.01	VC04 (0.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.01	VC04 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.01	VC04 (3.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.01	VC05 (0.00m)	0	0	0.39	0.29	0.35	0.47	0.41	0.68											0.42									3.02																				
MAR02010.01	VC05 (1.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.01	VC05 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.01	VC06 (0.00m)	0	0	0.36	0.37	0.47	0.6	0.53	0.79											0.5									3.61																				
MAR02010.01	VC06 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									0.08																				
MAR02010.01	VC06 (3.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.01	VC07 (0.00m)	0	0	0.62	0.59	0.74	0.74	0.92	1.49											1.04									6.14																				
MAR02010.02	VC07 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.02	VC07 (3.00m)	0	0	0.11	<0.08	0.12	0.13	0.11	0.24											0.12									0.9																				
MAR02010.02	VC08 (0.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.02	VC08 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.02	VC08 (3.50m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.02	VC09 (0.00m)	0	0	0.95	4.98	29.8	10.3	51.2	84.4											81.9									263																				
MAR02010.02	VC09 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.02	VC09 (3.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.02	VC10 (0.00m)	0	0	0.66	0.66	0.8	0.94	1.01	1.38											1.03									6.48																				
MAR02010.02	VC10 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.03	VC10 (3.50m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.03	VC11 (0.00m)	0	0	0.22	0.22	0.35	0.2	0.45	0.67											0.53									2.63																				
MAR02010.03	VC11 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.03	VC11 (3.50m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.03	VC12 (0.00m)	0	0	1.43	1.13	1.37	1.35	1.88	2.75											1.81									11.7																				
MAR02010.03	VC12 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.03	VC12 (4.50m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.03	VC13 (0.00m)	0	0	0.09	<0.08	<0.08	0.09	0.13	0.1											<0.08									0.62																				
MAR02010.03	VC13 (1.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.03	VC13 (2.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.04	VC14 (0.00m)	0	0	<0.08	<0.08	<0.08	0.08	0.09	0.09											<0.08									<0.56																				
MAR02010.04	VC14 (1.00m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR02010.04	VC14 (1.50m)	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									<0.56																				
MAR1438.001	NVC01B 0.00	0	0	1.16	1.32	1.39	1.41	2.02	2.12											1.53									10.95																				
MAR1438.002	NVC01B 0.50	0	0	0.1	0.09	<0.08	<0.08	<0.08	<0.08											<0.08									0.59																				
MAR1438.003	NVC01B 1.00	0	0	0.18	0.18	0.14	0.11	0.11	0.24											0.22									1.18																				
MAR1438.004	NVC02 0.00	0	0	11.1	7.77	4.95	4.47	9.94	10.5											9.37									58.1																				
MAR1438.005	NVC02 2.00	0	0	2.01	4.89	4.84	4.13	7.83	7.45											5.05									36.2																				
MAR1438.006	NVC02 3.50	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									0.56																				
MAR1438.007	NVC03A 0.00	0	0	1.15	0.99	1.04	1.11	1.44	1.83											1.3									8.86																				
MAR1438.008	NVC03A 0.50	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									0.56																				
MAR1438.009	NVC04 0.00	0	0	1.39	1.47	1.71	1.77	3.19	3.17											1.97									14.67																				
MAR1438.010	NVC04 1.50	0	0	1.57	2.07	1.74	1.52	2.92	3.28											2.37									15.47																				
MAR1438.011	NVC04 2.00	0	0	3.95	4.4	3.88	3.61	4.71	6.17											3.89									30.61																				
MAR1438.012	NVC04 3.50	0	0	21.9	30.5	29	16.6	49.7	88.2											71.1									307																				
MAR1438.013	NVC05 0.00	0	0	1.92	1.98	2.07	2.11	3.13	3.33											2.89									17.43																				
MAR1438.014	NVC05 1.00	0	0	5.81	6.04	5.47	4.99	7.58	10.7											6.83									47.42																				
MAR1438.015	NVC05 2.00	0	0	45.2	38.3	11.9	9.44	16.8	21.9											16.3									159.84																				
MAR1438.016	NVC06 0.00	0	0	4.01	3.55	2.78	2.26	3.52	4.57											2.87									23.56																				
MAR1438.017	NVC06 1.00	0	0	2.89	2.95	2.81	2.58	3.58	4.8											3.05									22.66																				
MAR1438.018	NVC06 1.50	0	0	3.18	4.09	3.18	2.7	3.88	4.53											3.46									25.02																				
MAR1438.019	VCN03A 0.00	0	0	1.82	1.88	1.83	1.66	2.51	3.24											2.27									15.21																				
MAR1438.020	VCN03A 0.30	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									0.56																				
MAR1438.021	VCN04A 0.00	0	0	1.53	1.5	1.51	1.38	2.2	2.95											2.19									13.26																				
MAR1438.022	VCN04A 0.35	0	0	0.1	<0.08	<0.08	<0.08	<0.08	0.12											<0.08									0.62																				
MAR1438.023	VCN05A 0.00	0	0	0.82	1.14	1.18	1.19	1.42	1.47											1.08									8.3																				
MAR1438.024	VCN05A 0.30	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									0.56																				
MAR1438.025	VCN05A 0.65	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									0.56																				
MAR1438.026	VCN06A 0.00	0	0	1.39	1.35	1.38	1.53	2.28	2.75											1.82									12.5																				
MAR1438.027	VCN06A 0.20	0	0	1.8	1.9	1.82	1.83	3.63	3.54											2.63									17.15																				
MAR1438.028	VCN06A 0.50	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									0.56																				
MAR1438.038	VCN14 0.00	0	0	1.38	1.37	1.35	1.4	2.06	2.8											1.73									12.09																				
MAR1438.039	VCN14 0.50	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									0.56																				
MAR1438.040	VCN15 0.00	0	0	1.39	1.56	2.45	2.87	2.13	2.62											1.75									14.77																				
MAR1438.041	VCN15 0.50	0	0	0.09	0.1	<0.08	<0.08	<0.08	<0.08											<0.08									0.59																				
MAR1438.042	VCN16 0.00	0	0	0.65	0.69	0.6	0.61	1.04	0.92											0.73									5.24																				
MAR1438.043	VCN16 0.30	0	0	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08											<0.08									0.56																				
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PR Details

