

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

COPY



1291

Issue No: 012

Issue date: 04 March 2002

Laboratory Services
Chester Street
Saltney
Chester
CH4 8RD

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Testing performed at permanent laboratory premises

SUMMARY OF ACCREDITATION

ENVIRONMENTAL SAMPLES

Landfill gases

Chemical analysis

Soils/sediments

Anions

BOD/COD/TSS/TDS/pH/colour/

turbidity/conductivity

MBAS/TOC/Kjeldahl nitrogen/phenols

Metals

Organic extractables

Pesticides/herbicides

Polyaromatic hydrocarbons

Polychlorinated biphenyls

Water, drinking/potable

Metals

Water, waste

Alkalinity/hardness/PI/salinity/DO/T&O

Anions

BOD/COD/TSS/TDS/pH/colour/

turbidity/conductivity

MBAS/TOC/Kjeldahl nitrogen/phenols

Metals

Organic extractables

Pesticides/herbicides

Polyaromatic hydrocarbons

Polychlorinated biphenyls

Waters, natural

Alkalinity/hardness/PI/salinity/DO/T&O

Anions

BOD/COD/TSS/TDS/pH/colour/

turbidity/conductivity

MBAS/TOC/Kjeldahl nitrogen/phenols

Organic extractables

Pesticides/herbicides

Polyaromatic hydrocarbons

Polychlorinated biphenyls

FUELS, OILS & LUBRICANTS

Petroleum products & lubricants/oils/

greases

Boiling range/distillation/vapour

pressure

Hydrocarbon types

1 DEC 2003

PW

Extractable Petroleum Hydrocarbons (EPH) By GC-FID C₁₀ to C₄₀ Hydrocarbons

Client : CH2M Hill United Kingdom

Sample Type : WATER

Units : $\mu\text{g/l}$ [illegible]

☐ Preliminary

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: SOIL

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

UKAS Accredited			✓	✓		✓		✓								
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/l	ug/kg							
Detection Method			ICP	ICP	ICP	ICP	Spectro	Spectro	GC-FID							
Method Detection Limit			<1	<1	<50	<1	<5	<0.05	<10							
Sample Number	Sample Identity	Depth (m)	Copper	Antimony	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Total Cyanide in Leachate	Benzene by GC							
1	BH1	1.50-2.00	-	-	-	-	55	-	-							
2	BH1	1.50-2.00	27	-	1576	89	-	-	-							
3	BH1	1.50-2.00	-	-	-	-	-	-	<10							
4	BH2	1.50-2.00	-	-	-	-	149	<0.05	-							
5	BH2	1.50-2.00	293	-	5253	1099	-	-	-							
6	BH2	1.50-2.00	-	-	-	-	-	-	<10							
7	BH3	1.30-2.00	-	-	-	-	50	<0.05	-							
8	BH3	1.30-2.00	255	-	7892	642	-	-	-							
9	BH3	1.30-2.00	-	-	-	-	-	-	<10							
10	BH4	3.50	-	-	-	-	602	-	-							
11	BH4	3.50	237	-	6913	268	-	-	-							
12	BH4	3.50	-	-	-	-	-	-	<10							
13	BH5	2.50-3.00	-	-	-	-	48	-	-							
14	BH5	2.50-3.00	192	-	3185	92	-	-	-							
15	BH5	2.50-3.00	-	-	-	-	-	-	<10							
16	BH7	3.10	-	-	-	-	74	<0.05	-							
17	BH7	3.10	78	-	1002	135	-	-	-							
18	BH7	3.10	-	-	-	-	-	-	<10							
19	TP1	2.00	-	-	-	-	18	<0.05	-							
20	TP1	2.00	366	-	2187	1567	-	-	-							

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

NDP = NO DETERMINATION POSSIBLE

Checked By _____ Jane Seymour

NFP = NO FIBRES PRESENT

☐ Preliminary

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

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(of first sample)

Sample Type: SOIL

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

UKAS Accredited		✓	✓		✓			✓								
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/l	ug/kg								
Detection Method		ICP	ICP	ICP	ICP	Spectro	Spectro	GC-FID								
Method Detection Limit		<1	<1	<50	<1	<5	<0.05	<10								
Sample Number	Sample Identity	Depth (m)	Copper	Antimony	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Total Cyanide in Leachate	Benzene by GC							
21	TP1	2.00	-	-	-	-	-	-	<10							
22	TP2	0.10	-	-	-	-	<5	-	-							
23	TP2	0.10	83	-	425	73	-	-	-							
24	TP2	0.10	-	-	-	-	-	-	<10							
25	TP3	0.30	-	-	-	-	32	-	-							
26	TP3	0.30	1324	-	1568	374	-	-	-							
27	TP3	0.30	-	-	-	-	-	-	<10							
28	TP3	2.00	-	-	-	-	<5	-	-							
29	TP3	2.00	275	-	1916	480	-	-	-							
30	TP3	2.00	-	-	-	-	-	-	<10							
31	TP4	0.30	-	-	-	-	21	-	-							
32	TP4	0.30	1334	35	2039	2952	-	-	-							
34	TP5	0.20	-	-	-	-	6	-	-							
35	TP5	0.20	1026	371	1870	1415	-	-	-							
36	TP5	0.20	-	-	-	-	-	-	<10							
37	TP5	2.00	-	-	-	-	<5	-	-							
38	TP5	2.00	180	10	2741	702	-	-	-							
39	TP5	2.00	-	-	-	-	-	-	<10							

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SOIL

Location:

MC SWANSEA

Client Contact:

Tim Wright

Client Ref. No.:

312884

UKAS Accredited			✓	✓	✓	✓	✓	✓								
Units			ug/kg	mg/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	ug/l	ug/l					
Detection Method			GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	Spectro2	ICP MS	ICP MS					
Method Detection Limit			<10	<1	<10	<10	<10	<0.01	<1	<1	<5					
Sample Number	Sample Identity	Depth (m)	Ethylbenzene by GC	EPH (DRO)	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Total Cyanide Soil	Copper on Leachate by ICP-MS	Antimony on Leachate by ICP-MS					
1	BH1	1.50-2.00	-	-	-	-	-	<0.01	<1	-	-					
2	BH1	1.50-2.00	-	128	-	-	-	-	-	-	-					
3	BH1	1.50-2.00	<10	-	<10	<10	<10	-	-	-	-					
4	BH2	1.50-2.00	-	-	-	-	-	0.06	<1	4	-					
5	BH2	1.50-2.00	-	309	-	-	-	-	-	-	-					
6	BH2	1.50-2.00	20	-	153	13	113	-	-	-	-					
7	BH3	1.30-2.00	-	-	-	-	-	<0.01	1.08	5	-					
8	BH3	1.30-2.00	-	2509	-	-	-	-	-	-	-					
9	BH3	1.30-2.00	12	-	99	<10	77	-	-	-	-					
10	BH4	3.50	-	-	-	-	-	<0.01	<1	-	-					
11	BH4	3.50	-	438	-	-	-	-	-	-	-					
12	BH4	3.50	11	-	1427	<10	10	-	-	-	-					
13	BH5	2.50-3.00	-	-	-	-	-	<0.01	<1	-	-					
14	BH5	2.50-3.00	-	428	-	-	-	-	-	-	-					
15	BH5	2.50-3.00	13	-	86	<10	71	-	-	-	-					
16	BH7	3.10	-	-	-	-	-	<0.01	<1	3	-					
17	BH7	3.10	-	729	-	-	-	-	-	-	-					
18	BH7	3.10	<10	-	366	<10	<10	-	-	-	-					
19	TP1	2.00	-	-	-	-	-	0.02	<1	8	-					
20	TP1	2.00	-	436	-	-	-	-	-	-	-					

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Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type:

SOIL

Location:

MC SWANSEA

Client Contact:

Tim Wright

Client Ref. No.:

312884

UKAS Accredited		✓	✓	✓	✓	✓	✓									
Units		ug/kg	mg/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	ug/l	ug/l						
Detection Method		GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	Spectro2	ICP MS	ICP MS						
Method Detection Limit		<10	<1	<10	<10	<10	<0.01	<1	<1	<5						
Sample Number	Sample Identity	Depth (m)	Ethylbenzene by GC	EPH (DRO)	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Total Cyanide Soil	Copper on Leachate by ICP-MS	Antimony on Leachate by ICP-MS					
21	TP1	2.00	<10	-	<10	<10	<10	-	-	-	-					
22	TP2	0.10	-	-	-	-	-	0.09	<1	-	-					
23	TP2	0.10	-	8564	-	-	-	-	-	-	-					
24	TP2	0.10	<10	-	<10	<10	<10	-	-	-	-					
25	TP3	0.30	-	-	-	-	-	0.04	<1	-	-					
26	TP3	0.30	-	12977	-	-	-	-	-	-	-					
27	TP3	0.30	<10	-	49381	<10	<10	-	-	-	-					
28	TP3	2.00	-	-	-	-	-	<0.01	<1	-	-					
29	TP3	2.00	-	173	-	-	-	-	-	-	-					
30	TP3	2.00	<10	-	83	11	35	-	-	-	-					
31	TP4	0.30	-	-	-	-	-	0.01	<1	-	8					
34	TP5	0.20	-	-	-	-	-	0.09	<1	-	182					
35	TP5	0.20	-	19960	-	-	-	-	-	-	-					
36	TP5	0.20	<10	-	16	<10	<10	-	-	-	-					
37	TP5	2.00	-	-	-	-	-	0.01	<1	-	<5					
38	TP5	2.00	-	629	-	-	-	-	-	-	-					
39	TP5	2.00	12	-	84	14	53	-	-	-	-					

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[illegible]

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ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: WATER

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

UKAS Accredited		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓				
Units		mg/l	mg/l	mg/l	ug/l	mg/l	ug/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l				
Detection Method		Spectro	SPECTRO	spectro	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC				
Method Detection Limit		<0.05	<3	<0.05	<10	<0.01	<10	<0.01	<10	<10	<10	<10	<0.01				
Sample Number	Sample Identity	Depth (m)	Sulphide In Water	Sulphate (soluble)	Total Cyanide on Water	Benzene by GC	DRO by GC-FID	Ethylbenzene by GC	EPH (Mineral Oil)	MTBE GC-FID	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC			
40	BH1	-	<0.05	73	-	-	0.023	-	<0.01	-	-	-	-	-			
41	BH1	-	-	-	-	-	-	-	-	-	-	-	-	-			
42	BH1	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01			
43	BH1	-	-	-	-	-	-	-	-	-	-	-	-	-			
44	BH1	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			
47	BH5	-	<0.05	1442	-	-	0.268	-	0.174	-	-	-	-	-			
48	BH5	-	-	-	-	-	-	-	-	-	-	-	-	-			
49	BH5	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01			
50	BH5	-	-	-	-	-	-	-	-	-	-	-	-	-			
51	BH5	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			
53	BH6	-	<0.05	198	-	-	<0.01	-	<0.01	-	-	-	-	-			
54	BH6	-	-	-	-	-	-	-	-	-	-	-	-	-			
55	BH6	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01			
56	BH6	-	-	-	-	-	-	-	-	-	-	-	-	-			
57	BH6	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			
59	BH6A	-	<0.05	198	-	-	0.019	-	<0.01	-	-	-	-	-			
60	BH6A	-	-	-	-	-	-	-	-	-	-	-	-	-			
61	BH6A	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01			
62	BH6A	-	-	-	-	-	-	-	-	-	-	-	-	-			
63	BH6A	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			

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Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓				
	Units			mg/l	mg/l	mg/l	ug/l	mg/l	ug/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l			
	Detection Method			Spectro	SPECTRO	spectro	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC			
	Method Detection Limit			<0.05	<3	<0.05	<10	<0.01	<10	<0.01	<10	<10	<10	<10	<0.01			
Sample Number	Sample Identity	Depth (m)	Sulphide In Water	Sulphate (soluble)	Total Cyanide on Water	Benzene by GC	DRO by GC-FID	Ethylbenzene by GC	EPH (Mineral Oil)	MTBE GC-FID	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC				
65	BH7	-	<0.05	89	-	-	0.345	-	0.224	-	-	-	-	-				
66	BH7	-	-	-	-	-	-	-	-	-	-	-	-	-				
67	BH7	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01				
68	BH7	-	-	-	-	-	-	-	-	-	-	-	-	-				
69	BH7	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-				
71	CLN SRC	-	<0.05	<3	-	-	0.013	-	<0.01	-	-	-	-	-				
72	CLN SRC	-	-	-	-	-	-	-	-	-	-	-	-	-				
73	CLN SRC	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01				
74	CLN SRC	-	-	-	-	-	-	-	-	-	-	-	-	-				
75	CLN SRC	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-				
77	TAP	-	<0.05	18	-	-	0.012	-	<0.01	-	-	-	-	-				
78	TAP	-	-	-	-	-	-	-	-	-	-	-	-	-				
79	TAP	-	-	-	<0.05	-	-	-	-	-	-	-	-	0.08				
80	TAP	-	-	-	-	-	-	-	-	-	-	-	-	-				
81	TAP	-	-	-	-	<10	-	<10	-	<10	42	<10	<10	-				
83	TRIP BLANK	-	-	-	-	-	<0.01	-	<0.01	-	-	-	-	-				
84	TRIP BLANK	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-				

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Table Of Results

Client Ref. No.: 312884

[illegible]

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Sample Type: SOIL

Client: CH2M Hill United Kingdom

Location: MC SWANSEA

Date of Receipt: 14/08/03
(of first sample)

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/l	ug/l	ug/kg
	Detection Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	Spectro	Spectro	CVAAS	GC-FID
	Method Detection Limit		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<50	<1	<5	<0.05	<0.05
Sample Number	Sample Identity	Depth (m)	Arsenic	Boron (Water Soluble)	Cadmium	Chromium	Copper	Mercury	Nickel	Lead	Antimony	Selenium	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Total Cyanide in Leachate	Mercury Low Dutch T Leach	Benzene by GC
1	BH1	1.50-2.00	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-
2	BH1	1.50-2.00	6	1	<1	47	27	<1	17	20	-	<1	1576	89	-	-	-	-
3	BH1	1.50-2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
4	BH2	1.50-2.00	-	-	-	-	-	-	-	-	-	-	-	-	149	<0.05	<0.05	-
5	BH2	1.50-2.00	44	3	1	35	293	<1	21	180	-	<1	5253	1099	-	-	-	-
6	BH2	1.50-2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
7	BH3	1.30-2.00	-	-	-	-	-	-	-	-	-	-	-	-	50	<0.05	<0.05	-
8	BH3	1.30-2.00	68	1	1	101	255	<1	24	184	-	<1	7892	642	-	-	-	-
9	BH3	1.30-2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
10	BH4	3.50	-	-	-	-	-	-	-	-	-	-	-	-	602	-	-	-
11	BH4	3.50	48	3	<1	40	237	<1	34	735	-	<1	6913	268	-	-	-	-
12	BH4	3.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
13	BH5	2.50-3.00	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-
14	BH5	2.50-3.00	92	1	<1	57	192	<1	63	104	-	2	3185	92	-	-	-	-
15	BH5	2.50-3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
16	BH7	3.10	-	-	-	-	-	-	-	-	-	-	-	-	74	<0.05	<0.05	-
17	BH7	3.10	20	1	<1	49	78	<1	10	35	-	<1	1002	135	-	-	-	-
18	BH7	3.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
19	TP1	2.00	-	-	-	-	-	-	-	-	-	-	-	-	18	<0.05	<0.05	-
20	TP1	2.00	101	1	3	32	366	<1	29	360	-	<1	2187	1567	-	-	-	-

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

NDP = NO DETERMINATION POSSIBLE

Checked By _____ Jane Seymour

NFP = NO FIBRES PRESENT

☐ Preliminar

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: SOIL

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/l	ug/l	ug/kg
	Detection Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	Spectro	Spectro	CVAAS	GC-FID
	Method Detection Limit		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<50	<1	<5	<0.05	<0.05
Sample Number	Sample Identity	Depth (m)	Arsenic	Boron (Water Soluble)	Cadmium	Chromium	Copper	Mercury	Nickel	Lead	Antimony	Selenium	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Total Cyanide in Leachate	Mercury Low Dutch T Leach	Benzene by GC
21	TP1	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
22	TP2	0.10	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	-
23	TP2	0.10	<1	<1	<1	9	83	>1	6	33	-	<1	425	73	-	-	-	-
24	TP2	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
25	TP3	0.30	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-
26	TP3	0.30	30	<1	2	87	1324	<1	96	297	-	<1	1568	374	-	-	-	-
27	TP3	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
28	TP3	2.00	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	-
29	TP3	2.00	92	2	2	36	275	<1	37	165	-	1	1916	480	-	-	-	-
30	TP3	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
31	TP4	0.30	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
32	TP4	0.30	172	2	7	60	1334	<1	27	727	35	<1	2039	2952	-	-	-	-
34	TP5	0.20	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-
35	TP5	0.20	40	<1	3	28	1026	<1	33	492	371	<1	1870	1415	-	-	-	-
36	TP5	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
37	TP5	2.00	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	-
38	TP5	2.00	45	3	2	45	180	<1	61	371	10	<1	2741	702	-	-	-	-
39	TP5	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

