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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:	Forth Ports Ltd
Description of dredging:	Port of Dundee Maintenance Dredging
Total amount to be dredged (wet tonnes)	210,000

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
MAR01714.00	Dundee 01	56°27.665'N	002°57.202'W	Grab	0	40.2	0	34.48	65.52	2.5	2.62	No
MAR01714.00	Dundee 02	56°27.765'N	002°56.840'W	Grab	0	33.1	0	20.27	79.73	3.34	2.59	No
MAR01714.00	Dundee 03	56°27.795'N	002°56.607'W	Grab	0	31.8	0	32.78	67.22	3.68	2.58	No
MAR01714.00	Dundee 04	56°27.850'N	002°56.283'W	Grab	0	51.1	0	37.47	62.53	1.68	2.62	No
MAR01714.00	Dundee 05	56°27.880'N	002°56.245'W	Grab	0	48.5	0	29.04	70.96	3.21	2.61	No
MAR01714.00	Dundee 06	56°27.900'N	002°56.048'W	Grab	0	43.3	0	32.41	67.59	2.22	2.59	No
MAR01714.00	Dundee 07	56°27.842'N	002°55.491'W	Grab	0	45.9	8.28	32.72	59	2.58	2.58	No
MAR01714.00	Dundee 08	56°27.734'N	002°56.304'W	Grab	0	52.6	9.49	31.96	58.55	0.88	2.62	No
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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)	Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Copper (Cu)	Mercury (Hg)	Nickel (Ni)	Lead (Pb)	Zinc (Zn)	Dibutyltin (DBT)	Tributyltin (TBT)
				mg/kg dry weight									
MAR01714.00	Dundee 01	Grab	0	11	0.21	43.4	23.1	0.12	29.2	27.4	101	<0.005	<0.005
MAR01714.00	Dundee 02	Grab	0	13.3	0.23	52.9	24.9	0.14	35	35.2	107	<0.005	<0.005
MAR01714.00	Dundee 03	Grab	0	14.8	0.22	54.8	26.5	0.15	37	37.3	110	<0.005	<0.005
MAR01714.00	Dundee 04	Grab	0	7.4	0.2	36.3	18	0.11	24.7	21.4	88.5	<0.005	<0.005
MAR01714.00	Dundee 05	Grab	0	10	0.14	38.6	19	0.1	25.2	24.4	74.9	<0.005	<0.005
MAR01714.00	Dundee 06	Grab	0	11.3	0.19	43.3	25.2	0.18	29	31.9	101	<0.005	<0.005
MAR01714.00	Dundee 07	Grab	0	11.3	0.31	44.9	23.3	0.12	29.8	31.5	91.4	<0.005	<0.005
MAR01714.00	Dundee 08	Grab	0	5.1	0.21	17	9	0.09	11.9	10.5	41.7	<0.005	<0.005
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Polyaromatic Hydrocarbons (PAH)

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

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:

Sample ID	Dredge area	Type of sample	Sample depth (m)	μg/kg																								
				ACENAPTH	ACENAPHY	ANTHRACN	BAA	BAP	BBF	BEP	BENZGHIP	BKF	C1N	C1PHEN	C2N	C3N	CHRYSENE	DBENZAH	FLUORANT	FLUORENE	INDPYR	NAPTH	PERYLENE	PHENANT	PYRENE	THC
MAR01714.001	Dundee 01	Grab	0	14.1	33.9	69.9	143	177	158		151	144					141	24.6	284	38.7	158	28.4		251	322	162000
MAR01714.002	Dundee 02	Grab	0	<5	<5	25.1	80.9	105	151		132	118					94.2	21.8	144	<5	140	28.1		80.9	145	221000
MAR01714.003	Dundee 03	Grab	0	<5	<5	34.9	98.4	128	172		152	138					109	27.6	187	<5	170	37.7		118	187	229000
MAR01714.004	Dundee 04	Grab	0	11.6	10.2	23.6	76.3	104	121		102	99.8					79.5	17.7	136	15.1	114	20.1		70.9	136	144000
MAR01714.005	Dundee 05	Grab	0	<5	<5	16.3	59	78.5	106		98	90					64.6	16.4	99.1	<5	105	19.6		54.3	99.6	132000
MAR01714.006	Dundee 06	Grab	0	78.8	19.8	129	200	226	214		175	190.0					202	35.6	480	72.4	203	39.9		437	420	184000
MAR01714.007	Dundee 07	Grab	0	11.3	11.9	22.3	77	108	124		118	105					80.5	19.8	139	15.7	127	23.5		75.8	136	145000
MAR01714.008	Dundee 08	Grab	0	<5	<5	<5	18.4	26.7	39		33.9	29.5					19.1	<5	32.1	<5	35.5	<5		16.8	33.9	57700
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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'-Dichorodiphenyldicloroethane

