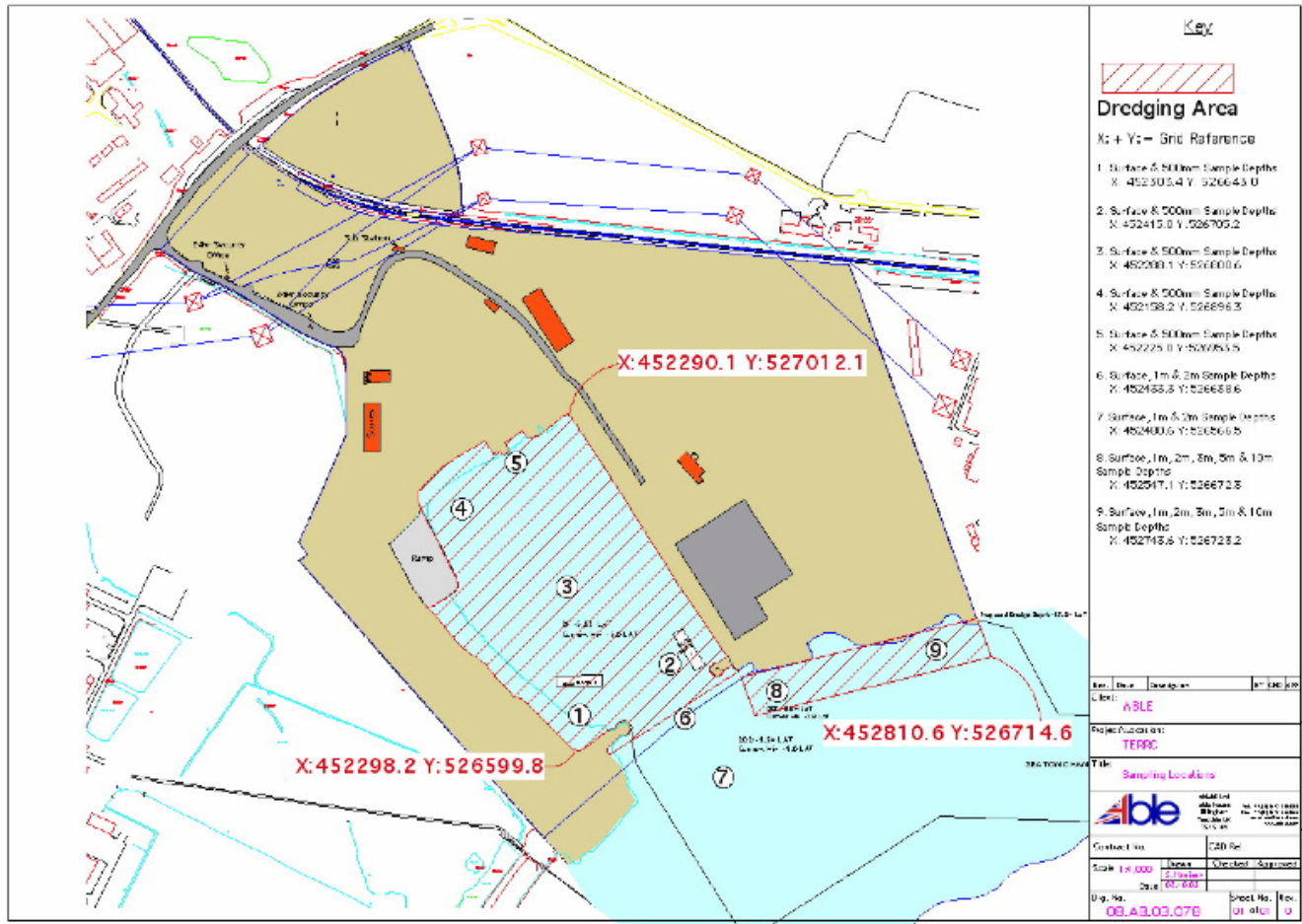


APPENDIX 20.4 – CEFAS DATA SHEETS



Note: Reference to sections of this document out of context may lead to misrepresentation

Metals and Tin Results for Defra/DAS:

