ALcontrol Laboratories

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Attention: Simon Johnson

CERTIFICATE OF ANALYSIS

Date:	16 November 2010		
Customer:	H_WYG_MAN-35		
Sample Delivery Group (SDG):	101028-114	**Report No.:**	103408
Your Reference:			
Location:			

We received 9 samples on Thursday October 28, 2010 and 9 of these samples were scheduled for analysis which was completed on Tuesday November 16, 2010. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

All chemical testing (unless subcontracted) is performed at ALcontrol Hawarden Laboratories.

Asbestos testing - we are not accredited for screening soil samples for asbestos fibres. We are only accredited to identify asbestos fibres in bulk material (ACM).

Approved By:

Iain Swinton

Business Director - Land, UK & Ireland

UKAS TESTING
1291

Validated

ALcontrol Laboratories Analytical Services

SDG:	101028-114	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-35	**Attention:**	Simon Johnson
Client Reference:		**Order No.:**	
Location:		**Report No:**	103408

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
2331456	BH103			
2331459	BH115			27/10/2010
2331472	BH413			27/10/2010
2331467	BH409A			
2331460	BHI209			27/10/2010
2331462	BHS304			
2331476	DUP A			
2309204	DUP B			
2309248	RSD			27/10/2010

Only received samples which have had analysis scheduled will be shown on the following pages.

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ALcontrol Laboratories Analytical Services

SDG:	101028-114	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-35	**Attention:**	Simon Johnson
Client Reference:		**Order No.:**	
Location:		**Report No:**	103408

LIQUID

Results Legend

X — Test

N — No Determination Possible

			Lab Sample No(s)	2331476	2331456	2331459	2331460	2331462	2331467	2331472
			Customer Sample Ref.	DUP A	BH103	BH115	BH209	BH5304	BH409A	BH413
			AGS Ref.							
			Depth (m)							
			Container	1l green glass bottle / 1lplastic / H2SO4 / NaOH	1l green glass bottle / 1lplastic / H2SO4 / INV VIAL / NaOH / ZnAc	1l green glass bottle / 1lplastic / H2SO4 / NaOH / Vial / ZnAc	1l green glass bottle / 1lplastic / H2SO4 / NaOH / Vial / ZnAc	1l green glass bottle / 1lplastic / H2SO4 / NaOH / Vial / ZnAc	1l green glass bottle / 1lplastic / H2SO4 / NaOH / Vial / ZnAc	1l green glass bottle / 1lplastic / H2SO4 / INV VIAL / NaOH / ZnAc
Alkalinity as CaCO3	All	NDPs: 0 Tests: 9		X	X	X	X	X	X	X
Ammonium	All	NDPs: 0 Tests: 9		X	X	X	X	X	X	X
Anions by ion Chromatography	All	NDPs: 0 Tests: 1								X
Anions by Kone (w)	All	NDPs: 0 Tests: 8		X	X	X	X	X	X	
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 9		X	X	X	X	X	X	X
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 9		X	X	X	X	X	X	X
EPH (DRO) (C10-C40) Aqueous (W)	All	NDPs: 0 Tests: 9		X	X	X	X	X	X	X
EPH CWG (Aliphatic) Aqueous GC (W)	All	NDPs: 0 Tests: 7			X	X	X	X	X	X
EPH CWG (Aromatic) Aqueous GC (W)	All	NDPs: 0 Tests: 7			X	X	X	X	X	X
GRO by GC-FID (W)	All	NDPs: 0 Tests: 9								
Low Level Phenols by HPLC (W)	All	NDPs: 0 Tests: 8								
Mercury Dissolved	All	NDPs: 0 Tests: 9		X	X	X	X	X	X	X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 9		X	X	X	X	X	X	X
pH Value	All	NDPs: 0 Tests: 9		X	X	X	X	X	X	X
Phenols by HPLC (W)	All	NDPs: 0 Tests: 1								
Sulphide	All	NDPs: 0 Tests: 9								

Validated

ALcontrol Laboratories Analytical Services

SDG:	101028-114	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-35	**Attention:**	Simon Johnson
Client Reference:		**Order No.:**	
Location:		**Report No:**	103408

LIQUID

Results Legend

X — Test

N — No Determination Possible

			Lab Sample No(s)	2331476	2331456	2331459	2331460	2331462	2331467	2331472
			Customer Sample Ref.	DUP A	BH103	BH115	BHI209	BHS304	BH409A	BH413
			AGS Ref.							
			Depth (m)							
			Container	1l green glass bottle	1lplastic	H2SO4	NaOH	Vial	ZnAc	INV VIAL
SVOC MS (W) - Aqueous	All	NDPs: 0 Tests: 7			X		X		X		X		X		X		X		X	
TPH CWG (W)	All	NDPs: 0 Tests: 7			X		X		X		X		X		X		X		X	
VOC MS (W)	All	NDPs: 0 Tests: 7				X		X		X		X		X		X		X		X

Validated

ALcontrol Laboratories Analytical Services

SDG:	101028-114	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-35	**Attention:**	Simon Johnson
Client Reference:		**Order No.:**	
Location:		**Report No:**	103408

LIQUID

Results Legend

X Test

N No Determination Possible

			Lab Sample No(s)	2309204						2309248						2331476	
			Customer Sample Ref.	DUP B						RSD						DUP A	
			AGS Ref.														
			Depth (m)														
			Container	1l green glass bottle	1lplastic	H2SO4	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	NaOH	Vial	ZnAc	Vial	ZnAc
Alkalinity as CaCO3	All	NDPs: 0 Tests: 9			X						X						
Ammonium	All	NDPs: 0 Tests: 9				X						X					
Anions by Kone (w)	All	NDPs: 0 Tests: 8			X						X						
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 9					X						X				
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 9			X						X						
EPH (DRO) (C10-C40) Aqueous (W)	All	NDPs: 0 Tests: 9		X						X							
EPH CWG (Aliphatic) Aqueous GC (W)	All	NDPs: 0 Tests: 7								X							
EPH CWG (Aromatic) Aqueous GC (W)	All	NDPs: 0 Tests: 7								X							
GRO by GC-FID (W)	All	NDPs: 0 Tests: 9						X						X		X	
Low Level Phenols by HPLC (W)	All	NDPs: 0 Tests: 8					X						X				
Mercury Dissolved	All	NDPs: 0 Tests: 9		X						X							
Metals by iCap-OES Dissolved (W)	All	NDPs: 0 Tests: 1									X						
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 9		X						X							
pH Value	All	NDPs: 0 Tests: 9			X						X						
Sulphide	All	NDPs: 0 Tests: 9							X						X		X
SVOC MS (W) - Aqueous	All	NDPs: 0 Tests: 7								X							
TPH CWG (W)	All	NDPs: 0 Tests: 7								X							

Validated

ALcontrol Laboratories Analytical Services

SDG:	101028-114	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-35	**Attention:**	Simon Johnson
Client Reference:		**Order No.:**	
Location:		**Report No:**	103408

LIQUID

Results Legend

X Test

N No Determination Possible

			Lab Sample No(s)	2309204						2309248						2331476
			Customer Sample Ref.	DUP B						RSD						DUP A
			AGS Ref.													
			Depth (m)													
			Container	1l green glass bottle	1l plastic	H2SO4	NaOH	Vial	ZnAc	1l green glass bottle	1l plastic	H2SO4	NaOH	Vial	ZnAc	Vial	ZnAc
VOC MS (W)	All	NDPs: 0 Tests: 7												X			

Validated

ALcontrol Laboratories Analytical Services

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

Test Completion Dates

Lab Sample No(s)	2331456	2331459	2331472	2331467	2331460	2331462	2331476	2309204	2309248
Customer Sample Ref.	BH103	BH115	BH413	BH409A	BHI209	BHS304	DUP A	DUP B	RSD
AGS Ref.									
Depth									
Type	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Alkalinity as CaCO3	02/11/2010	01/11/2010	02/11/2010	01/11/2010	01/11/2010	01/11/2010	01/11/2010	08/11/2010	08/11/2010
Ammonium	02/11/2010	02/11/2010	01/11/2010	02/11/2010	01/11/2010	01/11/2010	01/11/2010	09/11/2010	09/11/2010
Anions by ion Chromatography			03/11/2010						
Anions by Kone (w)	02/11/2010	01/11/2010		01/11/2010	02/11/2010	02/11/2010	01/11/2010	09/11/2010	09/11/2010
Cyanide Comp/Free/Total/Thiocyanate	01/11/2010	01/11/2010	01/11/2010	01/11/2010	01/11/2010	01/11/2010	01/11/2010	08/11/2010	08/11/2010
Dissolved Metals by ICP-MS	02/11/2010	02/11/2010	02/11/2010	02/11/2010	02/11/2010	02/11/2010	02/11/2010	08/11/2010	08/11/2010
EPH (DRO) (C10-C40) Aqueous (W)	05/11/2010	05/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010	09/11/2010	12/11/2010
EPH CWG (Aliphatic) Aqueous GC (W)	03/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010			11/11/2010
EPH CWG (Aromatic) Aqueous GC (W)	03/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010			11/11/2010
GRO by GC-FID (W)	04/11/2010	04/11/2010	04/11/2010	04/11/2010	04/11/2010	04/11/2010	04/11/2010	15/11/2010	15/11/2010
Low Level Phenols by HPLC (W)	02/11/2010	02/11/2010	02/11/2010	02/11/2010		02/11/2010	02/11/2010	08/11/2010	08/11/2010
Mercury Dissolved	01/11/2010	01/11/2010	01/11/2010	01/11/2010	01/11/2010	01/11/2010	01/11/2010	08/11/2010	08/11/2010
Metals by iCap-OES Dissolved (W)									08/11/2010
PAH Spec MS - Aqueous (W)	03/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010	02/11/2010	10/11/2010	10/11/2010
pH Value	01/11/2010	01/11/2010	01/11/2010	01/11/2010	29/10/2010	01/11/2010	01/11/2010	08/11/2010	08/11/2010
Phenols by HPLC (W)					03/11/2010				
Sulphide	03/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010	03/11/2010	08/11/2010	08/11/2010
SVOC MS (W) - Aqueous	04/11/2010	02/11/2010	02/11/2010	02/11/2010	02/11/2010	02/11/2010			11/11/2010
TPH CWG (W)	04/11/2010	04/11/2010	04/11/2010	04/11/2010	04/11/2010	04/11/2010			15/11/2010
VOC MS (W)	02/11/2010	02/11/2010	02/11/2010	02/11/2010	02/11/2010	02/11/2010			15/11/2010

ALcontrol Laboratories Analytical Services

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	Depth (m)	Sample Type	Date Sampled	Date Received	SDG Ref	Lab Sample No.(s)	AGS Reference
			BH103		Water(GW/SW)		28/10/2010	101028-114	2331456	
			BH115		Water(GW/SW)	27/10/2010	28/10/2010	101028-114	2331459	
			BH409A		Water(GW/SW)		28/10/2010	101028-114	2331467	
			BH413		Water(GW/SW)	27/10/2010	28/10/2010	101028-114	2331472	
			BHI209		Water(GW/SW)	27/10/2010	28/10/2010	101028-114	2331460	
			BHS304		Water(GW/SW)		28/10/2010	101028-114	2331462	
Alkalinity, Total as CaCO3	<2 mg/l	TM043	94.5 #		125 #		290 #		674 #	
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099	0.475 #		0.301 #		<0.2 #		7.24 #	
Sulphide	<0.01 mg/l	TM101	0.925 #		<0.01 #		<0.01 #		0.022 #	
Antimony (diss.filt)	<0.16 µg/l	TM152	0.388 #		4.15 #		52.2 #		15.8 #	
Arsenic (diss.filt)	<0.12 µg/l	TM152	2.76 #		8.42 #		242 #		449 #	
Boron (diss.filt)	<9.4 µg/l	TM152	64.4 #		176 #		287 #		172 #	
Cadmium (diss.filt)	<0.1 µg/l	TM152	<0.1 #		<0.1 #		3.27 #		0.401 #	
Chromium (diss.filt)	<0.22 µg/l	TM152	1.92 #		6.75 #		7.04 #		38.9 #	
Copper (diss.filt)	<0.85 µg/l	TM152	<0.85 #		4.25 #		132 #		151 #	
Lead (diss.filt)	<0.02 µg/l	TM152	0.02 #		0.121 #		2.66 #		312 #	
Nickel (diss.filt)	<0.15 µg/l	TM152	7.61 #		2.14 #		27.9 #		48.2 #	
Selenium (diss.filt)	<0.39 µg/l	TM152	0.86 #		1.33 #		59 #		33 #	
Vanadium (diss.filt)	<0.24 µg/l	TM152	0.41 #		10.4 #		3.88 #		182 #	
Zinc (diss.filt)	<0.41 µg/l	TM152	2.28 #		0.916 #		2040 #		38.4 #	
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172	98 #		214 #		<46 #		1130 #	
EPH Band >C10-C20 (aq)	<10 µg/l	TM172	79.4		74.3		<10		402	
EPH Band >C20-C30 (aq)	<10 µg/l	TM172	18.6		110		<10		548	
EPH Band >C30-C40 (aq)	<10 µg/l	TM172	<10		29.6		<10		181	
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01 #		<0.01 #		<0.01 #		0.501 #	
Sulphate	<3 mg/l	TM184	1410 #		194 #		1130 #			
Sulphate	<0.1 mg/l	TM226							635 #	
Cyanide, Total	<0.05 mg/l	TM227	<0.05 #		<0.05 #		<0.05 #		<0.05 #	
pH	<1 pH Units	TM256	8.2 #		8.44 #		8.17 #		8.82 #	
Resorcinol (low level)	<0.5 µg/l	TM259	<0.5		5.75		<0.5		<0.5	
Catechol (low level)	<0.5 µg/l	TM259	<0.5		<0.5		<0.5		<0.5	
Resorcinol	<0.01 mg/l	TM259								
Catechol	<0.01 mg/l	TM259								
Phenol (low level)	<0.5 µg/l	TM259	<0.5		<0.5		<0.5		<0.5	
Cresols (low level)	<0.5 µg/l	TM259	<0.5		<0.5		<0.5		<0.5	
Phenol	<0.002 mg/l	TM259								
Cresols	<0.006 mg/l	TM259								
Xylenols (low level)	<0.5 µg/l	TM259	<0.5		<0.5		<0.5		<0.5	
1-Napthol (low level)	<0.5 µg/l	TM259	<0.5		<0.5		<0.5		10.9	
Xylenols	<0.008 mg/l	TM259								
1-Naphthol	<0.01 mg/l	TM259								
2,3,5-Trimethylphenol (low level)	<0.5 µg/l	TM259	<0.5		<0.5		<0.5		<0.5	
2,3,5-Trimethylphenol	<0.003 mg/l	TM259								
2-Isopropylphenol (low level)	<0.5 µg/l	TM259	<0.5		<0.5		<0.5		<0.5	
2-Isopropylphenol	<0.006 mg/l	TM259								

Component	LOD/Units	Method	BHI209	BHS304
Alkalinity, Total as CaCO3	<2 mg/l	TM043	250 #	75 #
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099	2.01 #	1.48 #
Sulphide	<0.01 mg/l	TM101	0.169 #	<0.01 #
Antimony (diss.filt)	<0.16 µg/l	TM152	0.527 #	5.82 #
Arsenic (diss.filt)	<0.12 µg/l	TM152	0.951 #	16600 #
Boron (diss.filt)	<9.4 µg/l	TM152	129 #	131 #
Cadmium (diss.filt)	<0.1 µg/l	TM152	<0.1 #	0.171 #
Chromium (diss.filt)	<0.22 µg/l	TM152	6.06 #	3.86 #
Copper (diss.filt)	<0.85 µg/l	TM152	0.881 #	5.94 #
Lead (diss.filt)	<0.02 µg/l	TM152	0.109 #	<0.02 #
Nickel (diss.filt)	<0.15 µg/l	TM152	2.52 #	7.32 #
Selenium (diss.filt)	<0.39 µg/l	TM152	0.481 #	11.8 #
Vanadium (diss.filt)	<0.24 µg/l	TM152	2.11 #	2.24 #
Zinc (diss.filt)	<0.41 µg/l	TM152	3.39 #	9.25 #
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172	163 #	<46 #
EPH Band >C10-C20 (aq)	<10 µg/l	TM172	105	<10
EPH Band >C20-C30 (aq)	<10 µg/l	TM172	38.8	<10
EPH Band >C30-C40 (aq)	<10 µg/l	TM172	19.5	<10
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01 #	0.0106 #
Sulphate	<3 mg/l	TM184	4 #	812 #
Sulphate	<0.1 mg/l	TM226		
Cyanide, Total	<0.05 mg/l	TM227	<0.05 #	<0.05 #
pH	<1 pH Units	TM256	7.83 #	8.13 #
Resorcinol (low level)	<0.5 µg/l	TM259		<0.5
Catechol (low level)	<0.5 µg/l	TM259		<0.5
Resorcinol	<0.01 mg/l	TM259	<0.01	
Catechol	<0.01 mg/l	TM259	<0.01	
Phenol (low level)	<0.5 µg/l	TM259		<0.5
Cresols (low level)	<0.5 µg/l	TM259		<0.5
Phenol	<0.002 mg/l	TM259	0.38 #	
Cresols	<0.006 mg/l	TM259	<0.006 #	
Xylenols (low level)	<0.5 µg/l	TM259		<0.5
1-Napthol (low level)	<0.5 µg/l	TM259		<0.5
Xylenols	<0.008 mg/l	TM259	<0.008 #	
1-Naphthol	<0.01 mg/l	TM259	<0.01 #	
2,3,5-Trimethylphenol (low level)	<0.5 µg/l	TM259		<0.5
2,3,5-Trimethylphenol	<0.003 mg/l	TM259	<0.003 #	
2-Isopropylphenol (low level)	<0.5 µg/l	TM259		<0.5
2-Isopropylphenol	<0.006 mg/l	TM259	<0.006 #	

Validated

ALcontrol Laboratories Analytical Services

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH115	BH409A	BH413	BHI209	BHS304
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled		27/10/2010		27/10/2010	27/10/2010	
			Date Received	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010
			SDG Ref	101028-114	101028-114	101028-114	101028-114	101028-114	101028-114
			Lab Sample No.(s)	2331456	2331459	2331467	2331472	2331460	2331462
			AGS Reference						
Phenols, Total monohydric (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5		<0.5
Phenols, Total 5 speciated (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5		<0.5

Validated

ALcontrol Laboratories Analytical Services

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

PAH Spec MS - Aqueous (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH115	BH409A	BH413	BHI209	BHS304
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled		27/10/2010		27/10/2010	27/10/2010	
			Date Received	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010
			SDG Ref	101028-114	101028-114	101028-114	101028-114	101028-114	101028-114
			Lab Sample No.(s)	2331456	2331459	2331467	2331472	2331460	2331462
			AGS Reference						
Naphthalene (aq)	<0.1 µg/l	TM178		<0.1 #	<0.1 #	<0.1 #	2.73 #	<0.1 #	<0.1 #
Acenaphthene (aq)	<0.015 µg/l	TM178		0.0216 #	<0.015 #	0.0245 #	0.843 #	0.0505 #	<0.015 #
Acenaphthylene (aq)	<0.011 µg/l	TM178		<0.011 #	<0.011 #	<0.011 #	0.0184 #	<0.011 #	<0.011 #
Fluoranthene (aq)	<0.014 µg/l	TM178		<0.014 #	0.243 #	0.188 #	2.55 #	<0.014 #	<0.014 #
Anthracene (aq)	<0.015 µg/l	TM178		<0.015 #	0.0276 #	0.0301 #	0.373 #	<0.015 #	<0.015 #
Phenanthrene (aq)	<0.022 µg/l	TM178		<0.022 #	0.0872 #	0.109 #	1.9 #	<0.022 #	<0.022 #
Fluorene (aq)	<0.014 µg/l	TM178		<0.014 #	<0.014 #	0.0181 #	0.421 #	<0.014 #	<0.014 #
Chrysene (aq)	<0.013 µg/l	TM178		<0.013 #	0.151 #	0.116 #	1.14 #	<0.013 #	<0.013 #
Pyrene (aq)	<0.015 µg/l	TM178		<0.015 #	0.228 #	0.177 #	2.51 #	<0.015 #	<0.015 #
Benzo(a)anthracene (aq)	<0.017 µg/l	TM178		<0.017 #	0.118 #	0.0922 #	0.875 #	<0.017 #	<0.017 #
Benzo(b)fluoranthene (aq)	<0.023 µg/l	TM178		<0.023 #	0.152 #	0.084 #	0.821 #	<0.023 #	<0.023 #
Benzo(k)fluoranthene (aq)	<0.027 µg/l	TM178		<0.027 #	0.134 #	0.0642 #	0.638 #	<0.027 #	<0.027 #
Benzo(a)pyrene (aq)	<0.009 µg/l	TM178		<0.009 #	0.155 #	0.0807 #	0.761 #	<0.009 #	<0.009 #
Dibenzo(a,h)anthracene (aq)	<0.016 µg/l	TM178		<0.016 #	0.0207 #	<0.016 #	0.0926 #	<0.016 #	<0.016 #
Benzo(g,h,i)perylene (aq)	<0.016 µg/l	TM178		<0.016 #	0.125 #	0.0485 #	0.463 #	<0.016 #	<0.016 #
Indeno(1,2,3-cd)pyrene (aq)	<0.014 µg/l	TM178		<0.014 #	0.0956 #	0.0374 #	0.35 #	<0.014 #	<0.014 #
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	<0.1 µg/l	TM178		<0.1 #	1.42 #	1.07 #	16.5 #	<0.1 #	<0.1 #

SDG:	101028-114	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-35	**Attention:**	Labdata Manchester
Client Reference:		**Order No.:**	
Location:		**Report No:**	103408

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH115	BH409A	BH413	BHI209	BHS304
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled		27/10/2010		27/10/2010	27/10/2010	
			Date Received	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010
			SDG Ref	101028-114	101028-114	101028-114	101028-114	101028-114	101028-114
			Lab Sample No.(s)	2331456	2331459	2331467	2331472	2331460	2331462
			AGS Reference						
1,2,4-Trichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	1.36	<10	<1
1,2-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	5.12	<10	<1
1,3-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
1,4-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	1.34	<10	<1
2,4,5-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
2,4,6-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	1.06	<10	<1
2,4-Dichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	2.7	<10	<1
2,4-Dimethylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	1.45	<10	<1
2,4-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
2,6-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
2-Chloronaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
2-Chlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
2-Methylnaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
2-Methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
2-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
2-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
3-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
4-Bromophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
4-Chloro-3-methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
4-Chloroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	1.53	<10	<1
4-Chlorophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
4-Methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
4-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
4-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	5.68	<10	<1
Azobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
bis(2-Chloroethyl)ether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
bis(2-Chloroethoxy)methane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
bis(2-Ethylhexyl) phthalate (aq)	<2 µg/l	TM176		<2	<2	<2	<5	<20	<2
Butylbenzyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Benzo(k)fluoranthene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Carbazole (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Dibenzofuran (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
n-Dibutyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Diethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Dimethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
n-Dioctyl phthalate (aq)	<5 µg/l	TM176		<5	<5	<5	<5	<50	<5
Hexachlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Hexachlorobutadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Pentachlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH115	BH409A	BH413	BHI209	BHS304
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled		27/10/2010		27/10/2010	27/10/2010	
			Date Received	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010
			SDG Ref	101028-114	101028-114	101028-114	101028-114	101028-114	101028-114
			Lab Sample No.(s)	2331456	2331459	2331467	2331472	2331460	2331462
			AGS Reference						
Phenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
n-Nitroso-n-dipropylamine (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Hexachloroethane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Nitrobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Isophorone (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Hexachlorocyclopentadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
Indeno(1,2,3-cd)pyrene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<10	<1
SVOC TIC (aq)	-	TM176		No TIC's identified	No TIC's identified	No TIC's identified	See Attached	See Attached	No TIC's identified

Validated

ALcontrol Laboratories Analytical Services

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

TPH CWG (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH115	BH409A	BH413	BHI209	BHS304
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled		27/10/2010		27/10/2010	27/10/2010	
			Date Received	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010
			SDG Ref	101028-114	101028-114	101028-114	101028-114	101028-114	101028-114
			Lab Sample No.(s)	2331456	2331459	2331467	2331472	2331460	2331462
			AGS Reference						
Total Aliphatics >C5-C35 (aq)	<10 µg/l	TM174		<10	<10	<10	245	121	<10
Total Aromatics >C6-C35 (aq)	<10 µg/l	TM174		<10	<10	<10	66	88	<10
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174		<10	<10	<10	311	209	<10
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174		<10	<10	<10	20	<10	<10
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174		<10	<10	<10	213	<10	<10
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174		<10	<10	<10	12	<10	<10
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174		<10	<10	<10	233	<10	<10
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174		<10	<10	<10	12	<10	<10
Total Aliphatics & Aromatics >C12-C35 (Aqueous)	<10 µg/l	TM174		<10	<10	<10	245	<10	<10
GRO Surrogate % recovery**	%	TM245		106	101	96	116	94	111
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Benzene	<7 µg/l	TM245		<7 #	<7 #	<7 #	44 #	8 #	<7 #
Toluene	<4 µg/l	TM245		<4 #	<4 #	<4 #	<4 #	<4 #	<4 #
Ethylbenzene	<5 µg/l	TM245		<5 #	<5 #	<5 #	<5 #	<5 #	<5 #
m,p-Xylene	<8 µg/l	TM245		<8 #	<8 #	<8 #	<8 #	<8 #	<8 #
o-Xylene	<3 µg/l	TM245		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
GRO >C10-C12	<10 µg/l	TM245		<10	<10	<10	12	<10	<10
Aliphatics >C5-C6	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Aliphatics >C6-C8	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Aliphatics >C8-C10	<10 µg/l	TM245		<10	<10	<10	<10	114	<10
Aliphatics >C10-C12	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Total Aliphatics >C5-C12	<10 µg/l	TM245		<10	<10	<10	12	121	<10
Aromatics >EC5-EC7	<10 µg/l	TM245		<10	<10	<10	44	<10	<10
Aromatics >EC7-EC8	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Aromatics >EC8-EC10	<10 µg/l	TM245		<10	<10	<10	<10	76	<10
Aromatics >EC10-EC12	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Total Aromatics >EC5-EC12	<10 µg/l	TM245		<10	<10	<10	54	88	<10
m,p,o-Xylene	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
BTEX, Total	<10 µg/l	TM245		<10	<10	<10	44	<10	<10
GRO >C5-C12	<50 µg/l	TM245		<50 #	<50 #	<50 #	66 #	210 #	<50 #

ALcontrol Laboratories Analytical Services

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH115	BH409A	BH413	BHI209	BHS304
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled		27/10/2010		27/10/2010	27/10/2010	
			Date Received	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010
			SDG Ref	101028-114	101028-114	101028-114	101028-114	101028-114	101028-114
			Lab Sample No.(s)	2331456	2331459	2331467	2331472	2331460	2331462
			AGS Reference						
Dibromofluoromethane**	%	TM208		106	108	109	107	103	108
Toluene-d8**	%	TM208		99.9	100	102	101	101	101
4-Bromofluorobenzene**	%	TM208		104	102	99.7	101	100	101
Dichlorodifluoromethane	<7 µg/l	TM208		<7 #	<7 #	<7 #	<7 #	<7 #	<7 #
Chloromethane	<9 µg/l	TM208		<9 #	<9 #	<9 #	<9 #	<9 #	<9 #
Vinyl chloride	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromomethane	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
Chloroethane	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
Trichlorofluoromethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloroethene	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Carbon disulphide	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Dichloromethane	<3.7 µg/l	TM208		<3.7 #	<3.7 #	<3.7 #	<3.7 #	<3.7 #	<3.7 #
Methyl tertiary butyl ether (MTBE)	<1.6 µg/l	TM208		<1.6 #	<1.6 #	<1.6 #	<1.6 #	<1.6 #	<1.6 #
trans-1,2-Dichloroethene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,1-Dichloroethane	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
cis-1,2-Dichloroethene	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
2,2-Dichloropropane	<3.8 µg/l	TM208		<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #
Bromochloromethane	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Chloroform	<1.8 µg/l	TM208		<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
1,1,1-Trichloroethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloropropene	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Carbontetrachloride	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,2-Dichloroethane	<3.3 µg/l	TM208		<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Benzene	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	9.91 #	57.6 #	<1.3 #
Trichloroethene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	3.83 #	<2.5 #
1,2-Dichloropropane	<3 µg/l	TM208		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Dibromomethane	<2.7 µg/l	TM208		<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
Bromodichloromethane	<0.9 µg/l	TM208		<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #
cis-1,3-Dichloropropene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Toluene	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
trans-1,3-Dichloropropene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,2-Trichloroethane	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,3-Dichloropropane	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
Tetrachloroethene	<1.5 µg/l	TM208		<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #
Dibromochloromethane	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
1,2-Dibromoethane	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Chlorobenzene	<3.5 µg/l	TM208		9.97 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,1,2-Tetrachloroethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Ethylbenzene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
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VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH115	BH409A	BH413	BHI209	BHS304
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled		27/10/2010		27/10/2010	27/10/2010	
			Date Received	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010	28/10/2010
			SDG Ref	101028-114	101028-114	101028-114	101028-114	101028-114	101028-114
			Lab Sample No.(s)	2331456	2331459	2331467	2331472	2331460	2331462
			AGS Reference						
m,p-Xylene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
o-Xylene	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
Styrene	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromoform	<3 µg/l	TM208		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Isopropylbenzene	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,1,2,2-Tetrachloroethane	<5.2 µg/l	TM208		<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
1,2,3-Trichloropropane	<7.8 µg/l	TM208		<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #
Bromobenzene	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
Propylbenzene	<2.6 µg/l	TM208		<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
2-Chlorotoluene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,3,5-Trimethylbenzene	<1.8 µg/l	TM208		<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
4-Chlorotoluene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
tert-Butylbenzene	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
1,2,4-Trimethylbenzene	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
sec-Butylbenzene	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
4-iso-Propyltoluene	<2.6 µg/l	TM208		<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
1,3-Dichlorobenzene	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,4-Dichlorobenzene	<2.7 µg/l	TM208		<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
n-Butylbenzene	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
1,2-Dichlorobenzene	<3.7 µg/l	TM208		<3.7	<3.7	<3.7	<3.7	5.5	<3.7
1,2-Dibromo-3-chloropropane	<9.8 µg/l	TM208		<9.8	<9.8	<9.8	<9.8	<9.8	<9.8
1,2,4-Trichlorobenzene	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Hexachlorobutadiene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208		<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	<3.5 #	4.79 #	<3.5 #
1,2,3-Trichlorobenzene	<3.1 µg/l	TM208		<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #
1,3,5-Trichlorobenzene	<10 µg/l	TM208		<10	<10	<10	<10	<10	<10
VOC TIC	-	TM208		No TIC's identified	No TIC's identified	No TIC's identified	No TIC's identified	No TIC's identified	No TIC's identified

ALcontrol Laboratories Analytical Services

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	DUP A	DUP B	RSD
			Depth (m)			
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	28/10/2010	28/10/2010	27/10/2010
			Date Received	101028-114	101028-114	28/10/2010
			SDG Ref	2331476	2309204	101028-114
			Lab Sample No.(s)			2309248
			AGS Reference			
Alkalinity, Total as CaCO3	<2 mg/l	TM043		95 #	79 #	77.5 #
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099		0.916 #	<0.2 #	<0.2 #
Sulphide	<0.01 mg/l	TM101		0.795 #	<0.01 #	<0.01 #
Antimony (diss.filt)	<0.16 µg/l	TM152				0.849 #
Arsenic (diss.filt)	<0.12 µg/l	TM152		1.75 #	0.985 #	1.04 #
Boron (diss.filt)	<9.4 µg/l	TM152		56.7 #	35.9 #	37.9 #
Cadmium (diss.filt)	<0.1 µg/l	TM152		<0.1 #	<0.1 #	<0.1 #
Chromium (diss.filt)	<0.22 µg/l	TM152		2.44 #	2.19 #	2.16 #
Copper (diss.filt)	<0.85 µg/l	TM152		2.54 #	3.85 #	3.82 #
Lead (diss.filt)	<0.02 µg/l	TM152		0.118 #	0.63 #	0.792 #
Nickel (diss.filt)	<0.15 µg/l	TM152		7.61 #	2.9 #	3.03 #
Selenium (diss.filt)	<0.39 µg/l	TM152		<0.39 #	<0.39 #	0.446 #
Vanadium (diss.filt)	<0.24 µg/l	TM152				0.815 #
Zinc (diss.filt)	<0.41 µg/l	TM152		3.76 #	6.19 #	7.34 #
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172		66.8 #	78.9 #	115 #
EPH Band >C10-C20 (aq)	<10 µg/l	TM172		55.1	71.5	49.4
EPH Band >C20-C30 (aq)	<10 µg/l	TM172		11.7	<10	39.1
EPH Band >C30-C40 (aq)	<10 µg/l	TM172		<10	<10	26.6
Mercury (diss.filt)	<0.01 µg/l	TM183		0.0104 #	<0.01 #	<0.01 #
Sulphate	<3 mg/l	TM184		1410 #	28.2 #	27.7 #
Cyanide, Total	<0.05 mg/l	TM227		<0.05 #	<0.05 #	<0.05 #
Hardness, Total as CaCO3	<1 mg/l	TM228				105
pH	<1 pH Units	TM256		8.17 #	8.14 #	8.14 #
Resorcinol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5
Catechol (low level)	<0.5 µg/l	TM259		<0.5	0.96	0.87
Phenol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5
Cresols (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5
Xylenols (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5
1-Napthol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5
2,3,5-Trimethylphenol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5
2-Isopropylphenol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5
Phenols, Total monohydric (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5
Phenols, Total 5 speciated (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5

ALcontrol Laboratories Analytical Services

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

GRO by GC-FID (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	DUP A	DUP B	RSD
			Depth (m)			
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled			27/10/2010
			Date Received	28/10/2010	28/10/2010	28/10/2010
			SDG Ref	101028-114	101028-114	101028-114
			Lab Sample No.(s)	2331476	2309204	2309248
			AGS Reference			
GRO Surrogate % recovery**	%	TM245		114	103	99
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245		<3 #	<3 #	<3 #
Benzene	<7 µg/l	TM245		<7 #	<7 #	<7 #
Toluene	<4 µg/l	TM245		<4 #	<4 #	<4 #
Ethylbenzene	<5 µg/l	TM245		<5 #	<5 #	<5 #
m,p-Xylene	<8 µg/l	TM245		<8 #	<8 #	<8 #
o-Xylene	<3 µg/l	TM245		<3 #	<3 #	<3 #
GRO >C10-C12	<10 µg/l	TM245		<10	<10	<10
GRO >C5-C10	<10 µg/l	TM245		<10	<10	<10
m,p,o-Xylene	<10 µg/l	TM245		<10	<10	<10
BTEX, Total	<10 µg/l	TM245		<10	<10	<10
GRO >C5-C12	<50 µg/l	TM245		<50 #	<50 #	<50 #

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

PAH Spec MS - Aqueous (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	DUP A	DUP B	RSD
			Depth (m)			
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled			27/10/2010
			Date Received	28/10/2010	28/10/2010	28/10/2010
			SDG Ref	101028-114	101028-114	101028-114
			Lab Sample No.(s)	2331476	2309204	2309248
			AGS Reference			
Naphthalene (aq)	<0.1 µg/l	TM178		<0.1 #	<0.1 #	<0.1 #
Acenaphthene (aq)	<0.015 µg/l	TM178		0.309 #	<0.015 #	<0.015 #
Acenaphthylene (aq)	<0.011 µg/l	TM178		<0.011 #	<0.011 #	<0.011 #
Fluoranthene (aq)	<0.014 µg/l	TM178		<0.014 #	0.0565 #	0.0555 #
Anthracene (aq)	<0.015 µg/l	TM178		<0.015 #	<0.015 #	<0.015 #
Phenanthrene (aq)	<0.022 µg/l	TM178		<0.022 #	<0.022 #	<0.022 #
Fluorene (aq)	<0.014 µg/l	TM178		0.052 #	<0.014 #	<0.014 #
Chrysene (aq)	<0.013 µg/l	TM178		<0.013 #	0.0238 #	0.0141 #
Pyrene (aq)	<0.015 µg/l	TM178		<0.015 #	0.0592 #	0.0597 #
Benzo(a)anthracene (aq)	<0.017 µg/l	TM178		<0.017 #	0.0378 #	0.0329 #
Benzo(b)fluoranthene (aq)	<0.023 µg/l	TM178		<0.023 #	0.0331 #	0.0398 #
Benzo(k)fluoranthene (aq)	<0.027 µg/l	TM178		<0.027 #	0.0351 #	0.0356 #
Benzo(a)pyrene (aq)	<0.009 µg/l	TM178		<0.009 #	0.0414 #	0.0396 #
Dibenzo(a,h)anthracene (aq)	<0.016 µg/l	TM178		<0.016 #	<0.016 #	<0.016 #
Benzo(g,h,i)perylene (aq)	<0.016 µg/l	TM178		<0.016 #	0.0353 #	0.0333 #
Indeno(1,2,3-cd)pyrene (aq)	<0.014 µg/l	TM178		<0.014 #	0.0268 #	0.0251 #
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	<0.1 µg/l	TM178		0.361 #	0.319 #	0.308 #

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	RSD
			Depth (m)	
			Sample Type	Water(GW/SW)
			Date Sampled	27/10/2010
			Date Received	28/10/2010
			SDG Ref	101028-114
			Lab Sample No.(s)	2309248
			AGS Reference	
1,2,4-Trichlorobenzene (aq)	<1 µg/l	TM176	<1	
1,2-Dichlorobenzene (aq)	<1 µg/l	TM176	<1	
1,3-Dichlorobenzene (aq)	<1 µg/l	TM176	<1	
1,4-Dichlorobenzene (aq)	<1 µg/l	TM176	<1	
2,4,5-Trichlorophenol (aq)	<1 µg/l	TM176	<1	
2,4,6-Trichlorophenol (aq)	<1 µg/l	TM176	<1	
2,4-Dichlorophenol (aq)	<1 µg/l	TM176	<1	
2,4-Dimethylphenol (aq)	<1 µg/l	TM176	<1	
2,4-Dinitrotoluene (aq)	<1 µg/l	TM176	<1	
2,6-Dinitrotoluene (aq)	<1 µg/l	TM176	<1	
2-Chloronaphthalene (aq)	<1 µg/l	TM176	<1	
2-Chlorophenol (aq)	<1 µg/l	TM176	<1	
2-Methylnaphthalene (aq)	<1 µg/l	TM176	<1	
2-Methylphenol (aq)	<1 µg/l	TM176	<1	
2-Nitroaniline (aq)	<1 µg/l	TM176	<1	
2-Nitrophenol (aq)	<1 µg/l	TM176	<1	
3-Nitroaniline (aq)	<1 µg/l	TM176	<1	
4-Bromophenylphenylether (aq)	<1 µg/l	TM176	<1	
4-Chloro-3-methylphenol (aq)	<1 µg/l	TM176	<1	
4-Chloroaniline (aq)	<1 µg/l	TM176	<1	
4-Chlorophenylphenylether (aq)	<1 µg/l	TM176	<1	
4-Methylphenol (aq)	<1 µg/l	TM176	<1	
4-Nitrophenol (aq)	<1 µg/l	TM176	<1	
4-Nitroaniline (aq)	<1 µg/l	TM176	<1	
Azobenzene (aq)	<1 µg/l	TM176	<1	
bis(2-Chloroethyl)ether (aq)	<1 µg/l	TM176	<1	
bis(2-Chloroethoxy)methane (aq)	<1 µg/l	TM176	<1	
bis(2-Ethylhexyl) phthalate (aq)	<2 µg/l	TM176	<2	
Butylbenzyl phthalate (aq)	<1 µg/l	TM176	<1	
Benzo(k)fluoranthene (aq)	<1 µg/l	TM176	<1	
Carbazole (aq)	<1 µg/l	TM176	<1	
Dibenzofuran (aq)	<1 µg/l	TM176	<1	
n-Dibutyl phthalate (aq)	<1 µg/l	TM176	<1	
Diethyl phthalate (aq)	<1 µg/l	TM176	<1	
Dimethyl phthalate (aq)	<1 µg/l	TM176	<1	
n-Dioctyl phthalate (aq)	<5 µg/l	TM176	<5	
Hexachlorobenzene (aq)	<1 µg/l	TM176	<1	
Hexachlorobutadiene (aq)	<1 µg/l	TM176	<1	
Pentachlorophenol (aq)	<1 µg/l	TM176	<1	

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.	RSD
Depth (m)	
Sample Type	Water(GW/SW)
Date Sampled	27/10/2010
Date Received	28/10/2010
SDG Ref	101028-114
Lab Sample No.(s)	2309248
AGS Reference	

Component	LOD/Units	Method	
Phenol (aq)	<1 µg/l	TM176	<1
n-Nitroso-n-dipropylamine (aq)	<1 µg/l	TM176	<1
Hexachloroethane (aq)	<1 µg/l	TM176	<1
Nitrobenzene (aq)	<1 µg/l	TM176	<1
Isophorone (aq)	<1 µg/l	TM176	<1
Hexachlorocyclopentadiene (aq)	<1 µg/l	TM176	<1
Indeno(1,2,3-cd)pyrene (aq)	<1 µg/l	TM176	<1
SVOC TIC (aq)	-	TM176	No TIC's identified

ALcontrol Laboratories Analytical Services

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

TPH CWG (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.	RSD
Depth (m)	
Sample Type	Water(GW/SW)
Date Sampled	27/10/2010
Date Received	28/10/2010
SDG Ref	101028-114
Lab Sample No.(s)	2309248
AGS Reference	

Component	LOD/Units	Method	
Total Aliphatics >C5-C35 (aq)	<10 µg/l	TM174	<10
Total Aromatics >C6-C35 (aq)	<10 µg/l	TM174	<10
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174	<10
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174	<10
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174	<10
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174	<10
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174	<10
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174	<10
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174	<10
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174	<10
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174	<10
Total Aliphatics & Aromatics >C12-C35 (Aqueous)	<10 µg/l	TM174	<10
Aliphatics >C5-C6	<10 µg/l	TM245	<10
Aliphatics >C6-C8	<10 µg/l	TM245	<10
Aliphatics >C8-C10	<10 µg/l	TM245	<10
Aliphatics >C10-C12	<10 µg/l	TM245	<10
Total Aliphatics >C5-C12	<10 µg/l	TM245	<10
Aromatics >EC5-EC7	<10 µg/l	TM245	<10
Aromatics >EC7-EC8	<10 µg/l	TM245	<10
Aromatics >EC8-EC10	<10 µg/l	TM245	<10
Aromatics >EC10-EC12	<10 µg/l	TM245	<10
Total Aromatics >EC5-EC12	<10 µg/l	TM245	<10

SDG: 101028-114
Job: H_WYG_MAN-35
Client Reference:
Location:

Customer: WYG Geo-Environment
Attention: Labdata Manchester
Order No.:
Report No: 103408

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.	RSD
Depth (m)	
Sample Type	Water(GW/SW)
Date Sampled	27/10/2010
Date Received	28/10/2010
SDG Ref	101028-114
Lab Sample No.(s)	2309248
AGS Reference	

Component	LOD/Units	Method	
Dibromofluoromethane**	%	TM208	109
Toluene-d8**	%	TM208	98.3
4-Bromofluorobenzene**	%	TM208	99.4
Dichlorodifluoromethane	<7 µg/l	TM208	<7 #
Chloromethane	<9 µg/l	TM208	<9 #
Vinyl chloride	<1.2 µg/l	TM208	<1.2 #
Bromomethane	<2 µg/l	TM208	<2 #
Chloroethane	<2.5 µg/l	TM208	<2.5 #
Trichlorofluoromethane	<1.3 µg/l	TM208	<1.3 #
1,1-Dichloroethene	<1.2 µg/l	TM208	<1.2 #
Carbon disulphide	<1.3 µg/l	TM208	<1.3 #
Dichloromethane	<3.7 µg/l	TM208	<3.7 #
Methyl tertiary butyl ether (MTBE)	<1.6 µg/l	TM208	<1.6 #
trans-1,2-Dichloroethene	<1.9 µg/l	TM208	<1.9 #
1,1-Dichloroethane	<1.2 µg/l	TM208	<1.2 #
cis-1,2-Dichloroethene	<2.3 µg/l	TM208	<2.3 #
2,2-Dichloropropane	<3.8 µg/l	TM208	<3.8 #
Bromochloromethane	<1.9 µg/l	TM208	<1.9 #
Chloroform	<1.8 µg/l	TM208	<1.8 #
1,1,1-Trichloroethane	<1.3 µg/l	TM208	<1.3 #
1,1-Dichloropropene	<1.3 µg/l	TM208	<1.3 #
Carbontetrachloride	<1.4 µg/l	TM208	<1.4 #
1,2-Dichloroethane	<3.3 µg/l	TM208	<3.3
Benzene	<1.3 µg/l	TM208	<1.3 #
Trichloroethene	<2.5 µg/l	TM208	<2.5 #
1,2-Dichloropropane	<3 µg/l	TM208	<3 #
Dibromomethane	<2.7 µg/l	TM208	<2.7 #
Bromodichloromethane	<0.9 µg/l	TM208	<0.9 #
cis-1,3-Dichloropropene	<1.9 µg/l	TM208	<1.9 #
Toluene	<1.4 µg/l	TM208	<1.4 #
trans-1,3-Dichloropropene	<3.5 µg/l	TM208	<3.5 #
1,1,2-Trichloroethane	<2.2 µg/l	TM208	<2.2 #
1,3-Dichloropropane	<2.2 µg/l	TM208	<2.2 #
Tetrachloroethene	<1.5 µg/l	TM208	<1.5 #
Dibromochloromethane	<1.7 µg/l	TM208	<1.7 #
1,2-Dibromoethane	<2.3 µg/l	TM208	<2.3 #
Chlorobenzene	<3.5 µg/l	TM208	<3.5 #
1,1,1,2-Tetrachloroethane	<1.3 µg/l	TM208	<1.3 #
Ethylbenzene	<2.5 µg/l	TM208	<2.5 #