Total amount to be dredged (wet tonnes)	

Explanatory Notes:
The values entered for each determinand should be an average wet weight concentration from all the samples representing the material to be disposed to sea. They should be entered in the units stated in the Unit of measurement column in the table below.
Results above Action Level 1 will be highlighted in blue and above Action Level 2 in red.

Average for the total dredge area:

Sample ID	Unit of measurement	
Total Solids	%	68.05
Gravel	%	7.32
Sand	%	24.65
Silt	%	68.03
Arsenic (As)	mg/kg	6.1
Cadmium (Cd)		0.31
Chromium (Cr)		32.3
Copper (Cu)		21
Mercury (Hg)		0.23
Nickel (Ni)		28.3
Lead (Pb)		27.5
Zinc (Zn)		64.8
Dibutyltin (DBT)		0.006
Tributyltin (TBT)		0.007
Acenapth	µg/kg	43.1
Acenapthylene		16.1
Anthracn		100
BAA		203
BAP		208
BBF		218
BEP		
Benzghip		205
BKF		113
C1N		
C1PHEN		
C2N		
C3N		
Chrysene		233
Debenzah		32
Flurant		407
Fluorene		70.7
Indypr		153
napth		89.1
perylene		
phenant		314
pyrene		433
THC		219342
PCB28		0.97
PCB52		1.03
PCB101		1
PCB118		0.72
PCB138		1.56
PCB153		2.26
PCB18		
PCB105		
PCB110		
PCB128		
PCB141		
PCB149		
PCB151		
PCB156		
PCB158		
PCB170		
PCB180		1.85
PCB183		
PCB187		
PCB194		
PCB31		
PCB44		
PCB47		
PCB49		
PCB66		
ICES7		9.36
AHCH		
BHCH		
GHCH		
DIELDRIN		
HCB		
DDE		
DDT		
TDE		
BDE100		
BDE138		
BDE153		
BDE154		
BDE17		
BDE183		
BDE209		
BDE28		
BDE47		
BDE66		
BDE85		
BDE99		

Comments:

Laboratory Details

Explanatory Notes:
Please complete a separate worksheet for each laboratory (e.g. complete 'Laboartory_1' worksheet for 1 laboratory and complete 'Laboartory_2' worksheet for a second laboratory). If there are more than 3 laboratories then please contact MS-LOT.