32388 Tees

Licensee: PD Teesport

DC: 5905

Date Sampled: 26/06/2004

mg/kg (ppm)
Dry weight

LSN	Sample No.	Location	TS%	AS	CD	CR	CU	HG	NI	PB	ZN	DBT	TBT
2004/02261/2	1	Billingham Oil Jetty	28.50	19.30	1.47	140.35	108.77	1.79	42.11	603.51	456.14	0.068	0.083
2004/02264/2	2	Able Uk	35.20	19.89	1.65	164.77	116.48	1.88	42.61	659.09	548.30	0.072	0.089
2004/02267/2	3	Bamletts Wharf	40.30	21.84	1.69	193.55	131.51	2.46	42.18	642.68	555.83	0.064	0.114
2004/02268/2	4	Haverton Hill Basin	41.00	26.83	1.49	163.41	134.15	1.76	53.66	560.98	587.80	0.046	0.107
2004/02269/2	5	Haverton - East Quay	34.80	22.99	1.70	201.15	132.18	2.21	43.10	666.67	614.94	0.066	0.117
2004/02270/2	6	Linthorpe Dinsdale	38.00	20.26	1.16	110.53	100.00	1.66	42.11	544.74	397.37	0.056	0.094
2004/02271/2	7	Kaurner Port Clarence	32.40	23.46	1.51	163.58	108.02	1.57	43.21	660.49	632.72	0.061	0.083
2004/02272/2	8	Middlesborough Wharf	31.80	25.16	1.70	213.84	128.93	2.36	40.88	584.91	606.92	0.070	0.142
2004/02273/2	9	Cory Towage	55.90	23.26	1.00	134.17	119.86	1.45	35.78	341.68	574.24	0.057	0.142
2004/02274/2	10	Tilcon	55.60	14.75	0.63	61.15	61.15	0.81	23.38	230.22	312.95	0.038	0.078
2004/02275/2	11	Cochranes/ Tees Wharf/ Deed Water	46.60	25.75	1.22	141.63	175.97	1.80	36.48	390.56	1068.67	0.056	0.380
2004/02276/2	12	Normanby Wharf/ Graving Dock	30.80	26.95	1.30	126.62	116.88	1.46	38.96	422.08	577.92	0.075	0.150
2004/02277/2	13	Cargo Fleet Wharf	51.60	25.19	0.89	104.65	100.78	1.32	40.70	290.70	453.49	0.056	0.282
2004/02278/2	14	Tees Offshore Base Wharf	49.80	30.12	1.14	128.51	120.48	1.75	42.17	363.45	526.10	0.043	0.213
2004/02284/2	15	Tees Offshore base heavy lift	37.80	26.46	0.98	113.76	119.05	1.32	39.68	301.59	494.71	0.072	0.288
2004/02285/2	16	TOB Dry dock Entrance	31.20	28.85	1.09	102.56	125.00	1.47	38.46	317.31	503.21	0.094	0.253
2004/02286/2	17	Southbank and Dolphins	32.66	29.70	1.32	110.24	104.12	1.13	36.75	266.42	395.03	0.059	0.086
2004/02287/2	18	Tarmac Jetty	43.91	27.33	1.71	138.92	148.03	1.41	43.27	314.28	573.90	0.067	0.242
2004/02288/2	19	ICI Jetties	34.88	28.67	0.86	94.61	88.88	0.97	37.27	197.83	301.04	0.074	0.121
2004/02289/2	20	Teesport Oil Jetties	38.67	31.03	1.19	93.09	106.02	1.11	36.20	227.55	403.39	0.095	0.083
2004/02290/2	21	BASF Jetties	34.61	31.78	0.75	75.12	80.89	0.81	34.67	184.90	300.47	0.068	0.102
2004/02291/2	22	Tees Storage Co	38.62	28.48	0.75	98.38	88.03	0.88	38.84	173.47	258.91	0.071	0.096
2004/02292/2	23	Tees Dock	39.88	27.59	1.18	107.84	130.41	1.13	45.14	233.23	411.28	0.054	0.141
2004/02293/2	24	Teesport Container Terminal	32.24	28.54	0.65	108.56	207.81	2.26	40.32	151.98	257.44	0.164	0.058
2004/02294/2	25	Ex-Shell Jetty	33.47	29.88	0.51	86.65	149.39	1.55	38.84	143.42	230.06	0.248	0.060
2004/02295/2	26	Northumbrian water RSTC Jetty	51.00	17.45	0.78	135.29	505.87	6.67	37.25	121.57	254.90	0.041	0.054
2004/02296/2	27	Simon Storage Jetties	48.70	28.75	0.37	67.76	67.76	0.62	34.91	129.36	211.50	0.020	0.065
2004/02297/2	28	SLP (Obrecht) Offshore	46.40	20.91	1.27	278.02	109.91	1.81	32.33	405.17	469.83	0.040	0.060
2004/02298/2	29	SLP Bex Quay	31.00	25.81	1.06	119.35	119.35	1.52	41.94	306.45	464.52	0.055	0.143
2004/02299/2	30	Tees Offshore Base	32.50	27.08	1.08	126.15	113.85	1.35	40.00	347.69	461.54	0.065	0.129
2004/02300/2	31	Dawson's Wharf	33.30	23.12	1.77	237.24	141.14	2.97	39.04	537.54	546.55	0.063	0.158
2004/02301/2	32	Tees Main Channel	44.30	33.86	0.20	45.15	42.89	0.38	33.86	103.84	144.47	0.042	0.022
2004/02302/2	33	OME	52.50	17.52	0.80	89.52	74.29	1.09	22.86	257.14	329.52	0.030	0.073
2004/02303/2	34	Britania Enterprise Zone	33.50	20.90	1.85	202.99	125.37	2.33	38.81	614.93	841.79	0.063	0.110
2004/02304/2	35	Hartlepool Docks	36.30	41.32	0.17	46.83	44.08	0.36	35.81	112.95	151.52	<0.002	0.028
2004/02305/2	36	Hartlepool Approaches	35.90	36.21	0.14	39.00	36.21	0.31	30.64	91.92	133.70	<0.002	0.022
Mean			39.32	26.03	1.08	126.80	121.76	1.60	38.45	347.29	445.91	0.068	0.124