Sample information:

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
				µg/kg																																															
MAR01714.00	Dundee 01	Grab	0	0.12	<0.08	0.14	0.21	0.25	0.32											0.15									1.27	<0.1	<0.1	<0.1	0.25	0.17	1.2	0.27	0.67	<0.05	<0.05	<0.05	<0.05	<0.05	0.12	182	<0.05	0.09	<0.05	<0.05	0.05
MAR01714.00	Dundee 02	Grab	0	0.16	0.1	0.14	0.19	0.33	0.37											0.17									1.46	<0.1	<0.1	<0.1	0.46	0.21	1.28	0.25	0.71	0.06	<0.05	0.06	0.06	<0.05	0.1	105	<0.05	0.14	<0.05	<0.05	0.08
MAR01714.00	Dundee 03	Grab	0	0.16	0.09	0.18	0.26	0.23	0.4											0.12									1.44	<0.1	<0.1	<0.1	0.4	0.18	1.62	0.43	0.81	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	120	<0.05	0.12	<0.05	<0.05	0.07
MAR01714.00	Dundee 04	Grab	0	0.2	0.13	0.18	0.22	0.22	0.23											0.21									1.39	<0.1	<0.1	<0.1	0.13	<0.1	0.86	0.32	0.47	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	144	<0.05	0.07	<0.05	<0.05	<0.05
MAR01714.00	Dundee 05	Grab	0	0.17	0.1	0.18	0.25	0.38	0.35											0.17									1.6	<0.1	<0.1	<0.1	0.39	0.23	1.07	0.41	0.83	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	109	<0.05	0.14	<0.05	<0.05	0.1
MAR01714.00	Dundee 06	Grab	0	0.14	0.11	0.19	0.23	0.36	0.39											0.17									1.59	<0.1	<0.1	<0.1	0.18	0.18	0.91	0.2	0.69	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	182	<0.05	0.07	<0.05	<0.05	<0.05
MAR01714.00	Dundee 07	Grab	0	0.13	<0.08	0.12	0.18	0.12	0.18											0.11									0.92	<0.1	<0.1	<0.1	0.24	0.14	0.84	<0.1	0.48	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	152	<0.05	0.09	<0.05	<0.05	0.05
MAR01714.00	Dundee 08	Grab	0	<0.08	<0.08	<0.08	0.08	0.14	0.16											<0.08									0.7	<0.1	<0.1	<0.1	<0.1	0.11	0.4	<0.1	0.21	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	123	<0.05	0.05	<0.05	<0.05	<0.05
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PR Details