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VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.	RSD
Depth (m)	
Sample Type	Water(GW/SW)
Date Sampled	27/10/2010
Date Received	28/10/2010
SDG Ref	101028-114
Lab Sample No.(s)	2309248
AGS Reference	

Component	LOD/Units	Method	
m,p-Xylene	<2.5 µg/l	TM208	<2.5 #
o-Xylene	<1.7 µg/l	TM208	<1.7 #
Styrene	<1.2 µg/l	TM208	<1.2 #
Bromoform	<3 µg/l	TM208	<3 #
Isopropylbenzene	<1.4 µg/l	TM208	<1.4 #
1,1,2,2-Tetrachloroethane	<5.2 µg/l	TM208	<5.2
1,2,3-Trichloropropane	<7.8 µg/l	TM208	<7.8 #
Bromobenzene	<2 µg/l	TM208	<2 #
Propylbenzene	<2.6 µg/l	TM208	<2.6 #
2-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #
1,3,5-Trimethylbenzene	<1.8 µg/l	TM208	<1.8 #
4-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #
tert-Butylbenzene	<2 µg/l	TM208	<2 #
1,2,4-Trimethylbenzene	<1.7 µg/l	TM208	<1.7 #
sec-Butylbenzene	<1.7 µg/l	TM208	<1.7 #
4-iso-Propyltoluene	<2.6 µg/l	TM208	<2.6 #
1,3-Dichlorobenzene	<2.2 µg/l	TM208	<2.2 #
1,4-Dichlorobenzene	<2.7 µg/l	TM208	<2.7 #
n-Butylbenzene	<2 µg/l	TM208	<2 #
1,2-Dichlorobenzene	<3.7 µg/l	TM208	<3.7
1,2-Dibromo-3-chloropropane	<9.8 µg/l	TM208	<9.8
1,2,4-Trichlorobenzene	<2.3 µg/l	TM208	<2.3 #
Hexachlorobutadiene	<2.5 µg/l	TM208	<2.5 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #
Naphthalene	<3.5 µg/l	TM208	<3.5 #
1,2,3-Trichlorobenzene	<3.1 µg/l	TM208	<3.1 #
1,3,5-Trichlorobenzene	<10 µg/l	TM208	<10
VOC TIC	-	TM208	No TIC's identified

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ASSOCIATED AQC DATA

Alkalinity as CaCO3

Component	Method Code	QC 28	QC 24	QC 22
Total Alkalinity as CaCO3	TM043	**100.00** 95.50 : 104.50	**103.50** 96.25 : 104.59	**99.75** 96.25 : 104.59

Ammonium

Component	Method Code	QC 28	QC 25	QC 20	QC 28	QC 26
Ammoniacal Nitrogen as N	TM099	**103.36** 97.38 : 106.13	**100.08** 97.38 : 106.13	**97.70** 97.38 : 106.13	**103.06** 97.38 : 106.13	**103.52** 97.38 : 106.13

Anions by ion Chromatography

Component	Method Code	QC 21
Bromide (W)	TM226	**102.13** 87.20 : 117.98
Chloride (W)	TM226	**101.64** 87.93 : 118.97
Fluoride (W)	TM226	**100.63** 85.99 : 116.34
Nitrate (W)	TM226	**100.14** 85.72 : 115.98
Nitrite (W)	TM226	**104.63** 88.58 : 119.84
Phosphate (W)	TM226	**99.78** 86.12 : 116.51
Sulphate (W)	TM226	**100.89** 87.56 : 118.46

Anions by Kone (w)

Component	Method Code	QC 23	QC 29	QC 23	QC 21	QC 24	QC 24
Chloride	TM184	**97.80** 92.01 : 104.18	**98.70** 92.01 : 104.18	**94.90** 92.01 : 104.18	**98.10** 92.01 : 104.18	**96.20** 92.01 : 104.18	**96.20** 92.01 : 104.18
Nitrite as NO2	TM184		**104.00** 92.92 : 105.47	**99.60** 92.92 : 105.47	**98.30** 92.92 : 105.47	**97.00** 92.92 : 105.47	**98.70** 92.92 : 105.47
Phosphate (Ortho as PO4)	TM184	**100.32** 95.51 : 106.92	**101.44** 95.51 : 106.92			**102.16** 95.51 : 106.92	**102.28** 95.51 : 106.92
Sulphate (soluble)	TM184	**99.68** 95.09 : 105.03	**100.64** 95.09 : 105.03	**97.92** 95.09 : 105.03	**99.08** 95.09 : 105.03	**100.16** 95.09 : 105.03	**99.44** 95.09 : 105.03
TON as NO3	TM184		**98.43** 93.27 : 107.89	**102.18** 93.27 : 107.89	**102.66** 93.27 : 107.89	**94.72** 93.27 : 107.89	**103.94** 93.27 : 107.89

Cyanide Comp/Free/Total/Thiocyanate

Component	Method Code	QC 25	QC 25	QC 29
Free Cyanide (W)	TM227	**103.40** 87.13 : 117.88	**101.08** 87.13 : 117.88	**104.00** 87.13 : 117.88
Thiocyanate (W)	TM227	**102.68** 84.79 : 114.71	**102.55** 84.79 : 114.71	**102.50** 84.79 : 114.71

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		QC 25	QC 25	QC 29
Total Cyanide (W)	TM227	**101.05** 87.76 : 118.74	**100.90** 87.76 : 118.74	**106.75** 87.76 : 118.74

Dissolved Metals by ICP-MS

Component	Method Code	QC 27	QC 23	QC 29	QC 26	QC 23
Aluminium	TM152	**100.37** 85.00 : 115.00	**106.29** 85.00 : 115.00	**97.59** 85.00 : 115.00	**96.37** 85.00 : 115.00	**102.97** 85.00 : 115.00
Antimony	TM152	**88.53** 85.05 : 115.00	**100.35** 85.00 : 115.00	**95.15** 85.00 : 115.00	**97.60** 85.00 : 115.00	**105.51** 85.05 : 115.00
Arsenic	TM152	**98.36** 85.05 : 115.00	**103.15** 85.00 : 115.00	**103.04** 85.00 : 115.00	**102.53** 85.00 : 115.00	**104.88** 85.05 : 115.00
Barium	TM152	**99.81** 85.05 : 115.00	**107.43** 85.00 : 115.00	**103.32** 85.00 : 115.00	**105.95** 85.00 : 115.00	**105.63** 85.05 : 115.00
Beryllium	TM152	**94.79** 85.05 : 115.00	**107.49** 85.00 : 115.00	**82.99** 85.00 : 115.00	**79.49** 85.00 : 115.00	**103.92** 85.05 : 115.00
Bismuth	TM152	**97.40** 85.05 : 115.00	**105.01** 85.00 : 115.00	**102.16** 85.00 : 115.00	**104.32** 85.00 : 115.00	**102.81** 85.05 : 115.00
Boron	TM152	**96.11** 85.05 : 115.00	**110.08** 85.00 : 115.00	**97.32** 85.00 : 115.00	**102.13** 85.00 : 115.00	**104.21** 85.05 : 115.00
Cadmium	TM152	**98.08** 85.05 : 115.00	**105.47** 85.00 : 115.00	**101.81** 85.00 : 115.00	**102.21** 85.00 : 115.00	**105.40** 85.05 : 115.00
Chromium	TM152	**97.81** 85.05 : 115.00	**105.03** 85.00 : 115.00	**103.57** 85.00 : 115.00	**106.20** 85.00 : 115.00	**103.69** 85.05 : 115.00
Cobalt	TM152	**97.21** 85.05 : 115.00	**102.09** 85.00 : 115.00	**99.33** 85.00 : 115.00	**113.60** 85.00 : 115.00	**105.08** 85.05 : 115.00
Copper	TM152	**97.59** 85.05 : 115.00	**102.75** 85.00 : 115.00	**107.20** 85.00 : 115.00	**106.92** 85.00 : 115.00	**105.36** 85.05 : 115.00
Lead	TM152	**98.92** 85.05 : 115.00	**108.12** 85.00 : 115.00	**103.12** 85.00 : 115.00	**107.31** 85.00 : 115.00	**104.17** 85.05 : 115.00
Lithium	TM152	**93.92** 85.05 : 115.00	**114.01** 85.00 : 115.00	**77.51** 85.00 : 115.00	**72.43** 85.00 : 115.00	**104.71** 85.05 : 115.00
Manganese	TM152	**98.64** 85.05 : 115.00	**104.44** 85.00 : 115.00	**100.68** 85.00 : 115.00	**101.71** 85.00 : 115.00	**103.49** 85.05 : 115.00
Molybdenum	TM152	**93.27** 85.05 : 115.00	**99.64** 85.00 : 115.00	**101.43** 85.00 : 115.00	**100.81** 85.00 : 115.00	**90.28** 85.05 : 115.00
Nickel	TM152	**96.85** 85.05 : 115.00	**103.05** 85.00 : 115.00	**109.84** 85.00 : 115.00	**107.68** 85.00 : 115.00	**103.97** 85.05 : 115.00
Niobium	TM152	**78.27** 85.05 : 115.00	**81.84** 85.00 : 115.00	**83.00** 85.00 : 115.00	**81.75** 85.00 : 115.00	
Phosphorus	TM152	**99.04** 85.00 : 115.00	**101.04** 85.00 : 115.00	**100.27** 85.00 : 115.00	**95.95** 85.00 : 115.00	**106.60** 85.00 : 115.00
Selenium	TM152	**100.28** 85.00 : 115.00	**103.72** 85.00 : 115.00	**101.73** 85.00 : 115.00	**101.60** 85.00 : 115.00	**105.47** 85.00 : 115.00
Silver	TM152	**93.71** 85.00 : 115.00	**101.32** 85.00 : 115.00	**95.63** 85.00 : 115.00	**102.67** 85.00 : 115.00	**103.63** 85.00 : 115.00
Strontium	TM152	**99.61** 85.05 : 115.00	**104.11** 85.00 : 115.00	**100.29** 85.00 : 115.00	**101.59** 85.00 : 115.00	**105.88** 85.05 : 115.00
Tellurium	TM152	**99.95** 85.05 : 115.00	**105.60** 85.00 : 115.00	**101.89** 85.00 : 115.00	**102.36** 85.00 : 115.00	**106.60** 85.05 : 115.00
Thallium	TM152	**99.07** 85.05 : 115.00	**105.53** 85.00 : 115.00	**100.41** 85.00 : 115.00	**109.32** 85.00 : 115.00	**103.92** 85.05 : 115.00
Tin	TM152	**97.65** 85.05 : 115.00	**100.71** 85.00 : 115.00	**97.44** 85.00 : 115.00	**101.13** 85.00 : 115.00	**106.65** 85.05 : 115.00
Titanium	TM152	**97.04** 85.05 : 115.00	**104.04** 85.00 : 115.00	**102.57** 85.00 : 115.00	**101.55** 85.00 : 115.00	**103.27** 85.05 : 115.00

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		QC 27	QC 23	QC 29	QC 26	QC 23
Tungsten	TM152	**89.88** 85.05 : 115.00	**101.64** 85.00 : 115.00	**94.92** 85.00 : 115.00	**97.28** 85.00 : 115.00	
Uranium	TM152	**97.65** 85.05 : 115.00	**103.61** 85.00 : 115.00	**100.92** 85.00 : 115.00	**102.33** 85.00 : 115.00	**104.05** 85.05 : 115.00
Vanadium	TM152	**98.27** 85.05 : 115.00	**100.73** 85.00 : 115.00	**102.41** 85.00 : 115.00	**104.25** 85.00 : 115.00	**103.13** 85.05 : 115.00
Zinc	TM152	**97.61** 85.00 : 115.00	**104.27** 85.00 : 115.00	**100.31** 85.00 : 115.00	**100.51** 85.00 : 115.00	**106.44** 85.00 : 115.00
Zirconium	TM152	**97.60** 85.05 : 115.00	**102.29** 85.00 : 115.00	**101.08** 85.00 : 115.00	**100.80** 85.00 : 115.00	

EPH (DRO) (C10-C40) Aqueous (W)

Component	Method Code	QC 22	QC 29	QC 23	QC 23
EPH (DRO) (C10-C40)	TM172	**95.05** 38.50 : 139.00	**89.94** 66.32 : 108.71	**90.49** 50.00 : 125.50	**100.38** 38.00 : 127.50

EPH CWG (Aliphatic) Aqueous GC (W)

Component	Method Code	QC 25	QC 23	QC 28	QC 26
Total Aliphatics >C12-C35	TM174	**85.90** 69.51 : 106.01	**85.14** 70.81 : 104.42	**85.39** 69.51 : 106.01	**84.76** 69.51 : 106.01

EPH CWG (Aromatic) Aqueous GC (W)

Component	Method Code	QC 29	QC 21	QC 29	QC 24
Total Aromatics >EC12-EC35	TM174	**84.46** 65.33 : 132.00	**106.80** 70.88 : 113.79	**86.33** 65.33 : 132.00	**97.93** 69.59 : 117.46

Mercury Dissolved

Component	Method Code	QC 23	QC 20	QC 28
Mercury Dissolved (CVAF)	TM183	**100.00** 85.87 : 123.88	**98.80** 79.41 : 116.68	**90.70** 79.41 : 116.68

Metals by iCap-OES Dissolved (W)

Component	Method Code	QC 23
Calcium	TM228	**96.64** 81.78 : 115.59
Iron	TM228	**89.48** 81.04 : 106.35
Magnesium	TM228	**95.71** 81.62 : 113.40
Potassium	TM228	**98.91** 81.27 : 112.71
Sodium	TM228	**101.70** 81.34 : 114.58

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PAH Spec MS - Aqueous (W)

Component	Method Code	QC 27	QC 29	QC 22	QC 27
Acenaphthene by GCMS	TM178	**89.04** 85.48 : 106.23	**89.12** 85.48 : 106.23	**92.46** 86.10 : 106.51	**90.34** 85.48 : 106.23
Acenaphthylene by GCMS	TM178	**87.86** 80.12 : 106.77	**87.60** 80.12 : 106.77	**92.76** 82.16 : 104.82	**94.81** 80.12 : 106.77
Anthracene by GCMS	TM178	**90.52** 77.85 : 105.75	**87.31** 77.85 : 105.75	**91.35** 77.85 : 105.75	**95.23** 77.85 : 105.75
Benz(a)anthracene by GCMS	TM178	**91.27** 81.60 : 110.25	**83.40** 81.60 : 110.25	**90.37** 81.60 : 110.25	**91.13** 78.50 : 107.21
Benzo(a)pyrene by GCMS	TM178	**101.90** 84.65 : 108.65	**91.08** 84.65 : 108.65	**103.14** 84.65 : 108.65	**95.12** 83.70 : 117.01
Benzo(b)fluoranthene by GCMS	TM178	**106.49** 87.25 : 114.25	**95.40** 87.25 : 114.25	**102.96** 87.25 : 114.25	**91.99** 87.25 : 114.25
Benzo(ghi)perylene by GCMS	TM178	**88.60** 82.05 : 112.05	**87.46** 82.05 : 112.05	**95.84** 82.05 : 112.05	**90.49** 82.05 : 112.05
Benzo(k)fluoranthene by GCMS	TM178	**102.02** 87.20 : 122.40	**94.77** 87.20 : 122.40	**108.86** 87.20 : 122.40	**93.70** 87.20 : 122.40
Chrysene by GCMS	TM178	**94.46** 85.32 : 108.58	**89.40** 85.32 : 108.58	**97.94** 88.05 : 113.30	**91.94** 85.32 : 108.58
Dibenzo(ah)anthracene by GCMS	TM178	**81.61** 72.40 : 118.55	**81.23** 72.40 : 118.55	**86.84** 72.40 : 118.55	**87.08** 72.40 : 118.55
Fluoranthene by GCMS	TM178	**92.48** 87.00 : 105.75	**90.55** 87.00 : 105.75	**91.87** 87.00 : 105.75	**97.06** 87.00 : 105.75
Fluorene by GCMS	TM178	**90.05** 85.34 : 108.30	**89.43** 85.34 : 108.30	**92.76** 84.43 : 110.69	**91.81** 83.15 : 107.63
Indeno(123cd)pyrene by GCMS	TM178	**94.50** 82.25 : 114.75	**89.89** 82.25 : 114.75	**97.53** 82.25 : 114.75	**94.51** 82.25 : 114.75
Naphthalene by GCMS	TM178	**90.54** 84.07 : 108.07	**89.07** 84.07 : 108.07	**92.87** 84.07 : 108.07	**89.05** 84.63 : 104.92
Phenanthrene by GCMS	TM178	**92.69** 86.86 : 107.20	**93.03** 86.86 : 107.20	**94.36** 86.79 : 108.29	**92.92** 86.86 : 107.20
Pyrene by GCMS	TM178	**92.51** 84.55 : 108.55	**90.23** 84.55 : 108.55	**92.27** 84.55 : 108.55	**96.27** 84.55 : 108.55
Volume	TM178	**15000.00**	**15000.00**	**15000.00**	**15000.00**

pH Value

Component	Method Code	QC 20	QC 21	QC 26	QC 28	QC 20	QC 21
pH	TM256	**99.57** 90.96 : 108.19	**99.71** 98.71 : 100.43	**99.71** 90.96 : 108.19	**99.57** 98.71 : 100.43	**99.86** 90.96 : 108.19	**99.71** 90.96 : 108.19

Phenols by HPLC (W)

Component	Method Code	QC 22
2.3.5 Trimethyl-Phenol by HPLC (W)	TM259	**100.00** 92.49 : 111.19
2-Isopropyl Phenol by HPLC (W)	TM259	**103.00** 93.11 : 114.56
Cresols by HPLC (W)	TM259	**99.00** 90.76 : 106.89
Napthol by HPLC (W)	TM259	**90.00** 66.57 : 117.43

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		QC 22
Phenol by HPLC (W)	TM259	**103.00** 90.28 : 112.28
Xylenols by HPLC (W)	TM259	**95.33** 86.84 : 107.25

Sulphide

Component	Method Code	QC 28	QC 25
Sulphide	TM101	**101.73** 77.08 : 135.77	**104.40** 77.08 : 135.77

SVOC MS (W) - Aqueous

Component	Method Code	QC 29	QC 29	QC 26
4-Bromophenylphenyleth er	TM176	**76.49** 74.07 : 108.33	**83.59** 63.75 : 111.39	**89.22** 63.75 : 111.39
Benzo(a)anthracene	TM176	**81.68** 64.51 : 105.49	**83.00** 67.45 : 110.71	**103.09** 67.45 : 110.71
Benzo(a)pyrene	TM176	**71.20** 53.03 : 98.81	**74.45** 58.84 : 109.06	**85.57** 58.84 : 109.06
Butylbenzyl phthalate	TM176	**78.78** 63.86 : 115.28	**74.42** 61.43 : 106.97	**98.18** 61.43 : 106.97
Hexachlorobutadiene	TM176	**54.83** 45.86 : 100.88	**66.10** 35.86 : 102.22	**59.70** 35.86 : 102.22
Naphthalene	TM176	**75.43** 75.05 : 106.07	**82.48** 63.65 : 115.55	**89.53** 63.65 : 115.55
Nitrobenzene	TM176	**83.60** 69.60 : 106.80	**77.73** 67.11 : 110.31	**94.06** 67.11 : 110.31
Phenol	TM176	**52.32** 45.42 : 71.52	**47.84** 35.77 : 80.71	**60.28** 35.77 : 80.71

The above information details the reference name of the analytical quality control sample (AQC) that has been run with the samples contained in this report for the different methods of analysis.
The figure detailed is the percentage recovery result for the AQC.
The subscript numbers below are the percentage recovery lower control limit (LCL) and the upper control limit (UCL). The percentage recovery result for the AQC should be between these limits to be statistically in control.

Table of Results - Appendix

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REPORT KEY

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10-7

NDP	No Determination Possible	#	ISO 17025 Accredited	*	Subcontracted Test	M	MCERTS Accredited
NFD	No Fibres Detected	PFD	Possible Fibres Detected	»	Result previously reported (Incremental reports only)	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control

Method No	Reference	Description	Wet/Dry Sample [1]	Surrogate Corrected
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples		
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)		
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser		
TM101	Method 4500B & C, AWWA/APHA, 20th Ed., 1999	Determination of Sulphide in soil and water samples using the Kone Analyser		
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS		
TM172	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	EPH in Waters		
TM174	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	Determination of Speciated Extractable Petroleum Hydrocarbons in Waters by GC-FID		
TM176	EPA 8270D Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of SVOCs in Water by GCMS		
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters		
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry		
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers		
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters		
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography		
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate		
TM228	US EPA Method 6010B	Determination of Major Cations in Water by iCap 6500 Duo ICP-OES		
TM245	By GC-FID	Determination of GRO by Headspace in waters		
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4.	Determination of pH in Water and Leachate using the GLpH pH Meter		
TM259		Determination of Phenols in Waters and Leachates by HPLC		

[1] Applies to Solid samples only. DRY indicates samples have been dried at 35°C. NA = not applicable.

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101028-114
Customer - H_WYG_MAN
Sample Identity - 2315438 /BH209[]
Sample Type [Units] - Water - µg/l
Date Acquired - 01/11/10
Date Reported - 02/11/10
Analyst - A.Steepe

Tentative Compound Identification	Retention Time min	Concentration µg/l
Benzenamine	4.26	1305

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101028-114
Customer - H_WYG_MAN
Sample Identity - 2315384 /BH413[]
Sample Type [Units] - Water - µg/l
Date Acquired - 01/11/10
Date Reported - 02/11/10
Analyst - A.Steepe

Tentative Compound Identification	Retention Time min	Concentration µg/l
Benzenamine, methyl	5.06	82
Benzenamine, chloro	5.52	11
Benzenamine, dimethyl	5.85	18
Benzenamine, chloro-methyl	6.22	14
Cyclohexadiene,dione, methoxy-methyl	7.00	20
TETRAMETHYL-DICYNE,DIOL	7.42	45
Naphthalenedione	7.51	20
Naphthalenedione, hydroxy	8.26	15
Naphthalenol, nitroso	8.86	23

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

APPENDIX

APPENDIX

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA Leach tests, flash point, ammonium as NH_4 by the BRE method, VOC TICS, SVOC TICS, TOF-MS SCAN/SEARCH and TOF-MS TICS.
2. Samples will be run in duplicate upon request, but an additional charge may be incurred.
3. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for both soil jars, tubs and volatile jars. All waters and vials will be discarded 10 days after the analysis is completed (e-mailed). All material removed during an asbestos containing material screen and analysed for the presence of asbestos will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALcontrol Laboratories reserve the right to charge for samples received and stored but not analysed.
4. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.
5. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.
6. When requested, the individual sub sample scheduled will be screened in house for the presence of large asbestos containing material fragments/pieces. If no asbestos containing material is found this will be reported as 'no asbestos containing material detected'. If asbestos containing material is detected it will be removed and analysed by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If asbestos containing material is present no further analysis will be undertaken. At no point is the fibre content of the soil sample determined.
7. If no separate volatile sample is supplied by the client, the integrity of the data may be compromised if the laboratory is required to create a sub-sample from the bulk sample – similarly, if a headspace or sediment is present in the volatile sample. This will be flagged up as an invalid VOC on the test schedule or recorded on the log sheet.
8. If appropriate preserved bottles are not received preservation will take place on receipt. However, the integrity of the data may be compromised.
9. NDP – No determination possible due to insufficient/unsuitable sample.
10. Metals in water are performed on a filtered sample, and therefore represent dissolved metals – total metals must be requested separately.
11. A table containing the date of analysis for each parameter is not routinely included with the report, but is available upon request.
12. Results relate only to the items tested
13. **Surrogate recoveries** – Most of our organic methods include surrogates, the recovery of which is monitored and reported. For EPH, MO, PAH, GRO and VOCs on soils the result is not surrogate corrected, but a percentage recovery is quoted. Acceptable limits for most organic methods are 70 – 130 %.
14. **Product analyses** – Organic analyses on products can only be semi-quantitative due to the matrix effects and high dilution factors employed.
15. Phenols monohydric by HPLC include phenol, cresols (2-Methylphenol, 3-Methylphenol and 4-Methylphenol) and Xylenols (2,3 Dimethylphenol, 2,4 Dimethylphenol, 2,5 Dimethylphenol, 2,6 Dimethylphenol, 3,4 Dimethyphenol, 3,5 Dimethylphenol).
16. Total of 5 speciated phenols by HPLC includes Phenol, 2,3,5-Trimethyl Phenol, 2-Isopropylphenol, Cresols and Xylenols (as detailed in 14).
17. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.
18. Our MCERTS accreditation for PAHs by GCMS applies to all product types apart from Kerosene, where naphthalene only is not accredited.
19. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.
19. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.
20. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.
21. For all leachate preparations (NRA, DIN, TCLP, BSEN 12457-1, 2, 3) volatile loss may occur, as we do not employ zero headspace extraction.
22. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials – whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
23. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C4 – C10 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

LIQUID MATRICES EXTRACTION SUMMARY

ANALYSIS	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
PAH MS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
EPH	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
EPH CWG	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
MINERAL OIL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
PCB 7 CONGENERS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
PCB TOTAL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GS MS
SVOC	DCM	LIQUID/LIQUID SHAKE	GC MS
FREE SULPHUR	DCM	SOLID PHASE EXTRACTION	HPLC
PEST OCP/OPP	DCM	LIQUID/LIQUID SHAKE	GC MS
TRIAZINE HERBS	DCM	LIQUID/LIQUID SHAKE	GC MS
PHENOLS MS	DCM	SOLID PHASE EXTRACTION	GC MS
TPH by INFRA RED (IR)	TCE	LIQUID/LIQUID EXTRACTION	HPLC
MINERAL OIL by IR	TCE	LIQUID/LIQUID EXTRACTION	HPLC
GLYCOLS	NONE	DIRECT INJECTION	GC FID

SOLID MATRICES EXTRACTION SUMMARY

ANALYSIS	D/C OR WET	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
Solvent Extractable Matter	D&C	DCM	SOXTHERM	GRAVIMETRIC
Cyclohexane Ext. Matter	D&C	CYCLOHEXANE	SOXTHERM	GRAVIMETRIC
Thin Layer Chromatography	D&C	DCM	SOXTHERM	IATROSCAN
Elemental Sulphur	D&C	DCM	SOXTHERM	HPLC
Phenols by GCMS	WET	DCM	SOXTHERM	GC-MS
Herbicides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
Pesticides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
EPH (DRO)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Min oil)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Cleaned up)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH CWG by GC	D&C	HEXANE:ACETONE	END OVER END	GC-FID
PCB tot / PCB con	D&C	HEXANE:ACETONE	END OVER END	GC-MS
Polyaromatic Hydrocarbons (MS)	WET	HEXANE:ACETONE	Microwave TM218.	GC-MS
C8-C40 (C6-C40)EZ Flash	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Polyaromatic Hydrocarbons Rapid GC	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Semi Volatile Organic Compounds	WET	DCM:ACETONE	SONICATE	GC-MS

Identification of Asbestos in Bulk Materials

The results for asbestos identification for soil samples are obtained from possible Asbestos Containing Material, removed during the 'Screening of soils for Asbestos Containing Materials', which have been examined to determine the presence of asbestos fibres using Alcontrol Laboratories (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Visual Estimation Of Fibre Content.

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: -

Trace – Where only one or two asbestos fibres were identified.

Further guidance on typical asbestos fibre content of manufactured products can be found in MDHS 100.

The identification of asbestos containing materials falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Validated

ALcontrol Laboratories Analytical Services

SDG:	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106573

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
2236507	BH3		0.00 - 0.00	
2528998	BH3		0.00 - 0.00	
2236399	BH401		0.00 - 0.00	
2236431	BH403		0.00 - 0.00	
2236337	BH410		0.00 - 0.00	
2236471	WS12		0.00 - 0.00	
2533358	WS401		0.00 - 0.00	

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

ALcontrol Laboratories Analytical Services

SDG:	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106573

LIQUID

Results Legend

X Test

N No Determination Possible

			2236507	2236471	2236399	2253358	2236431	2236337
Lab Sample No(s)								
Customer Sample Ref.			BH3	WS12	BH401	WS401	BH403	BH410
AGS Ref.								
Depth (m)			0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
Container			0.5l glass bottle / 1l plastic / H2SO4 / NaOH / Vial / ZnAc	1l green glass bottle / 1l plastic / H2SO4 / NaOH / Vial / ZnAc	1l green glass bottle / 1l plastic / H2SO4 / NaOH / Vial / ZnAc	1l green glass bottle / 1l plastic / H2SO4 / NaOH / Vial / ZnAc	1l green glass bottle / 1l plastic / H2SO4 / NaOH / Vial / ZnAc	1l green glass bottle / 1l plastic / H2SO4 / NaOH / Vial / ZnAc
Alkalinity as CaCO3	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
Ammonium	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
Anions by Kone (w)	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
EPH (DRO) (C10-C40) Aqueous (W)	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
EPH CWG (Aliphatic) Aqueous GC (W)	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
EPH CWG (Aromatic) Aqueous GC (W)	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
GRO by GC-FID (W)	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
Low Level Phenols by HPLC (W)	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
Mercury Dissolved	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
pH Value	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
Sulphide	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
SVOC MS (W) - Aqueous	All	NDPs: 0 Tests: 6	X	X	X	X	X	X
TPH CWG (W)	All	NDPs: 0 Tests: 6	X	X	X	X	X	X

Validated

ALcontrol Laboratories Analytical Services

SDG:	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106573

LIQUID

Results Legend

X Test

N No Determination Possible

			Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Container
			2236507	BH3		0.00 - 0.00	0.5l glass bottle
							1lplastic
							H2SO4
							NaOH
							Vial
							ZnAc
			2236471	WS12		0.00 - 0.00	1l green glass bottle
							1lplastic
							H2SO4
							NaOH
							Vial
							ZnAc
			2236399	BH401		0.00 - 0.00	1l green glass bottle
							1lplastic
							H2SO4
							NaOH
							Vial
							ZnAc
			2533358	WS401		0.00 - 0.00	1l green glass bottle
							1lplastic
							H2SO4
							NaOH
							Vial
							ZnAc
			2236431	BH403		0.00 - 0.00	1l green glass bottle
							1lplastic
							H2SO4
							NaOH
							Vial
							ZnAc
			2236337	BH410		0.00 - 0.00	1l green glass bottle
							1lplastic
							H2SO4
							NaOH
							Vial
							ZnAc
VOC MS (W)	All	NDPs: 0 Tests: 6					
							X
							X
							X
							X
							X
							X

Validated

ALcontrol Laboratories Analytical Services

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

Lab Sample No(s)	2236507	2236399	2236431	2236337	2236471	2533358
Customer Sample Ref.	BH3	BH401	BH403	BH410	WS12	WS401
AGS Ref.						
Depth	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
Type	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Alkalinity as CaCO3	20/10/2010	19/10/2010	20/10/2010	20/10/2010	20/10/2010	20/10/2010
Ammonium	19/10/2010	18/10/2010	18/10/2010	19/10/2010	18/10/2010	19/10/2010
Anions by Kone (w)	19/10/2010	19/10/2010	19/10/2010	18/10/2010	18/10/2010	18/10/2010
Cyanide Comp/Free/Total/Thiocyanate	18/10/2010	18/10/2010	18/10/2010	18/10/2010	18/10/2010	18/10/2010
Dissolved Metals by ICP-MS	20/10/2010	19/10/2010	19/10/2010	20/10/2010	20/10/2010	20/10/2010
EPH (DRO) (C10-C40) Aqueous (W)	21/10/2010	21/10/2010	21/10/2010	21/10/2010	21/10/2010	21/10/2010
EPH CWG (Aliphatic) Aqueous GC (W)	21/10/2010	21/10/2010	21/10/2010	21/10/2010	21/10/2010	21/10/2010
EPH CWG (Aromatic) Aqueous GC (W)	21/10/2010	21/10/2010	21/10/2010	21/10/2010	21/10/2010	21/10/2010
GRO by GC-FID (W)	22/10/2010	22/10/2010	22/10/2010	22/10/2010	22/10/2010	22/10/2010
Low Level Phenols by HPLC (W)	18/10/2010	18/10/2010	18/10/2010	18/10/2010	18/10/2010	18/10/2010
Mercury Dissolved	18/10/2010	18/10/2010	18/10/2010	18/10/2010	18/10/2010	18/10/2010
PAH Spec MS - Aqueous (W)	21/10/2010	21/10/2010	21/10/2010	21/10/2010	21/10/2010	21/10/2010
pH Value	18/10/2010	18/10/2010	18/10/2010	18/10/2010	18/10/2010	18/10/2010
Sulphide	21/10/2010	20/10/2010	21/10/2010	22/10/2010	21/10/2010	21/10/2010
SVOC MS (W) - Aqueous	22/10/2010	22/10/2010	22/10/2010	22/10/2010	25/10/2010	25/10/2010
TPH CWG (W)	22/10/2010	22/10/2010	22/10/2010	22/10/2010	22/10/2010	22/10/2010
VOC MS (W)	25/10/2010	25/10/2010	25/10/2010	25/10/2010	25/10/2010	25/10/2010

Validated

ALcontrol Laboratories Analytical Services

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH401	BH403	BH410	WS12	WS401
			Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10
			Date Received	101015-14	101015-14	101015-14	101015-14	101015-14	101015-14
			SDG Ref	2236507	2236399	2236431	2236337	2236471	2533358
			Lab Sample No.(s)						
			AGS Reference						
Alkalinity, Total as CaCO3	<2 mg/l	TM043		85 #	238 #	340 #	165 #	4.5 #	215 #
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099		0.808 #	0.618 #	0.696 #	1.3 #	3 #	0.301 #
Sulphide	<0.01 mg/l	TM101		0.177 #	<0.01 #	<0.01 #	3.49 #	<0.01 #	<0.01 #
Antimony (diss.filt)	<0.16 µg/l	TM152		1.36 #	0.239 #	24.2 #	0.868 #	0.788 #	70.2 #
Arsenic (diss.filt)	<0.12 µg/l	TM152		57.2 #	1.95 #	47.3 #	15.7 #	119 #	181 #
Boron (diss.filt)	<9.4 µg/l	TM152		2500 #	263 #	651 #	126 #	179 #	574 #
Cadmium (diss.filt)	<0.1 µg/l	TM152		<0.1 #	0.236 #	0.285 #	<0.1 #	<0.1 #	<0.1 #
Chromium (diss.filt)	<0.22 µg/l	TM152		4.75 #	5.07 #	7.41 #	4.41 #	4.41 #	6.69 #
Copper (diss.filt)	<0.85 µg/l	TM152		2.02 #	2 #	3.57 #	1.63 #	2.14 #	2.33 #
Lead (diss.filt)	<0.02 µg/l	TM152		0.032 #	0.023 #	1.22 #	0.038 #	0.024 #	0.047 #
Nickel (diss.filt)	<0.15 µg/l	TM152		10.6 #	24.8 #	20.4 #	7.62 #	11.6 #	18.4 #
Selenium (diss.filt)	<0.39 µg/l	TM152		<0.39 #	1.28 #	2.19 #	<0.39 #	<0.39 #	3.48 #
Vanadium (diss.filt)	<0.24 µg/l	TM152		<0.24 #	1.69 #	2.84 #	1.19 #	1.82 #	1.55 #
Zinc (diss.filt)	<0.41 µg/l	TM152		48.8 #	50.2 #	32.4 #	4.46 #	14.8 #	160 #
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172		<46 #	867 #	697 #	5150 #	606 #	1230 #
EPH Band >C10-C20 (aq)	<10 µg/l	TM172		<10	44.9	71.7	4380	287	341
EPH Band >C20-C30 (aq)	<10 µg/l	TM172		<10	550	433	678	178	634
EPH Band >C30-C40 (aq)	<10 µg/l	TM172		<10	273	191	94.4	140	254
Mercury (diss.filt)	<0.01 µg/l	TM183		<0.01 #	<0.01 #	<0.01 #	0.0113 #	<0.01 #	<0.01 #
Sulphate	<3 mg/l	TM184		1120 #	1350 #	1640 #	970 #	1410 #	1500 #
Cyanide, Total	<0.05 mg/l	TM227		<0.05 #	0.807 #	<0.05 #	<0.05 #	0.199 #	<0.05 #
pH	<1 pH Units	TM256		8.14 #	8.16 #	8.04 #	8.03 #	5.08 #	8.22 #
Resorcinol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Catechol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phenol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	2.34	1.68	0.72
Cresols (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Xylenols (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	0.57	<0.5
1-Napthol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,3,5-Trimethylphenol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-Isopropylphenol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phenols, Total monohydric (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	2.34	2.25	0.72
Phenols, Total 5 speciated (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	2.34	2.25	0.72

Validated

ALcontrol Laboratories Analytical Services

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

GRO by GC-FID (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH401	BH403	BH410	WS12	WS401
			Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10
			Date Received	101015-14	101015-14	101015-14	101015-14	101015-14	101015-14
			SDG Ref	2236507	2236399	2236431	2236337	2236471	2533358
			Lab Sample No.(s)						
			AGS Reference						
GRO Surrogate % recovery**	%	TM245		86	89	91	72	87	88
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Benzene	<7 µg/l	TM245		<7 #	<7 #	<7 #	<7 #	<7 #	<7 #
Toluene	<4 µg/l	TM245		<4 #	<4 #	<4 #	<4 #	<4 #	<4 #
Ethylbenzene	<5 µg/l	TM245		<5 #	<5 #	<5 #	<5 #	<5 #	<5 #
m,p-Xylene	<8 µg/l	TM245		<8 #	<8 #	<8 #	<8 #	<8 #	<8 #
o-Xylene	<3 µg/l	TM245		<3 #	<3 #	<3 #	3 #	<3 #	<3 #
GRO >C10-C12	<10 µg/l	TM245		<10	<10	<10	269	11	<10
Aliphatics >C5-C6	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Aliphatics >C6-C8	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Aliphatics >C8-C10	<10 µg/l	TM245		<10	<10	<10	28	<10	<10
Aliphatics >C10-C12	<10 µg/l	TM245		<10	<10	<10	161	<10	<10
Total Aliphatics >C5-C12	<10 µg/l	TM245		<10	<10	<10	193	12	<10
Aromatics >EC5-EC7	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Aromatics >EC7-EC8	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Aromatics >EC8-EC10	<10 µg/l	TM245		<10	<10	<10	30	<10	<10
Aromatics >EC10-EC12	<10 µg/l	TM245		<10	<10	<10	108	<10	<10
Total Aromatics >EC5-EC12	<10 µg/l	TM245		<10	<10	<10	138	<10	<10
GRO >C5-C10	<10 µg/l	TM245		<10	<10	<10	59	<10	<10
m,p,o-Xylene	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
BTEX, Total	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
GRO >C5-C12	<50 µg/l	TM245		<50 #	<50 #	<50 #	331 #	<50 #	<50 #

Validated

ALcontrol Laboratories Analytical Services

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

PAH Spec MS - Aqueous (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH401	BH403	BH410	WS12	WS401
			Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10
			Date Received	101015-14	101015-14	101015-14	101015-14	101015-14	101015-14
			SDG Ref	2236507	2236399	2236431	2236337	2236471	2533358
			Lab Sample No.(s)						
			AGS Reference						
Naphthalene (aq)	<0.1 µg/l	TM178		<0.1 #	0.119 #	<0.1 #	0.285 #	0.517 #	1.65 #
Acenaphthene (aq)	<0.015 µg/l	TM178		0.0741 #	0.133 #	0.15 #	137 #	0.433 #	7.22 #
Acenaphthylene (aq)	<0.011 µg/l	TM178		<0.011 #	0.0382 #	0.0275 #	4.75 #	0.0503 #	0.342 #
Fluoranthene (aq)	<0.014 µg/l	TM178		0.0381 #	2.23 #	4.33 #	26 #	0.654 #	52.8 #
Anthracene (aq)	<0.015 µg/l	TM178		<0.015 #	0.238 #	0.571 #	4.98 #	0.123 #	6.99 #
Phenanthrene (aq)	<0.022 µg/l	TM178		0.0307 #	1.09 #	2.74 #	0.648 #	0.229 #	24.2 #
Fluorene (aq)	<0.014 µg/l	TM178		<0.014 #	0.107 #	0.184 #	36.9 #	0.124 #	5.36 #
Chrysene (aq)	<0.013 µg/l	TM178		0.0146 #	1.53 #	2.62 #	1.11 #	0.272 #	22.6 #
Pyrene (aq)	<0.015 µg/l	TM178		0.0446 #	2.31 #	3.92 #	16.2 #	1.12 #	43.4 #
Benzo(a)anthracene (aq)	<0.017 µg/l	TM178		0.0244 #	1.33 #	2.23 #	1.19 #	0.217 #	15.1 #
Benzo(b)fluoranthene (aq)	<0.023 µg/l	TM178		<0.023 #	1.42 #	2.95 #	0.364 #	0.226 #	11 #
Benzo(k)fluoranthene (aq)	<0.027 µg/l	TM178		<0.027 #	1.39 #	2.18 #	0.312 #	0.203 #	9.25 #
Benzo(a)pyrene (aq)	<0.009 µg/l	TM178		0.0118 #	1.46 #	2.92 #	0.249 #	0.229 #	12.4 #
Dibenzo(a,h)anthracene (aq)	<0.016 µg/l	TM178		<0.016 #	0.236 #	0.396 #	0.022 #	0.0421 #	1.76 #
Benzo(g,h,i)perylene (aq)	<0.016 µg/l	TM178		<0.016 #	0.995 #	1.75 #	0.11 #	0.189 #	6.78 #
Indeno(1,2,3-cd)pyrene (aq)	<0.014 µg/l	TM178		<0.014 #	0.785 #	1.4 #	0.0988 #	0.142 #	5.5 #
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	<0.1 µg/l	TM178		0.238 #	15.4 #	28.4 #	231 #	4.77 #	226 #

Validated

ALcontrol Laboratories Analytical Services

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH401	BH403	BH410	WS12	WS401
			Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled						
			Date Received	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10
			SDG Ref	101015-14	101015-14	101015-14	101015-14	101015-14	101015-14
			Lab Sample No.(s)	2236507	2236399	2236431	2236337	2236471	2533358
			AGS Reference						
1,2,4-Trichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2,4,5-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2,4,6-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2,4-Dichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2,4-Dimethylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2,4-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2,6-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2-Chloronaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2-Chlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2-Methylnaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2-Methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
2-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
3-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
4-Bromophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
4-Chloro-3-methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
4-Chloroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
4-Chlorophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
4-Methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
4-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
4-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Azobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
bis(2-Chloroethyl)ether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
bis(2-Chloroethoxy)methane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
bis(2-Ethylhexyl) phthalate (aq)	<2 µg/l	TM176		<2	<2	<2	<2	<2	<2
Butylbenzyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Benzo(k)fluoranthene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Carbazole (aq)	<1 µg/l	TM176		<1	<1	<1	2.16	<1	<1
Dibenzofuran (aq)	<1 µg/l	TM176		<1	<1	<1	13.4	<1	<1
n-Dibutyl phthalate (aq)	<1 µg/l	TM176		<1	<2	<1	<2	<2	<2
Diethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Dimethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
n-Dioctyl phthalate (aq)	<5 µg/l	TM176		<5	<5	<5	<5	<5	<5
Hexachlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Hexachlorobutadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Pentachlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1

ALcontrol Laboratories Analytical Services

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH401	BH403	BH410	WS12	WS401
			Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled						
			Date Received	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10
			SDG Ref	101015-14	101015-14	101015-14	101015-14	101015-14	101015-14
			Lab Sample No.(s)	2236507	2236399	2236431	2236337	2236471	2533358
			AGS Reference						
Phenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
n-Nitroso-n-dipropylamine (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Hexachloroethane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Nitrobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Isophorone (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
Indeno(1,2,3-cd)pyrene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<1
SVOC TIC (aq)	-	TM176		See Attached	See Attached	See Attached	See Attached	No TIC's identified	No TIC's identified