Produced by: T. Bateman

Date: 06/07/2004



Metals and Tin Results for Defra/DAS: 32717/041210 Seaton Channel

Licensee: Able UK

DC: 7274

Date Sampled: 22/12/03

mg/kg (ppm)

Dry weight

LSN	Sample No.	Location	TS%	AS	CD	CR	CU	HG	NI	PB	ZN	DBT	TBT
2005/00145	1	1A 0m	57.07	32	0.30	49	40	0.54	27	93	146	0.000	0.023
2005/00146	4	2A 1m	48.15	41	0.37	67	56	0.57	37	132	197	0.000	0.036
2005/00147	2	1A 1m	49.94	35	0.55	71	67	0.79	36	139	213	0.014	0.041
2005/00148	3	1A 3m	58.64	36	1.70	218	141	2.20	46	161	357	0.017	0.028
2005/00149	5	2A 3m	53.70	42	0.48	92	90	0.71	43	154	222	0.014	0.030
2005/00151	6	3A 1m	58.53	24	0.52	79	74	0.76	34	99	156	0.015	0.036
2005/00152	7	3A 3m	74.96	6.3	0.15	44	21	0.02	41	22	65	0.000	0.000
2005/00153	8	4A 1m	62.89	34	0.30	61	61	0.43	31	103	148	0.000	0.029
2005/00154	9	4A 3m	79.05	6.3	0.13	44	23	0.00	37	17	53	0.000	0.000
2005/00155	10	5A 1m	69.53	25	0.21	34	28	0.24	21	62	110	0.000	0.014
2005/00156	11	5A 3m	78.66	5.5	0.07	52	20	0.00	43	18	60	0.000	0.000
Mean			74.09	15.3	0.14	43	24	0.12	32	40	85	0.000	0.007

AL1 (ppm dry)	20	0.4	40	40	0.3	20	50	130	0.1	0.1
AL2 (ppm dry)	100	5.0	400	400	3.00	200	500	800	1	1

Produced by: M.Cassap

Date: 09/02/2005

Hydrocarbons Results for DEFRA/DAS: 32277 TERRC Basin, Able UK, Tees.

DC:

Date:23/03/04

LSN	Site No.	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
		23BA	ACENAPH	ACENAPT	ANTHRAC	BAA	BAP	BBF	BENZGHI	BEP	BKF	C1N	C1PHEN
2004/129/4	BULK	<0.0001	0.05	0.23	0.4	0.69	0.89	1.5	0.44	1.1	0.5	6.9	3.9
2004/141/1	BULK	<0.0001	0.054	0.21	3.5	0.74	0.93	1.5	0.45	1.1	0.47	7.4	3.9
2004/142/1	BULK	<0.0001	0.06	0.25	0.41	0.71	0.83	1.3	0.37	1.1	0.4	8.5	4.3
2004/143/1	BULK	<0.0001	0.024	0.046	0.08	0.12	0.17	0.26	0.11	0.23	0.064	1.2	0.85

LSN	Site No.	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
		C2N	C3N	CHRYSEN	DBENZA	FLUORAN	FLUOREN	INDPYR	NAPTH	PERYLEN	PHENANT	PYRENE	
2004/129/4	BULK	8.9	14.1	0.8	0.14	1.6	0.54	0.37	1.64	0.23	1.74	1.3	
2004/141/1	BULK	9	14.6	0.84	0.15	1.54	0.52	0.38	1.66	0.23	1.77	1.25	
2004/142/1	BULK	10.5	16.5	0.76	0.13	1.7	0.59	0.3	1.95	0.21	1.9	1.3	
2004/143/1	BULK	1.5	2.5	0.14	0.025	0.28	0.125	0.06	0.26	0.045	0.4	0.25	