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ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Sample Type: SOIL

Client: CH2M Hill United Kingdom

Location: MC SWANSEA

Date of Receipt: 14/08/03
(of first sample)

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited		✓	✓	✓	✓	✓	✓										
	Units		ug/kg	mg/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	Detection Method		GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	Spectro2	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS
	Method Detection Limit		<10	<1	<10	<10	<10	<0.01	<1	<1	<10	<0.4	<1	<1	<1	<1	<5	<1
Sample Number	Sample Identity	Depth (m)	Ethylbenzene by GC	EPH (DRO)	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Total Cyanide Soil	Arsenic on Leachate by ICP-MS	Boron on Leachate by ICP-MS	Cadmium on Leachate by ICP-MS	Chromium on Leachate by ICP-MS	Copper on Leachate by ICP-MS	Nickel on Leachate by ICP-MS	Lead on Leachate by ICP-MS	Antimony on Leachate by ICP-MS	Selenium on Leachate by ICP-MS
1	BH1	1.50-2.00	-	-	-	-	-	<0.01	<1	-	-	-	-	-	-	-	-	-
2	BH1	1.50-2.00	-	128	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	BH1	1.50-2.00	<10	-	<10	<10	<10	-	-	-	-	-	-	-	-	-	-	-
4	BH2	1.50-2.00	-	-	-	-	-	0.06	<1	29	44	<0.4	>1	4	>1	1	-	>1
5	BH2	1.50-2.00	-	309	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	BH2	1.50-2.00	20	-	153	13	113	-	-	-	-	-	-	-	-	-	-	-
7	BH3	1.30-2.00	-	-	-	-	-	<0.01	1.08	7	35	<0.4	<1	5	<1	3	-	3
8	BH3	1.30-2.00	-	2509	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	BH3	1.30-2.00	12	-	99	<10	77	-	-	-	-	-	-	-	-	-	-	-
10	BH4	3.50	-	-	-	-	-	<0.01	<1	-	-	-	-	-	-	-	-	-
11	BH4	3.50	-	438	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	BH4	3.50	11	-	1427	<10	10	-	-	-	-	-	-	-	-	-	-	-
13	BH5	2.50-3.00	-	-	-	-	-	<0.01	<1	-	-	-	-	-	-	-	-	-
14	BH5	2.50-3.00	-	428	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	BH5	2.50-3.00	13	-	86	<10	71	-	-	-	-	-	-	-	-	-	-	-
16	BH7	3.10	-	-	-	-	-	<0.01	<1	3	70	<0.4	<1	3	1	1	-	1
17	BH7	3.10	-	729	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	BH7	3.10	<10	-	366	<10	<10	-	-	-	-	-	-	-	-	-	-	-
19	TP1	2.00	-	-	-	-	-	0.02	<1	36	31	<0.4	2	8	<1	2	-	3
20	TP1	2.00	-	436	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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NFP = NO FIBRES PRESENT

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ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Sample Type: SOIL

Client: CH2M Hill United Kingdom

Location: MC SWANSEA

Date of Receipt: 14/08/03
(of first sample)

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited		✓	✓	✓	✓	✓	✓										
	Units		ug/kg	mg/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	Detection Method		GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	Spectro2	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS
	Method Detection Limit		<10	<1	<10	<10	<10	<0.01	<1	<1	<10	<0.4	<1	<1	<1	<1	<5	<1
Sample Number	Sample Identity	Depth (m)	Ethylbenzene by GC	EPH (DRO)	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Total Cyanide Soil	Arsenic on Leachate by ICP-MS	Boron on Leachate by ICP-MS	Cadmium on Leachate by ICP-MS	Chromium on Leachate by ICP-MS	Copper on Leachate by ICP-MS	Nickel on Leachate by ICP-MS	Lead on Leachate by ICP-MS	Antimony on Leachate by ICP-MS	Selenium on Leachate by ICP-MS
21	TP1	2.00	>10	-	>10	>10	>10	-	-	-	-	-	-	-	-	-	-	-
22	TP2	0.10	-	-	-	-	-	0.09	>1	-	-	-	-	-	-	-	-	-
23	TP2	0.10	-	8564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	TP2	0.10	<10	-	<10	<10	<10	-	-	-	-	-	-	-	-	-	-	-
25	TP3	0.30	-	-	-	-	-	0.04	>1	-	-	-	-	-	-	-	-	-
26	TP3	0.30	-	12977	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	TP3	0.30	<10	-	49381	<10	<10	-	-	-	-	-	-	-	-	-	-	-
28	TP3	2.00	-	-	-	-	-	<0.01	<1	-	-	-	-	-	-	-	-	-
29	TP3	2.00	-	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	TP3	2.00	<10	-	83	11	35	-	-	-	-	-	-	-	-	-	-	-
31	TP4	0.30	-	-	-	-	-	0.01	<1	-	-	-	-	-	-	-	8	-
34	TP5	0.20	-	-	-	-	-	0.09	<1	-	-	-	-	-	-	-	182	-
35	TP5	0.20	-	19960	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	TP5	0.20	<10	-	16	<10	<10	-	-	-	-	-	-	-	-	-	-	-
37	TP5	2.00	-	-	-	-	-	0.01	>1	-	-	-	-	-	-	-	>5	-
38	TP5	2.00	-	629	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	TP5	2.00	12	-	84	14	53	-	-	-	-	-	-	-	-	-	-	-

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

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☒ Validated

Table Of Results

Client Ref. No.: 312884

[illegible]

NFP = NO FIBRES PRESENT

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☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: WATER

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Units		mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	mg/l	ug/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	ug/l	ug/l
	Detection Method		Spectro	Spectro	SPECTRO	spectro	CVAAS	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	ICP MS	ICP MS
	Method Detection Limit		<0.03	<0.05	<3	<0.05	<0.05	<10	<0.01	<10	<0.01	<10	<10	<10	<10	<0.01	<1	<10
Sample Number	Sample Identity	Depth (m)	Hexavalent Chrome	Sulphide In Water	Sulphate (soluble)	Total Cyanide on Water	Mercury Low Dutch Target AA	Benzene by GC	DRO by GC-FID	Ethylbenzene by GC	EPH (Mineral Oil)	MTBE GC-FID	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Arsenic by ICP-MS	Boron by ICP-MS
40	BH1	-	<0.03	<0.05	73	-	-	-	0.023	-	<0.01	-	-	-	-	-	-	-
41	BH1	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
42	BH1	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
43	BH1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	463
44	BH1	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-
47	BH5	-	<0.03	<0.05	1442	-	-	-	0.268	-	0.174	-	-	-	-	-	-	-
48	BH5	-	-	-	-	-	0.49	-	-	-	-	-	-	-	-	-	-	-
49	BH5	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
50	BH5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	403
51	BH5	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-
53	BH6	-	<0.03	<0.05	198	-	-	-	<0.01	-	<0.01	-	-	-	-	-	-	-
54	BH6	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
55	BH6	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
56	BH6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	202
57	BH6	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-
59	BH6A	-	<0.03	<0.05	198	-	-	-	0.019	-	<0.01	-	-	-	-	-	-	-
60	BH6A	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
61	BH6A	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
62	BH6A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	241
63	BH6A	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

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Checked By _____ Jane Seymour