Validated

ALcontrol Laboratories Analytical Services

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

TPH CWG (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH401	BH403	BH410	WS12	WS401
			Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10
			Date Received	101015-14	101015-14	101015-14	101015-14	101015-14	101015-14
			SDG Ref	2236507	2236399	2236431	2236337	2236471	2533358
			Lab Sample No.(s)						
			AGS Reference						
Total Aliphatics >C5-C35 (aq)	<10 µg/l	TM174		<10	581	330	1330	12	304
Total Aromatics >C6-C35 (aq)	<10 µg/l	TM174		<10	12	10	1600	<10	575
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174		<10	593	340	2930	12	879
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174		<10	<10	<10	467	<10	<10
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174		<10	<10	<10	712	<10	10
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174		<10	23	<10	399	<10	22
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174		<10	<10	<10	627	<10	162
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174		<10	558	330	270	<10	276
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174		<10	12	10	127	<10	400
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174		<10	581	330	1140	<10	298
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174		<10	12	10	1470	<10	572
Total Aliphatics & Aromatics >C12-C35 (Aqueous)	<10 µg/l	TM174		<10	593	340	2600	<10	870

ALcontrol Laboratories Analytical Services

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH401	BH403	BH410	WS12	WS401
			Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10
			Date Received	101015-14	101015-14	101015-14	101015-14	101015-14	101015-14
			SDG Ref	2236507	2236399	2236431	2236337	2236471	2533358
			Lab Sample No.(s)						
			AGS Reference						
Dibromofluoromethane**	%	TM208		110	105	108	108	108	106
Toluene-d8**	%	TM208		96.9	96.8	96.8	96.3	96.7	96.5
4-Bromofluorobenzene**	%	TM208		94.7	95.4	93.7	94.4	94.9	95.2
Dichlorodifluoromethane	<7 µg/l	TM208		<7 #	<7 #	<7 #	<7 #	<7 #	<7 #
Chloromethane	<9 µg/l	TM208		<9 #	<9 #	<9 #	<9 #	<9 #	<9 #
Vinyl chloride	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromomethane	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
Chloroethane	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
Trichlorofluoromethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloroethene	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Carbon disulphide	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Dichloromethane	<3.7 µg/l	TM208		<3.7 #	<3.7 #	<3.7 #	<3.7 #	<3.7 #	<3.7 #
Methyl tertiary butyl ether (MTBE)	<1.6 µg/l	TM208		<1.6 #	<1.6 #	<1.6 #	<1.6 #	<1.6 #	<1.6 #
trans-1,2-Dichloroethene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,1-Dichloroethane	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
cis-1,2-Dichloroethene	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
2,2-Dichloropropane	<3.8 µg/l	TM208		<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #
Bromochloromethane	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Chloroform	<1.8 µg/l	TM208		<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
1,1,1-Trichloroethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloropropene	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Carbontetrachloride	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,2-Dichloroethane	<3.3 µg/l	TM208		<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Benzene	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Trichloroethene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
1,2-Dichloropropane	<3 µg/l	TM208		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Dibromomethane	<2.7 µg/l	TM208		<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
Bromodichloromethane	<0.9 µg/l	TM208		<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #
cis-1,3-Dichloropropene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Toluene	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
trans-1,3-Dichloropropene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,2-Trichloroethane	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,3-Dichloropropane	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
Tetrachloroethene	<1.5 µg/l	TM208		<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #
Dibromochloromethane	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
1,2-Dibromoethane	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Chlorobenzene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,1,2-Tetrachloroethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Ethylbenzene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	4.61 #	<2.5 #	<2.5 #

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH401	BH403	BH410	WS12	WS401
			Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10	15/10/10
			Date Received	101015-14	101015-14	101015-14	101015-14	101015-14	101015-14
			SDG Ref	2236507	2236399	2236431	2236337	2236471	2533358
			Lab Sample No.(s)						
			AGS Reference						
m,p-Xylene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	3.23 #	<2.5 #	<2.5 #
o-Xylene	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	2.96 #	<1.7 #	<1.7 #
Styrene	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromoform	<3 µg/l	TM208		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Isopropylbenzene	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,1,2,2-Tetrachloroethane	<5.2 µg/l	TM208		<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
1,2,3-Trichloropropane	<7.8 µg/l	TM208		<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #
Bromobenzene	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
Propylbenzene	<2.6 µg/l	TM208		<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
2-Chlorotoluene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,3,5-Trimethylbenzene	<1.8 µg/l	TM208		<1.8 #	<1.8 #	<1.8 #	3.28 #	<1.8 #	<1.8 #
4-Chlorotoluene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
tert-Butylbenzene	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
1,2,4-Trimethylbenzene	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	7.39 #	<1.7 #	<1.7 #
sec-Butylbenzene	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
4-iso-Propyltoluene	<2.6 µg/l	TM208		<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
1,3-Dichlorobenzene	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,4-Dichlorobenzene	<2.7 µg/l	TM208		<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
n-Butylbenzene	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
1,2-Dichlorobenzene	<3.7 µg/l	TM208		<3.7	<3.7	<3.7	<3.7	<3.7	<3.7
1,2-Dibromo-3-chloropropane	<9.8 µg/l	TM208		<9.8	<9.8	<9.8	<9.8	<9.8	<9.8
1,2,4-Trichlorobenzene	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Hexachlorobutadiene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208		<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,2,3-Trichlorobenzene	<3.1 µg/l	TM208		<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #
1,3,5-Trichlorobenzene	<10 µg/l	TM208		<10	<10	<10	<10	<10	<10
VOC TIC	-	TM208		No TIC's identified	No TIC's identified	No TIC's identified	See Attached	No TIC's identified	No TIC's identified

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

ASSOCIATED AQC DATA

Alkalinity as CaCO3

Component	Method Code	QC 21
Total Alkalinity as CaCO3	TM043	**100.25** 96.25 : 104.59

Ammonium

Component	Method Code	QC 29	QC 28	QC 24
Ammoniacal Nitrogen as N	TM099	**100.64** 98.81 : 106.69	**100.78** 98.81 : 106.69	**101.50** 98.81 : 106.69

Anions by Kone (w)

Component	Method Code	QC 23	QC 20	QC 23
Chloride	TM184	**103.90** 94.23 : 107.50	**99.90** 92.01 : 104.18	**101.90** 94.23 : 107.50
Sulphate (soluble)	TM184	**103.08** 94.38 : 108.93	**100.08** 95.09 : 105.03	**105.28** 94.38 : 108.93

Cyanide Comp/Free/Total/Thiocyanate

Component	Method Code	QC 21	QC 28
Free Cyanide (W)	TM227	**103.33** 87.13 : 117.88	**95.83** 87.13 : 117.88
Thiocyanate (W)	TM227	**101.13** 84.79 : 114.71	**96.15** 84.79 : 114.71
Total Cyanide (W)	TM227	**103.65** 87.76 : 118.74	**95.98** 87.76 : 118.74

Dissolved Metals by ICP-MS

Component	Method Code	QC 21	QC 25
Aluminium	TM152	**103.89** 85.00 : 115.00	**102.40** 85.00 : 115.00
Antimony	TM152	**107.85** 85.00 : 115.00	**108.69** 85.00 : 115.00
Arsenic	TM152	**100.83** 85.00 : 115.00	**100.15** 85.00 : 115.00
Barium	TM152	**107.65** 85.00 : 115.00	**103.92** 85.00 : 115.00
Beryllium	TM152	**105.15** 85.00 : 115.00	**104.32** 85.00 : 115.00
Bismuth	TM152	**104.16** 85.00 : 115.00	**103.84** 85.00 : 115.00
Boron	TM152	**107.84** 85.00 : 115.00	**108.12** 85.00 : 115.00
Cadmium	TM152	**104.17** 85.00 : 115.00	**108.81** 85.00 : 115.00
Chromium	TM152	**99.83** 85.00 : 115.00	**98.60** 85.00 : 115.00

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

		QC 21	QC 25
Cobalt	TM152	**99.97** 85.00 : 115.00	**98.23** 85.00 : 115.00
Copper	TM152	**96.25** 85.00 : 115.00	**97.27** 85.00 : 115.00
Lead	TM152	**104.56** 85.00 : 115.00	**103.44** 85.00 : 115.00
Lithium	TM152	**110.23** 85.00 : 115.00	**109.76** 85.00 : 115.00
Manganese	TM152	**103.52** 85.00 : 115.00	**102.85** 85.00 : 115.00
Molybdenum	TM152	**94.39** 85.00 : 115.00	**99.04** 85.00 : 115.00
Nickel	TM152	**97.49** 85.00 : 115.00	**98.43** 85.00 : 115.00
Niobium	TM152	**98.37** 85.00 : 115.00	**98.95** 85.00 : 115.00
Phosphorus	TM152	**108.29** 85.00 : 115.00	**101.33** 85.00 : 115.00
Selenium	TM152	**102.45** 85.00 : 115.00	**103.24** 85.00 : 115.00
Silver	TM152	**97.17** 85.00 : 115.00	**100.96** 85.00 : 115.00
Strontium	TM152	**105.25** 85.00 : 115.00	**105.05** 85.00 : 115.00
Tellurium	TM152	**108.57** 85.00 : 115.00	**104.64** 85.00 : 115.00
Thallium	TM152	**105.59** 85.00 : 115.00	**104.76** 85.00 : 115.00
Tin	TM152	**104.64** 85.00 : 115.00	**107.45** 85.00 : 115.00
Titanium	TM152	**101.27** 85.00 : 115.00	**100.25** 85.00 : 115.00
Tungsten	TM152	**90.17** 85.00 : 115.00	**88.79** 85.00 : 115.00
Uranium	TM152	**101.63** 85.00 : 115.00	**101.72** 85.00 : 115.00
Vanadium	TM152	**101.37** 85.00 : 115.00	**98.52** 85.00 : 115.00
Zinc	TM152	**101.37** 85.00 : 115.00	**103.44** 85.00 : 115.00
Zirconium	TM152	**104.59** 85.00 : 115.00	**103.76** 85.00 : 115.00

EPH (DRO) (C10-C40) Aqueous (W)

Component	Method Code	QC 28	QC 22
EPH (DRO) (C10-C40)	TM172	**90.18** 38.00 : 127.50	**94.17** 38.50 : 139.00

EPH CWG (Aliphatic) Aqueous GC (W)

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

Component	Method Code	QC 21	QC 28
Total Aliphatics >C12-C35	TM174	**85.06** 69.51 : 106.01	**87.40** 71.03 : 104.04

EPH CWG (Aromatic) Aqueous GC (W)

Component	Method Code	QC 26	QC 24
Total Aromatics >EC12-EC35	TM174	**101.77** 65.33 : 132.00	**98.31** 60.00 : 135.33

Mercury Dissolved

Component	Method Code	QC 24	QC 24
Mercury Dissolved (CVAF)	TM183	**99.50** 79.41 : 116.68	**98.90** 85.87 : 123.88

PAH Spec MS - Aqueous (W)

Component	Method Code	QC 22	QC 21	QC 28
Acenaphthene by GCMS	TM178	**90.10** 86.66 : 106.98	**93.74** 85.48 : 106.23	**90.83** 86.66 : 106.98
Acenaphthylene by GCMS	TM178	**96.40** 77.40 : 104.05	**91.45** 80.12 : 106.77	**87.58** 77.40 : 104.05
Anthracene by GCMS	TM178	**88.95** 77.85 : 105.75	**86.41** 77.85 : 105.75	**95.11** 77.85 : 105.75
Benz(a)anthracene by GCMS	TM178	**88.88** 81.60 : 110.25	**86.90** 81.60 : 110.25	**87.05** 81.60 : 110.25
Benzo(a)pyrene by GCMS	TM178	**102.53** 84.65 : 108.65	**94.15** 84.65 : 108.65	**89.93** 84.65 : 108.65
Benzo(b)fluoranthene by GCMS	TM178	**108.16** 87.25 : 114.25	**102.91** 87.25 : 114.25	**104.15** 87.25 : 114.25
Benzo(ghi)perylene by GCMS	TM178	**106.56** 82.05 : 112.05	**100.69** 82.05 : 112.05	**96.26** 82.05 : 112.05
Benzo(k)fluoranthene by GCMS	TM178	**114.15** 87.20 : 122.40	**101.63** 87.20 : 122.40	**102.11** 87.20 : 122.40
Chrysene by GCMS	TM178	**94.75** 88.05 : 113.30	**93.60** 85.32 : 108.58	**92.69** 88.05 : 113.30
Dibenzo(ah)anthracene by GCMS	TM178	**102.27** 72.40 : 118.55	**93.50** 72.40 : 118.55	**93.25** 72.40 : 118.55
Fluoranthene by GCMS	TM178	**95.40** 87.00 : 105.75	**93.07** 87.00 : 105.75	**91.64** 87.00 : 105.75
Fluorene by GCMS	TM178	**98.69** 82.81 : 109.25	**94.42** 85.34 : 108.30	**91.49** 82.81 : 109.25
Indeno(123cd)pyrene by GCMS	TM178	**105.56** 82.25 : 114.75	**93.82** 82.25 : 114.75	**92.12** 82.25 : 114.75
Naphthalene by GCMS	TM178	**88.58** 84.07 : 108.07	**91.32** 84.07 : 108.07	**88.63** 84.07 : 108.07
Phenanthrene by GCMS	TM178	**91.70** 85.81 : 108.24	**95.13** 86.86 : 107.20	**95.35** 85.81 : 108.24
Pyrene by GCMS	TM178	**100.19** 84.55 : 108.55	**94.01** 84.55 : 108.55	**90.85** 84.55 : 108.55

SDG	101015-14	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Lab data
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	106574

		QC 22	QC 21	QC 28
Volume	TM178	**15000.00**	**15000.00**	**15000.00**

pH Value

Component	Method Code	QC 21	QC 28
pH	TM256	**99.57** 90.96 : 108.19	**99.86** 98.71 : 100.43

Sulphide

Component	Method Code	QC 21	QC 20	QC 23
Sulphide	TM101	**101.07** 89.29 : 110.21	**100.07** 77.08 : 135.77	**100.40** 77.08 : 135.77

SVOC MS (W) - Aqueous

Component	Method Code	QC 21
4-Bromophenylphenylether	TM176	**81.45** 74.07 : 108.33
Benzo(a)anthracene	TM176	**73.88** 64.51 : 105.49
Benzo(a)pyrene	TM176	**69.06** 53.03 : 98.81
Butylbenzyl phthalate	TM176	**77.87** 63.86 : 115.28
Hexachlorobutadiene	TM176	**58.66** 45.86 : 100.88
Naphthalene	TM176	**80.02** 75.05 : 106.07
Nitrobenzene	TM176	**84.99** 69.60 : 106.80
Phenol	TM176	**53.74** 45.42 : 71.52

The above information details the reference name of the analytical quality control sample (AQC) that has been run with the samples contained in this report for the different methods of analysis.
The figure detailed is the percentage recovery result for the AQC.
The subscript numbers below are the percentage recovery lower control limit (LCL) and the upper control limit (UCL). The percentage recovery result for the AQC should be between these limits to be statistically in control.

Table of Results - Appendix

SDG Number : 101015-14 **Client :** H_WYG_MAN **Client Ref :** A64184

REPORT KEY

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10-7

NDP	No Determination Possible	#	ISO 17025 Accredited	*	Subcontracted Test	M	MCERTS Accredited
NFD	No Fibres Detected	PFD	Possible Fibres Detected	»	Result previously reported (Incremental reports only)	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control

Method No	Reference	Description	Wet/Dry Sample [1]	Surrogate Corrected
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples		
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)		
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser		
TM101	Method 4500B & C, AWWA/APHA, 20th Ed., 1999	Determination of Sulphide in soil and water samples using the Kone Analyser		
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS		
TM172	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	EPH in Waters		
TM174	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	Determination of Speciated Extractable Petroleum Hydrocarbons in Waters by GC-FID		
TM176	EPA 8270D Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of SVOCs in Water by GCMS		
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters		
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry		
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers		
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters		
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate		
TM245	By GC-FID	Determination of GRO by Headspace in waters		
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4.	Determination of pH in Water and Leachate using the GLpH pH Meter		
TM259		Determination of Phenols in Waters and Leachates by HPLC		

[1] Applies to Solid samples only. DRY indicates samples have been dried at 35°C. NA = not applicable.

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101015-14
Customer - H_WYG_MAN
Sample Identity - 2243711 /BH3[]
Sample Type [Units] - Water - µg/l
Date Acquired - 21/10/10
Date Reported - 22/10/10
Analyst - A.Steepe

Tentative Compound Identification	Retention Time min	Concentration µg/l
Hexadecanoic acid	10.03	10

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101015-14
Customer - H_WYG_MAN
Sample Identity - 2243819 / BH403[]
Sample Type [Units] - Water - µg/l
Date Acquired - 21/10/10
Date Reported - 21/10/10
Analyst - A.Steepe

Tentative Compound Identification	Retention Time min	Concentration µg/l
Tetradecanoic acid	9.17	12
Hexadecanoic acid	10.03	31
unknown	11.15	12

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101015-14
Customer - H_WYG_MAN
Sample Identity - 2243712 /BH401[]
Sample Type [Units] - Water - µg/l
Date Acquired - 21/10/10
Date Reported - 22/10/10
Analyst - A.Steepe

Tentative Compound Identification	Retention Time min	Concentration µg/l
Hexadecanoic acid	10.03	19
unknown	11.15	12

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101015-14
Customer - H_WYG_MAN
Sample Identity - 2243677 / BH410[]
Sample Type [Units] - Water - µg/l
Date Acquired - 21/10/10
Date Reported - 21/10/10
Analyst - A.Steepe

Tentative Compound Identification	Retention Time min	Concentration µg/l
Indene, dihydro	4.79	41
Benzene, ethenyl, dimethyl	5.72	17
Benzo thiophene	6.08	15
Naphthalenecarbonitrile	8.03	38
unknown	8.48	22
unknown	8.61	16
unknown	8.63	31
Acenaphthylenone	8.90	29
Acenaphthenol	9.01	32
Fluoren-ol	9.36	13

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

VOC Tentatively Identified Compounds

Job Number - 101015-14
Customer - WYG Environment
Sample Identity - 2236358/ BH410[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 22/10/10
Date Reported - 25/10/10
Analyst - C Tracey

Tentative Compound Identification	Retention Time min	Concentration µg/l
ethyl-methyl-Benzene Isomer	3.841	14
Indane	4.317	82
methyl-Indan Isomer	4.561	15
methyl-Benzofuran isomer	4.664	10
methyl-Benzofuran isomer	4.708	15
ethenyl-dimethyl-Benzene Isomer	4.825	15
dimethyl-styrene Isomer	4.898	33

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

APPENDIX

APPENDIX

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA Leach tests, flash point, ammonium as NH_4 by the BRE method, VOC TICS, SVOC TICS, TOF-MS SCAN/SEARCH and TOF-MS TICS.
2. Samples will be run in duplicate upon request, but an additional charge may be incurred.
3. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for both soil jars, tubs and volatile jars. All waters and vials will be discarded 10 days after the analysis is completed (e-mailed). All material removed during an asbestos containing material screen and analysed for the presence of asbestos will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALcontrol Laboratories reserve the right to charge for samples received and stored but not analysed.
4. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.
5. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.
6. When requested, the individual sub sample scheduled will be screened in house for the presence of large asbestos containing material fragments/pieces. If no asbestos containing material is found this will be reported as 'no asbestos containing material detected'. If asbestos containing material is detected it will be removed and analysed by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If asbestos containing material is present no further analysis will be undertaken. At no point is the fibre content of the soil sample determined.
7. If no separate volatile sample is supplied by the client, the integrity of the data may be compromised if the laboratory is required to create a sub-sample from the bulk sample – similarly, if a headspace or sediment is present in the volatile sample. This will be flagged up as an invalid VOC on the test schedule or recorded on the log sheet.
8. If appropriate preserved bottles are not received preservation will take place on receipt. However, the integrity of the data may be compromised.
9. NDP – No determination possible due to insufficient/unsuitable sample.
10. Metals in water are performed on a filtered sample, and therefore represent dissolved metals – total metals must be requested separately.
11. A table containing the date of analysis for each parameter is not routinely included with the report, but is available upon request.
12. Results relate only to the items tested
13. **Surrogate recoveries** – Most of our organic methods include surrogates, the recovery of which is monitored and reported. For EPH, MO, PAH, GRO and VOCs on soils the result is not surrogate corrected, but a percentage recovery is quoted. Acceptable limits for most organic methods are 70 – 130 %.
14. **Product analyses** – Organic analyses on products can only be semi-quantitative due to the matrix effects and high dilution factors employed.
15. Phenols monohydric by HPLC include phenol, cresols (2-Methylphenol, 3-Methylphenol and 4-Methylphenol) and Xylenols (2,3 Dimethylphenol, 2,4 Dimethylphenol, 2,5 Dimethylphenol, 2,6 Dimethylphenol, 3,4 Dimethyphenol, 3,5 Dimethylphenol).
16. Total of 5 speciated phenols by HPLC includes Phenol, 2,3,5-Trimethyl Phenol, 2-Isopropylphenol, Cresols and Xylenols (as detailed in 14).
17. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.
18. Our MCERTS accreditation for PAHs by GCMS applies to all product types apart from Kerosene, where naphthalene only is not accredited.
19. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.
19. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.
20. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.
21. For all leachate preparations (NRA, DIN, TCLP, BSEN 12457-1, 2, 3) volatile loss may occur, as we do not employ zero headspace extraction.
22. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials – whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
23. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C4 – C10 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

LIQUID MATRICES EXTRACTION SUMMARY

ANALYSIS	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
PAH MS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
EPH	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
EPH CWG	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
MINERAL OIL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
PCB 7 CONGENERS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
PCB TOTAL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GS MS
SVOC	DCM	LIQUID/LIQUID SHAKE	GC MS
FREE SULPHUR	DCM	SOLID PHASE EXTRACTION	HPLC
PEST OCP/OPP	DCM	LIQUID/LIQUID SHAKE	GC MS
TRIAZINE HERBS	DCM	LIQUID/LIQUID SHAKE	GC MS
PHENOLS MS	DCM	SOLID PHASE EXTRACTION	GC MS
TPH by INFRA RED (IR)	TCE	LIQUID/LIQUID EXTRACTION	HPLC
MINERAL OIL by IR	TCE	LIQUID/LIQUID EXTRACTION	HPLC
GLYCOLS	NONE	DIRECT INJECTION	GC FID

SOLID MATRICES EXTRACTION SUMMARY

ANALYSIS	D/C OR WET	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
Solvent Extractable Matter	D&C	DCM	SOXTHERM	GRAVIMETRIC
Cyclohexane Ext. Matter	D&C	CYCLOHEXANE	SOXTHERM	GRAVIMETRIC
Thin Layer Chromatography	D&C	DCM	SOXTHERM	IATROSCAN
Elemental Sulphur	D&C	DCM	SOXTHERM	HPLC
Phenols by GCMS	WET	DCM	SOXTHERM	GC-MS
Herbicides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
Pesticides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
EPH (DRO)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Min oil)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Cleaned up)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH CWG by GC	D&C	HEXANE:ACETONE	END OVER END	GC-FID
PCB tot / PCB con	D&C	HEXANE:ACETONE	END OVER END	GC-MS
Polyaromatic Hydrocarbons (MS)	WET	HEXANE:ACETONE	Microwave TM218.	GC-MS
C8-C40 (C6-C40)EZ Flash	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Polyaromatic Hydrocarbons Rapid GC	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Semi Volatile Organic Compounds	WET	DCM:ACETONE	SONICATE	GC-MS

Identification of Asbestos in Bulk Materials

The results for asbestos identification for soil samples are obtained from possible Asbestos Containing Material, removed during the 'Screening of soils for Asbestos Containing Materials', which have been examined to determine the presence of asbestos fibres using Alcontrol Laboratories (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Visual Estimation Of Fibre Content.

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: -

Trace – Where only one or two asbestos fibres were identified.

Further guidance on typical asbestos fibre content of manufactured products can be found in MDHS 100.

The identification of asbestos containing materials falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

ALcontrol Laboratories

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email: mkt@alcontrol.com
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Attention: Simon Johnson

CERTIFICATE OF ANALYSIS

Date:	01 December 2010		
Customer:	H_WYG_MAN-29		
Sample Delivery Group (SDG):	101122-58	**Report No.:**	105406
Your Reference:	A64184		
Location:	Openshaw West		

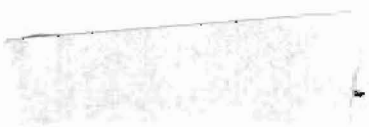
We received 4 samples on Saturday November 20, 2010 and 2 of these samples were scheduled for analysis which was completed on Wednesday December 01, 2010. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

All chemical testing (unless subcontracted) is performed at ALcontrol Hawarden Laboratories.

Asbestos testing - we are not accredited for screening soil samples for asbestos fibres. We are only accredited to identify asbestos fibres in bulk material (ACM).

Approved By:



Iain Swinton

Business Director - Land, UK & Ireland

UKAS TESTING 1291

GROUP

ALcontrol Laboratories

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Website: www.alcontrol.com

Attention: Simon Johnson

CERTIFICATE OF ANALYSIS

Date:	29 November 2010		
Customer:	H_WYG_MAN-29		
Sample Delivery Group (SDG):	101112-16	**Report No.:**	105173
Your Reference:	A64184		
Location:	Openshaw West		

We received 7 samples on Friday November 12, 2010 and 7 of these samples were scheduled for analysis which was completed on Monday November 29, 2010. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

All chemical testing (unless subcontracted) is performed at ALcontrol Hawarden Laboratories.

Asbestos testing - we are not accredited for screening soil samples for asbestos fibres. We are only accredited to identify asbestos fibres in bulk material (ACM).

Approved By:

Iain Swinton
Business Director - Land, UK & Ireland

UKAS TESTING
1291

Validated

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105406

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
2451453	BH401			17/11/2010
2451460	BH410			17/11/2010
2451508	BH401 PROBES			17/11/2010
2451524	BH410 PROBES SHALLOW			17/11/2010

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105406

LIQUID

Results Legend

X Test

N No Determination Possible

			Lab Sample No(s)	2451453						2451460					
			Customer Sample Ref.	BH401						BH410					
			AGS Ref.												
			Depth (m)												
			Container	1l green glass bottle	1lplastic	H2SO4	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	NaOH	Vial	ZnAc
Alkalinity as CaCO3	All	NDPs: 0 Tests: 2			X						X				
Ammonium	All	NDPs: 0 Tests: 2				X						X			
Anions by ion Chromatography	All	NDPs: 0 Tests: 1									X				
Anions by Kone (w)	All	NDPs: 0 Tests: 2			X						X				
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 1									X				
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 2					X						X		
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 2			X						X				
EPH (DRO) (C10-C40) Aqueous (W)	All	NDPs: 0 Tests: 2		X						X					
EPH CWG (Aliphatic) Aqueous GC (W)	All	NDPs: 0 Tests: 2		X						X					
EPH CWG (Aromatic) Aqueous GC (W)	All	NDPs: 0 Tests: 2		X						X					
GRO by GC-FID (W)	All	NDPs: 0 Tests: 2						X						X	
Low Level Phenols by HPLC (W)	All	NDPs: 0 Tests: 2					X						X		
Mercury Dissolved	All	NDPs: 0 Tests: 2		X						X					
Metals by iCap-OES Dissolved (W)	All	NDPs: 0 Tests: 1									X				
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 2		X						X					
pH Value	All	NDPs: 0 Tests: 2			X						X				

Validated

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105406

LIQUID

Results Legend

X — Test

N — No Determination Possible

			Lab Sample No(s)	2451453						2451460					
			Customer Sample Ref.	BH401						BH410					
			AGS Ref.												
			Depth (m)												
			Container	1l green glass bottle	1lplastic	H2SO4	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	NaOH	Vial	ZnAc
Sulphide	All	NDPs: 0 Tests: 2							X						X
SVOC MS (W) - Aqueous	All	NDPs: 0 Tests: 2		X						X					
TPH CWG (W)	All	NDPs: 0 Tests: 2		X						X					
VOC MS (W)	All	NDPs: 0 Tests: 2						X						X	

Validated

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

Test Completion Dates

Lab Sample No(s)	2451453	2451460
Customer Sample Ref.	BH401	BH410
AGS Ref.		
Depth		
Type	LIQUID	LIQUID
Alkalinity as CaCO3	24/11/2010	24/11/2010
Ammonium	24/11/2010	24/11/2010
Anions by ion Chromatography		26/11/2010
Anions by Kone (w)	23/11/2010	23/11/2010
Conductivity (at 20 deg.C)		26/11/2010
Cyanide Comp/Free/Total/Thiocyanate	24/11/2010	24/11/2010
Dissolved Metals by ICP-MS	24/11/2010	24/11/2010
EPH (DRO) (C10-C40) Aqueous (W)	29/11/2010	29/11/2010
EPH CWG (Aliphatic) Aqueous GC (W)	29/11/2010	29/11/2010
EPH CWG (Aromatic) Aqueous GC (W)	29/11/2010	29/11/2010
GRO by GC-FID (W)	30/11/2010	30/11/2010
Low Level Phenols by HPLC (W)	24/11/2010	24/11/2010
Mercury Dissolved	25/11/2010	25/11/2010
Metals by iCap-OES Dissolved (W)		30/11/2010
PAH Spec MS - Aqueous (W)	27/11/2010	27/11/2010
pH Value	23/11/2010	23/11/2010
Sulphide	25/11/2010	25/11/2010
SVOC MS (W) - Aqueous	30/11/2010	01/12/2010
TPH CWG (W)	30/11/2010	30/11/2010
VOC MS (W)	30/11/2010	30/11/2010

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	Depth (m)	Sample Type	Date Sampled	Date Received	SDG Ref	Lab Sample No.(s)	AGS Reference
			BH401		Water(GW/SW)	17/11/2010	20/11/2010	101122-58	2451453	
			BH410		Water(GW/SW)	17/11/2010	20/11/2010	101122-58	2451460	
Alkalinity, Total as CaCO3	<2 mg/l	TM043	388 #							
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099	0.381 #							
Sulphide	<0.01 mg/l	TM101	<0.01 #							
Conductivity @ 20 deg.C	<0.014 mS/cm	TM120								
Antimony (diss.filt)	<0.16 µg/l	TM152	0.341 #							
Arsenic (diss.filt)	<0.12 µg/l	TM152	<0.12 #							
Boron (diss.filt)	<9.4 µg/l	TM152	257 #							
Cadmium (diss.filt)	<0.1 µg/l	TM152	<0.1 #							
Chromium (diss.filt)	<0.22 µg/l	TM152	15.5 #							
Copper (diss.filt)	<0.85 µg/l	TM152	4.45 #							
Lead (diss.filt)	<0.02 µg/l	TM152	0.149 #							
Nickel (diss.filt)	<0.15 µg/l	TM152	26.3 #							
Selenium (diss.filt)	<0.39 µg/l	TM152	<0.39 #							
Vanadium (diss.filt)	<0.24 µg/l	TM152	5.28 #							
Zinc (diss.filt)	<0.41 µg/l	TM152	11 #							
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172	648 #							
EPH Band >C10-C20 (aq)	<10 µg/l	TM172	30.2							
EPH Band >C20-C30 (aq)	<10 µg/l	TM172	411							
EPH Band >C30-C40 (aq)	<10 µg/l	TM172	206							
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01 #							
Sulphate	<3 mg/l	TM184	1620 #							
Chloride	<0.08 mg/l	TM226								
Cyanide, Total	<0.05 mg/l	TM227	0.275 #							
Calcium (diss.filt)	<0.012 mg/l	TM228								
Magnesium (diss.filt)	<0.036 mg/l	TM228								
pH	<1 pH Units	TM256	7.53 #							
Resorcinol (low level)	<0.5 µg/l	TM259	<0.5							
Catechol (low level)	<0.5 µg/l	TM259	<0.5							
Phenol (low level)	<0.5 µg/l	TM259	1							
Cresols (low level)	<0.5 µg/l	TM259	<0.5							
Xylenols (low level)	<0.5 µg/l	TM259	<0.5							
1-Napthol (low level)	<0.5 µg/l	TM259	<0.5							
2,3,5-Trimethylphenol (low level)	<0.5 µg/l	TM259	<0.5							
2-Isopropylphenol (low level)	<0.5 µg/l	TM259	<0.5							
Phenols, Total monohydric (low level)	<0.5 µg/l	TM259	1							
Phenols, Total 5 speciated (low level)	<0.5 µg/l	TM259	1							

Validated

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

GRO by GC-FID (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH401	BH410
			Depth (m)		
			Sample Type	Water(GW/SW)	Water(GW/SW)
			Date Sampled	17/11/2010	17/11/2010
			Date Received	20/11/2010	20/11/2010
			SDG Ref	101122-58	101122-58
			Lab Sample No.(s)	2451453	2451460
			AGS Reference		
GRO Surrogate % recovery**	%	TM245		80	95
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245		<3 #	<3 #
Benzene	<7 µg/l	TM245		<7 #	<7 #
Toluene	<4 µg/l	TM245		<4 #	<4 #
Ethylbenzene	<5 µg/l	TM245		<5 #	7 #
m,p-Xylene	<8 µg/l	TM245		<8 #	<8 #
o-Xylene	<3 µg/l	TM245		<3 #	5 #
GRO >C10-C12	<10 µg/l	TM245		<10	535
GRO >C5-C10	<10 µg/l	TM245		<10	90
m,p,o-Xylene	<10 µg/l	TM245		<10	<10
BTEX, Total	<10 µg/l	TM245		<10	<10
GRO >C5-C12	<50 µg/l	TM245		<50 #	633 #

Validated

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

PAH Spec MS - Aqueous (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH401	BH410
			Depth (m)		
			Sample Type	Water(GW/SW)	Water(GW/SW)
			Date Sampled	17/11/2010	17/11/2010
			Date Received	20/11/2010	20/11/2010
			SDG Ref	101122-58	101122-58
			Lab Sample No.(s)	2451453	2451460
			AGS Reference		
Naphthalene (aq)	<0.1 µg/l	TM178		<0.1 #	0.38 #
Acenaphthene (aq)	<0.015 µg/l	TM178		0.0593 #	1.3 #
Acenaphthylene (aq)	<0.011 µg/l	TM178		0.0226 #	0.511 #
Fluoranthene (aq)	<0.017 µg/l	TM178		0.925 #	11 #
Anthracene (aq)	<0.015 µg/l	TM178		0.124 #	5.04 #
Phenanthrene (aq)	<0.022 µg/l	TM178		0.543 #	4.11 #
Fluorene (aq)	<0.014 µg/l	TM178		0.0427 #	0.931 #
Chrysene (aq)	<0.013 µg/l	TM178		0.682 #	3.01 #
Pyrene (aq)	<0.015 µg/l	TM178		1.01 #	12.2 #
Benzo(a)anthracene (aq)	<0.017 µg/l	TM178		0.476 #	2.81 #
Benzo(b)fluoranthene (aq)	<0.023 µg/l	TM178		0.519 #	3.58 #
Benzo(k)fluoranthene (aq)	<0.027 µg/l	TM178		0.596 #	2.19 #
Benzo(a)pyrene (aq)	<0.009 µg/l	TM178		0.69 #	2.17 #
Dibenzo(a,h)anthracene (aq)	<0.016 µg/l	TM178		0.12 #	0.429 #
Benzo(g,h,i)perylene (aq)	<0.016 µg/l	TM178		0.461 #	1.53 #
Indeno(1,2,3-cd)pyrene (aq)	<0.014 µg/l	TM178		0.381 #	1.33 #
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	<0.1 µg/l	TM178		6.65 #	52.6 #

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH401	BH410
			Depth (m)		
			Sample Type	Water(GW/SW)	Water(GW/SW)
			Date Sampled	17/11/2010	17/11/2010
			Date Received	20/11/2010	20/11/2010
			SDG Ref	101122-58	101122-58
			Lab Sample No.(s)	2451453	2451460
			AGS Reference		
1,2,4-Trichlorobenzene (aq)	<1 µg/l	TM176		<1	<1
1,2-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1
1,3-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1
1,4-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1
2,4,5-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1
2,4,6-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1
2,4-Dichlorophenol (aq)	<1 µg/l	TM176		<1	<1
2,4-Dimethylphenol (aq)	<1 µg/l	TM176		<1	<1
2,4-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1
2,6-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1
2-Chloronaphthalene (aq)	<1 µg/l	TM176		<1	<1
2-Chlorophenol (aq)	<1 µg/l	TM176		<1	<1
2-Methylnaphthalene (aq)	<1 µg/l	TM176		<1	<1
2-Methylphenol (aq)	<1 µg/l	TM176		<1	<1
2-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1
2-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1
3-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1
4-Bromophenylphenylether (aq)	<1 µg/l	TM176		<1	<1
4-Chloro-3-methylphenol (aq)	<1 µg/l	TM176		<1	<1
4-Chloroaniline (aq)	<1 µg/l	TM176		<1	<1
4-Chlorophenylphenylether (aq)	<1 µg/l	TM176		<1	<1
4-Methylphenol (aq)	<1 µg/l	TM176		<1	<1
4-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1
4-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1
Azobenzene (aq)	<1 µg/l	TM176		<1	<1
bis(2-Chloroethyl)ether (aq)	<1 µg/l	TM176		<1	<1
bis(2-Chloroethoxy)methane (aq)	<1 µg/l	TM176		<1	<1
bis(2-Ethylhexyl) phthalate (aq)	<2 µg/l	TM176		<5	<2
Butylbenzyl phthalate (aq)	<1 µg/l	TM176		<1	<1
Benzo(k)fluoranthene (aq)	<1 µg/l	TM176		<1	<1
Carbazole (aq)	<1 µg/l	TM176		<1	<1
Dibenzofuran (aq)	<1 µg/l	TM176		<1	<1
n-Dibutyl phthalate (aq)	<1 µg/l	TM176		<1	<1
Diethyl phthalate (aq)	<1 µg/l	TM176		<1	<1
Dimethyl phthalate (aq)	<1 µg/l	TM176		<1	<1
n-Dioctyl phthalate (aq)	<5 µg/l	TM176		<5	<5
Hexachlorobenzene (aq)	<1 µg/l	TM176		<1	<1
Hexachlorobutadiene (aq)	<1 µg/l	TM176		<1	<1
Pentachlorophenol (aq)	<1 µg/l	TM176		<1	<1

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH401	BH410
			Depth (m)		
			Sample Type	Water(GW/SW)	Water(GW/SW)
			Date Sampled	17/11/2010	17/11/2010
			Date Received	20/11/2010	20/11/2010
			SDG Ref	101122-58	101122-58
			Lab Sample No.(s)	2451453	2451460
			AGS Reference		
Phenol (aq)	<1 µg/l	TM176		<1	<1
n-Nitroso-n-dipropylamine (aq)	<1 µg/l	TM176		<1	<1
Hexachloroethane (aq)	<1 µg/l	TM176		<1	<1
Nitrobenzene (aq)	<1 µg/l	TM176		<1	<1
Isophorone (aq)	<1 µg/l	TM176		<1	<1
Hexachlorocyclopentadiene (aq)	<1 µg/l	TM176		<1	<1
Indeno(1,2,3-cd)pyrene (aq)	<1 µg/l	TM176		<1	<1
SVOC TIC (aq)	-	TM176		No TIC's identified	See Attached

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

TPH CWG (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH401	BH410
			Depth (m)		
			Sample Type	Water(GW/SW)	Water(GW/SW)
			Date Sampled	17/11/2010	17/11/2010
			Date Received	20/11/2010	20/11/2010
			SDG Ref	101122-58	101122-58
			Lab Sample No.(s)	2451453	2451460
			AGS Reference		
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174		396	3370
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174		<10	665
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174		<10	81
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174		<10	734
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174		<10	316
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174		339	475
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174		57	466
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174		339	1870
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174		57	863
Total Aliphatics & Aromatics >C12-C35 (Aqueous)	<10 µg/l	TM174		396	2740
Aliphatics >C5-C6	<10 µg/l	TM245		<10	<10
Aliphatics >C6-C8	<10 µg/l	TM245		<10	<10
Aliphatics >C8-C10	<10 µg/l	TM245		<10	42
Aliphatics >C10-C12	<10 µg/l	TM245		<10	321
Aromatics >EC5-EC7	<10 µg/l	TM245		<10	<10
Aromatics >EC7-EC8	<10 µg/l	TM245		<10	<10
Aromatics >EC8-EC10	<10 µg/l	TM245		<10	45
Aromatics >EC10-EC12	<10 µg/l	TM245		<10	214

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.	BH401	BH410
Depth (m)		
Sample Type	Water(GW/SW)	Water(GW/SW)
Date Sampled	17/11/2010	17/11/2010
Date Received	20/11/2010	20/11/2010
SDG Ref	101122-58	101122-58
Lab Sample No.(s)	2451453	2451460
AGS Reference		

Component	LOD/Units	Method		
Dibromofluoromethane**	%	TM208	107	105
Toluene-d8**	%	TM208	98.4	99.1
4-Bromofluorobenzene**	%	TM208	95.3	97.6
Dichlorodifluoromethane	<7 µg/l	TM208	<7 #	<7 #
Chloromethane	<9 µg/l	TM208	<9 #	<9 #
Vinyl chloride	<1.2 µg/l	TM208	<1.2 #	<1.2 #
Bromomethane	<2 µg/l	TM208	<2 #	<2 #
Chloroethane	<2.5 µg/l	TM208	<2.5 #	<2.5 #
Trichlorofluoromethane	<1.3 µg/l	TM208	<1.3 #	<1.3 #
1,1-Dichloroethene	<1.2 µg/l	TM208	<1.2 #	<1.2 #
Carbon disulphide	<1.3 µg/l	TM208	<1.3 #	<1.3 #
Dichloromethane	<3.7 µg/l	TM208	<3.7 #	<3.7 #
Methyl tertiary butyl ether (MTBE)	<1.6 µg/l	TM208	<1.6 #	<1.6 #
trans-1,2-Dichloroethene	<1.9 µg/l	TM208	<1.9 #	<1.9 #
1,1-Dichloroethane	<1.2 µg/l	TM208	<1.2 #	<1.2 #
cis-1,2-Dichloroethene	<2.3 µg/l	TM208	<2.3 #	<2.3 #
2,2-Dichloropropane	<3.8 µg/l	TM208	<3.8 #	<3.8 #
Bromochloromethane	<1.9 µg/l	TM208	<1.9 #	<1.9 #
Chloroform	<1.8 µg/l	TM208	<1.8 #	<1.8 #
1,1,1-Trichloroethane	<1.3 µg/l	TM208	<1.3 #	<1.3 #
1,1-Dichloropropene	<1.3 µg/l	TM208	<1.3 #	<1.3 #
Carbontetrachloride	<1.4 µg/l	TM208	<1.4 #	<1.4 #
1,2-Dichloroethane	<3.3 µg/l	TM208	<3.3	<3.3
Benzene	<1.3 µg/l	TM208	<1.3 #	<1.3 #
Trichloroethene	<2.5 µg/l	TM208	<2.5 #	<2.5 #
1,2-Dichloropropane	<3 µg/l	TM208	<3 #	<3 #
Dibromomethane	<2.7 µg/l	TM208	<2.7 #	<2.7 #
Bromodichloromethane	<0.9 µg/l	TM208	<0.9 #	<0.9 #
cis-1,3-Dichloropropene	<1.9 µg/l	TM208	<1.9 #	<1.9 #
Toluene	<1.4 µg/l	TM208	<1.4 #	<1.4 #
trans-1,3-Dichloropropene	<3.5 µg/l	TM208	<3.5 #	<3.5 #
1,1,2-Trichloroethane	<2.2 µg/l	TM208	<2.2 #	<2.2 #
1,3-Dichloropropane	<2.2 µg/l	TM208	<2.2 #	<2.2 #
Tetrachloroethene	<1.5 µg/l	TM208	<1.5 #	<1.5 #
Dibromochloromethane	<1.7 µg/l	TM208	<1.7 #	<1.7 #
1,2-Dibromoethane	<2.3 µg/l	TM208	<2.3 #	<2.3 #
Chlorobenzene	<3.5 µg/l	TM208	<3.5 #	<3.5 #
1,1,1,2-Tetrachloroethane	<1.3 µg/l	TM208	<1.3 #	<1.3 #
Ethylbenzene	<2.5 µg/l	TM208	<2.5 #	6.89 #