Mean wet weight

DEFRA/DAS:32277														
DC:5241														
Samples Taken:2003														
(mg/kg ppm)														
wet weight														
Site Number	Site	TS%	AS	CD	CR	CU	HG	NI	PB	ZN	TBT	DBT	TBT	DBT
												dry weight	dry weight	
2004/111/1	BULK 1-5 surface	41.6	13	<0.0500	26	23	0.24	16	57	94	0.006656	0.01248	0.016	0.03
2004/129/1	BULK 1-5 (0.5m)	48.3	11	<0.0500	34	34	0.31	17	73	139	0.008211	0.015456	0.017	0.032
2004/130/1	BULK 8-9 Surface	49.2	15	<0.0500	30	29	0.28	18	61	105	0	0.012792	0	0.026
2004/131/1	BULK 8-9 (1.0m)	52.3	16	<0.0500	35	40	0.42	16	66	117	0.008891	0.017782	0.017	0.034
2004/132/1	BULK 8-9 (3.0m)	68.1	6.2	0.2	55	45	0.98	24	42	127	0.00681	0.018387	0.01	0.027
2004/133/1	BULK 8-9 (5.0m)	75.9	5.7	<0.0400	31	21	0.1	23	17	57	<0.00100	<0.00100	<0.00100	<0.00100
2004/134/1	BULK 8-9 (10.0m)	85.9	5.1	<0.0500	16	16	0.04	14	12	38	<0.00100	<0.00100	<0.00100	<0.00100
2004/135/1	6 Surface	47.8	15	<0.0500	27	26	0.24	13	70	98	<0.00100	0.015296	<0.00200	0.032
2004/136/1	6 (1.0m)	55.4	18	<0.0400	43	43	0.33	20	84	132	<0.00100	0.018282	<0.00200	0.033
2004/137/1	6 (2.0m)	52.7	13	<0.0500	66	59	0.28	22	77	141	0.011594	0.013175	0.022	0.025
2004/138/1	7 Surface	49.5	11	<0.0500	23	24	0.22	10	60	85	0.00792	0.01188	0.016	0.024
2004/139/1	7 (1.0m)	55.2	14	<0.0400	31	27	0.2	17	67	103	<0.00100	0.009936	<0.00100	0.018
2004/140/1	7 (2.0m)	55.8	15	<0.0500	40	37	0.32	19	72	112	0.007812	0.011718	0.014	0.021
Mean (wet)		56.746	12.154	0.2	35.154	32.615	0.3046	17.615	58.308	103.69	0.007237	<0.00061	0.014	<0.00100

Metal results are shown as parts per million (ppm) wet weight
 TBT and DBT results are shown as parts per million (ppm) dry weight

* Insufficient sample for metal analysis.



Results of Metal and TBT Analysis Performed on Samples Provided by: ABLE UK
From: TERRC Basin, Tees

DEFRA/DAS:32277														
DC:														
Samples Taken:2003														
(mg/kg ppm)														
dry weight														
Site Number	Site	TS%	AS	CD	CR	CU	HG	NI	PB	ZN	DBT	TBT	DBT	TBT
2004/111/1	BULK	41.6	31.25	<0.0500	62.5	55.288	0.5769	38.462	137.02	225.96	0.016	0.03	0.016	0.03
2004/129/1	BULK	48.3	22.774	<0.0500	70.393	70.393	0.6418	35.197	151.14	287.78	0.017	0.032	0.017	0.032
2004/130/1	BULK	49.2	30.488	<0.0500	60.976	58.943	0.5691	36.585	123.98	213.41	0	0.026	0	0.026
2004/131/1	BULK	52.3	30.593	<0.0500	66.922	76.482	0.8031	30.593	126.2	223.71	0.017	0.034	0.017	0.034
2004/132/1	BULK	68.1	9.1043	0.2937	80.764	66.079	1.4391	35.242	61.674	186.49	0.01	0.027	0.01	0.027
2004/133/1	BULK	75.9	7.5099	<0.0400	40.843	27.668	0.1318	30.303	22.398	75.099	<0.00100	<0.00100	<0.00100	<0.00100
2004/134/1	BULK	85.9	5.9371	<0.0500	18.626	18.626	0.0466	16.298	13.97	44.237	<0.00100	<0.00100	<0.00100	<0.00100
2004/135/1	6	47.8	31.381	<0.0500	56.485	54.393	0.5021	27.197	146.44	205.02	<0.00100	0.032	<0.00200	0.032
2004/136/1	6	55.4	32.491	<0.0400	77.617	77.617	0.5957	36.101	151.62	238.27	<0.00100	0.033	<0.00200	0.033
2004/137/1	6	52.7	24.668	<0.0500	125.24	111.95	0.5313	41.746	146.11	267.55	0.022	0.025	0.022	0.025
2004/138/1	7	49.5	22.222	<0.0500	46.465	48.485	0.4444	20.202	121.21	171.72	0.016	0.024	0.016	0.024
2004/139/1	7	55.2	25.362	<0.0400	56.159	48.913	0.3623	30.797	121.38	186.59	<0.00100	0.018	<0.00100	0.018
2004/140/1	7	55.8	26.882	<0.0500	71.685	66.308	0.5735	34.05	129.03	200.72	0.014	0.021	0.014	0.021
Mean (wet)		56.746	23.128	0.2937	64.206	60.089	0.5552	31.752	111.71	194.35	0.014	<0.00061	0.014	<0.00100

Metal results are shown as parts per million (ppm) wet weight
TBT and DBT results are shown as parts per million (ppm) dry weight

* Insufficient sample for metal analysis.