Total amount to be dredged (wet tonnes) 210,000

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	%	43.3
Gravel	%	2.22
Sand	%	31.39
Silt	%	66.39
Arsenic (As)	mg/kg	4.5
Cadmium (Cd)		0.09
Chromium (Cr)		17.8
Copper (Cu)		9.1
Mercury (Hg)		0.06
Nickel (Ni)		11.9
Lead (Pb)		11.8
Zinc (Zn)		38.9
Dibutyltin (DBT)		<0.005
Tributyltin (TBT)		<0.005
Acenapth	µg/kg	8.87
Acenapthylene		6.61
Anthracn		17.3
BAA		39.4
BAP		50
BBF		56.4
BEP		
Benzghip		50
BKF		47.7
C1N		
C1PHEN		
C2N		
C3N		
Chrysene		41.1
Debenzah		9.06
Flurant		78.4
Fluorene		10.2
Indypr		54.7
napth		10.7
perylene		
phenant		57.6
pyrene		77.1
THC		65675
PCB28		<0.08
PCB52		<0.08
PCB101		<0.08
PCB118		0.09
PCB138		0.11
PCB153		0.13
PCB18		
PCB105		
PCB110		
PCB128		
PCB141		
PCB149		
PCB151		
PCB156		
PCB158		
PCB170		
PCB180		<0.08
PCB183		
PCB187		
PCB194		
PCB31		
PCB44		
PCB47		
PCB49		
PCB66		
ICES7		0.57
AHCH		<0.1
BHCH		<0.1
GHCH		<0.1
DIELDRIN		0.11
HCB		<0.1
DDE		0.44
DDT		0.11
TDE		0.26
BDE100		<0.05
BDE138		<0.05
BDE153		<0.05
BDE154		<0.05
BDE17		<0.05
BDE183		<0.05
BDE209		62.45
BDE28		<0.05
BDE47		<0.05
BDE66		<0.05
BDE85		<0.05
BDE99		<0.05

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	97
	As	0.5	2.7	101
	Cd	0.04	3.6	99
	Cu	0.5	2.9	101
	Pb	0.5	3	99
	Zn	2	2.6	102
	Cr	0.5	3.1	103
	Ni	0.5	3.6	103
	TBT	0.001	12.62	69
	DBT	0.001	12.62	71
µg/kg	PCB28	0.08	12.56	74
	PCB31			
	PCB44			
	PCB47			
	PCB49			
	PCB52	0.08	6.999	106
	PCB66			
	PCB101	0.08	8.43	102
	PCB105			
	PCB110			
	PCB118	0.08	14.61	104
	PCB128			
	PCB138+163	0.08	12.93	92
	PCB141			
	PCB149			
	PCB151			
	PCB153	0.08	7.41	115
	PCB156			
	PCB158			
	PCB170			
	PCB180	0.08	9.85	100
	PCB183			
	PCB187			
	PCB194			
	DDE	0.1	8.2	94
	DDT	0.1	10.6	55
	DDD	0.1	11	83
	Dieldrin	0.1	10.8	103
	Lindane	0.1	8.5	90
	HCB	0.1	2.8	123
	BDE17	0.05	7.6	104
	BDE28	0.05	2.8	111
	BDE47	0.05	3.4	95
	BDE66	0.05	8.5	116
	BDE85	0.05	14.4	93
	BDE99	0.05	9.3	84
	BDE100	0.05	5.3	115
	BDE138	0.05	10.1	85
	BDE153	0.05	6.5	96
	BDE154	0.05	3.9	108
	BDE183	0.05	11	106
	BDE209	0.1	4.5	90
	ACENAPTH	1	6.68	101
	ACENAPHY	1	7.74	116
	ANTHRACN	1	4.95	74
	BAA	1	9.8	72
	BAP	1	9.07	63
	BBF	1	8.44	97
	BENZGHIP	1	13.46	78
	BEP			
	BKF	1	8.9	80
	C1N			
	C1PHEN			
	C2N			
	C3N			
	CHRYSENE	1	7.87	89
	DBENZAH	1	19.23	135
	FLUORENE	1	5.25	61
	FLUORANT	1	4.36	91
	INDPYR	1	17.1	83
	NAPTH	1	3.02	64
	PERYLENE			
	PHENANT	1	5.41	84
	PYRENE	1	4.29	76
	THC	100	N/A	102

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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		LOD/LOQ	Precision (%)	Recovery (%)
mg/kg	Hg			
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	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			
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	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			

Grab	Yes
Core	No