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH401	BH410
			Depth (m)		
			Sample Type	Water(GW/SW)	Water(GW/SW)
			Date Sampled	17/11/2010	17/11/2010
			Date Received	20/11/2010	20/11/2010
			SDG Ref	101122-58	101122-58
			Lab Sample No.(s)	2451453	2451460
			AGS Reference		
m,p-Xylene	<2.5 µg/l	TM208		<2.5 #	5.65 #
o-Xylene	<1.7 µg/l	TM208		<1.7 #	4.23 #
Styrene	<1.2 µg/l	TM208		<1.2 #	<1.2 #
Bromoform	<3 µg/l	TM208		<3 #	<3 #
Isopropylbenzene	<1.4 µg/l	TM208		<1.4 #	1.49 #
1,1,2,2-Tetrachloroethane	<5.2 µg/l	TM208		<5.2	<5.2
1,2,3-Trichloropropane	<7.8 µg/l	TM208		<7.8 #	<7.8 #
Bromobenzene	<2 µg/l	TM208		<2 #	<2 #
Propylbenzene	<2.6 µg/l	TM208		<2.6 #	<2.6 #
2-Chlorotoluene	<1.9 µg/l	TM208		<1.9 #	<1.9 #
1,3,5-Trimethylbenzene	<1.8 µg/l	TM208		<1.8 #	3.71 #
4-Chlorotoluene	<1.9 µg/l	TM208		<1.9 #	<1.9 #
tert-Butylbenzene	<2 µg/l	TM208		<2 #	<2 #
1,2,4-Trimethylbenzene	<1.7 µg/l	TM208		<1.7 #	10.2 #
sec-Butylbenzene	<1.7 µg/l	TM208		<1.7 #	<1.7 #
4-iso-Propyltoluene	<2.6 µg/l	TM208		<2.6 #	<2.6 #
1,3-Dichlorobenzene	<2.2 µg/l	TM208		<2.2 #	<2.2 #
1,4-Dichlorobenzene	<2.7 µg/l	TM208		<2.7 #	<2.7 #
n-Butylbenzene	<2 µg/l	TM208		<2 #	<2 #
1,2-Dichlorobenzene	<3.7 µg/l	TM208		<3.7	<3.7
1,2-Dibromo-3-chloropropane	<9.8 µg/l	TM208		<9.8	<9.8
1,2,4-Trichlorobenzene	<2.3 µg/l	TM208		<2.3 #	<2.3 #
Hexachlorobutadiene	<2.5 µg/l	TM208		<2.5 #	<2.5 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208		<1 #	<1 #
Naphthalene	<3.5 µg/l	TM208		<3.5 #	272 #
1,2,3-Trichlorobenzene	<3.1 µg/l	TM208		<3.1 #	<3.1 #
1,3,5-Trichlorobenzene	<10 µg/l	TM208		<10	<10
VOC TIC	-	TM208		No TIC's identified	See Attached

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

ASSOCIATED AQC DATA

Ammonium

Component	Method Code	QC 25
Ammoniacal Nitrogen as N	TM099	**100.68** 97.38 : 106.13

Anions by ion Chromatography

Component	Method Code	QC 20
Bromide (W)	TM226	**100.70** 87.20 : 117.98
Chloride (W)	TM226	**101.10** 87.93 : 118.97
Fluoride (W)	TM226	**101.42** 85.99 : 116.34
Nitrate (W)	TM226	**98.79** 85.72 : 115.98
Nitrite (W)	TM226	**104.04** 88.58 : 119.84
Phosphate (W)	TM226	**99.19** 86.12 : 116.51
Sulphate (W)	TM226	**100.41** 87.56 : 118.46

Anions by Kone (w)

Component	Method Code	QC 20
Chloride	TM184	**100.90** 92.01 : 104.18
Nitrite as NO2	TM184	**98.80** 92.92 : 105.47
Phosphate (Ortho as PO4)	TM184	**103.12** 95.51 : 106.92
Sulphate (soluble)	TM184	**102.16** 95.09 : 105.03
TON as NO3	TM184	**104.03** 93.27 : 107.89

Conductivity (at 20 deg.C)

Component	Method Code	QC 25
Conductivity (at 20 deg.C)	TM120	**99.22** 96.85 : 101.66

Cyanide Comp/Free/Total/Thiocyanate

Component	Method Code	QC 21
Free Cyanide (W)	TM227	**99.40** 87.13 : 117.88
Thiocyanate (W)	TM227	**99.58** 84.79 : 114.71

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

		QC 21
Total Cyanide (W)	TM227	**100.65** 87.76 : 118.74

Dissolved Metals by ICP-MS

Component	Method Code	QC 22
Aluminium	TM152	**101.35** 85.00 : 115.00
Antimony	TM152	**100.12** 85.00 : 115.00
Arsenic	TM152	**104.95** 85.00 : 115.00
Barium	TM152	**108.72** 85.00 : 115.00
Beryllium	TM152	**101.24** 85.00 : 115.00
Bismuth	TM152	**105.97** 85.00 : 115.00
Boron	TM152	**101.31** 85.00 : 115.00
Cadmium	TM152	**103.36** 85.00 : 115.00
Chromium	TM152	**103.19** 85.00 : 115.00
Cobalt	TM152	**103.19** 85.00 : 115.00
Copper	TM152	**102.41** 85.00 : 115.00
Lead	TM152	**105.03** 85.00 : 115.00
Lithium	TM152	**102.89** 85.00 : 115.00
Manganese	TM152	**103.13** 85.00 : 115.00
Molybdenum	TM152	**98.24** 85.00 : 115.00
Nickel	TM152	**103.01** 85.00 : 115.00
Phosphorus	TM152	**101.75** 85.00 : 115.00
Selenium	TM152	**104.96** 85.00 : 115.00
Silver	TM152	**105.59** 85.00 : 115.00
Strontium	TM152	**100.48** 85.00 : 115.00
Tellurium	TM152	**107.61** 85.00 : 115.00
Thallium	TM152	**107.59** 85.00 : 115.00
Tin	TM152	**105.77** 85.00 : 115.00
Titanium	TM152	**103.16** 85.00 : 115.00
Uranium	TM152	**98.60** 85.00 : 115.00

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

		QC 22
Vanadium	TM152	**104.77** 85.00 : 115.00
Zinc	TM152	**102.63** 85.00 : 115.00

EPH (DRO) (C10-C40) Aqueous (W)

Component	Method Code	QC 26
EPH (DRO) (C10-C40)	TM172	**89.01** 66.32 : 108.71

EPH CWG (Aliphatic) Aqueous GC (W)

Component	Method Code	QC 24
Total Aliphatics >C12-C35	TM174	**82.75** 77.43 : 102.04

EPH CWG (Aromatic) Aqueous GC (W)

Component	Method Code	QC 27
Total Aromatics >EC12-EC35	TM174	**104.51** 70.83 : 112.31

Mercury Dissolved

Component	Method Code	QC 20
Mercury Dissolved (CVAF)	TM183	**90.50** 79.41 : 116.68

Metals by iCap-OES Dissolved (W)

Component	Method Code	QC 22
Calcium	TM228	**91.74** 81.78 : 115.59
Iron	TM228	**87.04** 81.04 : 106.35
Magnesium	TM228	**89.69** 81.62 : 113.40
Potassium	TM228	**94.88** 81.27 : 112.71
Sodium	TM228	**94.57** 81.34 : 114.58

PAH Spec MS - Aqueous (W)

Component	Method Code	QC 24
Acenaphthene by GCMS	TM178	**93.89** 82.69 : 106.11
Acenaphthylene by GCMS	TM178	**93.86** 82.16 : 104.82

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

		QC 24
Anthracene by GCMS	TM178	**87.80** 77.85 : 105.75
Benz(a)anthracene by GCMS	TM178	**89.93** 75.32 : 108.18
Benzo(a)pyrene by GCMS	TM178	**102.69** 84.44 : 113.48
Benzo(b)fluoranthene by GCMS	TM178	**108.66** 87.25 : 114.25
Benzo(ghi)perylene by GCMS	TM178	**104.19** 82.05 : 112.05
Benzo(k)fluoranthene by GCMS	TM178	**113.54** 87.20 : 122.40
Chrysene by GCMS	TM178	**100.15** 83.22 : 112.82
Dibenzo(ah)anthracene by GCMS	TM178	**92.61** 72.40 : 118.55
Fluoranthene by GCMS	TM178	**92.41** 87.00 : 105.75
Fluorene by GCMS	TM178	**94.24** 83.12 : 110.71
Indeno(123cd)pyrene by GCMS	TM178	**100.73** 82.25 : 114.75
Naphthalene by GCMS	TM178	**93.08** 84.07 : 108.07
Phenanthrene by GCMS	TM178	**96.21** 86.79 : 108.29
Pyrene by GCMS	TM178	**92.96** 84.55 : 108.55
Volume	TM178	**15000.00**

pH Value

Component	Method Code	QC 21
pH	TM256	**99.71** 98.71 : 100.43

Sulphide

Component	Method Code	QC 28
Sulphide	TM101	**100.13** 77.08 : 135.77

SVOC MS (W) - Aqueous

Component	Method Code	QC 25
4-Bromophenylphenylether	TM176	**99.83** 74.07 : 108.33
Benzo(a)anthracene	TM176	**104.65** 64.51 : 105.49
Benzo(a)pyrene	TM176	**95.23** 53.03 : 98.81

Validated

ALcontrol Laboratories Analytical Services

SDG:	101122-58	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105549

		QC 25
Butylbenzyl phthalate	TM176	**99.42** 63.86 : 115.28
Hexachlorobutadiene	TM176	**74.79** 45.86 : 100.88
Naphthalene	TM176	**100.89** 75.05 : 106.07
Nitrobenzene	TM176	**99.52** 69.60 : 106.80
Phenol	TM176	**70.84** 45.42 : 71.52

The above information details the reference name of the analytical quality control sample (AQC) that has been run with the samples contained in this report for the different methods of analysis.
The figure detailed is the percentage recovery result for the AQC.
The subscript numbers below are the percentage recovery lower control limit (LCL) and the upper control limit (UCL). The percentage recovery result for the AQC should be between these limits to be statistically in control.

Table of Results - Appendix

SDG Number : 101122-58 **Client :** H_WYG_MAN **Client Ref :** A64184

REPORT KEY

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10-7

NDP	No Determination Possible	#	ISO 17025 Accredited	*	Subcontracted Test	M	MCERTS Accredited
NFD	No Fibres Detected	PFD	Possible Fibres Detected	»	Result previously reported (Incremental reports only)	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control

Method No	Reference	Description	Wet/Dry Sample [1]	Surrogate Corrected
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples		
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)		
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser		
TM101	Method 4500B & C, AWWA/APHA, 20th Ed., 1999	Determination of Sulphide in soil and water samples using the Kone Analyser		
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter		
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS		
TM172	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	EPH in Waters		
TM174	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	Determination of Speciated Extractable Petroleum Hydrocarbons in Waters by GC-FID		
TM176	EPA 8270D Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of SVOCs in Water by GCMS		
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters		
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry		
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers		
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters		
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography		
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate		
TM228	US EPA Method 6010B	Determination of Major Cations in Water by iCap 6500 Duo ICP-OES		
TM245	By GC-FID	Determination of GRO by Headspace in waters		
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4.	Determination of pH in Water and Leachate using the GLpH pH Meter		
TM259		Determination of Phenols in Waters and Leachates by HPLC		

[1] Applies to Solid samples only. DRY indicates samples have been dried at 35°C. NA = not applicable.

ALcontrol Laboratories

VOC Tentatively Identified Compounds

Job Number - 101122-58
Customer - WYG Geo-Environment
Sample Identity - 2451560/ BH410[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 30/11/10
Date Reported - 30/11/10
Analyst - C tracey

Tentative Compound Identification	Retention Time min	Concentration µg/l
ethyl-methyl-Benzene Isomer	3.647	19
Indane	4.114	119
methyl-Indan Isomer	4.358	19
methyl-Benzofuran Isomer	4.459	17
methyl-Benzofuran Isomer	4.504	37
methyl-propenyl-Benzene Isomer	4.618	19
dihydro-methyl-Indene Isomer	4.690	32
Benzothiophene	5.027	56

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101122-58
Customer - H_WYG_MAN
Sample Identity - 2458876 /2546285-BH410[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 29/11/10
Date Reported - 01/12/10
Analyst - AH

Tentative Compound Identification	Retention Time min	Concentration µg/l
Matrix raised(Low Hydrocarbon)	-	950

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

APPENDIX

APPENDIX

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA Leach tests, flash point, ammonium as NH_4 by the BRE method, VOC TICS, SVOC TICS, TOF-MS SCAN/SEARCH and TOF-MS TICS.
2. Samples will be run in duplicate upon request, but an additional charge may be incurred.
3. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for both soil jars, tubs and volatile jars. All waters and vials will be discarded 10 days after the analysis is completed (e-mailed). All material removed during an asbestos containing material screen and analysed for the presence of asbestos will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALcontrol Laboratories reserve the right to charge for samples received and stored but not analysed.
4. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.
5. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.
6. When requested, the individual sub sample scheduled will be screened in house for the presence of large asbestos containing material fragments/pieces. If no asbestos containing material is found this will be reported as 'no asbestos containing material detected'. If asbestos containing material is detected it will be removed and analysed by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If asbestos containing material is present no further analysis will be undertaken. At no point is the fibre content of the soil sample determined.
7. If no separate volatile sample is supplied by the client, the integrity of the data may be compromised if the laboratory is required to create a sub-sample from the bulk sample – similarly, if a headspace or sediment is present in the volatile sample. This will be flagged up as an invalid VOC on the test schedule or recorded on the log sheet.
8. If appropriate preserved bottles are not received preservation will take place on receipt. However, the integrity of the data may be compromised.
9. NDP – No determination possible due to insufficient/unsuitable sample.
10. Metals in water are performed on a filtered sample, and therefore represent dissolved metals – total metals must be requested separately.
11. A table containing the date of analysis for each parameter is not routinely included with the report, but is available upon request.
12. Results relate only to the items tested
13. **Surrogate recoveries** – Most of our organic methods include surrogates, the recovery of which is monitored and reported. For EPH, MO, PAH, GRO and VOCs on soils the result is not surrogate corrected, but a percentage recovery is quoted. Acceptable limits for most organic methods are 70 – 130 %.
14. **Product analyses** – Organic analyses on products can only be semi-quantitative due to the matrix effects and high dilution factors employed.
15. Phenols monohydric by HPLC include phenol, cresols (2-Methylphenol, 3-Methylphenol and 4-Methylphenol) and Xylenols (2,3 Dimethylphenol, 2,4 Dimethylphenol, 2,5 Dimethylphenol, 2,6 Dimethylphenol, 3,4 Dimethyphenol, 3,5 Dimethylphenol).
16. Total of 5 speciated phenols by HPLC includes Phenol, 2,3,5-Trimethyl Phenol, 2-Isopropylphenol, Cresols and Xylenols (as detailed in 14).
17. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.
18. Our MCERTS accreditation for PAHs by GCMS applies to all product types apart from Kerosene, where naphthalene only is not accredited.
19. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.
19. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.
20. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.
21. For all leachate preparations (NRA, DIN, TCLP, BSEN 12457-1, 2, 3) volatile loss may occur, as we do not employ zero headspace extraction.
22. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials – whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
23. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C4 – C10 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

LIQUID MATRICES EXTRACTION SUMMARY

ANALYSIS	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
PAH MS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
EPH	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
EPH CWG	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
MINERAL OIL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
PCB 7 CONGENERS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
PCB TOTAL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GS MS
SVOC	DCM	LIQUID/LIQUID SHAKE	GC MS
FREE SULPHUR	DCM	SOLID PHASE EXTRACTION	HPLC
PEST OCP/OPP	DCM	LIQUID/LIQUID SHAKE	GC MS
TRIAZINE HERBS	DCM	LIQUID/LIQUID SHAKE	GC MS
PHENOLS MS	DCM	SOLID PHASE EXTRACTION	GC MS
TPH by INFRA RED (IR)	TCE	LIQUID/LIQUID EXTRACTION	HPLC
MINERAL OIL by IR	TCE	LIQUID/LIQUID EXTRACTION	HPLC
GLYCOLS	NONE	DIRECT INJECTION	GC FID

SOLID MATRICES EXTRACTION SUMMARY

ANALYSIS	D/C OR WET	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
Solvent Extractable Matter	D&C	DCM	SOXTHERM	GRAVIMETRIC
Cyclohexane Ext. Matter	D&C	CYCLOHEXANE	SOXTHERM	GRAVIMETRIC
Thin Layer Chromatography	D&C	DCM	SOXTHERM	IATROSCAN
Elemental Sulphur	D&C	DCM	SOXTHERM	HPLC
Phenols by GCMS	WET	DCM	SOXTHERM	GC-MS
Herbicides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
Pesticides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
EPH (DRO)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Min oil)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Cleaned up)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH CWG by GC	D&C	HEXANE:ACETONE	END OVER END	GC-FID
PCB tot / PCB con	D&C	HEXANE:ACETONE	END OVER END	GC-MS
Polyaromatic Hydrocarbons (MS)	WET	HEXANE:ACETONE	Microwave TM218.	GC-MS
C8-C40 (C6-C40)EZ Flash	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Polyaromatic Hydrocarbons Rapid GC	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Semi Volatile Organic Compounds	WET	DCM:ACETONE	SONICATE	GC-MS

Identification of Asbestos in Bulk Materials

The results for asbestos identification for soil samples are obtained from possible Asbestos Containing Material, removed during the 'Screening of soils for Asbestos Containing Materials', which have been examined to determine the presence of asbestos fibres using Alcontrol Laboratories (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Visual Estimation Of Fibre Content.

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: -

Trace – Where only one or two asbestos fibres were identified.

Further guidance on typical asbestos fibre content of manufactured products can be found in MDHS 100.

The identification of asbestos containing materials falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

ALcontrol Laboratories

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Website: www.alcontrol.com

Attention: Simon Johnson

CERTIFICATE OF ANALYSIS

Date:	30 November 2010		
Customer:	H_WYG_MAN-29		
Sample Delivery Group (SDG):	101115-18	**Report No.:**	105365
Your Reference:	A64184		
Location:	Openshaw West		

We received 6 samples on Saturday November 13, 2010 and 6 of these samples were scheduled for analysis which was completed on Tuesday November 30, 2010. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

All chemical testing (unless subcontracted) is performed at ALcontrol Hawarden Laboratories.

Asbestos testing - we are not accredited for screening soil samples for asbestos fibres. We are only accredited to identify asbestos fibres in bulk material (ACM).

Approved By:

Iain Swinton

Business Director - Land, UK & Ireland

UKAS TESTING
1291

GROUP

Alcontrol Laboratories is a trading division of ALcontrol UK Limited
Registered Office: Units 7 & 8 Hawarden Business Park, Manor Road, Hawarden, Deeside, CH5 3US. Registered in England and Wales No. 4057291.

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105365

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
2401166	BH409A			12/11/2010
2400735	BHS307			12/11/2010
2401305	DUP B			12/11/2010
2401218	RSD			12/11/2010
2401291	RSU			12/11/2010
2400715	TRIP BLANK			12/11/2010

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105365

LIQUID

Results Legend

X Test

N No Determination Possible

Lab Sample No(s)			2400715	2401218							2401291							2401305							2400735							2401166						
Customer Sample Ref.			TRIP	RSD							RSU							DUP B							BHS307							BH409A						
AGS Ref.																																					
Depth (m)																																					
Container			Vial	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc
Alkalinity as CaCO3	All	NDPs: 0 Tests: 5		X							X							X							X							X						
Ammonium	All	NDPs: 0 Tests: 5			X							X							X							X							X					
Anions by ion Chromatography	All	NDPs: 0 Tests: 2																								X							X					
Anions by Kone (w)	All	NDPs: 0 Tests: 4		X							X							X															X					
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 2																								X							X					
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 5						X						X							X							X							X			
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 5					X						X							X							X							X				
EPH (DRO) (C10-C40) Aqueous (W)	All	NDPs: 0 Tests: 5		X							X							X							X							X						
EPH CWG (Aliphatic) Aqueous GC (W)	All	NDPs: 0 Tests: 5		X							X							X							X							X						
EPH CWG (Aromatic) Aqueous GC (W)	All	NDPs: 0 Tests: 5		X							X							X							X							X						
GRO by GC-FID (W)	All	NDPs: 0 Tests: 5							X							X							X							X							X
Low Level Phenols by HPLC (W)	All	NDPs: 0 Tests: 4						X						X							X							X							X			
Mercury Dissolved	All	NDPs: 0 Tests: 5		X							X							X							X							X						
Metals by iCap-OES Dissolved (W)	All	NDPs: 0 Tests: 4					X						X							X							X							X			
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 5		X							X							X							X							X						
pH Value	All	NDPs: 0 Tests: 5			X							X							X							X							X					

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105365

LIQUID

Results Legend

X — Test

N — No Determination Possible

			2400715	2401218							2401291							2401305							2400735							2401166						
	Lab Sample No(s)																																					
	Customer Sample Ref.		TRIP	RSD							RSU							DUP B							BHS307							BH409A						
	AGS Ref.																																					
	Depth (m)																																					
	Container		Vial	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc
Phenols by HPLC (W)	All	NDPs: 0 Tests: 1																							X												
Sulphide	All	NDPs: 0 Tests: 5								X						X							X						X								X
SVOC MS (W) - Aqueous	All	NDPs: 0 Tests: 5		X							X							X							X							X						
TPH CWG (W)	All	NDPs: 0 Tests: 5		X							X							X							X							X						
VOC MS (W)	All	NDPs: 0 Tests: 6	X						X							X							X						X							X	

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

Test Completion Dates

Lab Sample No(s)	2401166	2400735	2401305	2401218	2401291	2400715
Customer Sample Ref.	BH409A	BHS307	DUP B	RSD	RSU	TRIP BLANK
AGS Ref.						
Depth						
Type	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Alkalinity as CaCO3	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	
Ammonium	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010	
Anions by ion Chromatography	26/11/2010	25/11/2010				
Anions by Kone (w)	16/11/2010		17/11/2010	17/11/2010	17/11/2010	
Conductivity (at 20 deg.C)	26/11/2010	25/11/2010				
Cyanide Comp/Free/Total/Thiocyanate	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	
Dissolved Metals by ICP-MS	17/11/2010	17/11/2010	17/11/2010	17/11/2010	17/11/2010	
EPH (DRO) (C10-C40) Aqueous (W)	20/11/2010	19/11/2010	19/11/2010	20/11/2010	19/11/2010	
EPH CWG (Aliphatic) Aqueous GC (W)	22/11/2010	22/11/2010	22/11/2010	22/11/2010	19/11/2010	
EPH CWG (Aromatic) Aqueous GC (W)	22/11/2010	22/11/2010	22/11/2010	22/11/2010	19/11/2010	
GRO by GC-FID (W)	23/11/2010	24/11/2010	23/11/2010	23/11/2010	23/11/2010	
Low Level Phenols by HPLC (W)	17/11/2010		17/11/2010	17/11/2010	17/11/2010	
Mercury Dissolved	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	
Metals by iCap-OES Dissolved (W)	30/11/2010	30/11/2010		30/11/2010	30/11/2010	
PAH Spec MS - Aqueous (W)	22/11/2010	23/11/2010	19/11/2010	18/11/2010	18/11/2010	
pH Value	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	
Phenols by HPLC (W)		18/11/2010				
Sulphide	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	
SVOC MS (W) - Aqueous	21/11/2010	21/11/2010	21/11/2010	21/11/2010	23/11/2010	
TPH CWG (W)	29/11/2010	29/11/2010	29/11/2010	29/11/2010	29/11/2010	
VOC MS (W)	22/11/2010	23/11/2010	22/11/2010	22/11/2010	22/11/2010	22/11/2010

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	Depth (m)	Sample Type	Date Sampled	Date Received	SDG Ref	Lab Sample No.(s)	AGS Reference
			BH409A		Water(GW/SW)	12/11/2010	13/11/2010	101115-18	2401166	
			BHS307		Water(GW/SW)	12/11/2010	13/11/2010	101115-18	2400735	
			DUP B		Water(GW/SW)	12/11/2010	13/11/2010	101115-18	2401305	
			RSD		Water(GW/SW)	12/11/2010	13/11/2010	101115-18	2401218	
			RSU		Water(GW/SW)	12/11/2010	13/11/2010	101115-18	2401291	
Alkalinity, Total as CaCO3	<2 mg/l	TM043	305 #		175 #		70 #		70 #	75 #
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099	<0.2 #		3.48 #		<0.2 #		<0.2 #	<0.2 #
Sulphide	<0.01 mg/l	TM101	<0.01 #		191 #		<0.01 #		<0.01 #	<0.01 #
Conductivity @ 20 deg.C	<0.014 mS/cm	TM120	2.12 #		4.08 #					
Antimony (diss.filt)	<0.16 µg/l	TM152	44.9 #		0.2 #		0.761 #		0.8 #	0.746 #
Arsenic (diss.filt)	<0.12 µg/l	TM152	187 #		25.2 #		1.37 #		2.77 #	1.33 #
Boron (diss.filt)	<9.4 µg/l	TM152	227 #		142 #		32.2 #		32.9 #	33.8 #
Cadmium (diss.filt)	<0.1 µg/l	TM152	2.78 #		<0.1 #		<0.1 #		<0.1 #	<0.1 #
Chromium (diss.filt)	<0.22 µg/l	TM152	5.78 #		5.56 #		8.23 #		8.58 #	1.78 #
Copper (diss.filt)	<0.85 µg/l	TM152	165 #		89.5 #		4.68 #		10.1 #	4.5 #
Lead (diss.filt)	<0.02 µg/l	TM152	40.6 #		2.25 #		3.52 #		3.54 #	3.54 #
Nickel (diss.filt)	<0.15 µg/l	TM152	26.3 #		11.4 #		2.91 #		2.99 #	2.87 #
Selenium (diss.filt)	<0.39 µg/l	TM152	56.8 #		157 #		<0.39 #		19.3 #	<0.39 #
Vanadium (diss.filt)	<0.24 µg/l	TM152	5.88 #		22.1 #		0.768 #		1.06 #	0.995 #
Zinc (diss.filt)	<0.41 µg/l	TM152	1960 #		1460 #		16.7 #		18.5 #	15.9 #
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172	<46 #		906 #		<46 #		<46 #	<46 #
EPH Band >C10-C20 (aq)	<10 µg/l	TM172	<10		711		<10		<10	<10
EPH Band >C20-C30 (aq)	<10 µg/l	TM172	<10		90.6		<10		<10	<10
EPH Band >C30-C40 (aq)	<10 µg/l	TM172	<10		103		<10		<10	<10
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01 #		<0.01 #		<0.01 #		<0.01 #	<0.01 #
Sulphate	<3 mg/l	TM184	1090 #				29.2 #		29 #	27.6 #
Chloride	<0.08 mg/l	TM226	52 #		62.5 #					
Sulphate	<0.1 mg/l	TM226			2340 #					
Cyanide, Total	<0.05 mg/l	TM227	<0.05 #		<0.05 #		<0.05 #		<0.05 #	<0.05 #
Calcium (diss.filt)	<0.012 mg/l	TM228	682		560					
Magnesium (diss.filt)	<0.036 mg/l	TM228	8.14		2.06					
Hardness, Total as CaCO3	<1 mg/l	TM228							92.8	92.1
pH	<1 pH Units	TM256	7.62 #		8.74 #		7.98 #		8.03 #	8.06 #
Resorcinol (low level)	<0.5 µg/l	TM259	<0.5				<0.5		<0.5	<0.5
Catechol (low level)	<0.5 µg/l	TM259	<0.5				<0.5		<0.5	<0.5
Resorcinol	<0.01 mg/l	TM259			<0.01					
Catechol	<0.01 mg/l	TM259			<0.01					
Phenol (low level)	<0.5 µg/l	TM259	<0.5				<0.5		<0.5	<0.5
Cresols (low level)	<0.5 µg/l	TM259	<0.5				<0.5		<0.5	<0.5
Phenol	<0.002 mg/l	TM259			2.44 #					
Cresols	<0.006 mg/l	TM259			<0.006 #					
Xylenols (low level)	<0.5 µg/l	TM259	<0.5				<0.5		<0.5	<0.5
1-Napthol (low level)	<0.5 µg/l	TM259	<0.5				<0.5		<0.5	<0.5
Xylenols	<0.008 mg/l	TM259			<0.008 #					

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH409A	BHS307	DUP B	RSD	RSU
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			Date Received	13/11/2010	13/11/2010	13/11/2010	13/11/2010	13/11/2010
			SDG Ref	101115-18	101115-18	101115-18	101115-18	101115-18
			Lab Sample No.(s)	2401166	2400735	2401305	2401218	2401291
			AGS Reference					
1-Naphthol	<0.01 mg/l	TM259			<0.01 #			
2,3,5-Trimethylphenol (low level)	<0.5 µg/l	TM259		<0.5		<0.5	<0.5	<0.5
2,3,5-Trimethylphenol	<0.003 mg/l	TM259			<0.003 #			
2-Isopropylphenol (low level)	<0.5 µg/l	TM259		<0.5		<0.5	<0.5	<0.5
2-Isopropylphenol	<0.006 mg/l	TM259			<0.006 #			
Phenols, Total monohydric (low level)	<0.5 µg/l	TM259		<0.5		<0.5	<0.5	<0.5
Phenols, Total 5 speciated (low level)	<0.5 µg/l	TM259		<0.5		<0.5	<0.5	<0.5
Phenols, Total monohydric	<0.015 mg/l	TM259			2.44 #			
Phenols, Total 5 speciated	<0.025 mg/l	TM259			2.44			
Phenols, Total 8 speciated	<0.075 mg/l	TM259			2.44			

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

GRO by GC-FID (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH409A	BHS307	DUP B	RSD	RSU
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			Date Received	13/11/2010	13/11/2010	13/11/2010	13/11/2010	13/11/2010
			SDG Ref	101115-18	101115-18	101115-18	101115-18	101115-18
			Lab Sample No.(s)	2401166	2400735	2401305	2401218	2401291
			AGS Reference					
GRO Surrogate % recovery**	%	TM245		82	0	81	80	83
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245		<3 #	<3	<3 #	<3 #	<3 #
Benzene	<7 µg/l	TM245		<7 #	<7	<7 #	<7 #	<7 #
Toluene	<4 µg/l	TM245		<4 #	53	<4 #	<4 #	<4 #
Ethylbenzene	<5 µg/l	TM245		<5 #	<5	<5 #	<5 #	<5 #
m,p-Xylene	<8 µg/l	TM245		<8 #	<8	<8 #	<8 #	<8 #
o-Xylene	<3 µg/l	TM245		<3 #	<3	<3 #	<3 #	<3 #
GRO >C10-C12	<10 µg/l	TM245		<10	517	<10	<10	<10
Aliphatics >C5-C6	<10 µg/l	TM245		<10	14	<10	<10	<10
Aliphatics >C6-C8	<10 µg/l	TM245		<10	21	<10	<10	<10
Aliphatics >C8-C10	<10 µg/l	TM245		<10	21400	<10	<10	<10
Aliphatics >C10-C12	<10 µg/l	TM245		<10	310	<10	<10	<10
Aromatics >EC5-EC7	<10 µg/l	TM245		<10	<10	<10	<10	<10
Aromatics >EC7-EC8	<10 µg/l	TM245		<10	53	<10	<10	<10
Aromatics >EC8-EC10	<10 µg/l	TM245		<10	14300	<10	<10	<10
Aromatics >EC10-EC12	<10 µg/l	TM245		<10	207	<10	<10	<10
GRO >C5-C10	<10 µg/l	TM245		<10	35800	<10	<10	<10
m,p,o-Xylene	<10 µg/l	TM245		<10	<10	<10	<10	<10
BTEX, Total	<10 µg/l	TM245		<10	53	<10	<10	<10
GRO >C5-C12	<50 µg/l	TM245		<50 #	36300	<50 #	<50 #	<50 #

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

PAH Spec MS - Aqueous (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH409A	BHS307	DUP B	RSD	RSU
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			Date Received	13/11/2010	13/11/2010	13/11/2010	13/11/2010	13/11/2010
			SDG Ref	101115-18	101115-18	101115-18	101115-18	101115-18
			Lab Sample No.(s)	2401166	2400735	2401305	2401218	2401291
			AGS Reference					
Naphthalene (aq)	<0.1 µg/l	TM178		<0.1 #	516 #	<0.1 #	<0.1 #	<0.1 #
Acenaphthene (aq)	<0.015 µg/l	TM178		<0.015 #	1.12 #	<0.015 #	<0.015 #	<0.015 #
Acenaphthylene (aq)	<0.011 µg/l	TM178		<0.011 #	<0.22 #	<0.011 #	<0.011 #	<0.011 #
Fluoranthene (aq)	<0.014 µg/l	TM178		0.0229 #	1.56 #	0.0207 #	0.0207 #	0.0158 #
Anthracene (aq)	<0.015 µg/l	TM178		<0.015 #	0.606 #	<0.015 #	<0.015 #	<0.015 #
Phenanthrene (aq)	<0.022 µg/l	TM178		0.0263 #	1.95 #	<0.022 #	<0.022 #	<0.022 #
Fluorene (aq)	<0.014 µg/l	TM178		<0.014 #	0.587 #	<0.014 #	<0.014 #	<0.014 #
Chrysene (aq)	<0.013 µg/l	TM178		0.0134 #	<0.26 #	<0.013 #	<0.013 #	<0.013 #
Pyrene (aq)	<0.015 µg/l	TM178		0.0207 #	1.37 #	0.0239 #	0.0239 #	0.0189 #
Benzo(a)anthracene (aq)	<0.017 µg/l	TM178		0.0237 #	<0.34 #	0.0182 #	<0.017 #	<0.017 #
Benzo(b)fluoranthene (aq)	<0.023 µg/l	TM178		<0.023 #	<0.46 #	<0.023 #	<0.023 #	<0.023 #
Benzo(k)fluoranthene (aq)	<0.027 µg/l	TM178		<0.027 #	<0.54 #	<0.027 #	<0.027 #	<0.027 #
Benzo(a)pyrene (aq)	<0.009 µg/l	TM178		<0.009 #	<0.18 #	0.0126 #	0.0115 #	0.00989 #
Dibenzo(a,h)anthracene (aq)	<0.016 µg/l	TM178		<0.016 #	<0.32 #	<0.016 #	<0.016 #	<0.016 #
Benzo(g,h,i)perylene (aq)	<0.016 µg/l	TM178		<0.016 #	<0.32 #	<0.016 #	<0.016 #	<0.016 #
Indeno(1,2,3-cd)pyrene (aq)	<0.014 µg/l	TM178		<0.014 #	<0.28 #	<0.014 #	<0.014 #	<0.014 #
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	<0.1 µg/l	TM178		0.118 #	524 #	<0.1 #	<0.1 #	<0.1 #

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH409A	BHS307	DUP B	RSD	RSU
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			Date Received	13/11/2010	13/11/2010	13/11/2010	13/11/2010	13/11/2010
			SDG Ref	101115-18	101115-18	101115-18	101115-18	101115-18
			Lab Sample No.(s)	2401166	2400735	2401305	2401218	2401291
			AGS Reference					
1,2,4-Trichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
1,2-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	1.14	<1	<1	<1
1,3-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
1,4-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4,5-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4,6-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4-Dichlorophenol (aq)	<1 µg/l	TM176		<1	3.02	<1	<1	<1
2,4-Dimethylphenol (aq)	<1 µg/l	TM176		<1	6.05	<1	<1	<1
2,4-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,6-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Chloronaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Chlorophenol (aq)	<1 µg/l	TM176		<1	4.8	<1	<1	<1
2-Methylnaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Methylphenol (aq)	<1 µg/l	TM176		<1	14.2	<1	<1	<1
2-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
3-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Bromophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Chloro-3-methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Chloroaniline (aq)	<1 µg/l	TM176		<1	16.9	<1	<1	<1
4-Chlorophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Methylphenol (aq)	<1 µg/l	TM176		<1	21.5	<1	<1	<1
4-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<2
4-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Azobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
bis(2-Chloroethyl)ether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
bis(2-Chloroethoxy)methane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
bis(2-Ethylhexyl) phthalate (aq)	<2 µg/l	TM176		<2	<2	<2	<2	<2
Butylbenzyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Benzo(k)fluoranthene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Carbazole (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Dibenzofuran (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
n-Dibutyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Diethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Dimethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
n-Dioctyl phthalate (aq)	<5 µg/l	TM176		<5	<5	<5	<5	<5
Hexachlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Hexachlorobutadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Pentachlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<2

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH409A	BHS307	DUP B	RSD	RSU
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			Date Received	13/11/2010	13/11/2010	13/11/2010	13/11/2010	13/11/2010
			SDG Ref	101115-18	101115-18	101115-18	101115-18	101115-18
			Lab Sample No.(s)	2401166	2400735	2401305	2401218	2401291
			AGS Reference					
Phenol (aq)	<1 µg/l	TM176		<1	9.97	<1	<1	<1
n-Nitroso-n-dipropylamine (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Hexachloroethane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Nitrobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Isophorone (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Hexachlorocyclopentadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<2
Indeno(1,2,3-cd)pyrene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
SVOC TIC (aq)	-	TM176		No TIC's identified	See Attached	No TIC's identified	No TIC's identified	No TIC's identified

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

TPH CWG (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH409A	BHS307	DUP B	RSD	RSU
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			Date Received	13/11/2010	13/11/2010	13/11/2010	13/11/2010	13/11/2010
			SDG Ref	101115-18	101115-18	101115-18	101115-18	101115-18
			Lab Sample No.(s)	2401166	2400735	2401305	2401218	2401291
			AGS Reference					
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174		<10	36300	<10	<10	<10
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174		<10	22	<10	<10	<10
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174		<10	22	<10	<10	<10
Total Aliphatics & Aromatics >C12-C35 (Aqueous)	<10 µg/l	TM174		<10	22	<10	<10	<10

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH409A	BHS307	DUP B	RSD	RSU	TRIP BLANK
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			Date Received	13/11/2010	13/11/2010	13/11/2010	13/11/2010	13/11/2010	13/11/2010
			SDG Ref	101115-18	101115-18	101115-18	101115-18	101115-18	101115-18
			Lab Sample No.(s)	2401166	2400735	2401305	2401218	2401291	2400715
			AGS Reference						
Dibromofluoromethane**	%	TM208		108	109	111	109	109	111
Toluene-d8**	%	TM208		98.9	96.4	99.4	99.4	99.1	99
4-Bromofluorobenzene**	%	TM208		97.8	128	97.3	98.1	98.6	100
Dichlorodifluoromethane	<7 µg/l	TM208		<7 #	<7 #	<7 #	<7 #	<7 #	<7 #
Chloromethane	<9 µg/l	TM208		<9 #	<9 #	<9 #	<9 #	<9 #	<9 #
Vinyl chloride	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromomethane	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
Chloroethane	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
Trichlorofluoromethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloroethene	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Carbon disulphide	<1.3 µg/l	TM208		<1.3 #	64.9 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Dichloromethane	<3.7 µg/l	TM208		<3.7 #	<3.7 #	<3.7 #	<3.7 #	5.71 #	<3.7 #
Methyl tertiary butyl ether (MTBE)	<1.6 µg/l	TM208		<1.6 #	<1.6 #	<1.6 #	<1.6 #	<1.6 #	<1.6 #
trans-1,2-Dichloroethene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,1-Dichloroethane	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
cis-1,2-Dichloroethene	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
2,2-Dichloropropane	<3.8 µg/l	TM208		<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #
Bromochloromethane	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Chloroform	<1.8 µg/l	TM208		<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
1,1,1-Trichloroethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloropropene	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Carbontetrachloride	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,2-Dichloroethane	<3.3 µg/l	TM208		<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Benzene	<1.3 µg/l	TM208		<1.3 #	5.71 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Trichloroethene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
1,2-Dichloropropane	<3 µg/l	TM208		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Dibromomethane	<2.7 µg/l	TM208		<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
Bromodichloromethane	<0.9 µg/l	TM208		<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #
cis-1,3-Dichloropropene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Toluene	<1.4 µg/l	TM208		<1.4 #	50.5 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
trans-1,3-Dichloropropene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,2-Trichloroethane	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,3-Dichloropropane	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
Tetrachloroethene	<1.5 µg/l	TM208		<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #
Dibromochloromethane	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
1,2-Dibromoethane	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Chlorobenzene	<3.5 µg/l	TM208		<3.5 #	47100 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,1,2-Tetrachloroethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Ethylbenzene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref. / Depth (m) / Sample Type / Date Sampled / Date Received / SDG Ref / Lab Sample No.(s) / AGS Reference					
			BH409A	BHS307	DUP B	RSD	RSU	TRIP BLANK
			Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			13/11/2010	13/11/2010	13/11/2010	13/11/2010	13/11/2010	13/11/2010
			101115-18	101115-18	101115-18	101115-18	101115-18	101115-18
			2401166	2400735	2401305	2401218	2401291	2400715
m,p-Xylene	<2.5 µg/l	TM208	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
o-Xylene	<1.7 µg/l	TM208	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
Styrene	<1.2 µg/l	TM208	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromoform	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Isopropylbenzene	<1.4 µg/l	TM208	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,1,2,2-Tetrachloroethane	<5.2 µg/l	TM208	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
1,2,3-Trichloropropane	<7.8 µg/l	TM208	<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #
Bromobenzene	<2 µg/l	TM208	<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
Propylbenzene	<2.6 µg/l	TM208	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
2-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,3,5-Trimethylbenzene	<1.8 µg/l	TM208	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
4-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
tert-Butylbenzene	<2 µg/l	TM208	<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
1,2,4-Trimethylbenzene	<1.7 µg/l	TM208	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
sec-Butylbenzene	<1.7 µg/l	TM208	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
4-iso-Propyltoluene	<2.6 µg/l	TM208	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
1,3-Dichlorobenzene	<2.2 µg/l	TM208	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,4-Dichlorobenzene	<2.7 µg/l	TM208	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
n-Butylbenzene	<2 µg/l	TM208	<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
1,2-Dichlorobenzene	<3.7 µg/l	TM208	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7
1,2-Dibromo-3-chloropropane	<9.8 µg/l	TM208	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8
1,2,4-Trichlorobenzene	<2.3 µg/l	TM208	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Hexachlorobutadiene	<2.5 µg/l	TM208	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<3.5 µg/l	TM208	<3.5 #	364 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,2,3-Trichlorobenzene	<3.1 µg/l	TM208	<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #
1,3,5-Trichlorobenzene	<10 µg/l	TM208	<10	<10	<10	<10	<10	<10
VOC TIC	-	TM208	No TIC's identified	See Attached	No TIC's identified	No TIC's identified	No TIC's identified	No TIC's identified

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

ASSOCIATED AQC DATA

Alkalinity as CaCO3

Component	Method Code	QC 22	QC 26	QC 26
Total Alkalinity as CaCO3	TM043	**102.50** 95.50 : 104.50	**102.50** 95.50 : 104.50	**102.50** 95.50 : 104.50

Ammonium

Component	Method Code	QC 20
Ammoniacal Nitrogen as N	TM099	**101.50** 97.38 : 106.13

Anions by ion Chromatography

Component	Method Code	QC 22	QC 24	QC 20
Bromide (W)	TM226	**100.90** 87.20 : 117.98	**99.96** 87.20 : 117.98	**100.70** 87.20 : 117.98
Chloride (W)	TM226	**100.98** 87.93 : 118.97	**100.42** 87.93 : 118.97	**101.10** 87.93 : 118.97
Fluoride (W)	TM226	**99.69** 85.99 : 116.34	**100.71** 85.99 : 116.34	**101.42** 85.99 : 116.34
Nitrate (W)	TM226	**99.14** 85.72 : 115.98	**97.73** 85.72 : 115.98	**98.79** 85.72 : 115.98
Nitrite (W)	TM226	**103.11** 88.58 : 119.84	**103.20** 88.58 : 119.84	**104.04** 88.58 : 119.84
Phosphate (W)	TM226	**100.06** 86.12 : 116.51	**98.30** 86.12 : 116.51	**99.19** 86.12 : 116.51
Sulphate (W)	TM226	**100.62** 87.56 : 118.46	**99.46** 87.56 : 118.46	**100.41** 87.56 : 118.46

Anions by Kone (w)

Component	Method Code	QC 25	QC 26
Chloride	TM184	**97.90** 92.01 : 104.18	**101.60** 92.01 : 104.18
Nitrite as NO2	TM184	**98.00** 92.92 : 105.47	**101.40** 92.92 : 105.47
Phosphate (Ortho as PO4)	TM184	**103.56** 95.51 : 106.92	**102.76** 95.51 : 106.92
Sulphate (soluble)	TM184	**99.32** 95.09 : 105.03	**98.80** 95.09 : 105.03
TON as NO3	TM184	**99.42** 93.27 : 107.89	**99.79** 93.27 : 107.89

Conductivity (at 20 deg.C)

Component	Method Code	QC 20	QC 25
Conductivity (at 20 deg.C)	TM120	**98.67** 96.85 : 101.66	**99.22** 96.85 : 101.66

Validated

ALcontrol Laboratories Analytical Services

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

Cyanide Comp/Free/Total/Thiocyanate

Component	Method Code	QC 27
Free Cyanide (W)	TM227	**94.55** 87.13 : 117.88
Thiocyanate (W)	TM227	**92.20** 84.79 : 114.71
Total Cyanide (W)	TM227	**97.85** 87.76 : 118.74