Laboratory 1 Details:

Laboratory name:	SOCOTEC
Year:	2023

LabRefMat	**Q1**	Does the laboratory carrying out the analyses undertake the analysis of blank samples and laboratory reference materials with each batch of samples of waste and other material dumped in the maritime area that is analysed by that laboratory?	Yes
CompAnal	**Q2**	Does the laboratory carrying out the analyses undertake periodic comparative analysis of laboratory reference materials and certified reference materials?	Yes
QAQC	**Q3**	Does the laboratory carrying out the analyses undertake the compilation of quality control charts based upon the data resulting from the analyses of the laboratory reference materials and certified reference materials, and the use of those quality control charts to monitor analytical performance in relation to all samples of dumped wastes or other materials?	Yes
InterlabCaleb	**Q4**	Does the laboratory carrying out the analyses undertake periodic participation in interlaboratory comparison exercises, including, where possible, international comparison exercises?	Yes
InternatCaleb	**Q5**	Does the laboratory carrying out the analyses undertake periodic participation in national and, where possible, international laboratory proficiency schemes?	Yes
SpikedSamples	**Q6**	If the answer to questions 4 or 5 is 'Yes' then does the laboratory analyse samples of substances which are provided by the organisers of the scheme?	Yes
BlindSamples	**Q7**	If the answer to questions 4 or 5 is 'Yes' then does the laboratory confirm that the composition of those samples is not disclosed in advance?	Yes
Ranking	**Q8**	If the answer to questions 4 or 5 is 'Yes' then does the laboratory confirm that the results of the scheme for each participating laboratory are made available to all participating laboratories?	Yes
FracAnal	**Q9**	Enter the size fraction that is analysed i.e. Whole or less than 63µm etc.	<63um(metals)
GranMeth	**Q10**	PSA method	Distribution by wet & dry sieving and laser detraction
OCMeth	**Q11**	Organic Carbon method	Carbonate removal and sulfurous acid/combustion at 1600°C/NDIR,
MetExtrType	**Q12**	Method of extraction used for metal analysis	Aquaregia
MethOfDetMetals	**Q13**	Method of detection used for metal analysis	ICP-MS
PAHExtrType	**Q14**	Method of extraction used for poly aromatic hydrocarbon analysis	Methanol/DCM solvent extraction with silica clean up and copper clean up stages
MethOfDetPAH	**Q15**	Method of detection used for poly aromatic hydrocarbons analysis	GCMS
OHExtrType	**Q16**	Method of extraction used for organohalogens inc PCBs, pesticides, flame retardants etc analysis	Ultrasonic acetone/hexane solvent extraction
MethOfDetOH	**Q17**	Method of detection used for organohalogens inc PCBs, pesticides, flame retardants etc analysis	GCMSMS
OTExtrType	**Q18**	Method of extraction used for organotin analysis	Derivatisation and solvent extraction
MethOfDetOT	**Q19**	Method of detection used for organotin analysis	GCMS