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☐ Preliminar

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: WATER

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Units		mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	mg/l	ug/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	ug/l	ug/l
	Detection Method		Spectro	Spectro	SPECTRO	spectro	CVAAS	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	ICP MS	ICP MS
	Method Detection Limit		<0.03	<0.05	<3	<0.05	<0.05	<10	<0.01	<10	<0.01	<10	<10	<10	<10	<0.01	<1	<10
Sample Number	Sample Identity	Depth (m)	Hexavalent Chrome	Sulphide In Water	Sulphate (soluble)	Total Cyanide on Water	Mercury Low Dutch Target AA	Benzene by GC	DRO by GC-FID	Ethylbenzene by GC	EPH (Mineral Oil)	MTBE GC-FID	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Arsenic by ICP-MS	Boron by ICP-MS
65	BH7	-	<0.03	<0.05	89	-	-	-	0.345	-	0.224	-	-	-	-	-	-	-
66	BH7	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
67	BH7	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
68	BH7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	201
69	BH7	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-
71	CLN SRC	-	<0.03	<0.05	<3	-	-	-	0.013	-	<0.01	-	-	-	-	-	-	-
72	CLN SRC	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
73	CLN SRC	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
74	CLN SRC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<10
75	CLN SRC	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-
77	TAP	-	<0.03	<0.05	18	-	-	-	0.012	-	<0.01	-	-	-	-	-	-	-
78	TAP	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
79	TAP	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	0.08	-	-
80	TAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	<10
81	TAP	-	-	-	-	-	-	<10	-	<10	-	<10	42	<10	<10	-	-	-
83	TRIP BLANK	-	-	-	-	-	<0.05	-	<0.01	-	<0.01	-	-	-	-	-	<1	<10
84	TRIP BLANK	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-

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Table Of Results

Client Ref. No.: 312884

[illegible]

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ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: SOIL

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

UKAS Accredited			✓	✓		✓		✓								
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/l	ug/kg							
Detection Method			ICP	ICP	ICP	ICP	Spectro	Spectro	GC-FID							
Method Detection Limit			<1	<1	<50	<1	<5	<0.05	<10							
Sample Number	Sample Identity	Depth (m)	Copper	Antimony	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Total Cyanide in Leachate	Benzene by GC							
1	BH1	1.50-2.00	-	-	-	-	55	-	-							
2	BH1	1.50-2.00	27	-	1576	89	-	-	-							
3	BH1	1.50-2.00	-	-	-	-	-	-	<10							
4	BH2	1.50-2.00	-	-	-	-	149	<0.05	-							
5	BH2	1.50-2.00	293	-	5253	1099	-	-	-							
6	BH2	1.50-2.00	-	-	-	-	-	-	<10							
7	BH3	1.30-2.00	-	-	-	-	50	<0.05	-							
8	BH3	1.30-2.00	255	-	7892	642	-	-	-							
9	BH3	1.30-2.00	-	-	-	-	-	-	<10							
10	BH4	3.50	-	-	-	-	602	-	-							
11	BH4	3.50	237	-	6913	268	-	-	-							
12	BH4	3.50	-	-	-	-	-	-	<10							
13	BH5	2.50-3.00	-	-	-	-	48	-	-							
14	BH5	2.50-3.00	192	-	3185	92	-	-	-							
15	BH5	2.50-3.00	-	-	-	-	-	-	<10							
16	BH7	3.10	-	-	-	-	74	<0.05	-							
17	BH7	3.10	78	-	1002	135	-	-	-							
18	BH7	3.10	-	-	-	-	-	-	<10							
19	TP1	2.00	-	-	-	-	18	<0.05	-							
20	TP1	2.00	366	-	2187	1567	-	-	-							

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

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ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: SOIL

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

UKAS Accredited		✓	✓		✓			✓								
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/l	ug/kg								
Detection Method		ICP	ICP	ICP	ICP	Spectro	Spectro	GC-FID								
Method Detection Limit		<1	<1	<50	<1	<5	<0.05	<10								
Sample Number	Sample Identity	Depth (m)	Copper	Antimony	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Total Cyanide in Leachate	Benzene by GC							
21	TP1	2.00	-	-	-	-	-	-	<10							
22	TP2	0.10	-	-	-	-	<5	-	-							
23	TP2	0.10	83	-	425	73	-	-	-							
24	TP2	0.10	-	-	-	-	-	-	<10							
25	TP3	0.30	-	-	-	-	32	-	-							
26	TP3	0.30	1324	-	1568	374	-	-	-							
27	TP3	0.30	-	-	-	-	-	-	<10							
28	TP3	2.00	-	-	-	-	<5	-	-							
29	TP3	2.00	275	-	1916	480	-	-	-							
30	TP3	2.00	-	-	-	-	-	-	<10							
31	TP4	0.30	-	-	-	-	21	-	-							
32	TP4	0.30	1334	35	2039	2952	-	-	-							
34	TP5	0.20	-	-	-	-	6	-	-							
35	TP5	0.20	1026	371	1870	1415	-	-	-							
36	TP5	0.20	-	-	-	-	-	-	<10							
37	TP5	2.00	-	-	-	-	<5	-	-							
38	TP5	2.00	180	10	2741	702	-	-	-							
39	TP5	2.00	-	-	-	-	-	-	<10							

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

NDP = NO DETERMINATION POSSIBLE

Checked By _____ Jane Seymour

NFP = NO FIBRES PRESENT

☐ Preliminary

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type:

SOIL

Location:

MC SWANSEA

Client Contact:

Tim Wright

Client Ref. No.:

312884

UKAS Accredited		✓	✓	✓	✓	✓	✓									
Units		ug/kg	mg/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	ug/l	ug/l						
Detection Method		GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	Spectro2	ICP MS	ICP MS						
Method Detection Limit		<10	<1	<10	<10	<10	<0.01	<1	<1	<5						
Sample Number	Sample Identity	Depth (m)	Ethylbenzene by GC	EPH (DRO)	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Total Cyanide Soil	Copper on Leachate by ICP-MS	Antimony on Leachate by ICP-MS					
1	BH1	1.50-2.00	-	-	-	-	-	<0.01	<1	-	-					
2	BH1	1.50-2.00	-	128	-	-	-	-	-	-	-					
3	BH1	1.50-2.00	<10	-	<10	<10	<10	-	-	-	-					
4	BH2	1.50-2.00	-	-	-	-	-	0.06	<1	4	-					
5	BH2	1.50-2.00	-	309	-	-	-	-	-	-	-					
6	BH2	1.50-2.00	20	-	153	13	113	-	-	-	-					
7	BH3	1.30-2.00	-	-	-	-	-	<0.01	1.08	5	-					
8	BH3	1.30-2.00	-	2509	-	-	-	-	-	-	-					
9	BH3	1.30-2.00	12	-	99	<10	77	-	-	-	-					
10	BH4	3.50	-	-	-	-	-	<0.01	<1	-	-					
11	BH4	3.50	-	438	-	-	-	-	-	-	-					
12	BH4	3.50	11	-	1427	<10	10	-	-	-	-					
13	BH5	2.50-3.00	-	-	-	-	-	<0.01	<1	-	-					
14	BH5	2.50-3.00	-	428	-	-	-	-	-	-	-					
15	BH5	2.50-3.00	13	-	86	<10	71	-	-	-	-					
16	BH7	3.10	-	-	-	-	-	<0.01	<1	3	-					
17	BH7	3.10	-	729	-	-	-	-	-	-	-					
18	BH7	3.10	<10	-	366	<10	<10	-	-	-	-					
19	TP1	2.00	-	-	-	-	-	0.02	<1	8	-					
20	TP1	2.00	-	436	-	-	-	-	-	-	-					

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

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NFP = NO FIBRES PRESENT

☐ Preliminary

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type:

SOIL

Location:

MC SWANSEA

Client Contact:

Tim Wright

Client Ref. No.:

312884

UKAS Accredited		✓	✓	✓	✓	✓	✓									
Units		ug/kg	mg/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	ug/l	ug/l						
Detection Method		GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	Spectro2	ICP MS	ICP MS						
Method Detection Limit		<10	<1	<10	<10	<10	<0.01	<1	<1	<5						
Sample Number	Sample Identity	Depth (m)	Ethylbenzene by GC	EPH (DRO)	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Total Cyanide Soil	Copper on Leachate by ICP-MS	Antimony on Leachate by ICP-MS					
21	TP1	2.00	<10	-	<10	<10	<10	-	-	-	-					
22	TP2	0.10	-	-	-	-	-	0.09	<1	-	-					
23	TP2	0.10	-	8564	-	-	-	-	-	-	-					
24	TP2	0.10	<10	-	<10	<10	<10	-	-	-	-					
25	TP3	0.30	-	-	-	-	-	0.04	<1	-	-					
26	TP3	0.30	-	12977	-	-	-	-	-	-	-					
27	TP3	0.30	<10	-	49381	<10	<10	-	-	-	-					
28	TP3	2.00	-	-	-	-	-	<0.01	<1	-	-					
29	TP3	2.00	-	173	-	-	-	-	-	-	-					
30	TP3	2.00	<10	-	83	11	35	-	-	-	-					
31	TP4	0.30	-	-	-	-	-	0.01	<1	-	8					
34	TP5	0.20	-	-	-	-	-	0.09	<1	-	182					
35	TP5	0.20	-	19960	-	-	-	-	-	-	-					
36	TP5	0.20	<10	-	16	<10	<10	-	-	-	-					
37	TP5	2.00	-	-	-	-	-	0.01	<1	-	<5					
38	TP5	2.00	-	629	-	-	-	-	-	-	-					
39	TP5	2.00	12	-	84	14	53	-	-	-	-					