Mean wet weight

DEFRA/DAS:32277														
DC:														
Samples Taken:2003														
(mg/kg ppm)														
wet weight														
dry weight dry weight														
Site Number	Site	TS%	AS	CD	CR	CU	HG	NI	PB	ZN	DBT	TBT	DBT	TBT
2004/111/1	BULK	41.6	13	<0.0500	26	23	0.24	16	57	94	0.006656	0.01248	0.016	0.03
2004/129/1	BULK	48.3	11	<0.0500	34	34	0.31	17	73	139	0.008211	0.015456	0.017	0.032
2004/130/1	BULK	49.2	15	<0.0500	30	29	0.28	18	61	105	0	0.012792	0	0.026
2004/131/1	BULK	52.3	16	<0.0500	35	40	0.42	16	66	117	0.008891	0.017782	0.017	0.034
2004/132/1	BULK	68.1	6.2	0.2	55	45	0.98	24	42	127	0.00681	0.018387	0.01	0.027
2004/133/1	BULK	75.9	5.7	<0.0400	31	21	0.1	23	17	57	<0.00100	<0.00100	<0.00100	<0.00100
2004/134/1	BULK	85.9	5.1	<0.0500	16	16	0.04	14	12	38	<0.00100	<0.00100	<0.00100	<0.00100
2004/135/1	6	47.8	15	<0.0500	27	26	0.24	13	70	98	<0.00100	0.015296	<0.00200	0.032
2004/136/1	6	55.4	18	<0.0400	43	43	0.33	20	84	132	<0.00100	0.018282	<0.00200	0.033
2004/137/1	6	52.7	13	<0.0500	66	59	0.28	22	77	141	0.011594	0.013175	0.022	0.025
2004/138/1	7	49.5	11	<0.0500	23	24	0.22	10	60	85	0.00792	0.01188	0.016	0.024
2004/139/1	7	55.2	14	<0.0400	31	27	0.2	17	67	103	<0.00100	0.009936	<0.00100	0.018
2004/140/1	7	55.8	15	<0.0500	40	37	0.32	19	72	112	0.007812	0.011718	0.014	0.021
Mean (wet)		56.746	12.154	0.2	35.154	32.615	0.3046	17.615	58.308	103.69	0.007237	<0.00061	0.014	<0.00100

Metal results are shown as parts per million (ppm) wet weight
 TBT and DBT results are shown as parts per million (ppm) dry weight

* Insufficient sample for metal analysis.



Results of Metal and TBT Analysis Performed on Samples Provided by: ABLE UK
From: TERRC Basin, Tees

DEFRA/DAS:32277														
DC:														
Samples Taken:2003														
(mg/kg ppm)														
dry weight														
Sample Number	Site	TS%	AS	CD	CR	CU	HG	NI	PB	ZN	DBT	TBT	DBT	TBT
2004/111/1	BULK	41.6	31.25	<0.0500	62.5	55.288	0.5769	38.462	137.02	225.96	0.016	0.03	0.016	0.03
2004/129/1	BULK	48.3	22.774	<0.0500	70.393	70.393	0.6418	35.197	151.14	287.78	0.017	0.032	0.017	0.032
2004/130/1	BULK	49.2	30.488	<0.0500	60.976	58.943	0.5691	36.585	123.98	213.41	0	0.026	0	0.026
2004/131/1	BULK	52.3	30.593	<0.0500	66.922	76.482	0.8031	30.593	126.2	223.71	0.017	0.034	0.017	0.034
2004/132/1	BULK	68.1	9.1043	0.2937	80.764	66.079	1.4391	35.242	61.674	186.49	0.01	0.027	0.01	0.027
2004/133/1	BULK	75.9	7.5099	<0.0400	40.843	27.668	0.1318	30.303	22.398	75.099	<0.00100	<0.00100	<0.00100	<0.00100
2004/134/1	BULK	85.9	5.9371	<0.0500	18.626	18.626	0.0466	16.298	13.97	44.237	<0.00100	<0.00100	<0.00100	<0.00100
2004/135/1	6	47.8	31.381	<0.0500	56.485	54.393	0.5021	27.197	146.44	205.02	<0.00100	0.032	<0.00200	0.032
2004/136/1	6	55.4	32.491	<0.0400	77.617	77.617	0.5957	36.101	151.62	238.27	<0.00100	0.033	<0.00200	0.033
2004/137/1	6	52.7	24.668	<0.0500	125.24	111.95	0.5313	41.746	146.11	267.55	0.022	0.025	0.022	0.025
2004/138/1	7	49.5	22.222	<0.0500	46.465	48.485	0.4444	20.202	121.21	171.72	0.016	0.024	0.016	0.024
2004/139/1	7	55.2	25.362	<0.0400	56.159	48.913	0.3623	30.797	121.38	186.59	<0.00100	0.018	<0.00100	0.018
2004/140/1	7	55.8	26.882	<0.0500	71.685	66.308	0.5735	34.05	129.03	200.72	0.014	0.021	0.014	0.021
Mean (wet)		56.746	23.128	0.2937	64.206	60.089	0.5552	31.752	111.71	194.35	0.014	<0.00061	0.014	<0.00100