Dissolved Metals by ICP-MS

Component	Method Code	QC 22
Aluminium	TM152	**102.07** 85.00 : 115.00
Antimony	TM152	**99.20** 85.05 : 115.00
Arsenic	TM152	**102.25** 85.05 : 115.00
Barium	TM152	**103.57** 85.05 : 115.00
Beryllium	TM152	**104.67** 85.05 : 115.00
Bismuth	TM152	**98.17** 85.05 : 115.00
Boron	TM152	**106.81** 85.05 : 115.00
Cadmium	TM152	**102.76** 85.05 : 115.00
Chromium	TM152	**102.40** 85.05 : 115.00
Cobalt	TM152	**102.56** 85.05 : 115.00
Copper	TM152	**103.17** 85.05 : 115.00
Lead	TM152	**102.25** 85.05 : 115.00
Lithium	TM152	**103.64** 85.05 : 115.00
Manganese	TM152	**101.88** 85.05 : 115.00
Molybdenum	TM152	**97.40** 85.05 : 115.00
Nickel	TM152	**102.28** 85.05 : 115.00
Phosphorus	TM152	**101.85** 85.00 : 115.00
Selenium	TM152	**104.56** 85.00 : 115.00
Silver	TM152	**101.92** 85.00 : 115.00
Strontium	TM152	**103.32** 85.05 : 115.00
Tellurium	TM152	**104.24** 85.05 : 115.00

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

		QC 22
Thallium	TM152	**101.49** 85.05 : 115.00
Tin	TM152	**99.57** 85.05 : 115.00
Titanium	TM152	**102.45** 85.05 : 115.00
Uranium	TM152	**101.21** 85.05 : 115.00
Vanadium	TM152	**102.81** 85.05 : 115.00
Zinc	TM152	**103.19** 85.00 : 115.00

EPH (DRO) (C10-C40) Aqueous (W)

Component	Method Code	QC 20	QC 21	QC 24
EPH (DRO) (C10-C40)	TM172	**98.14** 50.00 : 125.50	**80.80** 38.00 : 127.50	**88.09** 50.00 : 125.50

EPH CWG (Aliphatic) Aqueous GC (W)

Component	Method Code	QC 29	QC 22	QC 27
Total Aliphatics >C12-C35	TM174	**85.57** 71.03 : 104.04	**84.33** 69.51 : 106.01	**92.95** 69.51 : 106.01

EPH CWG (Aromatic) Aqueous GC (W)

Component	Method Code	QC 22	QC 27	QC 23
Total Aromatics >EC12-EC35	TM174	**95.48** 65.00 : 117.38	**95.20** 69.59 : 117.46	**102.00** 69.59 : 117.46

Mercury Dissolved

Component	Method Code	QC 29	QC 26
Mercury Dissolved (CVAF)	TM183	**93.90** 85.87 : 123.88	**98.00** 85.87 : 123.88

Metals by iCap-OES Dissolved (W)

Component	Method Code	QC 22	QC 25
Calcium	TM228	**91.74** 81.78 : 115.59	**101.60** 81.78 : 115.59
Iron	TM228	**87.04** 81.04 : 106.35	**95.60** 81.04 : 106.35
Magnesium	TM228	**89.69** 81.62 : 113.40	**99.92** 81.62 : 113.40
Potassium	TM228	**94.88** 81.27 : 112.71	**102.00** 81.27 : 112.71

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

		QC 22	QC 25
Sodium	TM228	**94.57** 81.34 : 114.58	**101.40** 81.34 : 114.58

PAH Spec MS - Aqueous (W)

Component	Method Code	QC 27	QC 27	QC 27	QC 25
Acenaphthene by GCMS	TM178	**101.09** 82.69 : 106.11	**98.58** 85.48 : 106.23	**100.49** 85.48 : 106.23	**99.87** 85.48 : 106.23
Acenaphthylene by GCMS	TM178	**98.45** 82.16 : 104.82	**101.17** 80.12 : 106.77	**101.01** 80.12 : 106.77	**102.11** 80.12 : 106.77
Anthracene by GCMS	TM178	**100.74** 77.85 : 105.75	**96.52** 77.85 : 105.75	**105.50** 77.85 : 105.75	**96.73** 77.85 : 105.75
Benz(a)anthracene by GCMS	TM178	**96.60** 75.32 : 108.18	**97.55** 78.50 : 107.21	**98.46** 78.50 : 107.21	**102.34** 78.50 : 107.21
Benzo(a)pyrene by GCMS	TM178	**108.53** 84.44 : 113.48	**110.22** 83.70 : 117.01	**111.01** 83.70 : 117.01	**105.24** 83.70 : 117.01
Benzo(b)fluoranthene by GCMS	TM178	**104.35** 87.25 : 114.25	**100.19** 87.25 : 114.25	**99.13** 87.25 : 114.25	**101.55** 87.25 : 114.25
Benzo(ghi)perylene by GCMS	TM178	**98.86** 82.05 : 112.05	**103.27** 82.05 : 112.05	**98.59** 82.05 : 112.05	**96.13** 82.05 : 112.05
Benzo(k)fluoranthene by GCMS	TM178	**111.17** 87.20 : 122.40	**114.49** 87.20 : 122.40	**111.02** 87.20 : 122.40	**103.16** 87.20 : 122.40
Chrysene by GCMS	TM178	**106.79** 83.22 : 112.82	**103.97** 85.32 : 108.58	**104.15** 85.32 : 108.58	**102.16** 85.32 : 108.58
Dibenzo(ah)anthracene by GCMS	TM178	**94.78** 72.40 : 118.55	**97.39** 72.40 : 118.55	**92.18** 72.40 : 118.55	**101.58** 72.40 : 118.55
Fluoranthene by GCMS	TM178	**101.43** 87.00 : 105.75	**104.32** 87.00 : 105.75	**101.34** 87.00 : 105.75	**101.55** 87.00 : 105.75
Fluorene by GCMS	TM178	**103.20** 83.12 : 110.71	**105.91** 83.15 : 107.63	**101.28** 83.15 : 107.63	**100.04** 83.15 : 107.63
Indeno(123cd)pyrene by GCMS	TM178	**102.46** 82.25 : 114.75	**105.70** 82.25 : 114.75	**102.23** 82.25 : 114.75	**104.19** 82.25 : 114.75
Naphthalene by GCMS	TM178	**102.25** 84.07 : 108.07	**100.23** 84.63 : 104.92	**100.58** 84.63 : 104.92	**98.93** 84.63 : 104.92
Phenanthrene by GCMS	TM178	**104.40** 86.79 : 108.29	**99.59** 86.86 : 107.20	**93.83** 86.86 : 107.20	**101.95** 86.86 : 107.20
Pyrene by GCMS	TM178	**100.98** 84.55 : 108.55	**104.01** 84.55 : 108.55	**101.23** 84.55 : 108.55	**100.74** 84.55 : 108.55
Volume	TM178	**15000.00**	**15000.00**	**15000.00**	**15000.00**

pH Value

Component	Method Code	QC 27	QC 27
pH	TM256	**100.00** 98.71 : 100.43	**99.86** 98.71 : 100.43

Phenols by HPLC (W)

Component	Method Code	QC 21
2.3.5 Trimethyl-Phenol by HPLC (W)	TM259	**99.00** 90.39 : 106.13
2-Isopropyl Phenol by HPLC (W)	TM259	**99.00** 91.79 : 105.67

SDG:	101115-18	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105423

		QC 21
Cresols by HPLC (W)	TM259	**101.00** 83.04 : 112.65
Napthol by HPLC (W)	TM259	**98.00** 81.85 : 102.52
Phenol by HPLC (W)	TM259	**99.00** 91.85 : 104.71
Xylenols by HPLC (W)	TM259	**99.83** 89.55 : 102.49

Sulphide

Component	Method Code	QC 22
Sulphide	TM101	**102.07** 77.08 : 135.77

SVOC MS (W) - Aqueous

Component	Method Code	QC 24	QC 22
4-Bromophenylphenylether	TM176	**92.38** 74.07 : 108.33	**92.19** 74.07 : 108.33
Benzo(a)anthracene	TM176	**91.29** 64.51 : 105.49	**87.56** 64.51 : 105.49
Benzo(a)pyrene	TM176	**81.78** 53.03 : 98.81	**77.54** 53.03 : 98.81
Butylbenzyl phthalate	TM176	**88.22** 63.86 : 115.28	**79.49** 63.86 : 115.28
Hexachlorobutadiene	TM176	**69.20** 45.86 : 100.88	**76.98** 45.86 : 100.88
Naphthalene	TM176	**98.19** 75.05 : 106.07	**91.49** 75.05 : 106.07
Nitrobenzene	TM176	**98.27** 69.60 : 106.80	**90.95** 69.60 : 106.80
Phenol	TM176	**59.07** 45.42 : 71.52	**56.51** 45.42 : 71.52

The above information details the reference name of the analytical quality control sample (AQC) that has been run with the samples contained in this report for the different methods of analysis.
The figure detailed is the percentage recovery result for the AQC.
The subscript numbers below are the percentage recovery lower control limit (LCL) and the upper control limit (UCL). The percentage recovery result for the AQC should be between these limits to be statistically in control.

Table of Results - Appendix

SDG Number : 101115-18 **Client :** H_WYG_MAN **Client Ref :** A64184

REPORT KEY

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10-7

NDP	No Determination Possible	#	ISO 17025 Accredited	*	Subcontracted Test	M	MCERTS Accredited
NFD	No Fibres Detected	PFD	Possible Fibres Detected	»	Result previously reported (Incremental reports only)	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control

Method No	Reference	Description	Wet/Dry Sample [1]	Surrogate Corrected
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples		
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)		
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser		
TM101	Method 4500B & C, AWWA/APHA, 20th Ed., 1999	Determination of Sulphide in soil and water samples using the Kone Analyser		
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter		
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS		
TM172	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	EPH in Waters		
TM174	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	Determination of Speciated Extractable Petroleum Hydrocarbons in Waters by GC-FID		
TM176	EPA 8270D Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of SVOCs in Water by GCMS		
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters		
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry		
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers		
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters		
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography		
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate		
TM228	US EPA Method 6010B	Determination of Major Cations in Water by iCap 6500 Duo ICP-OES		
TM245	By GC-FID	Determination of GRO by Headspace in waters		
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4.	Determination of pH in Water and Leachate using the GLpH pH Meter		
TM259		Determination of Phenols in Waters and Leachates by HPLC		

[1] Applies to Solid samples only. DRY indicates samples have been dried at 35°C. NA = not applicable.

Notification of Non-Conforming Work

SDG Number 101115-18
Client H_WYG_MAN
Client Reference A64184
Attention Simon Johnson

Location Openshaw West
Order No.
Report No. 105423
Date Received 15/11/2010 09:22:08

Sample Number	Customer Sample Ref.	Depth (m)	Matrix	Test Name	Component Name	Comment
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard

Sample Number	Customer Sample Ref.	Depth (m)	Matrix	Test Name	Component Name	Comment
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard

Sample Number	Customer Sample Ref.	Depth (m)	Matrix	Test Name	Component Name	Comment
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard

Sample Number	Customer Sample Ref.	Depth (m)	Matrix	Test Name	Component Name	Comment
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard

Sample Number	Customer Sample Ref.	Depth (m)	Matrix	Test Name	Component Name	Comment
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Benzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	BTEX, Total	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Ethylbenzene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C10-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C10	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO >C5-C12	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	GRO Surrogate % recovery**	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p,o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	m,p-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Methyl tertiary butyl ether (MTBE)	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	o-Xylene	Matrix interference, sample processed without internal standard
2400733	BHS307		LIQUID	GRO by GC-FID (W)	Toluene	Matrix interference, sample processed without internal standard

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101115-18
Customer - H_WYG_MAN
Sample Identity - 2405804 /2494386-BHS307[]
Sample Type [Units] - Water - µg/l
Date Acquired - 19/11/10
Date Reported - 21/11/10
Analyst - AH

Tentative Compound Identification	Retention Time min	Concentration µg/l
Aniline	4.240	133
Toluidine isomer	5.048	361
Toluidine isomer	5.084	16
Chloroaniline isomer	5.509	31
Actinidine	5.781	21
Chloroaniline isomer	6.051	80
Dichloroaniline isomer	6.981	25
Unknown	7.773	39
Lenthionin	8.781	57
Hexathiepane isomer	9.229	111
Sulfur	8.150-10.933	9859

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

VOC Tentatively Identified Compounds

Job Number - 101115-18
Customer - WYG Geo Environment
Sample Identity - 2400733 BHS307[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 22/11/10
Date Reported - 22/11/10
Analyst - A G Prijs

Tentative Compound Identification	Retention Time min	Concentration µg/l
Methanethiol	1.13	23

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

APPENDIX

APPENDIX

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA Leach tests, flash point, ammonium as NH_4 by the BRE method, VOC TICS, SVOC TICS, TOF-MS SCAN/SEARCH and TOF-MS TICS.
2. Samples will be run in duplicate upon request, but an additional charge may be incurred.
3. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for both soil jars, tubs and volatile jars. All waters and vials will be discarded 10 days after the analysis is completed (e-mailed). All material removed during an asbestos containing material screen and analysed for the presence of asbestos will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALcontrol Laboratories reserve the right to charge for samples received and stored but not analysed.
4. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.
5. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.
6. When requested, the individual sub sample scheduled will be screened in house for the presence of large asbestos containing material fragments/pieces. If no asbestos containing material is found this will be reported as 'no asbestos containing material detected'. If asbestos containing material is detected it will be removed and analysed by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If asbestos containing material is present no further analysis will be undertaken. At no point is the fibre content of the soil sample determined.
7. If no separate volatile sample is supplied by the client, the integrity of the data may be compromised if the laboratory is required to create a sub-sample from the bulk sample – similarly, if a headspace or sediment is present in the volatile sample. This will be flagged up as an invalid VOC on the test schedule or recorded on the log sheet.
8. If appropriate preserved bottles are not received preservation will take place on receipt. However, the integrity of the data may be compromised.
9. NDP – No determination possible due to insufficient/unsuitable sample.
10. Metals in water are performed on a filtered sample, and therefore represent dissolved metals – total metals must be requested separately.
11. A table containing the date of analysis for each parameter is not routinely included with the report, but is available upon request.
12. Results relate only to the items tested
13. **Surrogate recoveries** – Most of our organic methods include surrogates, the recovery of which is monitored and reported. For EPH, MO, PAH, GRO and VOCs on soils the result is not surrogate corrected, but a percentage recovery is quoted. Acceptable limits for most organic methods are 70 – 130 %.
14. **Product analyses** – Organic analyses on products can only be semi-quantitative due to the matrix effects and high dilution factors employed.
15. Phenols monohydric by HPLC include phenol, cresols (2-Methylphenol, 3-Methylphenol and 4-Methylphenol) and Xylenols (2,3 Dimethylphenol, 2,4 Dimethylphenol, 2,5 Dimethylphenol, 2,6 Dimethylphenol, 3,4 Dimethyphenol, 3,5 Dimethylphenol).
16. Total of 5 speciated phenols by HPLC includes Phenol, 2,3,5-Trimethyl Phenol, 2-Isopropylphenol, Cresols and Xylenols (as detailed in 14).
17. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.
18. Our MCERTS accreditation for PAHs by GCMS applies to all product types apart from Kerosene, where naphthalene only is not accredited.
19. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.
19. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.
20. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.
21. For all leachate preparations (NRA, DIN, TCLP, BSEN 12457-1, 2, 3) volatile loss may occur, as we do not employ zero headspace extraction.
22. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials – whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
23. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C4 – C10 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

LIQUID MATRICES EXTRACTION SUMMARY

ANALYSIS	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
PAH MS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
EPH	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
EPH CWG	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
MINERAL OIL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
PCB 7 CONGENERS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
PCB TOTAL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GS MS
SVOC	DCM	LIQUID/LIQUID SHAKE	GC MS
FREE SULPHUR	DCM	SOLID PHASE EXTRACTION	HPLC
PEST OCP/OPP	DCM	LIQUID/LIQUID SHAKE	GC MS
TRIAZINE HERBS	DCM	LIQUID/LIQUID SHAKE	GC MS
PHENOLS MS	DCM	SOLID PHASE EXTRACTION	GC MS
TPH by INFRA RED (IR)	TCE	LIQUID/LIQUID EXTRACTION	HPLC
MINERAL OIL by IR	TCE	LIQUID/LIQUID EXTRACTION	HPLC
GLYCOLS	NONE	DIRECT INJECTION	GC FID

SOLID MATRICES EXTRACTION SUMMARY

ANALYSIS	D/C OR WET	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
Solvent Extractable Matter	D&C	DCM	SOXTHERM	GRAVIMETRIC
Cyclohexane Ext. Matter	D&C	CYCLOHEXANE	SOXTHERM	GRAVIMETRIC
Thin Layer Chromatography	D&C	DCM	SOXTHERM	IATROSCAN
Elemental Sulphur	D&C	DCM	SOXTHERM	HPLC
Phenols by GCMS	WET	DCM	SOXTHERM	GC-MS
Herbicides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
Pesticides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
EPH (DRO)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Min oil)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Cleaned up)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH CWG by GC	D&C	HEXANE:ACETONE	END OVER END	GC-FID
PCB tot / PCB con	D&C	HEXANE:ACETONE	END OVER END	GC-MS
Polyaromatic Hydrocarbons (MS)	WET	HEXANE:ACETONE	Microwave TM218.	GC-MS
C8-C40 (C6-C40)EZ Flash	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Polyaromatic Hydrocarbons Rapid GC	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Semi Volatile Organic Compounds	WET	DCM:ACETONE	SONICATE	GC-MS

Identification of Asbestos in Bulk Materials

The results for asbestos identification for soil samples are obtained from possible Asbestos Containing Material, removed during the 'Screening of soils for Asbestos Containing Materials', which have been examined to determine the presence of asbestos fibres using Alcontrol Laboratories (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Visual Estimation Of Fibre Content.

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: -

Trace – Where only one or two asbestos fibres were identified.

Further guidance on typical asbestos fibre content of manufactured products can be found in MDHS 100.

The identification of asbestos containing materials falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

ALcontrol Laboratories

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Website: www.alcontrol.com

Attention: Simon Johnson

CERTIFICATE OF ANALYSIS

Date:	29 November 2010		
Customer:	H_WYG_MAN-29		
Sample Delivery Group (SDG):	101112-95	**Report No.:**	104485
Your Reference:	A64184		
Location:	Openshaw West		

We received 13 samples on Friday November 12, 2010 and 13 of these samples were scheduled for analysis which was completed on Monday November 29, 2010. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

All chemical testing (unless subcontracted) is performed at ALcontrol Hawarden Laboratories.

Asbestos testing - we are not accredited for screening soil samples for asbestos fibres. We are only accredited to identify asbestos fibres in bulk material (ACM).

Approved By:

Iain Swinton

Business Director - Land, UK & Ireland

UKAS TESTING
1291

GROUP

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	104485

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
2396580	BH103			10/11/2010
2396653	BH112			10/11/2010
2396479	BH115			10/11/2010
2396716	BH406			10/11/2010
2396743	BH413			10/11/2010
2401419	BHI209			10/11/2010
2396612	BHS304			10/11/2010
2396559	BHS314			10/11/2010
2396634	BHS319			10/11/2010
2396667	BHS324			10/11/2010
2396531	BHS329			10/11/2010
2396445	DUP A			10/11/2010
2456828	WS408			10/11/2010

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	104485

LIQUID

Results Legend

X — Test

N — No Determination Possible

			Lab Sample No(s)	2396580	2396653	2396679	2401419	2396716	2396743
			Customer Sample Ref.	BH103	BH112	BH115	BH209	BH406	BH413
			AGS Ref.						
			Depth (m)						
			Container	1l green glass bottle / 1lplastic / H2SO4 / HNO3 Filtered / NaOH / Vial / ZnAc	1l green glass bottle / 1lplastic / H2SO4 / HNO3 Filtered / NaOH / Vial / ZnAc	1l green glass bottle / 1lplastic / H2SO4 / HNO3 Filtered / NaOH / Vial / ZnAc	1l green glass bottle / 1lplastic / H2SO4 / HNO3 Filtered / NaOH / Vial / ZnAc	1l green glass bottle / 1lplastic / H2SO4 / HNO3 Filtered / NaOH / Vial / ZnAc	1l green glass bottle / 1lplastic / H2SO4 / HNO3 Filtered / NaOH / Vial / ZnAc
Alkalinity as CaCO3	All	NDPs: 0 Tests: 13		X	X	X	X	X	X
Ammonium	All	NDPs: 0 Tests: 13		X	X	X	X	X	X
Anions by ion Chromatography	All	NDPs: 0 Tests: 8			X	X			X
Anions by Kone (w)	All	NDPs: 0 Tests: 12		X	X	X	X	X	
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 8			X	X			X
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 13			X	X	X	X	X
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 13			X	X	X	X	X
EPH (DRO) (C10-C40) Aqueous (W)	All	NDPs: 0 Tests: 13		X	X	X	X	X	X
EPH CWG (Aliphatic) Aqueous GC (W)	All	NDPs: 0 Tests: 12		X	X	X	X	X	X
EPH CWG (Aromatic) Aqueous GC (W)	All	NDPs: 0 Tests: 12		X	X	X	X	X	X
GRO by GC-FID (W)	All	NDPs: 0 Tests: 13							
Low Level Phenols by HPLC (W)	All	NDPs: 0 Tests: 6							
Mercury Dissolved	All	NDPs: 0 Tests: 13		X	X	X	X	X	X
Metals by iCap-OES Dissolved (W)	All	NDPs: 0 Tests: 8							
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 13		X	X	X	X	X	X
pH Value	All	NDPs: 0 Tests: 13		X	X	X	X	X	X

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	104485

LIQUID

Results Legend

X — Test

N — No Determination Possible

			Lab Sample No(s)	2396580							2396653							2396479							2401419							2396716							2396743						
			Customer Sample Ref.	BH103							BH112							BH115							BH209							BH406							BH413						
			AGS Ref.																																										
			Depth (m)																																										
			Container	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc
Phenols by HPLC (W)	All	NDPs: 0 Tests: 7						X																				X														X		
Sulphide	All	NDPs: 0 Tests: 13								X						X								X													X								X
SVOC MS (W) - Aqueous	All	NDPs: 0 Tests: 12	X								X							X							X							X							X						
TPH CWG (W)	All	NDPs: 0 Tests: 12	X								X							X							X							X							X						
VOC MS (W)	All	NDPs: 0 Tests: 12							X						X							X								X							X						X	

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	104485

LIQUID

Results Legend

X — Test

N — No Determination Possible

			Lab Sample No(s)	2396445	2401419	2396612						2396559						2396634						2396667						2396531					
			Customer Sample Ref.	DUP A	BHI209	BHS304						BHS314						BHS319						BHS324						BHS329					
			AGS Ref.																																
			Depth (m)																																
			Container	1l green glass bottle	1lplastic	H2SO4	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc
Alkalinity as CaCO3	All	NDPs: 0 Tests: 13		X		X				X						X						X						X							
Ammonium	All	NDPs: 0 Tests: 13			X						X						X						X						X							
Anions by ion Chromatography	All	NDPs: 0 Tests: 8								X						X						X						X							
Anions by Kone (w)	All	NDPs: 0 Tests: 12		X						X						X						X						X							
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 8								X						X						X						X							
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 13										X						X						X						X					
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 13									X						X						X						X						
EPH (DRO) (C10-C40) Aqueous (W)	All	NDPs: 0 Tests: 13		X						X						X						X						X							
EPH CWG (Aliphatic) Aqueous GC (W)	All	NDPs: 0 Tests: 12								X						X						X						X							
EPH CWG (Aromatic) Aqueous GC (W)	All	NDPs: 0 Tests: 12								X						X						X						X							
GRO by GC-FID (W)	All	NDPs: 0 Tests: 13				X						X						X						X						X					
Low Level Phenols by HPLC (W)	All	NDPs: 0 Tests: 6									X						X						X						X						
Mercury Dissolved	All	NDPs: 0 Tests: 13		X						X						X						X						X							
Metals by iCap-OES Dissolved (W)	All	NDPs: 0 Tests: 8									X						X						X						X						
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 13		X						X						X						X						X							
pH Value	All	NDPs: 0 Tests: 13			X						X						X						X						X						
Phenols by HPLC (W)	All	NDPs: 0 Tests: 7																	X						X										

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	104485

LIQUID

Results Legend

X Test

N No Determination Possible

			Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Container
Sulphide	All	NDPs: 0 Tests: 13	2396445	DUP A			1l green glass bottle
							1lplastic
							H2SO4
			2401419	BHI209			Vial
							ZnAc
			2396612	BHS304			1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
			2396559	BHS314			1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
			2396634	BHS319			1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
			2396667	BHS324			1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
			2396531	BHS329			1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
SVOC MS (W) - Aqueous	All	NDPs: 0 Tests: 12					1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
							1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
							1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
							1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
TPH CWG (W)	All	NDPs: 0 Tests: 12					1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
							1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
							1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
							1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
VOC MS (W)	All	NDPs: 0 Tests: 12					1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
							1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
							1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc
							1l green glass bottle
							1lplastic
							H2SO4
							HNO3 Filtered
							NaOH
							Vial
							ZnAc

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	104485

LIQUID

Results Legend

X Test

N No Determination Possible

			2396445				2456828							
Lab Sample No(s)														
Customer Sample Ref.			DUP A				WS408							
AGS Ref.														
Depth (m)														
Container			HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	
Alkalinity as CaCO3	All	NDPs: 0 Tests: 13						X						
Ammonium	All	NDPs: 0 Tests: 13							X					
Anions by ion Chromatography	All	NDPs: 0 Tests: 8						X						
Anions by Kone (w)	All	NDPs: 0 Tests: 12						X						
Conductivity (at 20 deg.C)	All	NDPs: 0 Tests: 8						X						
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 13		X							X			
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 13	X							X				
EPH (DRO) (C10-C40) Aqueous (W)	All	NDPs: 0 Tests: 13					X							
EPH CWG (Aliphatic) Aqueous GC (W)	All	NDPs: 0 Tests: 12					X							
EPH CWG (Aromatic) Aqueous GC (W)	All	NDPs: 0 Tests: 12					X							
GRO by GC-FID (W)	All	NDPs: 0 Tests: 13			X							X		
Mercury Dissolved	All	NDPs: 0 Tests: 13					X							
Metals by iCap-OES Dissolved (W)	All	NDPs: 0 Tests: 8								X				
PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 13					X							
pH Value	All	NDPs: 0 Tests: 13						X						
Phenols by HPLC (W)	All	NDPs: 0 Tests: 7		X							X			
Sulphide	All	NDPs: 0 Tests: 13				X								X

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	104485

LIQUID

Results Legend

X Test

N No Determination Possible

			Lab Sample No(s)	2396445	2456828
			Customer Sample Ref.	DUP A	WS408
			AGS Ref.		
			Depth (m)		
			Container	HNO3 Filtered, NaOH, Vial, ZnAc, 1l green glass bottle, 1lplastic, H2SO4, HNO3 Filtered, NaOH, Vial, ZnAc	
SVOC MS (W) - Aqueous	All	NDPs: 0 Tests: 12			X
TPH CWG (W)	All	NDPs: 0 Tests: 12			X
VOC MS (W)	All	NDPs: 0 Tests: 12			X

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

Test Completion Dates

Lab Sample No(s)	2396580	2396653	2396479	2401419	2396612	2396559	2396634	2396667	2396531	2396445
Customer Sample Ref.	BH103	BH112	BH115	BHI209	BHS304	BHS314	BHS319	BHS324	BHS329	DUP A
AGS Ref.										
Depth										
Type	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Alkalinity as CaCO3	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010
Ammonium	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010	17/11/2010	18/11/2010	17/11/2010
Anions by ion Chromatography		25/11/2010	26/11/2010		26/11/2010	26/11/2010	25/11/2010	25/11/2010		
Anions by Kone (w)	17/11/2010	17/11/2010	17/11/2010	17/11/2010	16/11/2010	16/11/2010	16/11/2010	17/11/2010	17/11/2010	17/11/2010
Conductivity (at 20 deg.C)		25/11/2010	26/11/2010		26/11/2010	26/11/2010	25/11/2010	25/11/2010		
Cyanide Comp/Free/Total/Thiocyanate	16/11/2010	16/11/2010	15/11/2010	15/11/2010	15/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010
Dissolved Metals by ICP-MS	16/11/2010	16/11/2010	16/11/2010	16/11/2010	17/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010
EPH (DRO) (C10-C40) Aqueous (W)	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	18/11/2010
EPH CWG (Aliphatic) Aqueous GC (W)	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	
EPH CWG (Aromatic) Aqueous GC (W)	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	19/11/2010	
GRO by GC-FID (W)	23/11/2010	23/11/2010	24/11/2010	23/11/2010	23/11/2010	23/11/2010	23/11/2010	23/11/2010	24/11/2010	23/11/2010
Low Level Phenols by HPLC (W)		16/11/2010	16/11/2010		16/11/2010	16/11/2010			16/11/2010	
Mercury Dissolved	16/11/2010	15/11/2010	16/11/2010	16/11/2010	15/11/2010	16/11/2010	15/11/2010	15/11/2010	16/11/2010	16/11/2010
Metals by iCap-OES Dissolved (W)		29/11/2010	29/11/2010		29/11/2010	29/11/2010	29/11/2010	29/11/2010		
PAH Spec MS - Aqueous (W)	18/11/2010	19/11/2010	22/11/2010	22/11/2010	22/11/2010	18/11/2010	19/11/2010	19/11/2010	19/11/2010	22/11/2010
pH Value	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010	16/11/2010
Phenols by HPLC (W)	18/11/2010			18/11/2010			18/11/2010	18/11/2010		19/11/2010
Sulphide	18/11/2010	19/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010
SVOC MS (W) - Aqueous	22/11/2010	22/11/2010	22/11/2010	22/11/2010	21/11/2010	22/11/2010	21/11/2010	22/11/2010	21/11/2010	
TPH CWG (W)	23/11/2010	23/11/2010	24/11/2010	23/11/2010	23/11/2010	23/11/2010	23/11/2010	23/11/2010	24/11/2010	
VOC MS (W)	23/11/2010	23/11/2010	23/11/2010	22/11/2010	22/11/2010	23/11/2010	23/11/2010	23/11/2010	23/11/2010	

Lab Sample No(s)	2396716	2396743	2456828
Customer Sample Ref.	BH406	BH413	WS408
AGS Ref.			
Depth			
Type	LIQUID	LIQUID	LIQUID
Alkalinity as CaCO3	16/11/2010	16/11/2010	16/11/2010
Ammonium	18/11/2010	19/11/2010	18/11/2010
Anions by ion Chromatography		26/11/2010	25/11/2010
Anions by Kone (w)	16/11/2010		16/11/2010
Conductivity (at 20 deg.C)		26/11/2010	25/11/2010
Cyanide Comp/Free/Total/Thiocyanate	16/11/2010	16/11/2010	16/11/2010
Dissolved Metals by ICP-MS	16/11/2010	16/11/2010	16/11/2010
EPH (DRO) (C10-C40) Aqueous (W)	19/11/2010	19/11/2010	19/11/2010
EPH CWG (Aliphatic) Aqueous GC (W)	19/11/2010	19/11/2010	19/11/2010
EPH CWG (Aromatic) Aqueous GC (W)	19/11/2010	19/11/2010	19/11/2010
GRO by GC-FID (W)	23/11/2010	23/11/2010	23/11/2010
Low Level Phenols by HPLC (W)	16/11/2010		
Mercury Dissolved	16/11/2010	16/11/2010	16/11/2010
Metals by iCap-OES Dissolved (W)		29/11/2010	29/11/2010
PAH Spec MS - Aqueous (W)	19/11/2010	19/11/2010	19/11/2010
pH Value	16/11/2010	16/11/2010	16/11/2010
Phenols by HPLC (W)		18/11/2010	18/11/2010
Sulphide	18/11/2010	18/11/2010	18/11/2010
SVOC MS (W) - Aqueous	21/11/2010	21/11/2010	21/11/2010
TPH CWG (W)	23/11/2010	23/11/2010	23/11/2010
VOC MS (W)	22/11/2010	22/11/2010	23/11/2010

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH112	BH115	BH406	BH413	BHI209
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396580	2396653	2396479	2396716	2396743	2401419
			AGS Reference						
Alkalinity, Total as CaCO3	<2 mg/l	TM043		125 #	300 #	110 #	450 #	650 #	220 #
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099		0.506 #	3.78 #	<0.2 #	<0.2 #	5.97 #	1.29 #
Sulphide	<0.01 mg/l	TM101		1.37 #	5.75 #	<0.01 #	0.023 #	0.011 #	0.12 #
Conductivity @ 20 deg.C	<0.014 mS/cm	TM120			1.79 #	0.438 #		5.37 #	
Antimony (diss.filt)	<0.16 µg/l	TM152		<0.16 #	14.9 #	3.83 #	<0.16 #	7.53 #	0.279 #
Arsenic (diss.filt)	<0.12 µg/l	TM152		5.88 #	18.9 #	8.15 #	2.79 #	348 #	2.04 #
Boron (diss.filt)	<9.4 µg/l	TM152		59.2 #	176 #	134 #	918 #	164 #	101 #
Cadmium (diss.filt)	<0.1 µg/l	TM152		<0.1 #	0.176 #	0.104 #	0.145 #	0.517 #	<0.1 #
Chromium (diss.filt)	<0.22 µg/l	TM152		2.9 #	9.22 #	8.14 #	11.3 #	29.8 #	5.72 #
Copper (diss.filt)	<0.85 µg/l	TM152		9.95 #	8.09 #	13.8 #	3.57 #	100 #	3.39 #
Lead (diss.filt)	<0.02 µg/l	TM152		1.81 #	47.7 #	27.3 #	13.3 #	436 #	6.04 #
Nickel (diss.filt)	<0.15 µg/l	TM152		8.3 #	5.22 #	3.58 #	15.9 #	30.1 #	2.66 #
Selenium (diss.filt)	<0.39 µg/l	TM152		9.04 #	10.7 #	1 #	23.1 #	<0.39 #	3.48 #
Vanadium (diss.filt)	<0.24 µg/l	TM152		1.41 #	4.01 #	10.7 #	6.29 #	154 #	2.81 #
Zinc (diss.filt)	<0.41 µg/l	TM152		29 #	116 #	50.1 #	198 #	67.6 #	21.4 #
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172		<46 #	640 #	104 #	56.3 #	475 #	<46 #
EPH Band >C10-C20 (aq)	<10 µg/l	TM172		<10	349	40.4	19.2	170	<10
EPH Band >C20-C30 (aq)	<10 µg/l	TM172		<10	170	46.9	27.6	229	<10
EPH Band >C30-C40 (aq)	<10 µg/l	TM172		<10	123	16.6	<10	77.5	<10
Mercury (diss.filt)	<0.01 µg/l	TM183		<0.01 #	<0.01 #	<0.01 #	<0.01 #	0.389 #	<0.01 #
Sulphate	<3 mg/l	TM184		1510 #	805 #	119 #	240 #		8.4 #
Chloride	<0.08 mg/l	TM226			35.4 #	6.36 #		1360 #	
Sulphate	<0.1 mg/l	TM226						521 #	
Cyanide, Total	<0.05 mg/l	TM227		<0.05 #	<0.05 #	<0.05 #	<0.05 #	<0.05 #	<0.05 #
Calcium (diss.filt)	<0.012 mg/l	TM228			124	60.5		28	
Magnesium (diss.filt)	<0.036 mg/l	TM228			51.5	3.26		3.27	
pH	<1 pH Units	TM256		8.32 #	8.22 #	8.45 #	8.27 #	8.88 #	8.48 #
Resorcinol (low level)	<0.5 µg/l	TM259			<0.5	<0.5	6.39		
Catechol (low level)	<0.5 µg/l	TM259			<0.5	<0.5	<0.5		
Resorcinol	<0.01 mg/l	TM259		<0.01				<0.05	<0.01
Catechol	<0.01 mg/l	TM259		<0.01				<0.05	<0.01
Phenol (low level)	<0.5 µg/l	TM259			<0.5	<0.5	<0.5		
Cresols (low level)	<0.5 µg/l	TM259			<0.5	<0.5	<0.5		
Phenol	<0.002 mg/l	TM259		<0.002 #				<0.01 #	<0.002 #
Cresols	<0.006 mg/l	TM259		0.01 #				0.04 #	<0.006 #
Xylenols (low level)	<0.5 µg/l	TM259			<0.5	<0.5	<0.5		
1-Napthol (low level)	<0.5 µg/l	TM259			<0.5	<0.5	<0.5		
Xylenols	<0.008 mg/l	TM259		<0.008 #				<0.04 #	<0.008 #
1-Naphthol	<0.01 mg/l	TM259		<0.01 #				0.06 #	<0.01 #

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH112	BH115	BH406	BH413	BHI209
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396580	2396653	2396479	2396716	2396743	2401419
			AGS Reference						
2,3,5-Trimethylphenol (low level)	<0.5 µg/l	TM259			<0.5	<0.5	<0.5		
2,3,5-Trimethylphenol	<0.003 mg/l	TM259		<0.003 #				<0.015 #	<0.003 #
2-Isopropylphenol (low level)	<0.5 µg/l	TM259			<0.5	<0.5	<0.5		
2-Isopropylphenol	<0.006 mg/l	TM259		<0.006 #				<0.03 #	<0.006 #
Phenols, Total monohydric (low level)	<0.5 µg/l	TM259			<0.5	<0.5	<0.5		
Phenols, Total 5 speciated (low level)	<0.5 µg/l	TM259			<0.5	<0.5	<0.5		
Phenols, Total monohydric	<0.015 mg/l	TM259		<0.015 #				0.04 #	<0.015 #
Phenols, Total 5 speciated	<0.025 mg/l	TM259		<0.025				0.04	<0.025

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

GRO by GC-FID (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH112	BH115	BH406	BH413	BHI209
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396580	2396653	2396479	2396716	2396743	2401419
			AGS Reference						
GRO Surrogate % recovery**	%	TM245		86	84	81	57	84	82
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Benzene	<7 µg/l	TM245		<7 #	25 #	<7 #	<7 #	8 #	7 #
Toluene	<4 µg/l	TM245		<4 #	<4 #	<4 #	<4 #	<4 #	<4 #
Ethylbenzene	<5 µg/l	TM245		<5 #	6 #	<5 #	<5 #	<5 #	<5 #
m,p-Xylene	<8 µg/l	TM245		<8 #	<8 #	<8 #	<8 #	<8 #	<8 #
o-Xylene	<3 µg/l	TM245		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
GRO >C10-C12	<10 µg/l	TM245		<10	102	<10	<10	<10	<10
GRO >C5-C10	<10 µg/l	TM245		<10	32	<10	<10	<10	34
m,p,o-Xylene	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
BTEX, Total	<10 µg/l	TM245		<10	31	<10	<10	<10	<10
GRO >C5-C12	<50 µg/l	TM245		<50 #	153 #	<50 #	<50 #	<50 #	<50 #

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

PAH Spec MS - Aqueous (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH112	BH115	BH406	BH413	BHI209
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396580	2396653	2396479	2396716	2396743	2401419
			AGS Reference						
Naphthalene (aq)	<0.1 µg/l	TM178		<0.1 #	0.529 #	<0.1 #	<0.1 #	2.9 #	<0.1 #
Acenaphthene (aq)	<0.015 µg/l	TM178		<0.015 #	21.3 #	<0.015 #	<0.015 #	0.916 #	<0.015 #
Acenaphthylene (aq)	<0.011 µg/l	TM178		<0.011 #	0.334 #	0.0168 #	<0.011 #	0.0164 #	<0.011 #
Fluoranthene (aq)	<0.014 µg/l	TM178		0.0166 #	2.57 #	0.0816 #	0.0144 #	1.64 #	0.0241 #
Anthracene (aq)	<0.015 µg/l	TM178		<0.015 #	0.61 #	<0.015 #	<0.015 #	0.217 #	<0.015 #
Phenanthrene (aq)	<0.022 µg/l	TM178		<0.022 #	1.3 #	0.0401 #	0.0346 #	1.07 #	0.0238 #
Fluorene (aq)	<0.014 µg/l	TM178		<0.014 #	4.65 #	<0.014 #	<0.014 #	0.293 #	<0.014 #
Chrysene (aq)	<0.013 µg/l	TM178		<0.013 #	0.964 #	0.0346 #	<0.013 #	0.712 #	<0.013 #
Pyrene (aq)	<0.015 µg/l	TM178		0.0229 #	2.33 #	0.0761 #	<0.015 #	1.62 #	0.0263 #
Benzo(a)anthracene (aq)	<0.017 µg/l	TM178		<0.017 #	0.805 #	0.0563 #	<0.017 #	0.556 #	0.0262 #
Benzo(b)fluoranthene (aq)	<0.023 µg/l	TM178		<0.023 #	0.65 #	0.07 #	<0.023 #	0.516 #	<0.023 #
Benzo(k)fluoranthene (aq)	<0.027 µg/l	TM178		<0.027 #	0.629 #	0.0538 #	<0.027 #	0.459 #	<0.027 #
Benzo(a)pyrene (aq)	<0.009 µg/l	TM178		<0.009 #	0.813 #	0.0698 #	<0.009 #	0.492 #	<0.009 #
Dibenzo(a,h)anthracene (aq)	<0.016 µg/l	TM178		<0.016 #	0.103 #	0.0283 #	<0.016 #	0.059 #	<0.016 #
Benzo(g,h,i)perylene (aq)	<0.016 µg/l	TM178		<0.016 #	0.445 #	0.0763 #	<0.016 #	0.299 #	<0.016 #
Indeno(1,2,3-cd)pyrene (aq)	<0.014 µg/l	TM178		<0.014 #	0.37 #	0.0639 #	<0.014 #	0.198 #	<0.014 #
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	<0.1 µg/l	TM178		<0.1 #	38.5 #	0.623 #	<0.1 #	12 #	0.114 #

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH112	BH115	BH406	BH413	BHI209
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396580	2396653	2396479	2396716	2396743	2401419
			AGS Reference						
1,2,4-Trichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
1,2-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	3.19	<5
1,3-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
1,4-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2,4,5-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2,4,6-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2,4-Dichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	1.78	<5
2,4-Dimethylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2,4-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2,6-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2-Chloronaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2-Chlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2-Methylnaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2-Methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
2-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
3-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
4-Bromophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
4-Chloro-3-methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
4-Chloroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
4-Chlorophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
4-Methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
4-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
4-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	2.39	<5
Azobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
bis(2-Chloroethyl)ether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
bis(2-Chloroethoxy)methane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
bis(2-Ethylhexyl) phthalate (aq)	<2 µg/l	TM176		<2	2.89	<2	<2	<2	<10
Butylbenzyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Benzo(k)fluoranthene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Carbazole (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Dibenzofuran (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
n-Dibutyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Diethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Dimethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
n-Dioctyl phthalate (aq)	<5 µg/l	TM176		<5	<5	<5	<5	<5	<25
Hexachlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Hexachlorobutadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Pentachlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH112	BH115	BH406	BH413	BHI209
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396580	2396653	2396479	2396716	2396743	2401419
			AGS Reference						
Phenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
n-Nitroso-n-dipropylamine (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Hexachloroethane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Nitrobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Isophorone (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Hexachlorocyclopentadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
Indeno(1,2,3-cd)pyrene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1	<5
SVOC TIC (aq)	-	TM176		No TIC's identified	See Attached	No TIC's identified	See Attached	See Attached	See Attached

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

TPH CWG (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH103	BH112	BH115	BH406	BH413	BHI209
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396580	2396653	2396479	2396716	2396743	2401419
			AGS Reference						
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174		<10	152	<10	<10	10	48
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10	<10
Aliphatics >C5-C6	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Aliphatics >C6-C8	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Aliphatics >C8-C10	<10 µg/l	TM245		<10	<10	<10	<10	<10	20
Aliphatics >C10-C12	<10 µg/l	TM245		<10	61	<10	<10	<10	<10
Aromatics >EC5-EC7	<10 µg/l	TM245		<10	25	<10	<10	<10	<10
Aromatics >EC7-EC8	<10 µg/l	TM245		<10	<10	<10	<10	<10	<10
Aromatics >EC8-EC10	<10 µg/l	TM245		<10	12	<10	<10	<10	13
Aromatics >EC10-EC12	<10 µg/l	TM245		<10	41	<10	<10	<10	<10