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

NDP = NO DETERMINATION POSSIBLE

Checked By _____ Jane Seymour

NFP = NO FIBRES PRESENT

☒ Validated

Table Of Results

Client Ref. No.: 312884

[illegible]

NFP = NO FIBRES PRESENT

☐ Preliminary

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: WATER

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

UKAS Accredited		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓				
Units		mg/l	mg/l	mg/l	ug/l	mg/l	ug/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l				
Detection Method		Spectro	SPECTRO	spectro	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC				
Method Detection Limit		<0.05	<3	<0.05	<10	<0.01	<10	<0.01	<10	<10	<10	<10	<0.01				
Sample Number	Sample Identity	Depth (m)	Sulphide In Water	Sulphate (soluble)	Total Cyanide on Water	Benzene by GC	DRO by GC-FID	Ethylbenzene by GC	EPH (Mineral Oil)	MTBE GC-FID	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC			
40	BH1	-	<0.05	73	-	-	0.023	-	<0.01	-	-	-	-	-			
41	BH1	-	-	-	-	-	-	-	-	-	-	-	-	-			
42	BH1	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01			
43	BH1	-	-	-	-	-	-	-	-	-	-	-	-	-			
44	BH1	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			
47	BH5	-	<0.05	1442	-	-	0.268	-	0.174	-	-	-	-	-			
48	BH5	-	-	-	-	-	-	-	-	-	-	-	-	-			
49	BH5	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01			
50	BH5	-	-	-	-	-	-	-	-	-	-	-	-	-			
51	BH5	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			
53	BH6	-	<0.05	198	-	-	<0.01	-	<0.01	-	-	-	-	-			
54	BH6	-	-	-	-	-	-	-	-	-	-	-	-	-			
55	BH6	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01			
56	BH6	-	-	-	-	-	-	-	-	-	-	-	-	-			
57	BH6	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			
59	BH6A	-	<0.05	198	-	-	0.019	-	<0.01	-	-	-	-	-			
60	BH6A	-	-	-	-	-	-	-	-	-	-	-	-	-			
61	BH6A	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01			
62	BH6A	-	-	-	-	-	-	-	-	-	-	-	-	-			
63	BH6A	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

NDP = NO DETERMINATION POSSIBLE

Checked By _____ Jane Seymour

NFP = NO FIBRES PRESENT

☐ Preliminary

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: WATER

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

UKAS Accredited			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓				
Units			mg/l	mg/l	mg/l	ug/l	mg/l	ug/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l			
Detection Method			Spectro	SPECTRO	spectro	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC			
Method Detection Limit			<0.05	<3	<0.05	<10	<0.01	<10	<0.01	<10	<10	<10	<10	<0.01			
Sample Number	Sample Identity	Depth (m)	Sulphide In Water	Sulphate (soluble)	Total Cyanide on Water	Benzene by GC	DRO by GC-FID	Ethylbenzene by GC	EPH (Mineral Oil)	MTBE GC-FID	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC			
65	BH7	-	<0.05	89	-	-	0.345	-	0.224	-	-	-	-	-			
66	BH7	-	-	-	-	-	-	-	-	-	-	-	-	-			
67	BH7	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01			
68	BH7	-	-	-	-	-	-	-	-	-	-	-	-	-			
69	BH7	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			
71	CLN SRC	-	<0.05	<3	-	-	0.013	-	<0.01	-	-	-	-	-			
72	CLN SRC	-	-	-	-	-	-	-	-	-	-	-	-	-			
73	CLN SRC	-	-	-	<0.05	-	-	-	-	-	-	-	-	<0.01			
74	CLN SRC	-	-	-	-	-	-	-	-	-	-	-	-	-			
75	CLN SRC	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			
77	TAP	-	<0.05	18	-	-	0.012	-	<0.01	-	-	-	-	-			
78	TAP	-	-	-	-	-	-	-	-	-	-	-	-	-			
79	TAP	-	-	-	<0.05	-	-	-	-	-	-	-	-	0.08			
80	TAP	-	-	-	-	-	-	-	-	-	-	-	-	-			
81	TAP	-	-	-	-	<10	-	<10	-	<10	42	<10	<10	-			
83	TRIP BLANK	-	-	-	-	-	<0.01	-	<0.01	-	-	-	-	-			
84	TRIP BLANK	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-			

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

NBP = NO DETERMINATION POSSIBLE

Checked By _____ Jane Seymour

NFP = NO FIBRES PRESENT

☒ Validated

Table Of Results

Client Ref. No.: 312884

[illegible]

NFP = NO FIBRES PRESENT

☐ Preliminar

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Sample Type: SOIL

Client: CH2M Hill United Kingdom

Location: MC SWANSEA

Date of Receipt: 14/08/03
(of first sample)

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/l	ug/l	
	Detection Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	Spectro	Spectro	CVAAS	
	Method Detection Limit		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<50	<1	<5	<0.05	<0.05	
Sample Number	Sample Identity	Depth (m)	Arsenic	Boron (Water Soluble)	Cadmium	Chromium	Copper	Mercury	Nickel	Lead	Antimony	Selenium	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Total Cyanide in Leachate	Mercury Low Dutch T Leach	Benzene by GC
1	BH1	1.50-2.00	-	-	-	-	-	-	-	-	-	-	-	-	55	-	-	-
2	BH1	1.50-2.00	6	1	<1	47	27	<1	17	20	-	<1	1576	89	-	-	-	-
3	BH1	1.50-2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
4	BH2	1.50-2.00	-	-	-	-	-	-	-	-	-	-	-	-	149	<0.05	<0.05	-
5	BH2	1.50-2.00	44	3	1	35	293	<1	21	180	-	<1	5253	1099	-	-	-	-
6	BH2	1.50-2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
7	BH3	1.30-2.00	-	-	-	-	-	-	-	-	-	-	-	-	50	<0.05	<0.05	-
8	BH3	1.30-2.00	68	1	1	101	255	<1	24	184	-	<1	7892	642	-	-	-	-
9	BH3	1.30-2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
10	BH4	3.50	-	-	-	-	-	-	-	-	-	-	-	-	602	-	-	-
11	BH4	3.50	48	3	<1	40	237	<1	34	735	-	<1	6913	268	-	-	-	-
12	BH4	3.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
13	BH5	2.50-3.00	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-
14	BH5	2.50-3.00	92	1	<1	57	192	<1	63	104	-	2	3185	92	-	-	-	-
15	BH5	2.50-3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
16	BH7	3.10	-	-	-	-	-	-	-	-	-	-	-	-	74	<0.05	<0.05	-
17	BH7	3.10	20	1	<1	49	78	<1	10	35	-	<1	1002	135	-	-	-	-
18	BH7	3.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
19	TP1	2.00	-	-	-	-	-	-	-	-	-	-	-	-	18	<0.05	<0.05	-
20	TP1	2.00	101	1	3	32	366	<1	29	360	-	<1	2187	1567	-	-	-	-

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

NDP = NO DETERMINATION POSSIBLE

Checked By _____ Jane Seymour

NFP = NO FIBRES PRESENT

☐ Preliminar

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: SOIL

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/l	ug/l	ug/kg
	Detection Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	Spectro	Spectro	CVAAS	GC-FID
	Method Detection Limit		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<50	<1	<5	<0.05	<0.05
Sample Number	Sample Identity	Depth (m)	Arsenic	Boron (Water Soluble)	Cadmium	Chromium	Copper	Mercury	Nickel	Lead	Antimony	Selenium	Total Sulphate by ICP	Zinc	Acid Soluble Sulphide	Total Cyanide in Leachate	Mercury Low Dutch T Leach	Benzene by GC
21	TP1	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
22	TP2	0.10	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	-
23	TP2	0.10	<1	<1	<1	9	83	>1	6	33	-	<1	425	73	-	-	-	-
24	TP2	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
25	TP3	0.30	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-
26	TP3	0.30	30	<1	2	87	1324	<1	96	297	-	<1	1568	374	-	-	-	-
27	TP3	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
28	TP3	2.00	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	-
29	TP3	2.00	92	2	2	36	275	<1	37	165	-	1	1916	480	-	-	-	-
30	TP3	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
31	TP4	0.30	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
32	TP4	0.30	172	2	7	60	1334	<1	27	727	35	<1	2039	2952	-	-	-	-
34	TP5	0.20	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-
35	TP5	0.20	40	<1	3	28	1026	<1	33	492	371	<1	1870	1415	-	-	-	-
36	TP5	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10
37	TP5	2.00	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	-
38	TP5	2.00	45	3	2	45	180	<1	61	371	10	<1	2741	702	-	-	-	-
39	TP5	2.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<10