Metal results are shown as parts per million (ppm) wet weight
TBT and DBT results are shown as parts per million (ppm) dry weight

* Insufficient sample for metal analysis.



Results of Polychlorinated biphenyl (PCB) Analysis for Samples Provided by;

ABLE UK
From: TERRC Basin, Tees.



DEFRA/DAS; 32277
Samples Taken; 2003

SITE_NUMBER	CB#101 PD04 PPB	CB#105 PD04 PPB		CB#110 PD04 PPB	CB#118 PD04 PPB	CB#128 PD04 PPB	CB#138 PD04 PPB	CB#141 PD04 PPB	CB#149 PD04 PPB	CB#151 PD04 PPB	CB#153 PD04 PPB	CB#156 PD04 PPB
BULK	1	0.46		1.1	1.1	0.24	1.2	0.25	0.83	0.27	1.2	0
BULK	1.7	0.73		1.9	1.8	0.47	2.1	0.38	1.3	0.41	2	0.27
BULK	0.95	0.39		0.95	1	0	1.1	0.2	0.71	0.21	1.1	0
BULK	1.3	0.55		1.4	1.3	0.28	1.5	0.25	1	0.33	1.5	0
BULK	1.1	0.4		1.1	1	0.32	1.1	0.21	0.82	<0.150	1.1	<0.0900
BULK	<0.140	<0.150		0.21	<0.180	<0.150	<0.180	<0.140	<0.310	<0.150	<0.170	<0.0900
BULK	<0.140	<0.150		<0.160	<0.180	<0.150	<0.180	<0.140	<0.310	<0.150	<0.170	<0.0900
6	1	0.43		1.1	1	0.24	1.2	0.21	0.81	0.22	1.1	<0.0900
6	1.2	0.49		1.3	1.2	0.26	1.3	0.22	0.95	0.26	1.3	<0.0900
6	1.6	0.58		1.6	1.5	0.29	1.6	0.29	1.2	0.37	1.6	<0.0900
7	0.91	0.36		1	0.9	0.21	1	<0.140	0.68	<0.150	1	<0.0900
7	0.86	0.27		0.88	0.81	0.2	0.91	<0.140	0.65	<0.150	0.91	<0.0900
7	1.1	0.43		1.2	1.1	0.25	1.2	0.23	0.85	0.23	1.2	<0.0900

SITE_NUMBER	CB#158 PD04 PPB	CB#170 PD04 PPB		CB#18 PD04 PPB	CB#180 PD04 PPB	CB#183 PD04 PPB	CB#187 PD04 PPB	CB#194 PD04 PPB	CB#28 PD04 PPB	CB#31 PD04 PPB	CB#44 PD04 PPB	CB#47 PD04 PPB
BULK	0	0.39		0.23	0.91	0.25	0.65	0.33	0.84	0.71	0.45	0
BULK	0.23	0.59		0.27	2.1	0.45	1.6	1.8	1	0.81	0.59	0
BULK	0	0.31		0.2	0.8	0.2	0.74	0.27	0.77	0.67	0.38	0
BULK	0	0.44		0.33	1	0.25	0.66	0.36	1.1	1	0.59	0.21
BULK	<0.0800	0.27		1.1	0.69	0.24	0.38	0.22	2.5	1.7	0.93	0.25
BULK	<0.0800	<0.160		<0.130	<0.160	<0.140	<0.170	<0.0600	<0.160	<0.110	<0.130	<0.150
BULK	<0.0800	<0.160		<0.130	<0.160	<0.140	<0.170	<0.0600	<0.160	<0.110	<0.130	<0.150
6	<0.0800	0.31		0.25	0.81	<0.140	0.47	0.21	0.86	0.77	0.43	<0.150

Results of Polychlorinated biphenyl (PCB) Analysis for Samples Provided by: ABLE UK
 From: TERRC Basin, Tees.