		LOD/LOQ	Precision (%)	Recovery (%)
mg/kg	Hg	0.01	4.2	105
	As	0.5	2.7	102
	Cd	0.04	3.6	102
	Cu	0.5	2.9	104
	Pb	0.5	3	105
	Zn	2	2.6	105
	Cr	0.5	3.1	104
	Ni	0.5	3.6	103
	TBT	0.001	12.62	88
	DBT	0.001	12.62	90
µg/kg	PCB28	0.08	12.56	72
	PCB31	0.08	5.3	105
	PCB44	0.08	5.7	83
	PCB47	0.08	5.7	103
	PCB49	0.08	5.2	100
	PCB52	0.08	6.999	91
	PCB66	0.08	10.7	93
	PCB101	0.08	8.43	88
	PCB105	0.08	8.6	85
	PCB110	0.08	5.2	96
	PCB118	0.08	14.61	104
	PCB128	0.08	7.6	103
	PCB138+163	0.08	12.93	94
	PCB141	0.08	7.6	98
	PCB149	0.08	6.7	80
	PCB151	0.08	7.6	101
	PCB153	0.08	7.41	94
	PCB156	0.08	8.4	125
	PCB158	0.08	7.6	89
	PCB170	0.08	6	93
	PCB180	0.08	9.85	96
	PCB183	0.08	6.2	86
	PCB187	0.08	6.6	90
	PCB194	0.08	6.5	89
	DDE			
	DDT			
	DDD			
	Dieldrin			
	Lindane			
	HCB			
	BDE17			
	BDE28			
	BDE47			
	BDE66			
	BDE85			
	BDE99			
	BDE100			
	BDE138			
	BDE153			
	BDE154			
	BDE183			
	BDE209			
	ACENAPTH	1	6.68	73
	ACENAPHY	1	7.74	109
	ANTHRACN	1	4.95	69
	BAA	1	9.8	73
	BAP	1	9.07	58
	BBF	1	8.44	93
	BENZGHIP	1	13.46	41
	BEP	1	7.9	83
	BKF	1	8.9	86
	C1N	1	8.27	78
	C1PHEN	1	N/A	92
	C2N	1	N/A	112
	C3N	1	N/A	116
	CHRYSENE	1	7.87	92
	DBENZAH	1	19.23	113
	FLUORENE	1	5.25	52
	FLUORANT	1	4.36	91
	INDPYR	1	17.1	63
	NAPTH	1	3.02	64
	PERYLENE	1	N/A	50
	PHENANT	1	5.41	84
	PYRENE	1	4.29	81
	THC	100	N/A	87

Laboratory Details

Explanatory Notes:
Please complete a separate worksheet for each laboratory (e.g. complete 'Laboartory_1' worksheet for 1 laboratory and complete 'Laboartory_2' worksheet for a second laboratory). If there are more than 3 laboratories then please contact MS-LOT.

Laboratory 2 Details:

Laboratory name:	
Year:	

LabRefMat	**Q1**	Does the laboratory carrying out the analyses undertake the analysis of blank samples and laboratory reference materials with each batch of samples of waste and other material dumped in the maritime area that is analysed by that laboratory?	
CompAnal	**Q2**	Does the laboratory carrying out the analyses undertake periodic comparative analysis of laboratory reference materials and certified reference materials?	
QAQC	**Q3**	Does the laboratory carrying out the analyses undertake the compilation of quality control charts based upon the data resulting from the analyses of the laboratory reference materials and certified reference materials, and the use of those quality control charts to monitor analytical performance in relation to all samples of dumped wastes or other materials?	
InterlabCaleb	**Q4**	Does the laboratory carrying out the analyses undertake periodic participation in interlaboratory comparison exercises, including, where possible, international comparison exercises?	
InternatCaleb	**Q5**	Does the laboratory carrying out the analyses undertake periodic participation in national and, where possible, international laboratory proficiency schemes	
SpikedSamples	**Q6**	If the answer to questions 4 or 5 is 'Yes' then does the laboratory analyse samples of substances which are provided by the organisers of the scheme?	
BlindSamples	**Q7**	If the answer to questions 4 or 5 is 'Yes' then does the laboratory confirm that the composition of those samples is not disclosed in advance?	
Ranking	**Q8**	If the answer to questions 4 or 5 is 'Yes' then does the laboratory confirm that the results of the scheme for each participating laboratory are made available to all participating laboratories?	
FracAnal	**Q9**	Enter the size fraction that is analysed i.e. Whole or less than 63µm etc.	
GranMeth	**Q10**	PSA method	
OCMeth	**Q11**	Organic Carbon method	
MetExtrType	**Q12**	Method of extraction used for metal analysis	
MethOfDetMetals	**Q13**	Method of detection used for metal analysis	
PAHExtrType	**Q14**	Method of extraction used for poly aromatic hydrocarbon analysis	
MethOfDetPAH	**Q15**	Method of detection used for poly aromatic hydrocarbons analysis	
OHExtrType	**Q16**	Method of extraction used for organohalogens inc PCBs, pesticides, flame retardants etc analysis	
MethOfDetOH	**Q17**	Method of detection used for organohalogens inc PCBs, pesticides, flame retardants etc analysis	
OTExtrType	**Q18**	Method of extraction used for organotin analysis	
MethOfDetOT	**Q19**	Method of detection used for organotin analysis	