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

NDP = NO DETERMINATION POSSIBLE

Checked By _____ Jane Seymour

NFP = NO FIBRES PRESENT

☐ Preliminar

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Sample Type: SOIL

Client: CH2M Hill United Kingdom

Location: MC SWANSEA

Date of Receipt: 14/08/03
(of first sample)

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited		✓	✓	✓	✓	✓	✓										
	Units		ug/kg	mg/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	Detection Method		GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	Spectro2	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS
	Method Detection Limit		<10	<1	<10	<10	<10	<0.01	<1	<1	<10	<0.4	<1	<1	<1	<1	<5	<1
Sample Number	Sample Identity	Depth (m)	Ethylbenzene by GC	EPH (DRO)	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Total Cyanide Soil	Arsenic on Leachate by ICP-MS	Boron on Leachate by ICP-MS	Cadmium on Leachate by ICP-MS	Chromium on Leachate by ICP-MS	Copper on Leachate by ICP-MS	Nickel on Leachate by ICP-MS	Lead on Leachate by ICP-MS	Antimony on Leachate by ICP-MS	Selenium on Leachate by ICP-MS
1	BH1	1.50-2.00	-	-	-	-	-	<0.01	<1	-	-	-	-	-	-	-	-	-
2	BH1	1.50-2.00	-	128	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	BH1	1.50-2.00	<10	-	<10	<10	<10	-	-	-	-	-	-	-	-	-	-	-
4	BH2	1.50-2.00	-	-	-	-	-	0.06	<1	29	44	<0.4	>1	4	>1	1	-	<1
5	BH2	1.50-2.00	-	309	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	BH2	1.50-2.00	20	-	153	13	113	-	-	-	-	-	-	-	-	-	-	-
7	BH3	1.30-2.00	-	-	-	-	-	<0.01	1.08	7	35	<0.4	<1	5	<1	3	-	3
8	BH3	1.30-2.00	-	2509	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	BH3	1.30-2.00	12	-	99	<10	77	-	-	-	-	-	-	-	-	-	-	-
10	BH4	3.50	-	-	-	-	-	<0.01	<1	-	-	-	-	-	-	-	-	-
11	BH4	3.50	-	438	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	BH4	3.50	11	-	1427	<10	10	-	-	-	-	-	-	-	-	-	-	-
13	BH5	2.50-3.00	-	-	-	-	-	<0.01	<1	-	-	-	-	-	-	-	-	-
14	BH5	2.50-3.00	-	428	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	BH5	2.50-3.00	13	-	86	<10	71	-	-	-	-	-	-	-	-	-	-	-
16	BH7	3.10	-	-	-	-	-	<0.01	<1	3	70	<0.4	<1	3	1	1	-	1
17	BH7	3.10	-	729	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	BH7	3.10	<10	-	366	<10	<10	-	-	-	-	-	-	-	-	-	-	-
19	TP1	2.00	-	-	-	-	-	0.02	<1	36	31	<0.4	2	8	<1	2	-	3
20	TP1	2.00	-	436	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.

NDP = NO DETERMINATION POSSIBLE

Checked By _____ Jane Seymour

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☐ Preliminar

☒ Validated

ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: SOIL

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited		✓	✓	✓	✓	✓	✓										
	Units		ug/kg	mg/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
	Detection Method		GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	Spectro2	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS	ICP MS
	Method Detection Limit		<10	<1	<10	<10	<10	<0.01	<1	<1	<10	<0.4	<1	<1	<1	<1	<5	<1
Sample Number	Sample Identity	Depth (m)	Ethylbenzene by GC	EPH (DRO)	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Total Cyanide Soil	Arsenic on Leachate by ICP-MS	Boron on Leachate by ICP-MS	Cadmium on Leachate by ICP-MS	Chromium on Leachate by ICP-MS	Copper on Leachate by ICP-MS	Nickel on Leachate by ICP-MS	Lead on Leachate by ICP-MS	Antimony on Leachate by ICP-MS	Selenium on Leachate by ICP-MS
21	TP1	2.00	>10	-	>10	>10	>10	-	-	-	-	-	-	-	-	-	-	-
22	TP2	0.10	-	-	-	-	-	0.09	>1	-	-	-	-	-	-	-	-	-
23	TP2	0.10	-	8564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	TP2	0.10	<10	-	<10	<10	<10	-	-	-	-	-	-	-	-	-	-	-
25	TP3	0.30	-	-	-	-	-	0.04	>1	-	-	-	-	-	-	-	-	-
26	TP3	0.30	-	12977	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	TP3	0.30	<10	-	49381	<10	<10	-	-	-	-	-	-	-	-	-	-	-
28	TP3	2.00	-	-	-	-	-	<0.01	<1	-	-	-	-	-	-	-	-	-
29	TP3	2.00	-	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	TP3	2.00	<10	-	83	11	35	-	-	-	-	-	-	-	-	-	-	-
31	TP4	0.30	-	-	-	-	-	0.01	<1	-	-	-	-	-	-	-	8	-
34	TP5	0.20	-	-	-	-	-	0.09	<1	-	-	-	-	-	-	-	182	-
35	TP5	0.20	-	19960	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	TP5	0.20	<10	-	16	<10	<10	-	-	-	-	-	-	-	-	-	-	-
37	TP5	2.00	-	-	-	-	-	0.01	>1	-	-	-	-	-	-	-	>5	-
38	TP5	2.00	-	629	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	TP5	2.00	12	-	84	14	53	-	-	-	-	-	-	-	-	-	-	-

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Table Of Results

Client Ref. No.: 312884

[illegible]

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ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: WATER

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Units		mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	mg/l	ug/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	ug/l	ug/l
	Detection Method		Spectro	Spectro	SPECTRO	spectro	CVAAS	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	ICP MS	ICP MS
	Method Detection Limit		<0.03	<0.05	<3	<0.05	<0.05	<10	<0.01	<10	<0.01	<10	<10	<10	<10	<0.01	<1	<10
Sample Number	Sample Identity	Depth (m)	Hexavalent Chrome	Sulphide In Water	Sulphate (soluble)	Total Cyanide on Water	Mercury Low Dutch Target AA	Benzene by GC	DRO by GC-FID	Ethylbenzene by GC	EPH (Mineral Oil)	MTBE GC-FID	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Arsenic by ICP-MS	Boron by ICP-MS
40	BH1	-	<0.03	<0.05	73	-	-	-	0.023	-	<0.01	-	-	-	-	-	-	-
41	BH1	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
42	BH1	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
43	BH1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	463
44	BH1	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-
47	BH5	-	<0.03	<0.05	1442	-	-	-	0.268	-	0.174	-	-	-	-	-	-	-
48	BH5	-	-	-	-	-	0.49	-	-	-	-	-	-	-	-	-	-	-
49	BH5	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
50	BH5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	403
51	BH5	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-
53	BH6	-	<0.03	<0.05	198	-	-	-	<0.01	-	<0.01	-	-	-	-	-	-	-
54	BH6	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
55	BH6	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
56	BH6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	202
57	BH6	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-
59	BH6A	-	<0.03	<0.05	198	-	-	-	0.019	-	<0.01	-	-	-	-	-	-	-
60	BH6A	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
61	BH6A	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
62	BH6A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	241
63	BH6A	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-

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ALcontrol Geochem Analytical Services

Table Of Results

Job Number: 03/10545/02/01

Client: CH2M Hill United Kingdom

Date of Receipt: 14/08/03
(of first sample)