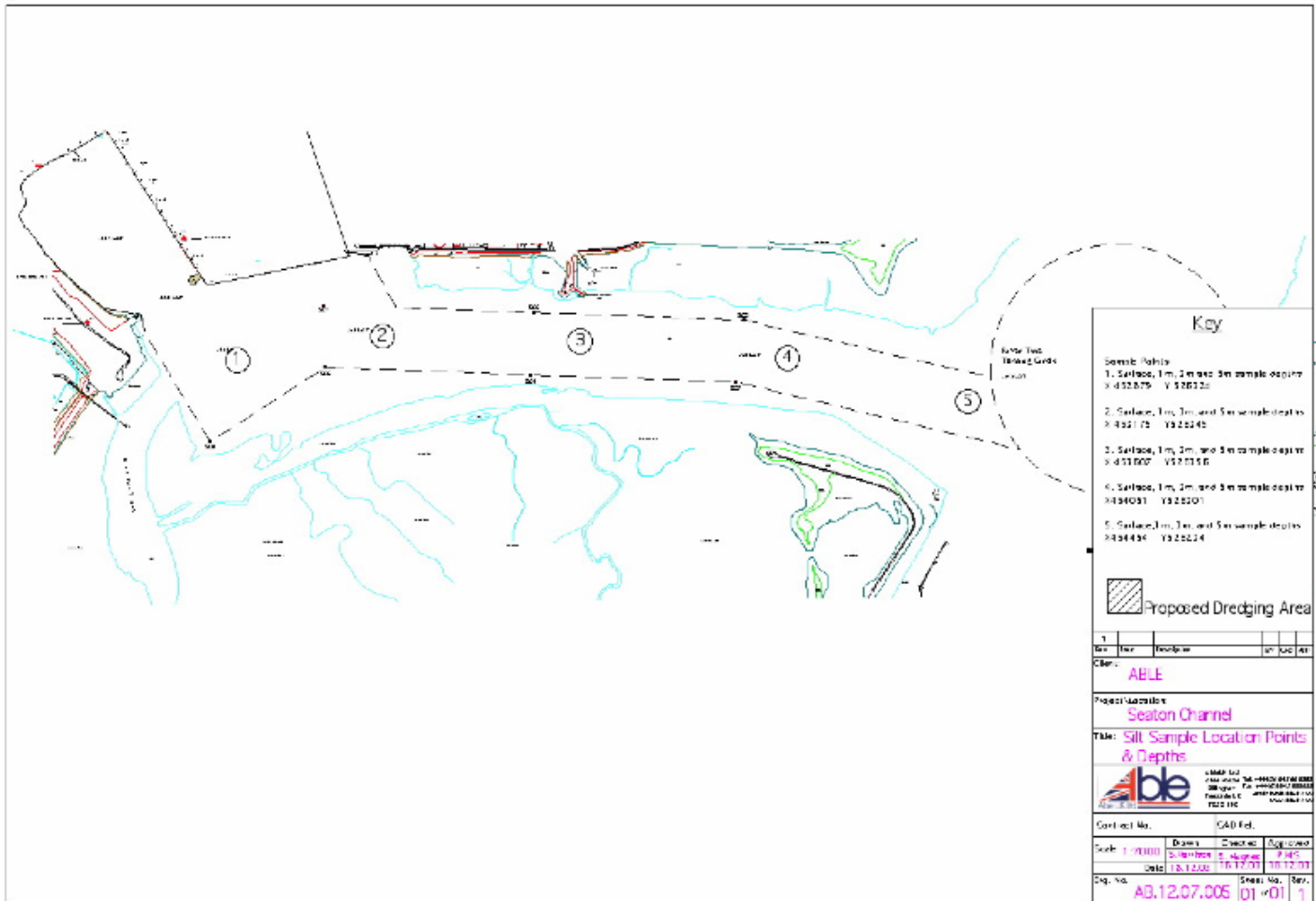
DEFRA/DAS; 32277
 Samples Taken; 2003



SAMPLE Number	SITE_NUMBER	CB#101	CB#105	CB#110	CB#118	CB#128	CB#138	CB#141	CB#149	CB#151	CB#153	CB#156
		PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB
2004/111/1	BULK 1-5 surface	1	0.46	1.1	1.1	0.24	1.2	0.25	0.83	0.27	1.2	0
2004/129/1	BULK 1-5 (0.5m)	1.7	0.73	1.9	1.8	0.47	2.1	0.38	1.3	0.41	2	0.27
2004/130/1	BULK 8-9 Surface	0.95	0.39	0.95	1	0	1.1	0.2	0.71	0.21	1.1	0
2004/131/1	BULK 8-9 (1.0m)	1.3	0.55	1.4	1.3	0.28	1.5	0.25	1	0.33	1.5	0
2004/132/1	BULK 8-9 (3.0m)	1.1	0.4	1.1	1	0.32	1.1	0.21	0.82	<0.150	1.1	<0.0900
2004/133/1	BULK 8-9 (5.0m)	<0.140	<0.150	0.21	<0.180	<0.150	<0.180	<0.140	<0.310	<0.150	<0.170	<0.0900
2004/134/1	BULK 8-9 (10.0m)	<0.140	<0.150	<0.160	<0.180	<0.150	<0.180	<0.140	<0.310	<0.150	<0.170	<0.0900
2004/135/1	6 Surface	1	0.43	1.1	1	0.24	1.2	0.21	0.81	0.22	1.1	<0.0900
2004/136/1	6 (1.0m)	1.2	0.49	1.3	1.2	0.26	1.3	0.22	0.95	0.26	1.3	<0.0900
2004/137/1	6 (2.0m)	1.6	0.58	1.6	1.5	0.29	1.6	0.29	1.2	0.37	1.6	<0.0900
2004/138/1	7 Surface	0.91	0.36	1	0.9	0.21	1	<0.140	0.68	<0.150	1	<0.0900
2004/139/1	7 (1.0m)	0.86	0.27	0.88	0.81	0.2	0.91	<0.140	0.65	<0.150	0.91	<0.0900
2004/140/1	7 (2.0m)	1.1	0.43	1.2	1.1	0.25	1.2	0.23	0.85	0.23	1.2	<0.0900

SAMPLE Number	SITE_NUMBER	CB#158	CB#170	CB#18	CB#180	CB#183	CB#187	CB#194	CB#28	CB#31	CB#44	CB#47
		PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB	PD04 PPB
2004/111/1	BULK 1-5 surface	0	0.39	0.23	0.91	0.25	0.65	0.33	0.84	0.71	0.45	0
2004/129/1	BULK 1-5 (0.5m)	0.23	0.59	0.27	2.1	0.45	1.6	1.8	1	0.81	0.59	0
2004/130/1	BULK 8-9 Surface	0	0.31	0.2	0.8	0.2	0.74	0.27	0.77	0.67	0.38	0