		LOD/LOQ	Precision (%)	Recovery (%)
mg/kg	Hg			
	As			
	Cd			
	Cu			
	Pb			
	Zn			
	Cr			
	Ni			
	TBT			
	DBT			
µg/kg	PCB28			
	PCB31			
	PCB44			
	PCB47			
	PCB49			
	PCB52			
	PCB66			
	PCB101			
	PCB105			
	PCB110			
	PCB118			
	PCB128			
	PCB138+163			
	PCB141			
	PCB149			
	PCB151			
	PCB153			
	PCB156			
	PCB158			
	PCB170			
	PCB180			
	PCB183			
	PCB187			
	PCB194			
	DDE			
	DDT			
	DDD			
	Dieldrin			
	Lindane			
	HCB			
	BDE17			
	BDE28			
	BDE47			
	BDE66			
	BDE85			
	BDE99			
	BDE100			
	BDE138			
	BDE153			
	BDE154			
	BDE183			
	BDE209			
	ACENAPTH			
	ACENAPHY			
	ANTHRACN			
	BAA			
	BAP			
	BBF			
	BENZGHIP			
	BEP			
	BKF			
	C1N			
	C1PHEN			
	C2N			
	C3N			
	CHRYSENE			
	DBENZAH			
	FLUORENE			
	FLUORANT			
	INDPYR			
	NAPTH			
	PERYLENE			
	PHENANT			
	PYRENE			
	THC			

Laboratory Details

Explanatory Notes:
Please complete a separate worksheet for each laboratory (e.g. complete 'Laboartory_1' worksheet for 1 laboratory and complete 'Laboartory_2' worksheet for a second laboratory). If there are more than 3 laboratories then please contact MS-LOT.

Laboratory 3 Details:

Laboratory name:	
Year:	

LabRefMat	**Q1**	Does the laboratory carrying out the analyses undertake the analysis of blank samples and laboratory reference materials with each batch of samples of waste and other material dumped in the maritime area that is analysed by that laboratory?	
CompAnal	**Q2**	Does the laboratory carrying out the analyses undertake periodic comparative analysis of laboratory reference materials and certified reference materials?	
QAQC	**Q3**	Does the laboratory carrying out the analyses undertake the compilation of quality control charts based upon the data resulting from the analyses of the laboratory reference materials and certified reference materials, and the use of those quality control charts to monitor analytical performance in relation to all samples of dumped wastes or other materials?	
InterlabCaleb	**Q4**	Does the laboratory carrying out the analyses undertake periodic participation in interlaboratory comparison exercises, including, where possible, international comparison exercises?	
InternatCaleb	**Q5**	Does the laboratory carrying out the analyses undertake periodic participation in national and, where possible, international laboratory proficiency schemes	
SpikedSamples	**Q6**	If the answer to questions 4 or 5 is 'Yes' then does the laboratory analyse samples of substances which are provided by the organisers of the scheme?	
BlindSamples	**Q7**	If the answer to questions 4 or 5 is 'Yes' then does the laboratory confirm that the composition of those samples is not disclosed in advance?	
Ranking	**Q8**	If the answer to questions 4 or 5 is 'Yes' then does the laboratory confirm that the results of the scheme for each participating laboratory are made available to all participating laboratories?	
FracAnal	**Q9**	Enter the size fraction that is analysed i.e. Whole or less than 63µm etc.	
GranMeth	**Q10**	PSA method	
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MetExtrType	**Q12**	Method of extraction used for metal analysis	
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		LOD/LOQ	Precision (%)	Recovery (%)
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	TBT			
	DBT			
µg/kg	PCB28			
	PCB31			
	PCB44			
	PCB47			
	PCB49			
	PCB52			
	PCB66			
	PCB101			
	PCB105			
	PCB110			
	PCB118			
	PCB128			
	PCB138+163			
	PCB141			
	PCB149			
	PCB151			
	PCB153			
	PCB156			
	PCB158			
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	PCB180			
	PCB183			
	PCB187			
	PCB194			
	DDE			
	DDT			
	DDD			
	Dieldrin			
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	C2N			
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	NAPTH			
	PERYLENE			
	PHENANT			
	PYRENE			
	THC			