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref. / Depth (m) / Sample Type / Date Sampled / Date Received / SDG Ref / Lab Sample No.(s) / AGS Reference					
			BH103	BH112	BH115	BH406	BH413	BHI209
			Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396580	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396653	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396479	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396716	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396743	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2401419
Dibromofluoromethane**	%	TM208	108	107	105	106	106	110
Toluene-d8**	%	TM208	97.2	102	98.7	102	101	101
4-Bromofluorobenzene**	%	TM208	101	102	102	102	101	103
Dichlorodifluoromethane	<7 µg/l	TM208	<7 #	<7 #	<7 #	<7 #	<7 #	<7 #
Chloromethane	<9 µg/l	TM208	<9 #	<9 #	<9 #	<9 #	<9 #	<9 #
Vinyl chloride	<1.2 µg/l	TM208	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromomethane	<2 µg/l	TM208	<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
Chloroethane	<2.5 µg/l	TM208	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
Trichlorofluoromethane	<1.3 µg/l	TM208	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloroethene	<1.2 µg/l	TM208	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Carbon disulphide	<1.3 µg/l	TM208	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Dichloromethane	<3.7 µg/l	TM208	<3.7 #	<3.7 #	<3.7 #	<3.7 #	<3.7 #	<3.7 #
Methyl tertiary butyl ether (MTBE)	<1.6 µg/l	TM208	<1.6 #	<1.6 #	<1.6 #	<1.6 #	<1.6 #	<1.6 #
trans-1,2-Dichloroethene	<1.9 µg/l	TM208	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,1-Dichloroethane	<1.2 µg/l	TM208	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
cis-1,2-Dichloroethene	<2.3 µg/l	TM208	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
2,2-Dichloropropane	<3.8 µg/l	TM208	<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #
Bromochloromethane	<1.9 µg/l	TM208	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Chloroform	<1.8 µg/l	TM208	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
1,1,1-Trichloroethane	<1.3 µg/l	TM208	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloropropene	<1.3 µg/l	TM208	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Carbontetrachloride	<1.4 µg/l	TM208	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,2-Dichloroethane	<3.3 µg/l	TM208	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Benzene	<1.3 µg/l	TM208	<1.3 #	33 #	<1.3 #	<1.3 #	44.4 #	8.15 #
Trichloroethene	<2.5 µg/l	TM208	<2.5 #	<2.5 #	<2.5 #	<2.5 #	3.19 #	<2.5 #
1,2-Dichloropropane	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Dibromomethane	<2.7 µg/l	TM208	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
Bromodichloromethane	<0.9 µg/l	TM208	<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #
cis-1,3-Dichloropropene	<1.9 µg/l	TM208	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Toluene	<1.4 µg/l	TM208	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
trans-1,3-Dichloropropene	<3.5 µg/l	TM208	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,2-Trichloroethane	<2.2 µg/l	TM208	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,3-Dichloropropane	<2.2 µg/l	TM208	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
Tetrachloroethene	<1.5 µg/l	TM208	<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #
Dibromochloromethane	<1.7 µg/l	TM208	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
1,2-Dibromoethane	<2.3 µg/l	TM208	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Chlorobenzene	<3.5 µg/l	TM208	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,1,2-Tetrachloroethane	<1.3 µg/l	TM208	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Ethylbenzene	<2.5 µg/l	TM208	<2.5 #	5.83 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref. / Depth (m) / Sample Type / Date Sampled / Date Received / SDG Ref / Lab Sample No.(s) / AGS Reference					
			BH103	BH112	BH115	BH406	BH413	BHI209
			Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396580	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396653	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396479	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396716	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396743	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2401419
m,p-Xylene	<2.5 µg/l	TM208	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
o-Xylene	<1.7 µg/l	TM208	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
Styrene	<1.2 µg/l	TM208	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromoform	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Isopropylbenzene	<1.4 µg/l	TM208	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,1,2,2-Tetrachloroethane	<5.2 µg/l	TM208	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
1,2,3-Trichloropropane	<7.8 µg/l	TM208	<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #
Bromobenzene	<2 µg/l	TM208	<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
Propylbenzene	<2.6 µg/l	TM208	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
2-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,3,5-Trimethylbenzene	<1.8 µg/l	TM208	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
4-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
tert-Butylbenzene	<2 µg/l	TM208	<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
1,2,4-Trimethylbenzene	<1.7 µg/l	TM208	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
sec-Butylbenzene	<1.7 µg/l	TM208	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
4-iso-Propyltoluene	<2.6 µg/l	TM208	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
1,3-Dichlorobenzene	<2.2 µg/l	TM208	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,4-Dichlorobenzene	<2.7 µg/l	TM208	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
n-Butylbenzene	<2 µg/l	TM208	<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
1,2-Dichlorobenzene	<3.7 µg/l	TM208	<3.7	<3.7	<3.7	<3.7	6.15	<3.7
1,2-Dibromo-3-chloropropane	<9.8 µg/l	TM208	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8
1,2,4-Trichlorobenzene	<2.3 µg/l	TM208	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Hexachlorobutadiene	<2.5 µg/l	TM208	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<3.5 µg/l	TM208	<3.5 #	3.92 #	<3.5 #	<3.5 #	4.83 #	<3.5 #
1,2,3-Trichlorobenzene	<3.1 µg/l	TM208	<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #
1,3,5-Trichlorobenzene	<10 µg/l	TM208	<10	<10	<10	<10	<10	<10
VOC TIC	-	TM208	No TIC's identified	See Attached	No TIC's identified	No TIC's identified	No TIC's identified	No TIC's identified

Validated

ALcontrol Laboratories Analytical Services

SDG: 101112-95
Job: H_WYG_MAN-29
Client Reference: A64184
Location: Openshaw West

Customer: WYG Geo-Environment
Attention: Danielle Kobak
Order No.:
Report No: 105184

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref. / Depth (m) / Sample Type / Date Sampled / Date Received / SDG Ref / Lab Sample No.(s) / AGS Reference					
			BHS304	BHS314	BHS319	BHS324	BHS329	DUP A
			Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396612	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396559	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396634	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396667	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396531	Water(GW/SW) 10/11/2010 12/11/2010 101112-95 2396445
Alkalinity, Total as CaCO3	<2 mg/l	TM043	85 #	60 #	270 #	500 #	340 #	210 #
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099	1.18 #	<0.2 #	<0.2 #	8.18 #	2.18 #	1.17 #
Sulphide	<0.01 mg/l	TM101	<0.01 #	<0.01 #	0.026 #	0.024 #	<0.01 #	0.062 #
Conductivity @ 20 deg.C	<0.014 mS/cm	TM120	1.47 #	1.16 #	1.96 #	2.17 #		
Antimony (diss.filt)	<0.16 µg/l	TM152	5.63 #	4.82 #	5.69 #	12.6 #	<0.16 #	
Arsenic (diss.filt)	<0.12 µg/l	TM152	23200 #	39 #	336 #	295 #	29.2 #	<0.12 #
Boron (diss.filt)	<9.4 µg/l	TM152	116 #	1480 #	76.5 #	237 #	145 #	111 #
Cadmium (diss.filt)	<0.1 µg/l	TM152	0.215 #	0.141 #	0.606 #	<0.1 #	0.164 #	<0.1 #
Chromium (diss.filt)	<0.22 µg/l	TM152	5.39 #	1.72 #	9.09 #	16.3 #	18.5 #	6.98 #
Copper (diss.filt)	<0.85 µg/l	TM152	60.6 #	3.53 #	8.92 #	3.42 #	3.67 #	1.56 #
Lead (diss.filt)	<0.02 µg/l	TM152	12.8 #	1.73 #	50.8 #	20 #	30.8 #	3.71 #
Nickel (diss.filt)	<0.15 µg/l	TM152	6.83 #	4.07 #	13.8 #	3.52 #	17.5 #	2.63 #
Selenium (diss.filt)	<0.39 µg/l	TM152	16.7 #	<0.39 #	9.9 #	<0.39 #	<0.39 #	<0.39 #
Vanadium (diss.filt)	<0.24 µg/l	TM152	6.12 #	18.4 #	5.99 #	4.94 #	14.6 #	
Zinc (diss.filt)	<0.41 µg/l	TM152	36.1 #	3.56 #	322 #	4.57 #	137 #	14.5 #
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172	<46 #	<46 #	3560 #	654 #	<46 #	198 #
EPH Band >C10-C20 (aq)	<10 µg/l	TM172	<10	<10	1620	582	<10	126
EPH Band >C20-C30 (aq)	<10 µg/l	TM172	<10	<10	1550	56	<10	49.3
EPH Band >C30-C40 (aq)	<10 µg/l	TM172	<10	<10	383	17.5	<10	22.3
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01 #	0.0231 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #
Sulphate	<3 mg/l	TM184	804 #	487 #	1080 #	683 #	200 #	8 #
Chloride	<0.08 mg/l	TM226	28 #	67.6 #	17.8 #	103 #		
Cyanide, Total	<0.05 mg/l	TM227	<0.05 #	<0.05 #	<0.05 #	<0.05 #	<0.05 #	<0.05 #
Calcium (diss.filt)	<0.012 mg/l	TM228	334	133	532	222		
Magnesium (diss.filt)	<0.036 mg/l	TM228	7.34	0.526	4.7	27.5		
pH	<1 pH Units	TM256	8.1 #	8.04 #	8.09 #	8.31 #	8.35 #	8.5 #
Resorcinol (low level)	<0.5 µg/l	TM259	<0.5	<0.5			<0.5	
Catechol (low level)	<0.5 µg/l	TM259	<0.5	<0.5			10.4	
Resorcinol	<0.01 mg/l	TM259			<0.01	<0.01		<0.1
Catechol	<0.01 mg/l	TM259			<0.01	<0.01		<0.1
Phenol (low level)	<0.5 µg/l	TM259	<0.5	1.7			<0.5	
Cresols (low level)	<0.5 µg/l	TM259	<0.5	<0.5			<0.5	
Phenol	<0.002 mg/l	TM259			0.01 #	<0.002 #		<0.02 #
Cresols	<0.006 mg/l	TM259			0.06 #	<0.006 #		<0.06 #
Xylenols (low level)	<0.5 µg/l	TM259	<0.5	<0.5			<0.5	
1-Napthol (low level)	<0.5 µg/l	TM259	<0.5	<0.5			<0.5	
Xylenols	<0.008 mg/l	TM259			0.65 #	0.15 #		<0.08 #
1-Naphthol	<0.01 mg/l	TM259			<0.01 #	0.02 #		<0.1 #
2,3,5-Trimethylphenol (low level)	<0.5 µg/l	TM259	<0.5	<0.5			<0.5	

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BHS304	BHS314	BHS319	BHS324	BHS329	DUP A
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396612	2396559	2396634	2396667	2396531	2396445
			AGS Reference						
2,3,5-Trimethylphenol	<0.003 mg/l	TM259				<0.003 #	<0.003 #		<0.03 #
2-Isopropylphenol (low level)	<0.5 µg/l	TM259		<0.5	<0.5			<0.5	
2-Isopropylphenol	<0.006 mg/l	TM259				0.18 #	<0.006 #		<0.06 #
Phenols, Total monohydric (low level)	<0.5 µg/l	TM259		<0.5	1.7			<0.5	
Phenols, Total 5 speciated (low level)	<0.5 µg/l	TM259		<0.5	1.7			<0.5	
Phenols, Total monohydric	<0.015 mg/l	TM259				0.72 #	0.15 #		<0.015 #
Phenols, Total 5 speciated	<0.025 mg/l	TM259				0.9	0.15		<0.025

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

GRO by GC-FID (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.	BHS304	BHS314	BHS319	BHS324	BHS329	DUP A
Depth (m)						
Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95	101112-95
Lab Sample No.(s)	2396612	2396559	2396634	2396667	2396531	2396445
AGS Reference						

Component	LOD/Units	Method						
GRO Surrogate % recovery**	%	TM245	82	86	79	155	79	82
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245	<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Benzene	<7 µg/l	TM245	<7 #	<7 #	79 #	82 #	<7 #	9 #
Toluene	<4 µg/l	TM245	<4 #	<4 #	14 #	<4 #	<4 #	<4 #
Ethylbenzene	<5 µg/l	TM245	<5 #	<5 #	19 #	<5 #	<5 #	<5 #
m,p-Xylene	<8 µg/l	TM245	<8 #	<8 #	24 #	<8 #	<8 #	<8 #
o-Xylene	<3 µg/l	TM245	<3 #	<3 #	15 #	<3 #	<3 #	<3 #
GRO >C10-C12	<10 µg/l	TM245	<10	<10	204	61	<10	12
GRO >C5-C10	<10 µg/l	TM245	<10	<10	256	39	<10	186
m,p,o-Xylene	<10 µg/l	TM245	<10	<10	39	<10	<10	<10
BTEX, Total	<10 µg/l	TM245	<10	<10	151	82	<10	<10
GRO >C5-C12	<50 µg/l	TM245	<50 #	<50 #	461 #	176 #	<50 #	202 #

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

PAH Spec MS - Aqueous (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BHS304	BHS314	BHS319	BHS324	BHS329	DUP A
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396612	2396559	2396634	2396667	2396531	2396445
			AGS Reference						
Naphthalene (aq)	<0.1 µg/l	TM178		<0.1 #	<0.1 #	38.2 #	4.6 #	<0.1 #	0.325 #
Acenaphthene (aq)	<0.015 µg/l	TM178		<0.015 #	<0.015 #	41 #	40.2 #	<0.015 #	0.145 #
Acenaphthylene (aq)	<0.011 µg/l	TM178		<0.011 #	<0.011 #	1.9 #	0.0983 #	<0.011 #	0.0649 #
Fluoranthene (aq)	<0.014 µg/l	TM178		<0.014 #	<0.014 #	116 #	1.12 #	<0.014 #	0.184 #
Anthracene (aq)	<0.015 µg/l	TM178		<0.015 #	<0.015 #	16.1 #	0.474 #	<0.015 #	0.0917 #
Phenanthrene (aq)	<0.022 µg/l	TM178		<0.022 #	<0.022 #	47.5 #	0.0837 #	<0.022 #	0.133 #
Fluorene (aq)	<0.014 µg/l	TM178		<0.014 #	<0.014 #	24.2 #	1.47 #	<0.014 #	0.0949 #
Chrysene (aq)	<0.013 µg/l	TM178		<0.013 #	<0.013 #	67.8 #	0.0276 #	<0.013 #	0.0476 #
Pyrene (aq)	<0.015 µg/l	TM178		<0.015 #	<0.015 #	116 #	0.704 #	<0.015 #	0.209 #
Benzo(a)anthracene (aq)	<0.017 µg/l	TM178		<0.017 #	<0.017 #	57.7 #	0.0317 #	<0.017 #	0.102 #
Benzo(b)fluoranthene (aq)	<0.023 µg/l	TM178		<0.023 #	<0.023 #	34.1 #	<0.023 #	<0.023 #	0.192 #
Benzo(k)fluoranthene (aq)	<0.027 µg/l	TM178		<0.027 #	<0.027 #	20.3 #	<0.027 #	<0.027 #	0.0833 #
Benzo(a)pyrene (aq)	<0.009 µg/l	TM178		<0.009 #	<0.009 #	26.3 #	<0.009 #	<0.009 #	0.0994 #
Dibenzo(a,h)anthracene (aq)	<0.016 µg/l	TM178		<0.016 #	<0.016 #	2.83 #	<0.016 #	<0.016 #	0.0639 #
Benzo(g,h,i)perylene (aq)	<0.016 µg/l	TM178		<0.016 #	<0.016 #	8.64 #	<0.016 #	<0.016 #	0.101 #
Indeno(1,2,3-cd)pyrene (aq)	<0.014 µg/l	TM178		<0.014 #	<0.014 #	7.49 #	<0.014 #	<0.014 #	0.205 #
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	<0.1 µg/l	TM178		<0.1 #	<0.1 #	626 #	48.8 #	<0.1 #	2.14 #

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BHS304	BHS314	BHS319	BHS324	BHS329
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396612	2396559	2396634	2396667	2396531
			AGS Reference					
1,2,4-Trichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
1,2-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	34.1	<1
1,3-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
1,4-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4,5-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4,6-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4-Dichlorophenol (aq)	<1 µg/l	TM176		<1	<1	1.91	<1	<1
2,4-Dimethylphenol (aq)	<1 µg/l	TM176		<1	<1	103	<1	<1
2,4-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,6-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Chloronaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Chlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	58.7	<1
2-Methylnaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Methylphenol (aq)	<1 µg/l	TM176		<1	<1	7.83	<1	<1
2-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
3-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Bromophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Chloro-3-methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Chloroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	2.24	<1
4-Chlorophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Azobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
bis(2-Chloroethyl)ether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
bis(2-Chloroethoxy)methane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
bis(2-Ethylhexyl) phthalate (aq)	<2 µg/l	TM176		<2	<2	<2	<2	<2
Butylbenzyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Benzo(k)fluoranthene (aq)	<1 µg/l	TM176		<1	<1	2.36	<1	<1
Carbazole (aq)	<1 µg/l	TM176		<1	<1	1.31	<1	<1
Dibenzofuran (aq)	<1 µg/l	TM176		<1	<1	10.4	<1	<1
n-Dibutyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Diethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Dimethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
n-Dioctyl phthalate (aq)	<5 µg/l	TM176		<5	<5	<5	<5	<5
Hexachlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Hexachlorobutadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Pentachlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BHS304	BHS314	BHS319	BHS324	BHS329
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396612	2396559	2396634	2396667	2396531
			AGS Reference					
Phenol (aq)	<1 µg/l	TM176		<1	<1	<1	2.56	<1
n-Nitroso-n-dipropylamine (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Hexachloroethane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Nitrobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Isophorone (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Hexachlorocyclopentadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Indeno(1,2,3-cd)pyrene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
SVOC TIC (aq)	-	TM176		No TIC's identified	No TIC's identified	See Attached	See Attached	See Attached

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

TPH CWG (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BHS304	BHS314	BHS319	BHS324	BHS329
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396612	2396559	2396634	2396667	2396531
			AGS Reference					
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174		<10	<10	2310	230	<10
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174		<10	<10	268	54	<10
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174		<10	<10	279	<10	<10
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174		<10	<10	1310	<10	<10
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174		<10	<10	1850	54	<10
Aliphatics >C5-C6	<10 µg/l	TM245		<10	<10	<10	<10	<10
Aliphatics >C6-C8	<10 µg/l	TM245		<10	<10	11	<10	<10
Aliphatics >C8-C10	<10 µg/l	TM245		<10	<10	55	14	<10
Aliphatics >C10-C12	<10 µg/l	TM245		<10	<10	122	37	<10
Aromatics >EC5-EC7	<10 µg/l	TM245		<10	<10	79	82	<10
Aromatics >EC7-EC8	<10 µg/l	TM245		<10	<10	14	<10	<10
Aromatics >EC8-EC10	<10 µg/l	TM245		<10	<10	95	13	<10
Aromatics >EC10-EC12	<10 µg/l	TM245		<10	<10	82	24	<10

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
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diss.filt	Dissolved / filtered sample.
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*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BHS304	BHS314	BHS319	BHS324	BHS329
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			Date Received	12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			SDG Ref	101112-95	101112-95	101112-95	101112-95	101112-95
			Lab Sample No.(s)	2396612	2396559	2396634	2396667	2396531
			AGS Reference					
Dibromofluoromethane**	%	TM208		105	105	106	106	106
Toluene-d8**	%	TM208		101	99.2	101	101	99.8
4-Bromofluorobenzene**	%	TM208		102	101	102	106	98.6
Dichlorodifluoromethane	<7 µg/l	TM208		<7 #	<7 #	<7 #	<7 #	<7 #
Chloromethane	<9 µg/l	TM208		<9 #	<9 #	<9 #	<9 #	<9 #
Vinyl chloride	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromomethane	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #
Chloroethane	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
Trichlorofluoromethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloroethene	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Carbon disulphide	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Dichloromethane	<3.7 µg/l	TM208		<3.7 #	<3.7 #	<3.7 #	<3.7 #	<3.7 #
Methyl tertiary butyl ether (MTBE)	<1.6 µg/l	TM208		<1.6 #	<1.6 #	<1.6 #	<1.6 #	<1.6 #
trans-1,2-Dichloroethene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,1-Dichloroethane	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
cis-1,2-Dichloroethene	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
2,2-Dichloropropane	<3.8 µg/l	TM208		<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #
Bromochloromethane	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Chloroform	<1.8 µg/l	TM208		<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
1,1,1-Trichloroethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloropropene	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Carbontetrachloride	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,2-Dichloroethane	<3.3 µg/l	TM208		<3.3	<3.3	<3.3	<3.3	<3.3
Benzene	<1.3 µg/l	TM208		<1.3 #	<1.3 #	102 #	120 #	<1.3 #
Trichloroethene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
1,2-Dichloropropane	<3 µg/l	TM208		<3 #	<3 #	<3 #	<3 #	<3 #
Dibromomethane	<2.7 µg/l	TM208		<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
Bromodichloromethane	<0.9 µg/l	TM208		<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #
cis-1,3-Dichloropropene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Toluene	<1.4 µg/l	TM208		<1.4 #	<1.4 #	17.6 #	<1.4 #	<1.4 #
trans-1,3-Dichloropropene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,2-Trichloroethane	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,3-Dichloropropane	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
Tetrachloroethene	<1.5 µg/l	TM208		<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #
Dibromochloromethane	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
1,2-Dibromoethane	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Chlorobenzene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	6610 #	<3.5 #
1,1,1,2-Tetrachloroethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Ethylbenzene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	20.6 #	3.6 #	<2.5 #

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref. / Depth (m) / Sample Type / Date Sampled / Date Received / SDG Ref / Lab Sample No.(s) / AGS Reference				
			BHS304	BHS314	BHS319	BHS324	BHS329
			Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
			12/11/2010	12/11/2010	12/11/2010	12/11/2010	12/11/2010
			101112-95	101112-95	101112-95	101112-95	101112-95
			2396612	2396559	2396634	2396667	2396531
m,p-Xylene	<2.5 µg/l	TM208	<2.5 #	<2.5 #	25.6 #	<2.5 #	<2.5 #
o-Xylene	<1.7 µg/l	TM208	<1.7 #	<1.7 #	14.9 #	<1.7 #	<1.7 #
Styrene	<1.2 µg/l	TM208	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromoform	<3 µg/l	TM208	<3 #	<3 #	<3 #	<3 #	<3 #
Isopropylbenzene	<1.4 µg/l	TM208	<1.4 #	<1.4 #	<1.4 #	1.94 #	<1.4 #
1,1,2,2-Tetrachloroethane	<5.2 µg/l	TM208	<5.2	<5.2	<5.2	<5.2	<5.2
1,2,3-Trichloropropane	<7.8 µg/l	TM208	<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #
Bromobenzene	<2 µg/l	TM208	<2 #	<2 #	<2 #	<2 #	<2 #
Propylbenzene	<2.6 µg/l	TM208	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
2-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,3,5-Trimethylbenzene	<1.8 µg/l	TM208	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
4-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
tert-Butylbenzene	<2 µg/l	TM208	<2 #	<2 #	<2 #	<2 #	<2 #
1,2,4-Trimethylbenzene	<1.7 µg/l	TM208	<1.7 #	<1.7 #	5.19 #	<1.7 #	<1.7 #
sec-Butylbenzene	<1.7 µg/l	TM208	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
4-iso-Propyltoluene	<2.6 µg/l	TM208	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
1,3-Dichlorobenzene	<2.2 µg/l	TM208	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,4-Dichlorobenzene	<2.7 µg/l	TM208	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
n-Butylbenzene	<2 µg/l	TM208	<2 #	<2 #	<2 #	<2 #	<2 #
1,2-Dichlorobenzene	<3.7 µg/l	TM208	<3.7	<3.7	<3.7	108	<3.7
1,2-Dibromo-3-chloropropane	<9.8 µg/l	TM208	<9.8	<9.8	<9.8	<9.8	<9.8
1,2,4-Trichlorobenzene	<2.3 µg/l	TM208	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Hexachlorobutadiene	<2.5 µg/l	TM208	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<3.5 µg/l	TM208	<3.5 #	<3.5 #	548 #	<3.5 #	<3.5 #
1,2,3-Trichlorobenzene	<3.1 µg/l	TM208	<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #
1,3,5-Trichlorobenzene	<10 µg/l	TM208	<10	<10	<10	<10	<10
VOC TIC	-	TM208	No TIC's identified	No TIC's identified	See Attached	See Attached	No TIC's identified

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	Depth (m)	Sample Type	Date Sampled	Date Received	SDG Ref	Lab Sample No.(s)	AGS Reference
			WS408		Water(GW/SW)	10/11/2010	12/11/2010	101112-95	2456828	
Alkalinity, Total as CaCO3	<2 mg/l	TM043	305 #							
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099	4.11 #							
Sulphide	<0.01 mg/l	TM101	<0.01 #							
Conductivity @ 20 deg.C	<0.014 mS/cm	TM120	1.33 #							
Antimony (diss.filt)	<0.16 µg/l	TM152	11.3 #							
Arsenic (diss.filt)	<0.12 µg/l	TM152	9.14 #							
Boron (diss.filt)	<9.4 µg/l	TM152	98.8 #							
Cadmium (diss.filt)	<0.1 µg/l	TM152	0.37 #							
Chromium (diss.filt)	<0.22 µg/l	TM152	32.8 #							
Copper (diss.filt)	<0.85 µg/l	TM152	30 #							
Lead (diss.filt)	<0.02 µg/l	TM152	53.1 #							
Nickel (diss.filt)	<0.15 µg/l	TM152	21.1 #							
Selenium (diss.filt)	<0.39 µg/l	TM152	4.51 #							
Vanadium (diss.filt)	<0.24 µg/l	TM152	60.2 #							
Zinc (diss.filt)	<0.41 µg/l	TM152	119 #							
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172	1360 #							
EPH Band >C10-C20 (aq)	<10 µg/l	TM172	912							
EPH Band >C20-C30 (aq)	<10 µg/l	TM172	358							
EPH Band >C30-C40 (aq)	<10 µg/l	TM172	88.4							
Mercury (diss.filt)	<0.01 µg/l	TM183	0.013 #							
Sulphate	<3 mg/l	TM184	174 #							
Chloride	<0.08 mg/l	TM226	101 #							
Cyanide, Total	<0.05 mg/l	TM227	<0.05 #							
Calcium (diss.filt)	<0.012 mg/l	TM228	86.2							
Magnesium (diss.filt)	<0.036 mg/l	TM228	<0.036							
pH	<1 pH Units	TM256	11.3 #							
Resorcinol	<0.01 mg/l	TM259	<0.01							
Catechol	<0.01 mg/l	TM259	0.29							
Phenol	<0.002 mg/l	TM259	1.58 #							
Cresols	<0.006 mg/l	TM259	0.24 #							
Xylenols	<0.008 mg/l	TM259	0.61 #							
1-Naphthol	<0.01 mg/l	TM259	<0.01 #							
2,3,5-Trimethylphenol	<0.003 mg/l	TM259	<0.003 #							
2-Isopropylphenol	<0.006 mg/l	TM259	<0.006 #							
Phenols, Total monohydric	<0.015 mg/l	TM259	2.43 #							
Phenols, Total 5 speciated	<0.025 mg/l	TM259	2.43							

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

GRO by GC-FID (W)

Results Legend	
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*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	WS408
			Depth (m)	
			Sample Type	Water(GW/SW)
			Date Sampled	10/11/2010
			Date Received	12/11/2010
			SDG Ref	101112-95
			Lab Sample No.(s)	2456828
			AGS Reference	
GRO Surrogate % recovery**	%	TM245		82
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245		<3 #
Benzene	<7 µg/l	TM245		<7 #
Toluene	<4 µg/l	TM245		26 #
Ethylbenzene	<5 µg/l	TM245		<5 #
m,p-Xylene	<8 µg/l	TM245		<8 #
o-Xylene	<3 µg/l	TM245		<3 #
GRO >C10-C12	<10 µg/l	TM245		74
GRO >C5-C10	<10 µg/l	TM245		97
m,p,o-Xylene	<10 µg/l	TM245		<10
BTEX, Total	<10 µg/l	TM245		26
GRO >C5-C12	<50 µg/l	TM245		171 #

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

PAH Spec MS - Aqueous (W)

Results Legend	
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M	*m*CERTS accredited.
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tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.	WS408
Depth (m)	
Sample Type	Water(GW/SW)
Date Sampled	10/11/2010
Date Received	12/11/2010
SDG Ref	101112-95
Lab Sample No.(s)	2456828
AGS Reference	

Component	LOD/Units	Method		
Naphthalene (aq)	<0.1 µg/l	TM178	0.234 #	
Acenaphthene (aq)	<0.015 µg/l	TM178	0.586 #	
Acenaphthylene (aq)	<0.011 µg/l	TM178	0.0294 #	
Fluoranthene (aq)	<0.014 µg/l	TM178	0.254 #	
Anthracene (aq)	<0.015 µg/l	TM178	0.0764 #	
Phenanthrene (aq)	<0.022 µg/l	TM178	0.179 #	
Fluorene (aq)	<0.014 µg/l	TM178	0.181 #	
Chrysene (aq)	<0.013 µg/l	TM178	0.123 #	
Pyrene (aq)	<0.015 µg/l	TM178	0.297 #	
Benzo(a)anthracene (aq)	<0.017 µg/l	TM178	0.142 #	
Benzo(b)fluoranthene (aq)	<0.023 µg/l	TM178	0.116 #	
Benzo(k)fluoranthene (aq)	<0.027 µg/l	TM178	0.0889 #	
Benzo(a)pyrene (aq)	<0.009 µg/l	TM178	0.115 #	
Dibenzo(a,h)anthracene (aq)	<0.016 µg/l	TM178	<0.016 #	
Benzo(g,h,i)perylene (aq)	<0.016 µg/l	TM178	0.0705 #	
Indeno(1,2,3-cd)pyrene (aq)	<0.014 µg/l	TM178	0.0543 #	
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	<0.1 µg/l	TM178	2.55 #	

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	WS408
			Depth (m)	
			Sample Type	Water(GW/SW)
			Date Sampled	10/11/2010
			Date Received	12/11/2010
			SDG Ref	101112-95
			Lab Sample No.(s)	2456828
			AGS Reference	
1,2,4-Trichlorobenzene (aq)	<1 µg/l	TM176		<10
1,2-Dichlorobenzene (aq)	<1 µg/l	TM176		<10
1,3-Dichlorobenzene (aq)	<1 µg/l	TM176		<10
1,4-Dichlorobenzene (aq)	<1 µg/l	TM176		<10
2,4,5-Trichlorophenol (aq)	<1 µg/l	TM176		<10
2,4,6-Trichlorophenol (aq)	<1 µg/l	TM176		<10
2,4-Dichlorophenol (aq)	<1 µg/l	TM176		1050
2,4-Dimethylphenol (aq)	<1 µg/l	TM176		86.3
2,4-Dinitrotoluene (aq)	<1 µg/l	TM176		<10
2,6-Dinitrotoluene (aq)	<1 µg/l	TM176		<10
2-Chloronaphthalene (aq)	<1 µg/l	TM176		<10
2-Chlorophenol (aq)	<1 µg/l	TM176		<10
2-Methylnaphthalene (aq)	<1 µg/l	TM176		<10
2-Methylphenol (aq)	<1 µg/l	TM176		<10
2-Nitroaniline (aq)	<1 µg/l	TM176		<10
2-Nitrophenol (aq)	<1 µg/l	TM176		<10
3-Nitroaniline (aq)	<1 µg/l	TM176		<10
4-Bromophenylphenylether (aq)	<1 µg/l	TM176		<10
4-Chloro-3-methylphenol (aq)	<1 µg/l	TM176		<10
4-Chloroaniline (aq)	<1 µg/l	TM176		<10
4-Chlorophenylphenylether (aq)	<1 µg/l	TM176		<10
4-Methylphenol (aq)	<1 µg/l	TM176		<10
4-Nitrophenol (aq)	<1 µg/l	TM176		<10
4-Nitroaniline (aq)	<1 µg/l	TM176		<10
Azobenzene (aq)	<1 µg/l	TM176		<10
bis(2-Chloroethyl)ether (aq)	<1 µg/l	TM176		<10
bis(2-Chloroethoxy)methane (aq)	<1 µg/l	TM176		<10
bis(2-Ethylhexyl) phthalate (aq)	<2 µg/l	TM176		<20
Butylbenzyl phthalate (aq)	<1 µg/l	TM176		<10
Benzo(k)fluoranthene (aq)	<1 µg/l	TM176		<10
Carbazole (aq)	<1 µg/l	TM176		<10
Dibenzofuran (aq)	<1 µg/l	TM176		<10
n-Dibutyl phthalate (aq)	<1 µg/l	TM176		<10
Diethyl phthalate (aq)	<1 µg/l	TM176		<10
Dimethyl phthalate (aq)	<1 µg/l	TM176		<10
n-Dioctyl phthalate (aq)	<5 µg/l	TM176		<50
Hexachlorobenzene (aq)	<1 µg/l	TM176		<10
Hexachlorobutadiene (aq)	<1 µg/l	TM176		<10
Pentachlorophenol (aq)	<1 µg/l	TM176		<10

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.			WS408
Depth (m)			
Sample Type			Water(GW/SW)
Date Sampled			10/11/2010
Date Received			12/11/2010
SDG Ref			101112-95
Lab Sample No.(s)			2456828
AGS Reference			
Component	**LOD/Units**	**Method**	
Phenol (aq)	<1 µg/l	TM176	<10
n-Nitroso-n-dipropylamine (aq)	<1 µg/l	TM176	<10
Hexachloroethane (aq)	<1 µg/l	TM176	<10
Nitrobenzene (aq)	<1 µg/l	TM176	<10
Isophorone (aq)	<1 µg/l	TM176	<10
Hexachlorocyclopentadiene (aq)	<1 µg/l	TM176	<10
Indeno(1,2,3-cd)pyrene (aq)	<1 µg/l	TM176	<10
SVOC TIC (aq)	-	TM176	See Attached

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

TPH CWG (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	WS408
			Depth (m)	
			Sample Type	Water(GW/SW)
			Date Sampled	10/11/2010
			Date Received	12/11/2010
			SDG Ref	101112-95
			Lab Sample No.(s)	2456828
			AGS Reference	
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174		271
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174		<10
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174		100
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174		<10
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174		<10
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174		<10
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174		<10
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174		<10
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174		100
Aliphatics >C5-C6	<10 µg/l	TM245		13
Aliphatics >C6-C8	<10 µg/l	TM245		19
Aliphatics >C8-C10	<10 µg/l	TM245		19
Aliphatics >C10-C12	<10 µg/l	TM245		45
Aromatics >EC5-EC7	<10 µg/l	TM245		<10
Aromatics >EC7-EC8	<10 µg/l	TM245		26
Aromatics >EC8-EC10	<10 µg/l	TM245		21
Aromatics >EC10-EC12	<10 µg/l	TM245		30

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	WS408
			Depth (m)	
			Sample Type	Water(GW/SW)
			Date Sampled	10/11/2010
			Date Received	12/11/2010
			SDG Ref	101112-95
			Lab Sample No.(s)	2456828
			AGS Reference	
Dibromofluoromethane**	%	TM208		0.516
Toluene-d8**	%	TM208		101
4-Bromofluorobenzene**	%	TM208		103
Dichlorodifluoromethane	<7 µg/l	TM208		<7 #
Chloromethane	<9 µg/l	TM208		<9 #
Vinyl chloride	<1.2 µg/l	TM208		<1.2 #
Bromomethane	<2 µg/l	TM208		<2 #
Chloroethane	<2.5 µg/l	TM208		<2.5 #
Trichlorofluoromethane	<1.3 µg/l	TM208		1.41 #
1,1-Dichloroethene	<1.2 µg/l	TM208		<1.2 #
Carbon disulphide	<1.3 µg/l	TM208		<1.3 #
Dichloromethane	<3.7 µg/l	TM208		<3.7 #
Methyl tertiary butyl ether (MTBE)	<1.6 µg/l	TM208		<1.6 #
trans-1,2-Dichloroethene	<1.9 µg/l	TM208		<1.9 #
1,1-Dichloroethane	<1.2 µg/l	TM208		<1.2 #
cis-1,2-Dichloroethene	<2.3 µg/l	TM208		<2.3 #
2,2-Dichloropropane	<3.8 µg/l	TM208		<3.8 #
Bromochloromethane	<1.9 µg/l	TM208		<1.9 #
Chloroform	<1.8 µg/l	TM208		<1.8 #
1,1,1-Trichloroethane	<1.3 µg/l	TM208		<1.3 #
1,1-Dichloropropene	<1.3 µg/l	TM208		<1.3 #
Carbontetrachloride	<1.4 µg/l	TM208		<1.4 #
1,2-Dichloroethane	<3.3 µg/l	TM208		<3.3
Benzene	<1.3 µg/l	TM208		4.52 #
Trichloroethene	<2.5 µg/l	TM208		<2.5 #
1,2-Dichloropropane	<3 µg/l	TM208		<3 #
Dibromomethane	<2.7 µg/l	TM208		<2.7 #
Bromodichloromethane	<0.9 µg/l	TM208		<0.9 #
cis-1,3-Dichloropropene	<1.9 µg/l	TM208		<1.9 #
Toluene	<1.4 µg/l	TM208		28.9 #
trans-1,3-Dichloropropene	<3.5 µg/l	TM208		<3.5 #
1,1,2-Trichloroethane	<2.2 µg/l	TM208		<2.2 #
1,3-Dichloropropane	<2.2 µg/l	TM208		<2.2 #
Tetrachloroethene	<1.5 µg/l	TM208		<1.5 #
Dibromochloromethane	<1.7 µg/l	TM208		<1.7 #
1,2-Dibromoethane	<2.3 µg/l	TM208		<2.3 #
Chlorobenzene	<3.5 µg/l	TM208		<3.5 #
1,1,1,2-Tetrachloroethane	<1.3 µg/l	TM208		<1.3 #
Ethylbenzene	<2.5 µg/l	TM208		<2.5 #

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.	WS408
Depth (m)	
Sample Type	Water(GW/SW)
Date Sampled	10/11/2010
Date Received	12/11/2010
SDG Ref	101112-95
Lab Sample No.(s)	2456828
AGS Reference	

Component	LOD/Units	Method	
m,p-Xylene	<2.5 µg/l	TM208	<2.5 #
o-Xylene	<1.7 µg/l	TM208	<1.7 #
Styrene	<1.2 µg/l	TM208	7.12 #
Bromoform	<3 µg/l	TM208	<3 #
Isopropylbenzene	<1.4 µg/l	TM208	<1.4 #
1,1,2,2-Tetrachloroethane	<5.2 µg/l	TM208	<5.2
1,2,3-Trichloropropane	<7.8 µg/l	TM208	<7.8 #
Bromobenzene	<2 µg/l	TM208	<2 #
Propylbenzene	<2.6 µg/l	TM208	<2.6 #
2-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #
1,3,5-Trimethylbenzene	<1.8 µg/l	TM208	<1.8 #
4-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #
tert-Butylbenzene	<2 µg/l	TM208	<2 #
1,2,4-Trimethylbenzene	<1.7 µg/l	TM208	<1.7 #
sec-Butylbenzene	<1.7 µg/l	TM208	<1.7 #
4-iso-Propyltoluene	<2.6 µg/l	TM208	<2.6 #
1,3-Dichlorobenzene	<2.2 µg/l	TM208	<2.2 #
1,4-Dichlorobenzene	<2.7 µg/l	TM208	<2.7 #
n-Butylbenzene	<2 µg/l	TM208	<2 #
1,2-Dichlorobenzene	<3.7 µg/l	TM208	<3.7
1,2-Dibromo-3-chloropropane	<9.8 µg/l	TM208	<9.8
1,2,4-Trichlorobenzene	<2.3 µg/l	TM208	<2.3 #
Hexachlorobutadiene	<2.5 µg/l	TM208	<2.5 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #
Naphthalene	<3.5 µg/l	TM208	<3.5 #
1,2,3-Trichlorobenzene	<3.1 µg/l	TM208	<3.1 #
1,3,5-Trichlorobenzene	<10 µg/l	TM208	<10
VOC TIC	-	TM208	See Attached

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

ASSOCIATED AQC DATA

Alkalinity as CaCO3

Component	Method Code	QC 22	QC 26	QC 26
Total Alkalinity as CaCO3	TM043	**102.50** 95.50 : 104.50	**102.50** 95.50 : 104.50	**102.50** 95.50 : 104.50

Ammonium

Component	Method Code	QC 22	QC 22	QC 23	QC 24
Ammoniacal Nitrogen as N	TM099	**102.34** 97.38 : 106.13	**98.90** 97.38 : 106.13	**102.86** 97.38 : 106.13	**99.46** 97.38 : 106.13

Anions by ion Chromatography

Component	Method Code	QC 21	QC 24	QC 20
Bromide (W)	TM226	**101.03** 87.20 : 117.98	**99.96** 87.20 : 117.98	**100.70** 87.20 : 117.98
Chloride (W)	TM226	**100.86** 87.93 : 118.97	**100.42** 87.93 : 118.97	**101.10** 87.93 : 118.97
Fluoride (W)	TM226	**100.03** 85.99 : 116.34	**100.71** 85.99 : 116.34	**101.42** 85.99 : 116.34
Nitrate (W)	TM226	**99.10** 85.72 : 115.98	**97.73** 85.72 : 115.98	**98.79** 85.72 : 115.98
Nitrite (W)	TM226	**103.41** 88.58 : 119.84	**103.20** 88.58 : 119.84	**104.04** 88.58 : 119.84
Phosphate (W)	TM226	**99.90** 86.12 : 116.51	**98.30** 86.12 : 116.51	**99.19** 86.12 : 116.51
Sulphate (W)	TM226	**100.73** 87.56 : 118.46	**99.46** 87.56 : 118.46	**100.41** 87.56 : 118.46

Anions by Kone (w)

Component	Method Code	QC 27	QC 29	QC 27	QC 21
Chloride	TM184	**101.80** 92.01 : 104.18	**102.90** 94.23 : 107.50	**101.50** 92.01 : 104.18	**97.90** 92.01 : 104.18
Nitrite as NO2	TM184	**100.00** 92.92 : 105.47	**98.20** 95.28 : 105.30	**101.20** 92.92 : 105.47	**97.50** 92.92 : 105.47
Phosphate (Ortho as PO4)	TM184	**103.00** 95.51 : 106.92		**102.80** 95.51 : 106.92	**104.12** 95.51 : 106.92
Sulphate (soluble)	TM184	**98.00** 95.09 : 105.03	**100.84** 94.38 : 108.93	**101.80** 95.09 : 105.03	**100.16** 95.09 : 105.03
TON as NO3	TM184	**98.45** 93.27 : 107.89	**102.96** 98.83 : 109.23	**102.03** 93.27 : 107.89	**100.42** 93.27 : 107.89

Conductivity (at 20 deg.C)

Component	Method Code	QC 20	QC 25	QC 22
Conductivity (at 20 deg.C)	TM120	**98.67** 96.85 : 101.66	**99.22** 96.85 : 101.66	**98.82** 96.85 : 101.66

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

Cyanide Comp/Free/Total/Thiocyanate

Component	Method Code	QC 29	QC 21	QC 27
Free Cyanide (W)	TM227	**95.00** 87.13 : 117.88	**97.30** 87.13 : 117.88	**94.55** 87.13 : 117.88
Thiocyanate (W)	TM227	**93.75** 84.79 : 114.71	**92.68** 84.79 : 114.71	**92.20** 84.79 : 114.71
Total Cyanide (W)	TM227	**96.45** 87.76 : 118.74	**96.55** 87.76 : 118.74	**97.85** 87.76 : 118.74

Dissolved Metals by ICP-MS

Component	Method Code	QC 20	QC 29
Aluminium	TM152	**103.04** 85.00 : 115.00	**104.61** 85.00 : 115.00
Antimony	TM152	**99.40** 85.00 : 115.00	**91.28** 85.05 : 115.00
Arsenic	TM152	**95.43** 85.00 : 115.00	**95.51** 85.05 : 115.00
Barium	TM152	**98.05** 85.00 : 115.00	**99.65** 85.05 : 115.00
Beryllium	TM152	**110.21** 85.00 : 115.00	**106.60** 85.05 : 115.00
Bismuth	TM152	**100.28** 85.00 : 115.00	**94.03** 85.05 : 115.00
Boron	TM152	**110.76** 85.00 : 115.00	**93.15** 85.05 : 115.00
Cadmium	TM152	**99.88** 85.00 : 115.00	**93.31** 85.05 : 115.00
Chromium	TM152	**102.97** 85.00 : 115.00	**96.91** 85.05 : 115.00
Cobalt	TM152	**100.57** 85.00 : 115.00	**98.61** 85.05 : 115.00
Copper	TM152	**99.04** 85.00 : 115.00	**98.73** 85.05 : 115.00
Lead	TM152	**102.03** 85.00 : 115.00	**97.47** 85.05 : 115.00
Lithium	TM152	**114.95** 85.00 : 115.00	**95.49** 85.05 : 115.00
Manganese	TM152	**104.11** 85.00 : 115.00	**97.65** 85.05 : 115.00
Molybdenum	TM152	**96.32** 85.00 : 115.00	**92.33** 85.05 : 115.00
Nickel	TM152	**97.99** 85.00 : 115.00	**96.71** 85.05 : 115.00
Phosphorus	TM152	**89.64** 85.00 : 115.00	**103.64** 85.00 : 115.00
Selenium	TM152	**96.81** 85.00 : 115.00	**93.12** 85.00 : 115.00
Silver	TM152	**91.31** 85.00 : 115.00	**89.71** 85.00 : 115.00
Strontium	TM152	**104.05** 85.00 : 115.00	**101.05** 85.05 : 115.00
Tellurium	TM152	**98.40** 85.00 : 115.00	**95.80** 85.05 : 115.00

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

		QC 20	QC 29
Thallium	TM152	**101.08** 85.00 : 115.00	**97.32** 85.05 : 115.00
Tin	TM152	**101.47** 85.00 : 115.00	**95.36** 85.05 : 115.00
Titanium	TM152	**100.36** 85.00 : 115.00	**99.65** 85.05 : 115.00
Uranium	TM152	**101.83** 85.00 : 115.00	**97.75** 85.05 : 115.00
Vanadium	TM152	**101.71** 85.00 : 115.00	**97.91** 85.05 : 115.00
Zinc	TM152	**100.19** 85.00 : 115.00	**90.13** 85.00 : 115.00