Sample Type: WATER

Location: MC SWANSEA

Client Contact: Tim Wright

Client Ref. No.: 312884

	UKAS Accredited			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Units		mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	mg/l	ug/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	ug/l	ug/l
	Detection Method		Spectro	Spectro	SPECTRO	spectro	CVAAS	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	GC-FID	HPLC	ICP MS	ICP MS
	Method Detection Limit		<0.03	<0.05	<3	<0.05	<0.05	<10	<0.01	<10	<0.01	<10	<10	<10	<10	<10	<0.01	<1
Sample Number	Sample Identity	Depth (m)	Hexavalent Chrome	Sulphide In Water	Sulphate (soluble)	Total Cyanide on Water	Mercury Low Dutch Target AA	Benzene by GC	DRO by GC-FID	Ethylbenzene by GC	EPH (Mineral Oil)	MTBE GC-FID	Petrol Range Organics by GC	Toluene by GC	Xylene by GC	Total Phenols HPLC	Arsenic by ICP-MS	Boron by ICP-MS
65	BH7	-	<0.03	<0.05	89	-	-	-	0.345	-	0.224	-	-	-	-	-	-	-
66	BH7	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
67	BH7	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
68	BH7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	201
69	BH7	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-
71	CLN SRC	-	<0.03	<0.05	<3	-	-	-	0.013	-	<0.01	-	-	-	-	-	-	-
72	CLN SRC	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
73	CLN SRC	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.01	-	-
74	CLN SRC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<10
75	CLN SRC	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-
77	TAP	-	<0.03	<0.05	18	-	-	-	0.012	-	<0.01	-	-	-	-	-	-	-
78	TAP	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
79	TAP	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	0.08	-	-
80	TAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	<10
81	TAP	-	-	-	-	-	-	<10	-	<10	-	<10	42	<10	<10	-	-	-
83	TRIP BLANK	-	-	-	-	-	<0.05	-	<0.01	-	<0.01	-	-	-	-	-	<1	<10
84	TRIP BLANK	-	-	-	-	-	-	<10	-	<10	-	<10	<10	<10	<10	-	-	-

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Table Of Results

Client Ref. No.: 312884

[illegible]

NFP = NO FIBRES PRESENT

ALcontrol Geochem

Job Number : 03/10545/02/01

Client : CH2M Hill United Kingdom

Ref : 312884

Method :	PAH by GCMS					
Sample Type :	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units :	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Depth :	1.5-2.0	1.3-2.0	3.5	2.5-3.0	3.1	2.0
Sample Identity :	BH2	BH3	BH4	BH5	BH7	TP1
Sample Number :	5	8	11	14	17	20

CAS N°	Compound	Conc	Conc	Conc	Conc	Conc	Conc
91-20-3	Naphthalene	305	108	232	431	124	166
208-96-8	Acenaphthylene	15	36	74	17	23	14
83-32-9	Acenaphthene	252	70	166	123	50	2066
86-73-7	Fluorene	199	125	274	111	73	1943
85-01-8	Phenanthrene	1232	270	565	374	220	8687
120-12-7	Anthracene	301	104	198	84	50	2137
206-44-0	Fluoranthene	1882	343	730	296	220	7323
129-00-0	Pyrene	1619	410	871	260	203	6326
56-55-3	Benz(a)anthracene	1039	131	279	120	79	3133
218-01-9	Chrysene	1157	208	438	150	102	2866
205-99-2	Benzo(b)fluoranthene	1273	146	311	99	82	2080
207-08-9	Benzo(k)fluoranthene	1025	109	227	80	55	1905
50-32-8	Benzo(a)pyrene	1059	123	257	86	50	2265
193-39-5	Indeno(123cd)pyrene	742	69	145	34	24	945
53-70-3	Dibenzo(ah)anthracene	278	51	99	20	14	374
191-24-2	Benzo(ghi)perylene	841	95	198	43	31	1063
Total 16 PAH		13219	2398	5063	2327	1399	43294

ALcontrol Geochem

Job Number : 03/10545/02/01

Client : CH2M Hill United Kingdom

Ref : 312884

Method :	PAH by GCMS					
Sample Type :	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units :	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Depth :	1.5-2.0	1.3-2.0	3.5	2.5-3.0	3.1	2.0
Sample Identity :	BH2	BH3	BH4	BH5	BH7	TP1
Sample Number :	5	8	11	14	17	20

CAS N°	Compound	Conc	Conc	Conc	Conc	Conc	Conc
91-20-3	Naphthalene	305	108	232	431	124	166
208-96-8	Acenaphthylene	15	36	74	17	23	14
83-32-9	Acenaphthene	252	70	166	123	50	2066
86-73-7	Fluorene	199	125	274	111	73	1943
85-01-8	Phenanthrene	1232	270	565	374	220	8687
120-12-7	Anthracene	301	104	198	84	50	2137
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129-00-0	Pyrene	1619	410	871	260	203	6326
56-55-3	Benz(a)anthracene	1039	131	279	120	79	3133
218-01-9	Chrysene	1157	208	438	150	102	2866
205-99-2	Benzo(b)fluoranthene	1273	146	311	99	82	2080
207-08-9	Benzo(k)fluoranthene	1025	109	227	80	55	1905
50-32-8	Benzo(a)pyrene	1059	123	257	86	50	2265
193-39-5	Indeno(123cd)pyrene	742	69	145	34	24	945
53-70-3	Dibenzo(ah)anthracene	278	51	99	20	14	374
191-24-2	Benzo(ghi)perylene	841	95	198	43	31	1063
Total 16 PAH		13219	2398	5063	2327	1399	43294

ALcontrol Geochem

Job Number : 03/10545/02/01

Client : CH2M Hill United Kingdom

Ref : 312884

Method :	PAH by GCMS					
Sample Type :	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units :	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Depth :	0.1	0.3	2.0	0.3	0.2	2.0
Sample Identity :	TP2	TP3	TP3	TP4	TP5	TP5
Sample Number :	23	26	29	32	35	38

CAS N°	Compound	Conc	Conc	Conc	Conc	Conc	Conc
91-20-3	Naphthalene	89	949	188	185	14107	793
208-96-8	Acenaphthylene	6	50	7	8	210	138
83-32-9	Acenaphthene	181	2095	40	530	24723	508
86-73-7	Fluorene	105	1514	39	331	16443	424
85-01-8	Phenanthrene	991	12731	248	3411	112694	3160
120-12-7	Anthracene	272	3666	40	995	35333	947
206-44-0	Fluoranthene	2107	27494	251	6879	150010	5108
129-00-0	Pyrene	2149	23095	227	6350	148486	4479
56-55-3	Benz(a)anthracene	1326	19311	136	3295	113338	3577
218-01-9	Chrysene	1582	19576	189	3369	112386	3391
205-99-2	Benzo(b)fluoranthene	3053	34930	264	3552	190363	5396
207-08-9	Benzo(k)fluoranthene	1545	22038	160	2805	54979	2819
50-32-8	Benzo(a)pyrene	2429	25786	191	3269	110054	3269
193-39-5	Indeno(123cd)pyrene	1047	16316	149	1441	76093	2259
53-70-3	Dibenzo(ah)anthracene	394	6568	62	580	28793	884
191-24-2	Benzo(ghi)perylene	1133	17923	182	1698	78668	2569
Total 16 PAH		18408	234042	2373	38698	1266682	39720

ALcontrol Geochem

Job Number : 03/10545/02/01

Client : CH2M Hill United Kingdom

Ref : 312884

Method :	PAH by GCMS					
Sample Type :	WATER	WATER	WATER	WATER	WATER	WATER
Units :	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
Depth :	-	-	-	-	-	-
Sample Identity :	BH1	BH5	BH6	BH6A	BH7	CLN SRC
Sample Number :	40	47	53	59	65	71

CAS N°	Compound	Conc	Conc	Conc	Conc	Conc	Conc
91-20-3	Naphthalene	1383	720	277	286	899	<10
208-96-8	Acenaphthylene	<10	115	19	35	36	<10
83-32-9	Acenaphthene	57	2231	607	633	185	<10
86-73-7	Fluorene	29	391	74	95	190	<10
85-01-8	Phenanthrene	46	166	35	167	69	<10
120-12-7	Anthracene	13	117	29	40	49	<10
206-44-0	Fluoranthene	<10	28	221	201	43	<10
129-00-0	Pyrene	<10	33	212	213	51	<10
56-55-3	Benz(a)anthracene	<10	<10	34	<10	<10	<10
218-01-9	Chrysene	<10	<10	18	<10	<10	<10
205-99-2	Benzo(b)fluoranthene	<10	<10	<10	<10	<10	<10
207-08-9	Benzo(k)fluoranthene	<10	<10	<10	<10	<10	<10
50-32-8	Benzo(a)pyrene	<10	<10	<10	<10	<10	<10
193-39-5	Indeno(123cd)pyrene	<10	<10	<10	<10	<10	<10
53-70-3	Dibenzo(ah)anthracene	<10	<10	<10	<10	<10	<10
191-24-2	Benzo(ghi)perylene	<10	<10	<10	<10	<10	<10
Total 16 PAH		1528	3802	1527	1670	1523	<10

