

Polycyclic Aromatic Hydrocarbon Results for Defra

Application no. MLP/DC9809

Applicant: Harwich Haven Authority

Application Title: Harwich Channel Deepening

Date Sampled: 01/09/2013



mg/kg (ppm)
Dry weight

LSN	Sample No.	Location	Dredge Area no.	Excluded	TS (%)	23BA	ACENAPH	ACENAPT	ANTHRAC	BAA	BAP	BBF	BENZGHI	BEP	BKF	C1N	C1PHEN
2013/03253	72	Trial pit 4, 2m	Area i		80	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.007	0.005
2013/03254	73	Trial pit 47, 0m	Area i		83	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001
2013/03255	75	Trial pit 101A, 0.5m	Area i		67	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.000	0.000	0.001	0.001
2013/03256	76	Trial pit 93, 2m	Area i		80	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.001	0.002
2013/03257	77	Trial pit 10, 2m	Area i		80	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.005	0.001	0.000	0.002	0.003
2013/03258	78	Trial pit 3, 1m	Area i		83	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
2013/03259	80	Trial pit 27, 1m	Area i		82	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
2013/03260	81	Trial pit 24, 2m	Area i		79	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.000	0.000	0.001	0.001
2013/03321	86	Trial pit 94, 1m	Area i		70	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.001	0.000	0.001	0.001
Mean						0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.001	0.000	0.002	0.002

AL1 (ppm dry)						0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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mg/kg (ppm)
Dry weight

LSN	Sample No.	Location	Dredge Area no.	Excluded	TS (%)	C2N	C3N	CHRYSEN	DBENZAH	FLUORAN	FLUOREN	INDPYR	NAPHTH	PERYLEN	PHENANT	PYRENE	THC
2013/03253	72	Trial pit 4, 2m	Area i		80	0.011	0.016	0.001	0.000	0.003	0.001	0.002	0.002	0.001	0.002	0.002	4
2013/03254	73	Trial pit 47, 0m	Area i		83	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.000	0.000	0
2013/03255	75	Trial pit 101A, 0.5m	Area i		67	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	9
2013/03256	76	Trial pit 93, 2m	Area i		80	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.015	0.001	0.000	0
2013/03257	77	Trial pit 10, 2m	Area i		80	0.006	0.008	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.001	0.001	3
2013/03258	78	Trial pit 3, 1m	Area i		83	0.000	0.005	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.001	0.000	0
2013/03259	80	Trial pit 27, 1m	Area i		82	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.000	2
2013/03260	81	Trial pit 24, 2m	Area i		79	0.000	0.004	0.000	0.000	0.001	0.000	0.000	0.001	0.001	0.001	0.000	1
2013/03321	86	Trial pit 94, 1m	Area i		70	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.007	0.001	0.000	14
Mean						0.002	0.004	0.000	0.000	0.001	0.000	0.001	0.001	0.003	0.001	0.001	4

AL1 (ppm dry)						0.1	0.1	0.1	0.01	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100
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Produced by: JL
Date: 08/11/2013