EPH (DRO) (C10-C40) Aqueous (W)

Component	Method Code	QC 26	QC 24	QC 21
EPH (DRO) (C10-C40)	TM172	**85.92** 66.32 : 108.71	**88.26** 38.50 : 139.00	**80.80** 38.00 : 127.50

EPH CWG (Aliphatic) Aqueous GC (W)

Component	Method Code	QC 29	QC 22
Total Aliphatics >C12-C35	TM174	**87.98** 71.03 : 104.04	**84.33** 69.51 : 106.01

EPH CWG (Aromatic) Aqueous GC (W)

Component	Method Code	QC 24	QC 27
Total Aromatics >EC12-EC35	TM174	**101.14** 65.00 : 117.38	**95.20** 69.59 : 117.46

Mercury Dissolved

Component	Method Code	QC 27	QC 20	QC 24	QC 29
Mercury Dissolved (CVAF)	TM183	**93.70** 79.41 : 116.68	**101.00** 85.87 : 123.88	**93.20** 79.41 : 116.68	**95.20** 79.41 : 116.68

Metals by iCap-OES Dissolved (W)

Component	Method Code	QC 25
Calcium	TM228	**99.84** 81.78 : 115.59
Iron	TM228	**89.16** 81.04 : 106.35
Magnesium	TM228	**98.63** 81.62 : 113.40
Potassium	TM228	**96.62** 81.27 : 112.71

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

		QC 25
Sodium	TM228	**92.79** 81.34 : 114.58

PAH Spec MS - Aqueous (W)

Component	Method Code	QC 27	QC 27	QC 27
Acenaphthene by GCMS	TM178	**101.09** 82.69 : 106.11	**98.58** 85.48 : 106.23	**100.49** 85.48 : 106.23
Acenaphthylene by GCMS	TM178	**98.45** 82.16 : 104.82	**101.17** 80.12 : 106.77	**101.01** 80.12 : 106.77
Anthracene by GCMS	TM178	**100.74** 77.85 : 105.75	**96.52** 77.85 : 105.75	**105.50** 77.85 : 105.75
Benz(a)anthracene by GCMS	TM178	**96.60** 75.32 : 108.18	**97.55** 78.50 : 107.21	**98.46** 78.50 : 107.21
Benzo(a)pyrene by GCMS	TM178	**108.53** 84.44 : 113.48	**110.22** 83.70 : 117.01	**111.01** 83.70 : 117.01
Benzo(b)fluoranthene by GCMS	TM178	**104.35** 87.25 : 114.25	**100.19** 87.25 : 114.25	**99.13** 87.25 : 114.25
Benzo(ghi)perylene by GCMS	TM178	**98.86** 82.05 : 112.05	**103.27** 82.05 : 112.05	**98.59** 82.05 : 112.05
Benzo(k)fluoranthene by GCMS	TM178	**111.17** 87.20 : 122.40	**114.49** 87.20 : 122.40	**111.02** 87.20 : 122.40
Chrysene by GCMS	TM178	**106.79** 83.22 : 112.82	**103.97** 85.32 : 108.58	**104.15** 85.32 : 108.58
Dibenzo(ah)anthracene by GCMS	TM178	**94.78** 72.40 : 118.55	**97.39** 72.40 : 118.55	**92.18** 72.40 : 118.55
Fluoranthene by GCMS	TM178	**101.43** 87.00 : 105.75	**104.32** 87.00 : 105.75	**101.34** 87.00 : 105.75
Fluorene by GCMS	TM178	**103.20** 83.12 : 110.71	**105.91** 83.15 : 107.63	**101.28** 83.15 : 107.63
Indeno(123cd)pyrene by GCMS	TM178	**102.46** 82.25 : 114.75	**105.70** 82.25 : 114.75	**102.23** 82.25 : 114.75
Naphthalene by GCMS	TM178	**102.25** 84.07 : 108.07	**100.23** 84.63 : 104.92	**100.58** 84.63 : 104.92
Phenanthrene by GCMS	TM178	**104.40** 86.79 : 108.29	**99.59** 86.86 : 107.20	**93.83** 86.86 : 107.20
Pyrene by GCMS	TM178	**100.98** 84.55 : 108.55	**104.01** 84.55 : 108.55	**101.23** 84.55 : 108.55
Volume	TM178	**15000.00**	**15000.00**	**15000.00**

pH Value

Component	Method Code	QC 26	QC 29	QC 27	QC 23
pH	TM256	**99.57** 90.96 : 108.19	**99.86** 98.71 : 100.43	**99.86** 98.71 : 100.43	**99.71** 98.71 : 100.43

Phenols by HPLC (W)

Component	Method Code	QC 25	QC 24
2.3.5 Trimethyl-Phenol by HPLC (W)	TM259	**104.00** 92.49 : 111.19	**104.00** 92.49 : 111.19
2-Isopropyl Phenol by HPLC (W)	TM259	**104.00** 93.11 : 114.56	**105.00** 93.11 : 114.56

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

		QC 25	QC 24
Cresols by HPLC (W)	TM259	**101.00** 90.76 : 106.89	**99.33** 90.76 : 106.89
Napthol by HPLC (W)	TM259	**93.00** 66.57 : 117.43	**96.00** 66.57 : 117.43
Phenol by HPLC (W)	TM259	**107.00** 90.28 : 112.28	**107.00** 90.28 : 112.28
Xylenols by HPLC (W)	TM259	**99.17** 86.08 : 100.76	**98.17** 86.08 : 100.76

Sulphide

Component	Method Code	QC 27	QC 27
Sulphide	TM101	**106.27** 77.08 : 135.77	**100.93** 77.08 : 135.77

SVOC MS (W) - Aqueous

Component	Method Code	QC 24	QC 26
4-Bromophenylphenyleth er	TM176	**92.38** 74.07 : 108.33	**98.93** 74.07 : 108.33
Benzo(a)anthracene	TM176	**91.29** 64.51 : 105.49	**93.77** 64.51 : 105.49
Benzo(a)pyrene	TM176	**81.78** 53.03 : 98.81	**78.98** 53.03 : 98.81
Butylbenzyl phthalate	TM176	**88.22** 63.86 : 115.28	**103.61** 63.86 : 115.28
Hexachlorobutadiene	TM176	**69.20** 45.86 : 100.88	**70.39** 45.86 : 100.88
Naphthalene	TM176	**98.19** 75.05 : 106.07	**94.86** 75.05 : 106.07
Nitrobenzene	TM176	**98.27** 69.60 : 106.80	**95.23** 69.60 : 106.80
Phenol	TM176	**59.07** 45.42 : 71.52	**55.88** 45.42 : 71.52

VOC MS (W)

Component	Method Code	QC 28
1,1,1,2-Tetrachloroethan e	TM208	**131.10** 68.73 : 146.05
1,1,1-Trichloroethane	TM208	**127.72** 67.74 : 143.94
1,1-Dichloroethane	TM208	**131.35** 69.64 : 147.98
1,2-Dichloroethane	TM208	**136.87** 72.61 : 154.30
2-Chlorotoluene	TM208	**132.86** 69.05 : 146.72
4-Chlorotoluene	TM208	**132.15** 69.11 : 146.84
Benzene	TM208	**129.75** 71.02 : 150.91
Bromomethane	TM208	**128.01** 70.23 : 149.23

SDG:	101112-95	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105184

		QC 28
Carbontetrachloride	TM208	**131.32** 67.98 : 144.45
Chlorobenzene	TM208	**128.76** 69.74 : 148.19
Chloroform	TM208	**134.42** 69.97 : 148.69
Chloromethane	TM208	**109.21** 70.80 : 150.46
Cis-1,2-Dichloroethene	TM208	**125.76** 70.79 : 150.42
Dichloromethane	TM208	**125.78** 70.82 : 150.49
Ethylbenzene	TM208	**125.49** 67.32 : 143.07
Hexachlorobutadiene	TM208	**141.06** 70.40 : 149.63
o-Xylene	TM208	**127.55** 68.68 : 145.93
p/m-Xylene	TM208	**125.79** 68.12 : 144.74
Tert-butyl methyl ether	TM208	**114.43** 64.65 : 137.39
Tetrachloroethene	TM208	**127.43** 67.78 : 144.04
Toluene	TM208	**127.05** 68.79 : 146.18
Trichloroethene	TM208	**127.04** 68.83 : 146.25
Vinyl Chloride	TM208	**114.01** 72.07 : 153.15

The above information details the reference name of the analytical quality control sample (AQC) that has been run with the samples contained in this report for the different methods of analysis.
The figure detailed is the percentage recovery result for the AQC.
The subscript numbers below are the percentage recovery lower control limit (LCL) and the upper control limit (UCL). The percentage recovery result for the AQC should be between these limits to be statistically in control.

Table of Results - Appendix

SDG Number : 101112-95 **Client :** H_WYG_MAN **Client Ref :** A64184

REPORT KEY

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10-7

NDP	No Determination Possible	#	ISO 17025 Accredited	*	Subcontracted Test	M	MCERTS Accredited
NFD	No Fibres Detected	PFD	Possible Fibres Detected	»	Result previously reported (Incremental reports only)	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control

Method No	Reference	Description	Wet/Dry Sample [1]	Surrogate Corrected
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples		
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)		
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser		
TM101	Method 4500B & C, AWWA/APHA, 20th Ed., 1999	Determination of Sulphide in soil and water samples using the Kone Analyser		
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter		
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS		
TM172	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	EPH in Waters		
TM174	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	Determination of Speciated Extractable Petroleum Hydrocarbons in Waters by GC-FID		
TM176	EPA 8270D Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of SVOCs in Water by GCMS		
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters		
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry		
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers		
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters		
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography		
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate		
TM228	US EPA Method 6010B	Determination of Major Cations in Water by iCap 6500 Duo ICP-OES		
TM245	By GC-FID	Determination of GRO by Headspace in waters		
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4.	Determination of pH in Water and Leachate using the GLpH pH Meter		
TM259		Determination of Phenols in Waters and Leachates by HPLC		

[1] Applies to Solid samples only. DRY indicates samples have been dried at 35°C. NA = not applicable.

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - H_WYG_MAN
Sample Identity - 2402967 /2490576-BH406[]
Sample Type [Units] - Water - µg/l
Date Acquired - 19/11/10
Date Reported - 21/11/10
Analyst - AH

Tentative Compound Identification	Retention Time min	Concentration µg/l
Unknown	7.139	23

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - H_WYG_MAN
Sample Identity - 2402692 /2490355-BHS329[]
Sample Type [Units] - Water - µg/l
Date Acquired - 19/11/10
Date Reported - 21/11/10
Analyst - AH

Tentative Compound Identification	Retention Time min	Concentration µg/l
Dichlorobenzoic acid isomer	8.006	25

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
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ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - H_WYG_MAN
Sample Identity - 2402921 /2490537-BH408[]
Sample Type [Units] - Water - µg/l
Date Acquired - 19/11/10
Date Reported - 21/11/10
Analyst - AH

Tentative Compound Identification	Retention Time min	Concentration µg/l
Ethylmethyl Phenol isomer	6.42	125

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
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ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - H_WYG_MAN
Sample Identity - 2402876 /2490613-BH413[]
Sample Type [Units] - Water - µg/l
Date Acquired - 19/11/10
Date Reported - 21/11/10
Analyst - AH

Tentative Compound Identification	Retention Time min	Concentration µg/l
Dimethyl Benzenamine isomer	5.797	11
Dimethyl Benzenamine isomer	5.839	18
Chloro methyl Benzenamine	6.209	10
Methoxy-methyl- Cyclohexadiene dione isomer	6.990	18
TETRAMETHYL-DICYNE DIOL	7.413	48
Naphthalenedione	7.505	27
Unknwon	10.143	24

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - H_WYG_MAN
Sample Identity - 2402878 /2490440-BHS319[]
Sample Type [Units] - Water - µg/l
Date Acquired - 19/11/10
Date Reported - 21/11/10
Analyst - AH

Tentative Compound Identification	Retention Time min	Concentration µg/l
Dihydroindene isomer	4.755	11
Dimethyl Phenol isomer	5.748	79
Thianaphthene isomer	6.050	17
Methylethyl Phenol isomer	6.195	10
Ethylmethyl Phenol isomer	6.277	13
Ethylmethyl Phenol isomer	6.309	14
Ethylmethyl Phenol isomer	6.419	42
Trimethyl Phenol isomer	6.527	12
Ethylbenzaldehyde	6.862	12
Unknwon	7.003	14
Unknwon	8.081	15
organic acid	8.225	14
Thianaphthalene isomer	8.445	13
Isoquinolinone	9.020	35
Phenylphenol isomer	9.053	14

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - WYG Geo-Environment
Sample Identity - 2403396 /2490460-BH112[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 21/11/10
Date Reported - 22/11/10
Analyst - H Alford

Tentative Compound Identification	Retention Time min	Concentration µg/l
benzo(b)thiophene, dihydro	6.51	14
butenoic acid, phenyl	8.22	11
benzoic acid, methoxy	8.60	14

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - WYG Geo-Environment
Sample Identity - 2402751 /2490335-BHI209[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 21/11/10
Date Reported - 22/11/10
Analyst - H Alford

Tentative Compound Identification	Retention Time min	Concentration µg/l
aniline	4.24	2127063
unknown	5.32	25
unknown	5.05	47

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - WYG Geo-Environment
Sample Identity - 2403469 /2490497-BHS324[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 21/11/10
Date Reported - 22/11/10
Analyst - H Alford

Tentative Compound Identification	Retention Time min	Concentration µg/l
unknown	6.67	37
isobenzofurandione	6.89	11
benzenamine, dichloro-	6.98	13
unknown	8.01	13
phenol, tetramethylbutyl-	8.51	50
unknown	9.03	16
benzenemethanamine, phenylmethyl	9.11	82

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

VOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - WYG Geo-Environment
Sample Identity - 2396632/ BHS319[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 22/11/10
Date Reported - 23/11/10
Analyst - C Tracey

Tentative Compound Identification	Retention Time min	Concentration µg/l
Benzofuran	4.166	65
Indane	4.319	102
Indene	4.415	18
methyl-benzofuran Isomer	4.668	22
methyl-benzofuran Isomer	4.713	46
Dihydro-methyl-Indene Isomer	4.900	18
Benzothiophene	5.246	73

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

VOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - WYG Geo-Environment
Sample Identity - 2396652/ BH112[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 22/11/10
Date Reported - 23/11/10
Analyst - C Tracey

Tentative Compound Identification	Retention Time min	Concentration µg/l
Indane	4.319	72
Acenaphthene	5.167	25
Benzothiophene	5.247	25

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

VOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - WYG Geo-Environment
Sample Identity - 2396666/ BHS324[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 22/11/10
Date Reported - 23/11/10
Analyst - C Tracey

Tentative Compound Identification	Retention Time min	Concentration µg/l
Acenaphthene	5.163	33

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

ALcontrol Laboratories

VOC Tentatively Identified Compounds

Job Number - 101112-95
Customer - WYG Geo-Environment
Sample Identity - 2396684/ BH408[]-WATER
Sample Type [Units] - Water - µg/l
Date Acquired - 22/11/10
Date Reported - 23/11/10
Analyst - C Tracey

Tentative Compound Identification	Retention Time min	Concentration µg/l
ethyl-Hexanol Isomer	4.249	16
Acenaphthene	5.164	72

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

APPENDIX

APPENDIX

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA Leach tests, flash point, ammonium as NH_4 by the BRE method, VOC TICS, SVOC TICS, TOF-MS SCAN/SEARCH and TOF-MS TICS.
2. Samples will be run in duplicate upon request, but an additional charge may be incurred.
3. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for both soil jars, tubs and volatile jars. All waters and vials will be discarded 10 days after the analysis is completed (e-mailed). All material removed during an asbestos containing material screen and analysed for the presence of asbestos will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALcontrol Laboratories reserve the right to charge for samples received and stored but not analysed.
4. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.
5. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.
6. When requested, the individual sub sample scheduled will be screened in house for the presence of large asbestos containing material fragments/pieces. If no asbestos containing material is found this will be reported as 'no asbestos containing material detected'. If asbestos containing material is detected it will be removed and analysed by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If asbestos containing material is present no further analysis will be undertaken. At no point is the fibre content of the soil sample determined.
7. If no separate volatile sample is supplied by the client, the integrity of the data may be compromised if the laboratory is required to create a sub-sample from the bulk sample – similarly, if a headspace or sediment is present in the volatile sample. This will be flagged up as an invalid VOC on the test schedule or recorded on the log sheet.
8. If appropriate preserved bottles are not received preservation will take place on receipt. However, the integrity of the data may be compromised.
9. NDP – No determination possible due to insufficient/unsuitable sample.
10. Metals in water are performed on a filtered sample, and therefore represent dissolved metals – total metals must be requested separately.
11. A table containing the date of analysis for each parameter is not routinely included with the report, but is available upon request.
12. Results relate only to the items tested
13. **Surrogate recoveries** – Most of our organic methods include surrogates, the recovery of which is monitored and reported. For EPH, MO, PAH, GRO and VOCs on soils the result is not surrogate corrected, but a percentage recovery is quoted. Acceptable limits for most organic methods are 70 – 130 %.
14. **Product analyses** – Organic analyses on products can only be semi-quantitative due to the matrix effects and high dilution factors employed.
15. Phenols monohydric by HPLC include phenol, cresols (2-Methylphenol, 3-Methylphenol and 4-Methylphenol) and Xylenols (2,3 Dimethylphenol, 2,4 Dimethylphenol, 2,5 Dimethylphenol, 2,6 Dimethylphenol, 3,4 Dimethyphenol, 3,5 Dimethylphenol).
16. Total of 5 speciated phenols by HPLC includes Phenol, 2,3,5-Trimethyl Phenol, 2-Isopropylphenol, Cresols and Xylenols (as detailed in 14).
17. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.
18. Our MCERTS accreditation for PAHs by GCMS applies to all product types apart from Kerosene, where naphthalene only is not accredited.
19. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.
19. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.
20. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.
21. For all leachate preparations (NRA, DIN, TCLP, BSEN 12457-1, 2, 3) volatile loss may occur, as we do not employ zero headspace extraction.
22. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials – whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
23. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C4 – C10 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

Last updated 1 April 2010

LIQUID MATRICES EXTRACTION SUMMARY

ANALYSIS	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
PAH MS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
EPH	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
EPH CWG	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
MINERAL OIL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
PCB 7 CONGENERS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
PCB TOTAL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GS MS
SVOC	DCM	LIQUID/LIQUID SHAKE	GC MS
FREE SULPHUR	DCM	SOLID PHASE EXTRACTION	HPLC
PEST OCP/OPP	DCM	LIQUID/LIQUID SHAKE	GC MS
TRIAZINE HERBS	DCM	LIQUID/LIQUID SHAKE	GC MS
PHENOLS MS	DCM	SOLID PHASE EXTRACTION	GC MS
TPH by INFRA RED (IR)	TCE	LIQUID/LIQUID EXTRACTION	HPLC
MINERAL OIL by IR	TCE	LIQUID/LIQUID EXTRACTION	HPLC
GLYCOLS	NONE	DIRECT INJECTION	GC FID

SOLID MATRICES EXTRACTION SUMMARY

ANALYSIS	D/C OR WET	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
Solvent Extractable Matter	D&C	DCM	SOXTHERM	GRAVIMETRIC
Cyclohexane Ext. Matter	D&C	CYCLOHEXANE	SOXTHERM	GRAVIMETRIC
Thin Layer Chromatography	D&C	DCM	SOXTHERM	IATROSCAN
Elemental Sulphur	D&C	DCM	SOXTHERM	HPLC
Phenols by GCMS	WET	DCM	SOXTHERM	GC-MS
Herbicides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
Pesticides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
EPH (DRO)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Min oil)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Cleaned up)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH CWG by GC	D&C	HEXANE:ACETONE	END OVER END	GC-FID
PCB tot / PCB con	D&C	HEXANE:ACETONE	END OVER END	GC-MS
Polyaromatic Hydrocarbons (MS)	WET	HEXANE:ACETONE	Microwave TM218.	GC-MS
C8-C40 (C6-C40)EZ Flash	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Polyaromatic Hydrocarbons Rapid GC	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Semi Volatile Organic Compounds	WET	DCM:ACETONE	SONICATE	GC-MS

Identification of Asbestos in Bulk Materials

The results for asbestos identification for soil samples are obtained from possible Asbestos Containing Material, removed during the 'Screening of soils for Asbestos Containing Materials', which have been examined to determine the presence of asbestos fibres using Alcontrol Laboratories (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Visual Estimation Of Fibre Content.

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: -

Trace – Where only one or two asbestos fibres were identified.

Further guidance on typical asbestos fibre content of manufactured products can be found in MDHS 100.

The identification of asbestos containing materials falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

Received Sample Overview

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
2390986	BH3			11/11/2010
2391023	BH403			11/11/2010
2390561	BH414			11/11/2010
2401331	BH415S			11/11/2010
2392570	TRIP			11/11/2010
2391066	WS12			11/11/2010
2391102	WS401			11/11/2010

Only received samples which have had analysis scheduled will be shown on the following pages.

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

LIQUID

Results Legend

X — Test

N — No Determination Possible

Lab Sample No(s)	239270	2390986	2391066	2391102	2391023	2390561	2401331
Customer Sample Ref.	TRIP	BH3	WS12	WS401	BH403	BH414	BH415S
AGS Ref.							
Depth (m)							
Container	Vial	1l green glass bottle, 1plastic, H2SO4, HNO3 Filtered, NaOH, Vial, ZnAc	1l green glass bottle, 1plastic, H2SO4, HNO3 Filtered, NaOH, Vial, ZnAc	1l green glass bottle, 1plastic, H2SO4, HNO3 Filtered, NaOH, Vial, ZnAc	1l green glass bottle, 1plastic, H2SO4, HNO3 Filtered, NaOH, Vial, ZnAc	1l green glass bottle, 1plastic, H2SO4, HNO3 Filtered, NaOH, Vial, ZnAc	1l green glass bottle, 1plastic, H2SO4, HNO3 Filtered, NaOH, Vial, ZnAc

| | | | | | | |

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

LIQUID

Results Legend

X Test

N No Determination Possible

			Lab Sample No(s)	2392570	2390986								2391066								2391102								2391023								2390561								2401331							
			Customer Sample Ref.	TRIP	BH3								WS12								WS401								BH403								BH414								BH415S							
			AGS Ref.																																																		
			Depth (m)																																																		
			Container	Vial	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc	1l green glass bottle	1lplastic	H2SO4	HNO3 Filtered	NaOH	Vial	ZnAc
Sulphide	All	NDPs: 0 Tests: 6									X							X							X							X							X							X
SVOC MS (W) - Aqueous	All	NDPs: 0 Tests: 6			X							X							X							X							X							X						
TPH CWG (W)	All	NDPs: 0 Tests: 6			X							X							X							X							X							X						
VOC MS (W)	All	NDPs: 0 Tests: 7	X						X						X								X						X						X							X					

Validated

ALcontrol Laboratories Analytical Services

SDG:	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Simon Johnson
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

LIQUID

Results Legend

X Test

N No Determination Possible

			Lab Sample No(s)	2391102		
			Customer Sample Ref.	WS401		
			AGS Ref.			
			Depth (m)			
			Container	NaOH	Vial	ZnAc
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 6		X		
GRO by GC-FID (W)	All	NDPs: 0 Tests: 6			X	
Low Level Phenols by HPLC (W)	All	NDPs: 0 Tests: 6		X		
Sulphide	All	NDPs: 0 Tests: 6				X
VOC MS (W)	All	NDPs: 0 Tests: 7			X	

Validated

ALcontrol Laboratories Analytical Services

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

Test Completion Dates

Lab Sample No(s)	2390986	2391023	2390561	2401331	2392570	2391066	2391102
Customer Sample Ref.	BH3	BH403	BH414	BH415S	TRIP	WS12	WS401
AGS Ref.							
Depth							
Type	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID	LIQUID
Alkalinity as CaCO3	16/11/2010	18/11/2010	16/11/2010	16/11/2010		18/11/2010	18/11/2010
Ammonium	17/11/2010	17/11/2010	17/11/2010	17/11/2010		17/11/2010	17/11/2010
Anions by ion Chromatography	25/11/2010		25/11/2010	25/11/2010			26/11/2010
Anions by Kone (w)	16/11/2010	15/11/2010	16/11/2010	16/11/2010		15/11/2010	15/11/2010
Conductivity (at 20 deg.C)	25/11/2010		25/11/2010	25/11/2010			26/11/2010
Cyanide Comp/Free/Total/Thiocyanate	15/11/2010	15/11/2010	15/11/2010	15/11/2010		16/11/2010	16/11/2010
Dissolved Metals by ICP-MS	16/11/2010	16/11/2010	16/11/2010	16/11/2010		16/11/2010	16/11/2010
EPH (DRO) (C10-C40) Aqueous (W)	19/11/2010	19/11/2010	22/11/2010	19/11/2010		19/11/2010	19/11/2010
EPH CWG (Aliphatic) Aqueous GC (W)	19/11/2010	19/11/2010	19/11/2010	22/11/2010		22/11/2010	22/11/2010
EPH CWG (Aromatic) Aqueous GC (W)	19/11/2010	19/11/2010	19/11/2010	22/11/2010		22/11/2010	22/11/2010
GRO by GC-FID (W)	22/11/2010	22/11/2010	22/11/2010	22/11/2010		22/11/2010	22/11/2010
Low Level Phenols by HPLC (W)	15/11/2010	15/11/2010	15/11/2010	15/11/2010		15/11/2010	15/11/2010
Mercury Dissolved	15/11/2010	15/11/2010	15/11/2010	15/11/2010		15/11/2010	15/11/2010
Metals by iCap-OES Dissolved (W)	29/11/2010		29/11/2010	29/11/2010			26/11/2010
PAH Spec MS - Aqueous (W)	17/11/2010	18/11/2010	18/11/2010	18/11/2010		18/11/2010	18/11/2010
pH Value	12/11/2010	15/11/2010	12/11/2010	12/11/2010		15/11/2010	15/11/2010
Sulphide	18/11/2010	18/11/2010	18/11/2010	18/11/2010		18/11/2010	18/11/2010
SVOC MS (W) - Aqueous	20/11/2010	22/11/2010	20/11/2010	20/11/2010		20/11/2010	20/11/2010
TPH CWG (W)	29/11/2010	29/11/2010	29/11/2010	29/11/2010		29/11/2010	29/11/2010
VOC MS (W)	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010	18/11/2010

Validated

ALcontrol Laboratories Analytical Services

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH403	BH414	BH415S	WS12
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	11/11/10	11/11/10	11/11/10	11/11/10	11/11/10
			Date Received	12/11/10	12/11/10	12/11/10	12/11/10	12/11/10
			SDG Ref	101112-16	101112-16	101112-16	101112-16	101112-16
			Lab Sample No.(s)	2390986	2391023	2390561	2401331	2391066
			AGS Reference					
Alkalinity, Total as CaCO3	<2 mg/l	TM043		205 #	358 #	200 #	<2 #	<2 #
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099		0.28 #	0.606 #	0.507 #	7.76 #	2.4 #
Sulphide	<0.01 mg/l	TM101		<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #
Conductivity @ 20 deg.C	<0.014 mS/cm	TM120		1.94 #		1.35 #	2.98 #	
Antimony (diss.filt)	<0.16 µg/l	TM152		56.9 #	15.1 #	5.05 #	0.281 #	0.662 #
Arsenic (diss.filt)	<0.12 µg/l	TM152		966 #	1750 #	12.9 #	7.91 #	4330 #
Boron (diss.filt)	<9.4 µg/l	TM152		8650 #	391 #	300 #	345 #	152 #
Cadmium (diss.filt)	<0.1 µg/l	TM152		1.53 #	1.59 #	0.91 #	1.28 #	<0.1 #
Chromium (diss.filt)	<0.22 µg/l	TM152		35.7 #	45.2 #	4.02 #	4.41 #	6.44 #
Copper (diss.filt)	<0.85 µg/l	TM152		206 #	382 #	17.2 #	108 #	85 #
Lead (diss.filt)	<0.02 µg/l	TM152		225 #	1180 #	1310 #	4.21 #	9.08 #
Nickel (diss.filt)	<0.15 µg/l	TM152		23.3 #	42.8 #	34 #	30.5 #	7.69 #
Selenium (diss.filt)	<0.39 µg/l	TM152		9.52 #	2.01 #	22.5 #	2.92 #	1.77 #
Vanadium (diss.filt)	<0.24 µg/l	TM152		39.7 #	34.6 #	2.06 #	5.33 #	2.76 #
Zinc (diss.filt)	<0.41 µg/l	TM152		424 #	467 #	202 #	1420 #	21.1 #
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172		244 #	114 #	201 #	104 #	339 #
EPH Band >C10-C20 (aq)	<10 µg/l	TM172		27.6	32	70.3	74.3	258
EPH Band >C20-C30 (aq)	<10 µg/l	TM172		169	55.7	103	29.6	68.9
EPH Band >C30-C40 (aq)	<10 µg/l	TM172		47.3	26.2	27.7	<10	12.6
Mercury (diss.filt)	<0.01 µg/l	TM183		<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #
Sulphate	<3 mg/l	TM184		1120 #	1330 #	558 #	1890 #	1340 #
Chloride	<0.08 mg/l	TM226		38.5 #		42 #	72.6 #	
Cyanide, Total	<0.05 mg/l	TM227		<0.05 #	<0.05 #	<0.05 #	<0.05 #	0.288 #
Calcium (diss.filt)	<0.012 mg/l	TM228		490		221	485	
Magnesium (diss.filt)	<0.036 mg/l	TM228		90.2		19	30.1	
pH	<1 pH Units	TM256		6.62 #	8.06 #	7.15 #	3.33 #	4.07 #
Resorcinol (low level)	<0.5 µg/l	TM259		11.1	<0.5	<0.5	<0.5	<0.5
Catechol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5
Phenol (low level)	<0.5 µg/l	TM259		<0.5	0.88	<0.5	0.51	<0.5
Cresols (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5
Xylenols (low level)	<0.5 µg/l	TM259		<0.5	<0.5	2.71	<0.5	<0.5
1-Napthol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5
2,3,5-Trimethylphenol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5
2-Isopropylphenol (low level)	<0.5 µg/l	TM259		<0.5	<0.5	<0.5	<0.5	<0.5
Phenols, Total monohydric (low level)	<0.5 µg/l	TM259		<0.5	0.88	2.71	0.51	<0.5
Phenols, Total 5 speciated (low level)	<0.5 µg/l	TM259		<0.5	0.88	2.71	0.51	<0.5

Validated

ALcontrol Laboratories Analytical Services

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

GRO by GC-FID (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH403	BH414	BH415S	WS12
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	11/11/10	11/11/10	11/11/10	11/11/10	11/11/10
			Date Received	12/11/10	12/11/10	12/11/10	12/11/10	12/11/10
			SDG Ref	101112-16	101112-16	101112-16	101112-16	101112-16
			Lab Sample No.(s)	2390986	2391023	2390561	2401331	2391066
			AGS Reference					
GRO Surrogate % recovery**	%	TM245		95	93	99	88	93
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245		<3 #	<3 #	<3 #	<3 #	<3 #
Benzene	<7 µg/l	TM245		<7 #	<7 #	<7 #	<7 #	<7 #
Toluene	<4 µg/l	TM245		<4 #	<4 #	<4 #	<4 #	<4 #
Ethylbenzene	<5 µg/l	TM245		<5 #	<5 #	<5 #	<5 #	<5 #
m,p-Xylene	<8 µg/l	TM245		<8 #	<8 #	<8 #	<8 #	<8 #
o-Xylene	<3 µg/l	TM245		<3 #	<3 #	<3 #	<3 #	<3 #
GRO >C10-C12	<10 µg/l	TM245		<10	<10	<10	<10	<10
Aliphatics >C5-C6	<10 µg/l	TM245		<10	<10	<10	<10	<10
Aliphatics >C6-C8	<10 µg/l	TM245		<10	<10	<10	<10	<10
Aliphatics >C8-C10	<10 µg/l	TM245		<10	<10	<10	<10	<10
Aliphatics >C10-C12	<10 µg/l	TM245		<10	<10	<10	<10	<10
Aromatics >EC5-EC7	<10 µg/l	TM245		<10	<10	<10	<10	<10
Aromatics >EC7-EC8	<10 µg/l	TM245		<10	<10	<10	<10	<10
Aromatics >EC8-EC10	<10 µg/l	TM245		<10	<10	<10	<10	<10
Aromatics >EC10-EC12	<10 µg/l	TM245		<10	<10	<10	<10	<10
GRO >C5-C10	<10 µg/l	TM245		<10	<10	<10	<10	<10
m,p,o-Xylene	<10 µg/l	TM245		<10	<10	<10	<10	<10
BTEX, Total	<10 µg/l	TM245		<10	<10	<10	<10	<10
GRO >C5-C12	<50 µg/l	TM245		<50 #	<50 #	<50 #	<50 #	<50 #

Validated

ALcontrol Laboratories Analytical Services

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

PAH Spec MS - Aqueous (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH403	BH414	BH415S	WS12
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	11/11/10	11/11/10	11/11/10	11/11/10	11/11/10
			Date Received	12/11/10	12/11/10	12/11/10	12/11/10	12/11/10
			SDG Ref	101112-16	101112-16	101112-16	101112-16	101112-16
			Lab Sample No.(s)	2390986	2391023	2390561	2401331	2391066
			AGS Reference					
Naphthalene (aq)	<0.1 µg/l	TM178		0.101 #	<0.1 #	<0.1 #	<0.1 #	0.306 #
Acenaphthene (aq)	<0.015 µg/l	TM178		0.123 #	<0.015 #	<0.015 #	<0.015 #	5.24 #
Acenaphthylene (aq)	<0.011 µg/l	TM178		0.0165 #	<0.011 #	<0.011 #	<0.011 #	0.097 #
Fluoranthene (aq)	<0.014 µg/l	TM178		2.52 #	0.357 #	0.236 #	0.1 #	1.25 #
Anthracene (aq)	<0.015 µg/l	TM178		0.236 #	0.0479 #	0.0294 #	<0.015 #	0.34 #
Phenanthrene (aq)	<0.022 µg/l	TM178		1.2 #	0.237 #	0.103 #	<0.022 #	0.467 #
Fluorene (aq)	<0.014 µg/l	TM178		0.0891 #	0.0188 #	<0.014 #	<0.014 #	2.49 #
Chrysene (aq)	<0.013 µg/l	TM178		0.805 #	0.206 #	0.163 #	0.0545 #	0.0887 #
Pyrene (aq)	<0.015 µg/l	TM178		2.5 #	0.373 #	0.223 #	0.145 #	0.934 #
Benzo(a)anthracene (aq)	<0.017 µg/l	TM178		1.49 #	0.163 #	0.149 #	0.0441 #	0.0779 #
Benzo(b)fluoranthene (aq)	<0.023 µg/l	TM178		1.29 #	0.174 #	0.101 #	0.0417 #	0.0542 #
Benzo(k)fluoranthene (aq)	<0.027 µg/l	TM178		1.31 #	0.115 #	0.0823 #	0.0311 #	0.0427 #
Benzo(a)pyrene (aq)	<0.009 µg/l	TM178		1.54 #	0.178 #	0.104 #	0.0331 #	0.0444 #
Dibenzo(a,h)anthracene (aq)	<0.016 µg/l	TM178		0.189 #	<0.016 #	<0.016 #	<0.016 #	<0.016 #
Benzo(g,h,i)perylene (aq)	<0.016 µg/l	TM178		0.895 #	0.0889 #	0.0668 #	0.0199 #	0.0286 #
Indeno(1,2,3-cd)pyrene (aq)	<0.014 µg/l	TM178		0.806 #	0.061 #	0.0438 #	0.0148 #	0.0196 #
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	<0.1 µg/l	TM178		15.1 #	1.92 #	1.22 #	0.457 #	11.5 #

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH403	BH414	BH415S	WS12
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	11/11/10	11/11/10	11/11/10	11/11/10	11/11/10
			Date Received	12/11/10	12/11/10	12/11/10	12/11/10	12/11/10
			SDG Ref	101112-16	101112-16	101112-16	101112-16	101112-16
			Lab Sample No.(s)	2390986	2391023	2390561	2401331	2391066
			AGS Reference					
1,2,4-Trichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
1,2-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
1,3-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
1,4-Dichlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4,5-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4,6-Trichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4-Dichlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4-Dimethylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,4-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2,6-Dinitrotoluene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Chloronaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Chlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Methylnaphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
2-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
3-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Bromophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Chloro-3-methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Chloroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Chlorophenylphenylether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Methylphenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Nitrophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
4-Nitroaniline (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Azobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Acenaphthylene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Acenaphthene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	5.07
Anthracene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
bis(2-Chloroethyl)ether (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
bis(2-Chloroethoxy)methane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
bis(2-Ethylhexyl) phthalate (aq)	<2 µg/l	TM176		<2	<2	<2	<2	<2
Benzo(a)anthracene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Butylbenzyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Benzo(b)fluoranthene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Benzo(k)fluoranthene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Benzo(a)pyrene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Benzo(g,h,i)perylene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Carbazole (aq)	<1 µg/l	TM176		<1	<1	<1	<1	2.09
Chrysene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH403	BH414	BH415S	WS12
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	11/11/10	11/11/10	11/11/10	11/11/10	11/11/10
			Date Received	12/11/10	12/11/10	12/11/10	12/11/10	12/11/10
			SDG Ref	101112-16	101112-16	101112-16	101112-16	101112-16
			Lab Sample No.(s)	2390986	2391023	2390561	2401331	2391066
			AGS Reference					
Dibenzofuran (aq)	<1 µg/l	TM176		<1	<1	<1	<1	2.66
n-Dibutyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Diethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Dimethyl phthalate (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
n-Dioctyl phthalate (aq)	<5 µg/l	TM176		<5	<5	<5	<5	<5
Fluoranthene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	1.04
Fluorene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	2.78
Hexachlorobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Hexachlorobutadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Pentachlorophenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Phenol (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
n-Nitroso-n-dipropylamine (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Hexachloroethane (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Nitrobenzene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Naphthalene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Isophorone (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Hexachlorocyclopentadiene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Phenanthrene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	1.32
Indeno(1,2,3-cd)pyrene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
Pyrene (aq)	<1 µg/l	TM176		<1	<1	<1	<1	<1
SVOC TIC (aq)	-	TM176		No TIC's identified	No TIC's identified	No TIC's identified	See Attached	No TIC's identified

ALcontrol Laboratories Analytical Services

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

TPH CWG (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH403	BH414	BH415S	WS12
			Depth (m)					
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	11/11/10	11/11/10	11/11/10	11/11/10	11/11/10
			Date Received	12/11/10	12/11/10	12/11/10	12/11/10	12/11/10
			SDG Ref	101112-16	101112-16	101112-16	101112-16	101112-16
			Lab Sample No.(s)	2390986	2391023	2390561	2401331	2391066
			AGS Reference					
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174		194	<10	<10	<10	<10
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174		194	<10	<10	<10	<10
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174		194	<10	<10	<10	<10
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174		<10	<10	<10	<10	<10
Total Aliphatics & Aromatics >C12-C35 (Aqueous)	<10 µg/l	TM174		194	<10	<10	<10	<10

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH403	BH414	BH415S	TRIP	WS12
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	11/11/10	11/11/10	11/11/10	11/11/10	11/11/10	11/11/10
			Date Received	12/11/10	12/11/10	12/11/10	12/11/10	12/11/10	12/11/10
			SDG Ref	101112-16	101112-16	101112-16	101112-16	101112-16	101112-16
			Lab Sample No.(s)	2390986	2391023	2390561	2401331	2392570	2391066
			AGS Reference						
Dibromofluoromethane**	%	TM208		109	112	108	108	105	107
Toluene-d8**	%	TM208		102	101	99.8	99.5	99.4	100
4-Bromofluorobenzene**	%	TM208		99.4	102	102	99.7	96.8	102
Dichlorodifluoromethane	<7 µg/l	TM208		<7 #	<7 #	<7 #	<7 #	<7 #	<7 #
Chloromethane	<9 µg/l	TM208		<9 #	<9 #	<9 #	<9 #	<9 #	<9 #
Vinyl chloride	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromomethane	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
Chloroethane	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
Trichlorofluoromethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloroethene	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Carbon disulphide	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Dichloromethane	<3.7 µg/l	TM208		<3.7 #	<3.7 #	<3.7 #	<3.7 #	<3.7 #	<3.7 #
Methyl tertiary butyl ether (MTBE)	<1.6 µg/l	TM208		<1.6 #	<1.6 #	<1.6 #	11.8 #	<1.6 #	<1.6 #
trans-1,2-Dichloroethene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,1-Dichloroethane	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
cis-1,2-Dichloroethene	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
2,2-Dichloropropane	<3.8 µg/l	TM208		<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #	<3.8 #
Bromochloromethane	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Chloroform	<1.8 µg/l	TM208		<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
1,1,1-Trichloroethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
1,1-Dichloropropene	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Carbontetrachloride	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,2-Dichloroethane	<3.3 µg/l	TM208		<3.3	<3.3	<3.3	5.78	<3.3	<3.3
Benzene	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	2.12 #
Trichloroethene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
1,2-Dichloropropane	<3 µg/l	TM208		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Dibromomethane	<2.7 µg/l	TM208		<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
Bromodichloromethane	<0.9 µg/l	TM208		<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #	<0.9 #
cis-1,3-Dichloropropene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
Toluene	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	1.58 #
trans-1,3-Dichloropropene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,2-Trichloroethane	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,3-Dichloropropane	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
Tetrachloroethene	<1.5 µg/l	TM208		<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #	<1.5 #
Dibromochloromethane	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
1,2-Dibromoethane	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Chlorobenzene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,1,1,2-Tetrachloroethane	<1.3 µg/l	TM208		<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #	<1.3 #
Ethylbenzene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	BH3	BH403	BH414	BH415S	TRIP	WS12
			Depth (m)						
			Sample Type	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)	Water(GW/SW)
			Date Sampled	11/11/10	11/11/10	11/11/10	11/11/10	11/11/10	11/11/10
			Date Received	12/11/10	12/11/10	12/11/10	12/11/10	12/11/10	12/11/10
			SDG Ref	101112-16	101112-16	101112-16	101112-16	101112-16	101112-16
			Lab Sample No.(s)	2390986	2391023	2390561	2401331	2392570	2391066
			AGS Reference						
m,p-Xylene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
o-Xylene	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
Styrene	<1.2 µg/l	TM208		<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #	<1.2 #
Bromoform	<3 µg/l	TM208		<3 #	<3 #	<3 #	<3 #	<3 #	<3 #
Isopropylbenzene	<1.4 µg/l	TM208		<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #	<1.4 #
1,1,2,2-Tetrachloroethane	<5.2 µg/l	TM208		<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
1,2,3-Trichloropropane	<7.8 µg/l	TM208		<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #	<7.8 #
Bromobenzene	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
Propylbenzene	<2.6 µg/l	TM208		<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
2-Chlorotoluene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
1,3,5-Trimethylbenzene	<1.8 µg/l	TM208		<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #	<1.8 #
4-Chlorotoluene	<1.9 µg/l	TM208		<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #	<1.9 #
tert-Butylbenzene	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
1,2,4-Trimethylbenzene	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
sec-Butylbenzene	<1.7 µg/l	TM208		<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #	<1.7 #
4-iso-Propyltoluene	<2.6 µg/l	TM208		<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #	<2.6 #
1,3-Dichlorobenzene	<2.2 µg/l	TM208		<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #	<2.2 #
1,4-Dichlorobenzene	<2.7 µg/l	TM208		<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #	<2.7 #
n-Butylbenzene	<2 µg/l	TM208		<2 #	<2 #	<2 #	<2 #	<2 #	<2 #
1,2-Dichlorobenzene	<3.7 µg/l	TM208		<3.7	<3.7	<3.7	<3.7	<3.7	<3.7
1,2-Dibromo-3-chloropropane	<9.8 µg/l	TM208		<9.8	<9.8	<9.8	<9.8	<9.8	<9.8
1,2,4-Trichlorobenzene	<2.3 µg/l	TM208		<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #	<2.3 #
Hexachlorobutadiene	<2.5 µg/l	TM208		<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #	<2.5 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208		<1 #	<1 #	<1 #	<1 #	<1 #	<1 #
Naphthalene	<3.5 µg/l	TM208		<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #	<3.5 #
1,2,3-Trichlorobenzene	<3.1 µg/l	TM208		<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #	<3.1 #
1,3,5-Trichlorobenzene	<10 µg/l	TM208		<10	<10	<10	<10	<10	<10
VOC TIC	-	TM208		No TIC's identified	No TIC's identified	No TIC's identified	No TIC's identified	No TIC's identified	No TIC's identified