ALcontrol Geochem

Job Number : 03/10545/02/01

Client : CH2M Hill United Kingdom

Ref : 312884

Method :	PAH by GCMS					
Sample Type :	WATER	WATER				
Units :	ng/l	ng/l				
Depth :	-	-				
Sample Identity :	TAP	TRIP BLANK				
Sample Number :	77	83				

CAS N°	Compound	Conc	Conc	Conc	Conc	Conc	Conc
91-20-3	Naphthalene	<10	<10				
208-96-8	Acenaphthylene	<10	<10				
83-32-9	Acenaphthene	<10	<10				
86-73-7	Fluorene	<10	<10				
85-01-8	Phenanthrene	<10	<10				
120-12-7	Anthracene	<10	<10				
206-44-0	Fluoranthene	<10	<10				
129-00-0	Pyrene	<10	<10				
56-55-3	Benz(a)anthracene	<10	<10				
218-01-9	Chrysene	<10	<10				
205-99-2	Benzo(b)fluoranthene	<10	<10				
207-08-9	Benzo(k)fluoranthene	<10	<10				
50-32-8	Benzo(a)pyrene	<10	<10				
193-39-5	Indeno(123cd)pyrene	<10	<10				
53-70-3	Dibenzo(ah)anthracene	<10	<10				
191-24-2	Benzo(ghi)perylene	<10	<10				
Total 16 PAH		<10	<10				

[illegible]

Matrix [Units] : LIQUID [ug/l]

[illegible]

Extractable Petroleum Hydrocarbons (formally Diesel Range Organics) :- Any compound extractable in n-hexane within the carbon range C10-C40, includes Aliphatic (Min Oil), Aromatic (PAHs) and naturally occurring compounds.

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0003 BH1 1.5-2.0

Sample Type [Units] - SOIL [µg/kg]

Date Acquired - 29 Aug 03 07:00

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0006 BH2 1.5-2.0

Sample Type [Units] - SOIL [µg/kg]

Date Acquired - 29 Aug 03 07:35

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	10
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0009 BH3 1.3-2.0

Sample Type [Units] - SOIL [µg/kg]

Date Acquired - 29 Aug 03 08:11

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	3
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	14
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0012 BH4 3.5

Sample Type [Units] - SOIL [µg/kg]

Date Acquired - 29 Aug 03 14:15

Date Reported - 29 Aug 03 14:28

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	7
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	28
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	10
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	3	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0015 BH5 2.5-3.0

Sample Type [Units] - SOIL [µg/kg]

Date Acquired - 29 Aug 03 09:21

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	15
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	71
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	9
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	3	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0018 BH7 3.1

Sample Type [Units] - SOIL [µg/kg]

Date Acquired - 29 Aug 03 09:56

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0021 TP1 2.0

Sample Type [Units] - SOIL [µg/kg]

Date Acquired - 29 Aug 03 10:32

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0024 TP2 0.1

Sample Type [Units] - SOIL [µg/kg]

Date Acquired - 29 Aug 03 11:07

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	18	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0027 TP3 0.3

Sample Type [Units] - SOIL [µg/kg]

Date Acquired - 29 Aug 03 11:42

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	40	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	132	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	36686	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	5	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0030 TP3 2.0

Sample Type [Units] - SOIL [µg/kg]

Date Acquired - 29 Aug 03 12:17

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	2
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	6
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	88	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	2	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0045 BH1 -

Sample Type [Units] - WATER [µg/l]

Date Acquired - 29 Aug 03 01:43

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0046 BH4 -

Sample Type [Units] - WATER [µg/l]

Date Acquired - 29 Aug 03 02:18

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0052 BH5 -

Sample Type [Units] - WATER [µg/l]

Date Acquired - 29 Aug 03 02:54

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0058 BH6 -

Sample Type [Units] - WATER [µg/l]

Date Acquired - 29 Aug 03 03:29

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0064 BH6A -

Sample Type [Units] - WATER [µg/l]

Date Acquired - 27 Aug 03 10:18

Date Reported - 27 Aug 03 10:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0070 BH7 -

Sample Type [Units] - WATER [µg/l]

Date Acquired - 29 Aug 03 04:04

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	<1	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	<1	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0076 CLN SRC -

Sample Type [Units] - WATER [µg/l]

Date Acquired - 29 Aug 03 04:39

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	15	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	3	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0082 TAP -

Sample Type [Units] - WATER [µg/l]

Date Acquired - 29 Aug 03 05:15

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	16	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	6	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted

ALcontrol Geochem

Volatile Organic Compounds (EPA 624/8260)

Job Number - 03/10545

Client - CH2M Hill United Kingdom

Client Ref - 312884

Sample Identity - 0084 TRIP BLANK -

Sample Type [Units] - WATER [µg/l]

Date Acquired - 29 Aug 03 05:50

Date Reported - 29 Aug 03 13:26

CAS No	Compound	Conc.	CAS No	Compound	Conc.
75-71-8	Dichlorodifluoromethane	<1	106-93-4	1,2-Dibromoethane	<1
74-87-3	Chloromethane	<1	127-18-4	Tetrachloroethene	<1
75-01-4	Vinyl Chloride	<1	630-20-6	1,1,1,2-Tetrachloroethane	<1
74-83-9	Bromomethane	<1	108-90-7	Chlorobenzene	<1
75-00-3	Chloroethane	<1	100-41-4	Ethylbenzene	<1
75-69-4	Trichlorofluoromethane	<1	108-38-3*	p/m-Xylene	<1
156-60-5	trans-1,2-Dichloroethene	<1	75-25-2	Bromoform	<1
75-09-2	Dichloromethane	<1	100-42-5	Styrene	<1
75-15-0	Carbon disulphide	<1	79-34-5	1,1,2,2-Tetrachloroethane	<1
75-35-4	1,1-Dichloroethene	<1	95-47-6	o-Xylene	<1
75-34-3	1,1-Dichloroethane	<1	96-18-4	1,2,3-Trichloropropane	<1
1634-04-4	tert-butyl methyl ether	<1	98-82-8	Isopropylbenzene	<1
156-59-2	cis-1,2-Dichloroethene	<1	108-86-1	Bromobenzene	<1
74-97-5	Bromochloromethane	<1	95-49-8	2-Chlorotoluene	<1
67-66-3	Chloroform	6	103-65-1	Propylbenzene	<1
594-20-7	2,2-Dichloropropane	<1	106-43-4	4-Chlorotoluene	<1
107-06-2	1,2-Dichloroethane	<1	95-63-6	1,2,4-Trimethylbenzene	<1
71-55-6	1,1,1-Trichloroethane	<1	99-87-6	4-Isopropyltoluene	<1
563-58-6	1,1-Dichloropropene	<1	108-67-8	1,3,5-Trimethylbenzene	<1
71-43-2	Benzene	<1	95-50-1	1,2-Dichlorobenzene	<1
56-23-5	Carbontetrachloride	<1	106-46-7	1,4-Dichlorobenzene	<1
74-95-3	Dibromomethane	<1	135-98-8	sec-Butylbenzene	<1
78-87-5	1,2-Dichloropropane	<1	98-06-6	tert-Butylbenzene	<1
75-27-4	Bromodichloromethane	5	541-73-1	1,3-Dichlorobenzene	<1
79-01-6	Trichloroethene	<1	104-51-8	n-Butylbenzene	<1
10061-01-5	cis-1,3-Dichloropropene	<1	96-12-8	1,2-Dibromo-3-chloropropane	<1
10061-02-6	trans-1,3-Dichloropropene	<1	120-82-1	1,2,4-Trichlorobenzene	<1
79-00-5	1,1,2-Trichloroethane	<1	91-20-3	Naphthalene	<1
108-88-3	Toluene	<1	87-61-6	1,2,3-Trichlorobenzene	<1
142-28-9	1,3-Dichloropropane	<1	87-68-3	Hexachlorobutadiene	<1
124-48-1	Dibromochloromethane	<1			

N.B. * also CAS No. 106-42-3

** Water blank subtracted