2004/131/1	BULK 8-9 (1.0m)	0	0.44	0.33	1	0.25	0.66	0.36	1.1	1	0.59	0.21
2004/132/1	BULK 8-9 (3.0m)	<0.0800	0.27	1.1	0.69	0.24	0.38	0.22	2.5	1.7	0.93	0.25
2004/133/1	BULK 8-9 (5.0m)	<0.0800	<0.160	<0.130	<0.160	<0.140	<0.170	<0.0600	<0.160	<0.110	<0.130	<0.150
2004/134/1	BULK 8-9 (10.0m)	<0.0800	<0.160	<0.130	<0.160	<0.140	<0.170	<0.0600	<0.160	<0.110	<0.130	<0.150

Note: Reference to sections of this document out of context may lead to misrepresentation



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Hydrocarbons Results for DEFRA/DAS: 32277 TERRC Basin, Able UK, Tees.

DC:5241

Date:23/03/04

LSN	Site No.	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
		23BA	ACENAPH	ACENAPT	ANTHRAC	BAA	BAP	BBF	BENZGHI	BEP	BKF	C1N
2004/129/4	BULK 1-5 (0.5m)	<0.0001	0.05	0.23	0.4	0.69	0.89	1.5	0.44	1.1	0.5	6.9
2004/141/1	BULK 1-9 Surface	<0.0001	0.054	0.21	3.5	0.74	0.93	1.5	0.45	1.1	0.47	7.4
2004/142/1	BULK 6-9 (1.0m)	<0.0001	0.06	0.25	0.41	0.71	0.83	1.3	0.37	1.1	0.4	8.5
2004/143/1	BULK 7-9 (5.0m)	<0.0001	0.024	0.046	0.08	0.12	0.17	0.26	0.11	0.23	0.064	1.2

LSN	Site No.	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05	HD05
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
		C2N	C3N	CHRYSEN	DBENZA	FLUORAN	FLUOREN	INDPYR	NAPTH	PERYLEN	PHENANT	PYRENE
2004/129/4	BULK 1-5 (0.5m)	0.0089	0.0141	0.0008	0.00014	0.0016	0.00054	0.00037	0.00164	0.00023	0.00174	0.0013
2004/141/1	BULK 1-9 Surface	0.009	0.0146	0.00084	0.00015	0.00154	0.00052	0.00038	0.00166	0.00023	0.00177	0.00125
2004/142/1	BULK 6-9 (1.0m)	0.0105	0.0165	0.00076	0.00013	0.0017	0.00059	0.0003	0.00195	0.00021	0.0019	0.0013
2004/143/1	BULK 7-9 (5.0m)	0.0015	0.0025	0.00014	0.000025	0.00028	0.000125	0.00006	0.00026	0.000045	0.0004	0.00025