Validated

ALcontrol Laboratories Analytical Services

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	
			Depth (m)	
			Sample Type	Water(GW/SW)
			Date Sampled	11/11/10
			Date Received	12/11/10
			SDG Ref	101112-16
			Lab Sample No.(s)	2391102
			AGS Reference	
Alkalinity, Total as CaCO3	<2 mg/l	TM043	190 #	
Ammoniacal Nitrogen as N	<0.2 mg/l	TM099	0.267 #	
Sulphide	<0.01 mg/l	TM101	0.126 #	
Conductivity @ 20 deg.C	<0.014 mS/cm	TM120	2.47 #	
Antimony (diss.filt)	<0.16 µg/l	TM152	83.8 #	
Arsenic (diss.filt)	<0.12 µg/l	TM152	2050 #	
Boron (diss.filt)	<9.4 µg/l	TM152	567 #	
Cadmium (diss.filt)	<0.1 µg/l	TM152	<0.1 #	
Chromium (diss.filt)	<0.22 µg/l	TM152	6.45 #	
Copper (diss.filt)	<0.85 µg/l	TM152	2.57 #	
Lead (diss.filt)	<0.02 µg/l	TM152	186 #	
Nickel (diss.filt)	<0.15 µg/l	TM152	15.4 #	
Selenium (diss.filt)	<0.39 µg/l	TM152	6.78 #	
Vanadium (diss.filt)	<0.24 µg/l	TM152	2.65 #	
Zinc (diss.filt)	<0.41 µg/l	TM152	513 #	
EPH Range >C10 - C40 (aq)	<46 µg/l	TM172	55.8 #	
EPH Band >C10-C20 (aq)	<10 µg/l	TM172	16.1	
EPH Band >C20-C30 (aq)	<10 µg/l	TM172	31.3	
EPH Band >C30-C40 (aq)	<10 µg/l	TM172	<10	
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01 #	
Sulphate	<3 mg/l	TM184	1430 #	
Chloride	<0.08 mg/l	TM226	52.2 #	
Cyanide, Total	<0.05 mg/l	TM227	<0.05 #	
Calcium (diss.filt)	<0.012 mg/l	TM228	626	
Magnesium (diss.filt)	<0.036 mg/l	TM228	51	
pH	<1 pH Units	TM256	8.19 #	
Resorcinol (low level)	<0.5 µg/l	TM259	<0.5	
Catechol (low level)	<0.5 µg/l	TM259	<0.5	
Phenol (low level)	<0.5 µg/l	TM259	<0.5	
Cresols (low level)	<0.5 µg/l	TM259	<0.5	
Xylenols (low level)	<0.5 µg/l	TM259	<0.5	
1-Napthol (low level)	<0.5 µg/l	TM259	<0.5	
2,3,5-Trimethylphenol (low level)	<0.5 µg/l	TM259	<0.5	
2-Isopropylphenol (low level)	<0.5 µg/l	TM259	<0.5	
Phenols, Total monohydric (low level)	<0.5 µg/l	TM259	<0.5	
Phenols, Total 5 speciated (low level)	<0.5 µg/l	TM259	<0.5	

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

GRO by GC-FID (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.	WS401
Depth (m)	
Sample Type	Water(GW/SW)
Date Sampled	11/11/10
Date Received	12/11/10
SDG Ref	101112-16
Lab Sample No.(s)	2391102
AGS Reference	

Component	LOD/Units	Method	
GRO Surrogate % recovery**	%	TM245	93
Methyl tertiary butyl ether (MTBE)	<3 µg/l	TM245	<3 #
Benzene	<7 µg/l	TM245	<7 #
Toluene	<4 µg/l	TM245	<4 #
Ethylbenzene	<5 µg/l	TM245	<5 #
m,p-Xylene	<8 µg/l	TM245	<8 #
o-Xylene	<3 µg/l	TM245	<3 #
GRO >C10-C12	<10 µg/l	TM245	<10
Aliphatics >C5-C6	<10 µg/l	TM245	<10
Aliphatics >C6-C8	<10 µg/l	TM245	<10
Aliphatics >C8-C10	<10 µg/l	TM245	<10
Aliphatics >C10-C12	<10 µg/l	TM245	<10
Aromatics >EC5-EC7	<10 µg/l	TM245	<10
Aromatics >EC7-EC8	<10 µg/l	TM245	<10
Aromatics >EC8-EC10	<10 µg/l	TM245	<10
Aromatics >EC10-EC12	<10 µg/l	TM245	<10
GRO >C5-C10	<10 µg/l	TM245	<10
m,p,o-Xylene	<10 µg/l	TM245	<10
BTEX, Total	<10 µg/l	TM245	<10
GRO >C5-C12	<50 µg/l	TM245	<50 #

ALcontrol Laboratories Analytical Services

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

PAH Spec MS - Aqueous (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.			WS401
Depth (m)			
Sample Type			Water(GW/SW)
Date Sampled			11/11/10
Date Received			12/11/10
SDG Ref			101112-16
Lab Sample No.(s)			2391102
AGS Reference			
Component	**LOD/Units**	**Method**	
Naphthalene (aq)	<0.1 µg/l	TM178	<0.1 #
Acenaphthene (aq)	<0.015 µg/l	TM178	0.0822 #
Acenaphthylene (aq)	<0.011 µg/l	TM178	0.0135 #
Fluoranthene (aq)	<0.014 µg/l	TM178	1.09 #
Anthracene (aq)	<0.015 µg/l	TM178	0.121 #
Phenanthrene (aq)	<0.022 µg/l	TM178	0.56 #
Fluorene (aq)	<0.014 µg/l	TM178	0.0828 #
Chrysene (aq)	<0.013 µg/l	TM178	0.641 #
Pyrene (aq)	<0.015 µg/l	TM178	0.891 #
Benzo(a)anthracene (aq)	<0.017 µg/l	TM178	0.411 #
Benzo(b)fluoranthene (aq)	<0.023 µg/l	TM178	0.325 #
Benzo(k)fluoranthene (aq)	<0.027 µg/l	TM178	0.331 #
Benzo(a)pyrene (aq)	<0.009 µg/l	TM178	0.367 #
Dibenzo(a,h)anthracene (aq)	<0.016 µg/l	TM178	0.0338 #
Benzo(g,h,i)perylene (aq)	<0.016 µg/l	TM178	0.165 #
Indeno(1,2,3-cd)pyrene (aq)	<0.014 µg/l	TM178	0.0996 #
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	<0.1 µg/l	TM178	5.21 #

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	WS401
			Depth (m)	
			Sample Type	Water(GW/SW)
			Date Sampled	11/11/10
			Date Received	12/11/10
			SDG Ref	101112-16
			Lab Sample No.(s)	2391102
			AGS Reference	
1,2,4-Trichlorobenzene (aq)	<1 µg/l	TM176		<1
1,2-Dichlorobenzene (aq)	<1 µg/l	TM176		<1
1,3-Dichlorobenzene (aq)	<1 µg/l	TM176		<1
1,4-Dichlorobenzene (aq)	<1 µg/l	TM176		<1
2,4,5-Trichlorophenol (aq)	<1 µg/l	TM176		<1
2,4,6-Trichlorophenol (aq)	<1 µg/l	TM176		<1
2,4-Dichlorophenol (aq)	<1 µg/l	TM176		<1
2,4-Dimethylphenol (aq)	<1 µg/l	TM176		<1
2,4-Dinitrotoluene (aq)	<1 µg/l	TM176		<1
2,6-Dinitrotoluene (aq)	<1 µg/l	TM176		<1
2-Chloronaphthalene (aq)	<1 µg/l	TM176		<1
2-Chlorophenol (aq)	<1 µg/l	TM176		<1
2-Methylnaphthalene (aq)	<1 µg/l	TM176		<1
2-Methylphenol (aq)	<1 µg/l	TM176		<1
2-Nitroaniline (aq)	<1 µg/l	TM176		<1
2-Nitrophenol (aq)	<1 µg/l	TM176		<1
3-Nitroaniline (aq)	<1 µg/l	TM176		<1
4-Bromophenylphenylether (aq)	<1 µg/l	TM176		<1
4-Chloro-3-methylphenol (aq)	<1 µg/l	TM176		<1
4-Chloroaniline (aq)	<1 µg/l	TM176		<1
4-Chlorophenylphenylether (aq)	<1 µg/l	TM176		<1
4-Methylphenol (aq)	<1 µg/l	TM176		<1
4-Nitrophenol (aq)	<1 µg/l	TM176		<1
4-Nitroaniline (aq)	<1 µg/l	TM176		<1
Azobenzene (aq)	<1 µg/l	TM176		<1
Acenaphthylene (aq)	<1 µg/l	TM176		<1
Acenaphthene (aq)	<1 µg/l	TM176		<1
Anthracene (aq)	<1 µg/l	TM176		<1
bis(2-Chloroethyl)ether (aq)	<1 µg/l	TM176		<1
bis(2-Chloroethoxy)methane (aq)	<1 µg/l	TM176		<1
bis(2-Ethylhexyl) phthalate (aq)	<2 µg/l	TM176		<2
Benzo(a)anthracene (aq)	<1 µg/l	TM176		<1
Butylbenzyl phthalate (aq)	<1 µg/l	TM176		<1
Benzo(b)fluoranthene (aq)	<1 µg/l	TM176		<1
Benzo(k)fluoranthene (aq)	<1 µg/l	TM176		<1
Benzo(a)pyrene (aq)	<1 µg/l	TM176		<1
Benzo(g,h,i)perylene (aq)	<1 µg/l	TM176		<1
Carbazole (aq)	<1 µg/l	TM176		<1
Chrysene (aq)	<1 µg/l	TM176		1.03

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

SVOC MS (W) - Aqueous

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	WS401
			Depth (m)	
			Sample Type	Water(GW/SW)
			Date Sampled	11/11/10
			Date Received	12/11/10
			SDG Ref	101112-16
			Lab Sample No.(s)	2391102
			AGS Reference	
Dibenzofuran (aq)	<1 µg/l	TM176		<1
n-Dibutyl phthalate (aq)	<1 µg/l	TM176		<1
Diethyl phthalate (aq)	<1 µg/l	TM176		<1
Dibenzo(a,h)anthracene (aq)	<1 µg/l	TM176		<1
Dimethyl phthalate (aq)	<1 µg/l	TM176		<1
n-Dioctyl phthalate (aq)	<5 µg/l	TM176		<5
Fluoranthene (aq)	<1 µg/l	TM176		2.04
Fluorene (aq)	<1 µg/l	TM176		<1
Hexachlorobenzene (aq)	<1 µg/l	TM176		<1
Hexachlorobutadiene (aq)	<1 µg/l	TM176		<1
Pentachlorophenol (aq)	<1 µg/l	TM176		<1
Phenol (aq)	<1 µg/l	TM176		<1
n-Nitroso-n-dipropylamine (aq)	<1 µg/l	TM176		<1
Hexachloroethane (aq)	<1 µg/l	TM176		<1
Nitrobenzene (aq)	<1 µg/l	TM176		<1
Naphthalene (aq)	<1 µg/l	TM176		<1
Isophorone (aq)	<1 µg/l	TM176		<1
Hexachlorocyclopentadiene (aq)	<1 µg/l	TM176		<1
Phenanthrene (aq)	<1 µg/l	TM176		1.63
Indeno(1,2,3-cd)pyrene (aq)	<1 µg/l	TM176		<1
Pyrene (aq)	<1 µg/l	TM176		1.56
SVOC TIC (aq)	-	TM176		No TIC's identified

ALcontrol Laboratories Analytical Services

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

TPH CWG (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Component	LOD/Units	Method	Customer Sample Ref.	WS401
			Depth (m)	
			Sample Type	Water(GW/SW)
			Date Sampled	11/11/10
			Date Received	12/11/10
			SDG Ref	101112-16
			Lab Sample No.(s)	2391102
			AGS Reference	
Total Aliphatics & Aromatics >C5-35 (aq)	<10 µg/l	TM174		<10
Aliphatics >C12-C16 (aq)	<10 µg/l	TM174		<10
Aromatics >EC12-EC16 (aq)	<10 µg/l	TM174		<10
Aliphatics >C16-C21 (aq)	<10 µg/l	TM174		<10
Aromatics >EC16-EC21 (aq)	<10 µg/l	TM174		<10
Aliphatics >C21-C35 (aq)	<10 µg/l	TM174		<10
Aromatics >EC21-EC35 (aq)	<10 µg/l	TM174		<10
Total Aliphatics >C12-C35 (aq)	<10 µg/l	TM174		<10
Total Aromatics >EC12-EC35 (aq)	<10 µg/l	TM174		<10
Total Aliphatics & Aromatics >C12-C35 (Aqueous)	<10 µg/l	TM174		<10

ALcontrol Laboratories Analytical Services

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.			WS401
Depth (m)			
Sample Type			Water(GW/SW)
Date Sampled			11/11/10
Date Received			12/11/10
SDG Ref			101112-16
Lab Sample No.(s)			2391102
AGS Reference			
Component	**LOD/Units**	**Method**	
Dibromofluoromethane**	%	TM208	105
Toluene-d8**	%	TM208	99.3
4-Bromofluorobenzene**	%	TM208	96.7
Dichlorodifluoromethane	<7 µg/l	TM208	<7 #
Chloromethane	<9 µg/l	TM208	<9 #
Vinyl chloride	<1.2 µg/l	TM208	<1.2 #
Bromomethane	<2 µg/l	TM208	<2 #
Chloroethane	<2.5 µg/l	TM208	<2.5 #
Trichlorofluoromethane	<1.3 µg/l	TM208	<1.3 #
1,1-Dichloroethene	<1.2 µg/l	TM208	<1.2 #
Carbon disulphide	<1.3 µg/l	TM208	<1.3 #
Dichloromethane	<3.7 µg/l	TM208	<3.7 #
Methyl tertiary butyl ether (MTBE)	<1.6 µg/l	TM208	<1.6 #
trans-1,2-Dichloroethene	<1.9 µg/l	TM208	<1.9 #
1,1-Dichloroethane	<1.2 µg/l	TM208	<1.2 #
cis-1,2-Dichloroethene	<2.3 µg/l	TM208	<2.3 #
2,2-Dichloropropane	<3.8 µg/l	TM208	<3.8 #
Bromochloromethane	<1.9 µg/l	TM208	<1.9 #
Chloroform	<1.8 µg/l	TM208	<1.8 #
1,1,1-Trichloroethane	<1.3 µg/l	TM208	<1.3 #
1,1-Dichloropropene	<1.3 µg/l	TM208	<1.3 #
Carbontetrachloride	<1.4 µg/l	TM208	<1.4 #
1,2-Dichloroethane	<3.3 µg/l	TM208	<3.3
Benzene	<1.3 µg/l	TM208	<1.3 #
Trichloroethene	<2.5 µg/l	TM208	<2.5 #
1,2-Dichloropropane	<3 µg/l	TM208	<3 #
Dibromomethane	<2.7 µg/l	TM208	<2.7 #
Bromodichloromethane	<0.9 µg/l	TM208	<0.9 #
cis-1,3-Dichloropropene	<1.9 µg/l	TM208	<1.9 #
Toluene	<1.4 µg/l	TM208	<1.4 #
trans-1,3-Dichloropropene	<3.5 µg/l	TM208	<3.5 #
1,1,2-Trichloroethane	<2.2 µg/l	TM208	<2.2 #
1,3-Dichloropropane	<2.2 µg/l	TM208	<2.2 #
Tetrachloroethene	<1.5 µg/l	TM208	<1.5 #
Dibromochloromethane	<1.7 µg/l	TM208	<1.7 #
1,2-Dibromoethane	<2.3 µg/l	TM208	<2.3 #
Chlorobenzene	<3.5 µg/l	TM208	<3.5 #
1,1,1,2-Tetrachloroethane	<1.3 µg/l	TM208	<1.3 #
Ethylbenzene	<2.5 µg/l	TM208	<2.5 #

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

VOC MS (W)

Results Legend	
#	ISO17025 accredited.
M	*m*CERTS accredited.
aq	Aqueous / settled sample.
diss.filt	Dissolved / filtered sample.
tot.unfilt	Total / unfiltered sample.
*	subcontracted test.
**	% recovery of the surrogate standard to check the efficiency of the method. The results of the individual compounds within the samples are not corrected for this recovery.

Customer Sample Ref.	WS401
Depth (m)	
Sample Type	Water(GW/SW)
Date Sampled	11/11/10
Date Received	12/11/10
SDG Ref	101112-16
Lab Sample No.(s)	2391102
AGS Reference	

Component	LOD/Units	Method	
m,p-Xylene	<2.5 µg/l	TM208	<2.5 #
o-Xylene	<1.7 µg/l	TM208	<1.7 #
Styrene	<1.2 µg/l	TM208	<1.2 #
Bromoform	<3 µg/l	TM208	<3 #
Isopropylbenzene	<1.4 µg/l	TM208	<1.4 #
1,1,2,2-Tetrachloroethane	<5.2 µg/l	TM208	<5.2
1,2,3-Trichloropropane	<7.8 µg/l	TM208	<7.8 #
Bromobenzene	<2 µg/l	TM208	<2 #
Propylbenzene	<2.6 µg/l	TM208	<2.6 #
2-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #
1,3,5-Trimethylbenzene	<1.8 µg/l	TM208	<1.8 #
4-Chlorotoluene	<1.9 µg/l	TM208	<1.9 #
tert-Butylbenzene	<2 µg/l	TM208	<2 #
1,2,4-Trimethylbenzene	<1.7 µg/l	TM208	<1.7 #
sec-Butylbenzene	<1.7 µg/l	TM208	<1.7 #
4-iso-Propyltoluene	<2.6 µg/l	TM208	<2.6 #
1,3-Dichlorobenzene	<2.2 µg/l	TM208	<2.2 #
1,4-Dichlorobenzene	<2.7 µg/l	TM208	<2.7 #
n-Butylbenzene	<2 µg/l	TM208	<2 #
1,2-Dichlorobenzene	<3.7 µg/l	TM208	<3.7
1,2-Dibromo-3-chloropropane	<9.8 µg/l	TM208	<9.8
1,2,4-Trichlorobenzene	<2.3 µg/l	TM208	<2.3 #
Hexachlorobutadiene	<2.5 µg/l	TM208	<2.5 #
tert-Amyl methyl ether (TAME)	<1 µg/l	TM208	<1 #
Naphthalene	<3.5 µg/l	TM208	<3.5 #
1,2,3-Trichlorobenzene	<3.1 µg/l	TM208	<3.1 #
1,3,5-Trichlorobenzene	<10 µg/l	TM208	<10
VOC TIC	-	TM208	No TIC's identified

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

ASSOCIATED AQC DATA

Alkalinity as CaCO3

Component	Method Code	QC 26	QC 28
Total Alkalinity as CaCO3	TM043	**102.50** 95.50 : 104.50	**100.50** 96.25 : 104.59

Ammonium

Component	Method Code	QC 23	QC 28
Ammoniacal Nitrogen as N	TM099	**103.50** 97.38 : 106.13	**103.40** 97.38 : 106.13

Anions by ion Chromatography

Component	Method Code	QC 24	QC 20
Bromide (W)	TM226	**99.96** 87.20 : 117.98	**100.70** 87.20 : 117.98
Chloride (W)	TM226	**100.42** 87.93 : 118.97	**101.10** 87.93 : 118.97
Fluoride (W)	TM226	**100.71** 85.99 : 116.34	**101.42** 85.99 : 116.34
Nitrate (W)	TM226	**97.73** 85.72 : 115.98	**98.79** 85.72 : 115.98
Nitrite (W)	TM226	**103.20** 88.58 : 119.84	**104.04** 88.58 : 119.84
Phosphate (W)	TM226	**98.30** 86.12 : 116.51	**99.19** 86.12 : 116.51
Sulphate (W)	TM226	**99.46** 87.56 : 118.46	**100.41** 87.56 : 118.46

Anions by Kone (w)

Component	Method Code	QC 21	QC 27
Chloride	TM184	**104.09** 94.23 : 107.50	**103.80** 92.01 : 104.18
Nitrite as NO2	TM184	**101.70** 95.28 : 105.30	**100.10** 92.92 : 105.47
Sulphate (soluble)	TM184	**101.40** 94.38 : 108.93	**102.60** 95.09 : 105.03
TON as NO3	TM184	**97.20** 98.83 : 109.23	**100.29** 93.27 : 107.89

Conductivity (at 20 deg.C)

Component	Method Code	QC 20	QC 22
Conductivity (at 20 deg.C)	TM120	**98.67** 96.85 : 101.66	**98.82** 96.85 : 101.66

Cyanide Comp/Free/Total/Thiocyanate

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

Component	Method Code	QC 29	QC 25	QC 27
Free Cyanide (W)	TM227	**101.10** 87.13 : 117.88	**93.80** 87.13 : 117.88	**94.55** 87.13 : 117.88
Thiocyanate (W)	TM227	**100.00** 84.79 : 114.71	**92.63** 84.79 : 114.71	**92.20** 84.79 : 114.71
Total Cyanide (W)	TM227	**104.55** 87.76 : 118.74	**91.20** 87.76 : 118.74	**97.85** 87.76 : 118.74

Dissolved Metals by ICP-MS

Component	Method Code	QC 23	QC 28
Aluminium	TM152	**103.84** 85.00 : 115.00	**103.04** 85.00 : 115.00
Antimony	TM152	**95.31** 85.00 : 115.00	**98.93** 85.00 : 115.00
Arsenic	TM152	**94.97** 85.00 : 115.00	**94.24** 85.00 : 115.00
Barium	TM152	**101.99** 85.00 : 115.00	**100.95** 85.00 : 115.00
Beryllium	TM152	**91.84** 85.00 : 115.00	**109.00** 85.00 : 115.00
Bismuth	TM152	**97.57** 85.00 : 115.00	**100.24** 85.00 : 115.00
Boron	TM152	**98.68** 85.00 : 115.00	**108.69** 85.00 : 115.00
Cadmium	TM152	**96.77** 85.00 : 115.00	**97.65** 85.00 : 115.00
Chromium	TM152	**98.28** 85.00 : 115.00	**100.29** 85.00 : 115.00
Cobalt	TM152	**97.93** 85.00 : 115.00	**102.88** 85.00 : 115.00
Copper	TM152	**98.73** 85.00 : 115.00	**96.81** 85.00 : 115.00
Lead	TM152	**100.29** 85.00 : 115.00	**103.64** 85.00 : 115.00
Lithium	TM152	**97.89** 85.00 : 115.00	**112.09** 85.00 : 115.00
Manganese	TM152	**100.41** 85.00 : 115.00	**106.73** 85.00 : 115.00
Molybdenum	TM152	**97.13** 85.00 : 115.00	**96.32** 85.00 : 115.00
Nickel	TM152	**97.27** 85.00 : 115.00	**98.96** 85.00 : 115.00
Phosphorus	TM152	**99.76** 85.00 : 115.00	**98.61** 85.00 : 115.00
Selenium	TM152	**93.39** 85.00 : 115.00	**95.88** 85.00 : 115.00
Silver	TM152	**95.12** 85.00 : 115.00	**92.44** 85.00 : 115.00
Strontium	TM152	**102.35** 85.00 : 115.00	**101.23** 85.00 : 115.00
Tellurium	TM152	**96.01** 85.00 : 115.00	**96.21** 85.00 : 115.00
Thallium	TM152	**101.41** 85.00 : 115.00	**102.77** 85.00 : 115.00

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

		QC 23	QC 28
Tin	TM152	**98.32** 85.00 : 115.00	**98.64** 85.00 : 115.00
Titanium	TM152	**98.97** 85.00 : 115.00	**97.87** 85.00 : 115.00
Uranium	TM152	**99.75** 85.00 : 115.00	**98.92** 85.00 : 115.00
Vanadium	TM152	**98.29** 85.00 : 115.00	**99.83** 85.00 : 115.00
Zinc	TM152	**93.85** 85.00 : 115.00	**97.49** 85.00 : 115.00

EPH (DRO) (C10-C40) Aqueous (W)

Component	Method Code	QC 24	QC 20	QC 22
EPH (DRO) (C10-C40)	TM172	**88.26** 38.50 : 139.00	**98.14** 50.00 : 125.50	**103.28** 50.00 : 125.50

EPH CWG (Aliphatic) Aqueous GC (W)

Component	Method Code	QC 29	QC 29
Total Aliphatics >C12-C35	TM174	**87.98** 71.03 : 104.04	**85.57** 71.03 : 104.04

EPH CWG (Aromatic) Aqueous GC (W)

Component	Method Code	QC 24	QC 22
Total Aromatics >EC12-EC35	TM174	**101.14** 65.00 : 117.38	**95.48** 65.00 : 117.38

Mercury Dissolved

Component	Method Code	QC 27	QC 22	QC 27
Mercury Dissolved (CVAF)	TM183	**96.00** 79.41 : 116.68	**98.70** 79.41 : 116.68	**94.80** 85.87 : 123.88

Metals by iCap-OES Dissolved (W)

Component	Method Code	QC 25	QC 27
Calcium	TM228	**99.84** 81.78 : 115.59	**96.13** 81.78 : 115.59
Iron	TM228	**89.16** 81.04 : 106.35	**85.08** 81.04 : 106.35
Magnesium	TM228	**98.63** 81.62 : 113.40	**94.27** 81.62 : 113.40
Potassium	TM228	**96.62** 81.27 : 112.71	**93.68** 81.27 : 112.71
Sodium	TM228	**92.79** 81.34 : 114.58	**99.03** 81.34 : 114.58

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

PAH Spec MS - Aqueous (W)

Component	Method Code	QC 20	QC 26	QC 27
Acenaphthene by GCMS	TM178	**95.77** 82.64 : 105.96	**97.12** 82.64 : 105.96	**98.58** 85.48 : 106.23
Acenaphthylene by GCMS	TM178	**99.10** 77.40 : 104.05	**96.95** 77.40 : 104.05	**101.17** 80.12 : 106.77
Anthracene by GCMS	TM178	**100.99** 77.85 : 105.75	**93.61** 77.85 : 105.75	**96.52** 77.85 : 105.75
Benz(a)anthracene by GCMS	TM178	**101.55** 74.75 : 107.36	**96.79** 74.75 : 107.36	**97.55** 78.50 : 107.21
Benzo(a)pyrene by GCMS	TM178	**100.08** 82.57 : 113.60	**103.71** 82.57 : 113.60	**110.22** 83.70 : 117.01
Benzo(b)fluoranthene by GCMS	TM178	**104.50** 87.25 : 114.25	**105.21** 87.25 : 114.25	**100.19** 87.25 : 114.25
Benzo(ghi)perylene by GCMS	TM178	**96.44** 82.05 : 112.05	**101.00** 82.05 : 112.05	**103.27** 82.05 : 112.05
Benzo(k)fluoranthene by GCMS	TM178	**98.47** 87.20 : 122.40	**104.81** 87.20 : 122.40	**114.49** 87.20 : 122.40
Chrysene by GCMS	TM178	**100.68** 83.43 : 107.48	**102.55** 83.43 : 107.48	**103.97** 85.32 : 108.58
Dibenzo(ah)anthracene by GCMS	TM178	**97.02** 72.40 : 118.55	**99.51** 72.40 : 118.55	**97.39** 72.40 : 118.55
Fluoranthene by GCMS	TM178	**102.73** 80.63 : 107.61	**97.69** 80.63 : 107.61	**104.32** 87.00 : 105.75
Fluorene by GCMS	TM178	**97.01** 81.74 : 107.56	**99.25** 81.74 : 107.56	**105.91** 83.15 : 107.63
Indeno(123cd)pyrene by GCMS	TM178	**102.53** 82.25 : 114.75	**105.12** 82.25 : 114.75	**105.70** 82.25 : 114.75
Naphthalene by GCMS	TM178	**97.96** 82.31 : 107.48	**101.69** 82.31 : 107.48	**100.23** 84.63 : 104.92
Phenanthrene by GCMS	TM178	**99.63** 84.10 : 107.63	**99.21** 84.10 : 107.63	**99.59** 86.86 : 107.20
Pyrene by GCMS	TM178	**102.26** 84.55 : 108.55	**99.47** 84.55 : 108.55	**104.01** 84.55 : 108.55
Volume	TM178	**15000.00**	**15000.00**	**15000.00**

pH Value

Component	Method Code	QC 27	QC 22
pH	TM256	**99.57** 98.71 : 100.43	**99.57** 98.71 : 100.43

Sulphide

Component	Method Code	QC 24
Sulphide	TM101	**99.40** 77.08 : 135.77

SVOC MS (W) - Aqueous

Validated

ALcontrol Laboratories Analytical Services

SDG	101112-16	**Customer:**	WYG Geo-Environment
Job:	H_WYG_MAN-29	**Attention:**	Danielle Kobak
Client Reference:	A64184	**Order No.:**	
Location:	Openshaw West	**Report No:**	105173

Component	Method Code	QC 26
4-Bromophenylphenylether	TM176	**98.93** 74.07 : 108.33
Benzo(a)anthracene	TM176	**93.77** 64.51 : 105.49
Benzo(a)pyrene	TM176	**78.98** 53.03 : 98.81
Butylbenzyl phthalate	TM176	**103.61** 63.86 : 115.28
Hexachlorobutadiene	TM176	**70.39** 45.86 : 100.88
Naphthalene	TM176	**94.86** 75.05 : 106.07
Nitrobenzene	TM176	**95.23** 69.60 : 106.80
Phenol	TM176	**55.88** 45.42 : 71.52

The above information details the reference name of the analytical quality control sample (AQC) that has been run with the samples contained in this report for the different methods of analysis.
The figure detailed is the percentage recovery result for the AQC.
The subscript numbers below are the percentage recovery lower control limit (LCL) and the upper control limit (UCL). The percentage recovery result for the AQC should be between these limits to be statistically in control.

Table of Results - Appendix

SDG Number : 101112-16 **Client :** H_WYG_MAN **Client Ref :** A64184

REPORT KEY

Results expressed as (e.g.) 1.03E-07 is equivalent to 1.03x10-7

NDP	No Determination Possible	#	ISO 17025 Accredited	*	Subcontracted Test	M	MCERTS Accredited
NFD	No Fibres Detected	PFD	Possible Fibres Detected	»	Result previously reported (Incremental reports only)	EC	Equivalent Carbon (Aromatics C8-C35)

Note: Method detection limits are not always achievable due to various circumstances beyond our control

Method No	Reference	Description	Wet/Dry Sample [1]	Surrogate Corrected
TM043	Method 2320B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part109 1984	Determination of alkalinity in aqueous samples		
TM061	Method for the Determination of EPH,Massachusetts Dept.of EP, 1998	Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)		
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser		
TM101	Method 4500B & C, AWWA/APHA, 20th Ed., 1999	Determination of Sulphide in soil and water samples using the Kone Analyser		
TM120	Method 2510B, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part 9:1970	Determination of Electrical Conductivity using a Conductivity Meter		
TM152	Method 3125B, AWWA/APHA, 20th Ed., 1999	Analysis of Aqueous Samples by ICP-MS		
TM172	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	EPH in Waters		
TM174	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	Determination of Speciated Extractable Petroleum Hydrocarbons in Waters by GC-FID		
TM176	EPA 8270D Semi-Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Determination of SVOCs in Water by GCMS		
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters		
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry		
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers		
TM208	Modified: US EPA Method 8260b & 624	Determination of Volatile Organic Compounds by Headspace / GC-MS in Waters		
TM226	In-House Method	Determination of Anions in Waters using Ion Chromatography		
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate		
TM228	US EPA Method 6010B	Determination of Major Cations in Water by iCap 6500 Duo ICP-OES		
TM245	By GC-FID	Determination of GRO by Headspace in waters		
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4.	Determination of pH in Water and Leachate using the GLpH pH Meter		
TM259		Determination of Phenols in Waters and Leachates by HPLC		

[1] Applies to Solid samples only. DRY indicates samples have been dried at 35°C. NA = not applicable.

ALcontrol Laboratories

SVOC Tentatively Identified Compounds

Job Number - 101112-16
Customer - H_WYG_MAN
Sample Identity - 2395138 /2483392-BH415S[]
Sample Type [Units] - Water - µg/l
Date Acquired - 19/11/10
Date Reported - 20/11/10
Analyst - AH

Tentative Compound Identification	Retention Time min	Concentration µg/l
Dichlorobenzoic acid isomer	7.975	23
Unknwon	8.056	15

MAY INCLUDE PREVIOUSLY QUANTIFIED RESULTS
Please Note: the identification and semi-quantification of these tentatively identified compounds is outside the scope of the UKAS accreditation for this method

APPENDIX

APPENDIX

1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA Leach tests, flash point, ammonium as NH_4 by the BRE method, VOC TICS, SVOC TICS, TOF-MS SCAN/SEARCH and TOF-MS TICS.
2. Samples will be run in duplicate upon request, but an additional charge may be incurred.
3. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for both soil jars, tubs and volatile jars. All waters and vials will be discarded 10 days after the analysis is completed (e-mailed). All material removed during an asbestos containing material screen and analysed for the presence of asbestos will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALcontrol Laboratories reserve the right to charge for samples received and stored but not analysed.
4. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.
5. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.
6. When requested, the individual sub sample scheduled will be screened in house for the presence of large asbestos containing material fragments/pieces. If no asbestos containing material is found this will be reported as 'no asbestos containing material detected'. If asbestos containing material is detected it will be removed and analysed by our documented in house method TM048 based on HSG 248 (2005), which is accredited to ISO17025. If asbestos containing material is present no further analysis will be undertaken. At no point is the fibre content of the soil sample determined.
7. If no separate volatile sample is supplied by the client, the integrity of the data may be compromised if the laboratory is required to create a sub-sample from the bulk sample – similarly, if a headspace or sediment is present in the volatile sample. This will be flagged up as an invalid VOC on the test schedule or recorded on the log sheet.
8. If appropriate preserved bottles are not received preservation will take place on receipt. However, the integrity of the data may be compromised.
9. NDP – No determination possible due to insufficient/unsuitable sample.
10. Metals in water are performed on a filtered sample, and therefore represent dissolved metals – total metals must be requested separately.
11. A table containing the date of analysis for each parameter is not routinely included with the report, but is available upon request.
12. Results relate only to the items tested
13. **Surrogate recoveries** – Most of our organic methods include surrogates, the recovery of which is monitored and reported. For EPH, MO, PAH, GRO and VOCs on soils the result is not surrogate corrected, but a percentage recovery is quoted. Acceptable limits for most organic methods are 70 – 130 %.
14. **Product analyses** – Organic analyses on products can only be semi-quantitative due to the matrix effects and high dilution factors employed.
15. Phenols monohydric by HPLC include phenol, cresols (2-Methylphenol, 3-Methylphenol and 4-Methylphenol) and Xylenols (2,3 Dimethylphenol, 2,4 Dimethylphenol, 2,5 Dimethylphenol, 2,6 Dimethylphenol, 3,4 Dimethyphenol, 3,5 Dimethylphenol).
16. Total of 5 speciated phenols by HPLC includes Phenol, 2,3,5-Trimethyl Phenol, 2-Isopropylphenol, Cresols and Xylenols (as detailed in 14).
17. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.
18. Our MCERTS accreditation for PAHs by GCMS applies to all product types apart from Kerosene, where naphthalene only is not accredited.
19. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.
19. Mercury results quoted on soils will not include volatile mercury as the analysis is performed on a dried and crushed sample.
20. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.
21. For all leachate preparations (NRA, DIN, TCLP, BSEN 12457-1, 2, 3) volatile loss may occur, as we do not employ zero headspace extraction.
22. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials – whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
23. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C4 – C10 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.

LIQUID MATRICES EXTRACTION SUMMARY

ANALYSIS	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
PAH MS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
EPH	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
EPH CWG	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
MINERAL OIL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC FID
PCB 7 CONGENERS	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GC MS
PCB TOTAL	HEXANE	STIRRED EXTRACTION (STIR-BAR)	GS MS
SVOC	DCM	LIQUID/LIQUID SHAKE	GC MS
FREE SULPHUR	DCM	SOLID PHASE EXTRACTION	HPLC
PEST OCP/OPP	DCM	LIQUID/LIQUID SHAKE	GC MS
TRIAZINE HERBS	DCM	LIQUID/LIQUID SHAKE	GC MS
PHENOLS MS	DCM	SOLID PHASE EXTRACTION	GC MS
TPH by INFRA RED (IR)	TCE	LIQUID/LIQUID EXTRACTION	HPLC
MINERAL OIL by IR	TCE	LIQUID/LIQUID EXTRACTION	HPLC
GLYCOLS	NONE	DIRECT INJECTION	GC FID

SOLID MATRICES EXTRACTION SUMMARY

ANALYSIS	D/C OR WET	EXTRACTION SOLVENT	EXTRACTION METHOD	ANALYSIS
Solvent Extractable Matter	D&C	DCM	SOXTHERM	GRAVIMETRIC
Cyclohexane Ext. Matter	D&C	CYCLOHEXANE	SOXTHERM	GRAVIMETRIC
Thin Layer Chromatography	D&C	DCM	SOXTHERM	IATROSCAN
Elemental Sulphur	D&C	DCM	SOXTHERM	HPLC
Phenols by GCMS	WET	DCM	SOXTHERM	GC-MS
Herbicides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
Pesticides	D&C	HEXANE:ACETONE	SOXTHERM	GC-MS
EPH (DRO)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Min oil)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH (Cleaned up)	D&C	HEXANE:ACETONE	END OVER END	GC-FID
EPH CWG by GC	D&C	HEXANE:ACETONE	END OVER END	GC-FID
PCB tot / PCB con	D&C	HEXANE:ACETONE	END OVER END	GC-MS
Polyaromatic Hydrocarbons (MS)	WET	HEXANE:ACETONE	Microwave TM218.	GC-MS
C8-C40 (C6-C40)EZ Flash	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Polyaromatic Hydrocarbons Rapid GC	WET	HEXANE:ACETONE	SHAKER	GC-EZ
Semi Volatile Organic Compounds	WET	DCM:ACETONE	SONICATE	GC-MS

Identification of Asbestos in Bulk Materials

The results for asbestos identification for soil samples are obtained from possible Asbestos Containing Material, removed during the 'Screening of soils for Asbestos Containing Materials', which have been examined to determine the presence of asbestos fibres using Alcontrol Laboratories (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2005).

Visual Estimation Of Fibre Content.

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: -

Trace – Where only one or two asbestos fibres were identified.

Further guidance on typical asbestos fibre content of manufactured products can be found in MDHS 100.

The identification of asbestos containing materials falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.

Asbestos Type	Common Name
Chrysotile	White Asbestos
Amosite	Brown Asbestos
Crocidolite	Blue Asbestos
Fibrous Actinolite	-
Fibrous Anthophyllite	-
Fibrous Tremolite	-

Appendix D – Gas Sample Laboratory Results

Scientific Analysis Laboratories is a limited company registered in England and Wales (No 2514788) whose address is at Hadfield House, Hadfield Street, Manchester M16 9FE

Scientific Analysis Laboratories

Certificate of Analysis

Hadfield House
Hadfield Street
Cornbrook
Manchester
M16 9FE
Tel : 0161 874 2400
Fax : 0161 874 2404

Report Number: 217220-1

Date of Report: 03-Nov-2010

Customer: White Young Green
Quay West at MediaCityUK
Trafford Wharf Road
Trafford Park
Manchester
M17 1HH

Customer Contact: Mr Simon Johnson

Customer Job Reference: A64184
Customer Purchase Order: 4704/2591/A64184
Date Job Received at SAL: 27-Oct-2010
Date Analysis Started: 31-Oct-2010
Date Analysis Completed: 03-Nov-2010

The results reported relate to samples received in the laboratory
This report should not be reproduced except in full without the written approval of the laboratory
Tests covered by this certificate were conducted in accordance with SAL SOPs

Report checked and authorised by :
Kayleigh McCann
Project Manager

Issued by :

Scientific Analysis Laboratories is a limited company registered in England and Wales (No 2514788) whose address is at Hadfield House, Hadfield Street, Manchester M16 9FE

Scientific Analysis Laboratories

Certificate of Analysis

Hadfield House
Hadfield Street
Cornbrook
Manchester
M16 9FE
Tel : 0161 874 2400
Fax : 0161 874 2404

Report Number: 217647-1

Date of Report: 08-Nov-2010

Customer: White Young Green
Quay West at MediaCityUK
Trafford Wharf Road
Trafford Park
Manchester
M17 1HH

Customer Contact: Mr Simon Johnson

Customer Job Reference: A64184
Date Job Received at SAL: 01-Nov-2010
Date Analysis Started: 02-Nov-2010
Date Analysis Completed: 05-Nov-2010

The results reported relate to samples received in the laboratory
This report should not be reproduced except in full without the written approval of the laboratory
Tests covered by this certificate were conducted in accordance with SAL SOPs

Report checked and authorised by :
Kayleigh McCann
Project Manager

Issued by :

SAL Reference: 217647
Customer Reference: A64184

Gas Bag Analysed as Gas Bag
Bulk Gas Screen

				SAL Reference	**217647 002**	**217647 003**
				Customer Sample Reference	**BH402**	**RBH424**
				Test Sample	**AR**	**AR**
Determinand	**Method**	**LOD**	**Units**	**Symbol**		
Carbon Dioxide	GC/TCD	0.02	%	N	**3.6**	<0.02
Carbon Monoxide	GC/TCD	0.02	%	N	<0.02	<0.02
Hydrogen	GC/TCD	0.2	%	N	<0.2	<0.2
Methane	GC/TCD	0.02	%	N	**0.04**	<0.02
Nitrogen	GC/TCD	0.02	%	N	**91**	**82**
Oxygen	GC/TCD	0.02	%	N	**5.4**	**18**

SAL Reference: 217647
Customer Reference: A64184

Gas Bag Analysed as Gas Bag
Miscellaneous

				SAL Reference	**217647 001**	**217647 004**
				Customer Sample Reference	**BH415 Deep**	**BH415 Shallow**
				Test Sample	**AR**	**AR**
Determinand	**Method**	**LOD**	**Units**	**Symbol**		
Volatile Organic Compounds Screen (Top 10 screen)	GC/MS	10	ppm	N	<10	<10

Index to symbols used in 217647-1

Value	Description
AR	As Received
N	Analysis is not UKAS accredited

SAL Reference: 217220
Customer Reference: A64184

Gas Bag Analysed as Gas Bag
Miscellaneous

				SAL Reference	**217220 002**	**217220 004**	**217220 005**	**217220 006**
				Customer Sample Reference	**BHI207**	**BH409A**	**BH103**	**BHS304**
				Test Sample	**AR**	**AR**	**AR**	**AR**
Determinand	**Method**	**LOD**	**Units**	**Symbol**				
Volatile Organic Compounds Screen (Top 10 screen)	GC/MS	10	ppm	N	<10	<10	<10	<10

SAL Reference: 217220
Customer Reference: A64184

Tube (Silica Gel) Analysed as Tube (Silica Gel)
Miscellaneous

					SAL Reference	**217220 010**	**217220 011**	**217220 012**	**217220 013**	**217220 014**
					Customer Sample Reference	**BH115**	**BH413**	**BH418**	**BHI202**	**BHI209**
					Test Sample	**AR**	**AR**	**AR**	**AR**	**AR**
					Volume l	**0.6**	**0.7**	**0.6**	**0.8**	**0.1**
Determinand	**Method**	**LOD**	**Units**	**Symbol**						
Nitrobenzene	GC/MS	10	µg	N	<10	<10	<10	<10	<10
	C	C	mg/m3		<17	<14	<17	<13	<100
	C	C	ppm		<3.3	<2.8	<3.3	<2.5	<20

Index to symbols used in 217220-1

Value	Description
AR	As Received
N	Analysis is not UKAS accredited

Appendix E – Screened Results

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Determinand	Aluminium		Antimony		Arsenic		Barium		Beryllium		Cadmium		Chromium		Hexavalent Chromium		Cobalt		Copper		Iron		Lead		Mercury		Nickel
				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/kg
	TSV						7500		298		1300		420		84.9		1460		4.3				6200				2960		25.8		1800
Aspinwalls 1995	A1	1.00	MG						75						1		30	<	1				216				527		2.3		45
	A2	0.60	MG						240						1		67	<	1				273				1512		3.4		42
	A3	1.00	MG						157						1		20	<	1				358				1320		3		28
	A4	1.00	MG						111					<	1		36	<	1				178				423		3		25
	CC1	0.2-0.3	MG						36					<	1		33	<	1				74				193		0.5		45
	CC1	0.8	MG						1048					<	1		29	<	1				229				2861		8		22
	CC2	0.4	MG						115						2		5	<	1				32				691		3.2		4
	CC2	0.5-0.8	MG						854					<	1		16	<	1				167				1531		4.9		52
	CC3	0.4	MG						99						1		32	<	1				378				1657		6.1		46
	CC3	0.65	MG						259					<	1		31	<	1				387				1481		19		29
	CC3	2.3	Till						67					<	1		26	<	1				337				66	<	0.5		29
	CC4	0.2-0.55	MG																												
	CC4	1.5	MG						448					<	1		30	<	1				296				416		2		47
	CC4	2.3-2.8	Till						15					<	1		15	<	1				22				51	<	0.5		16
	CC5	0.6	MG						21					<	1		4	<	1				16				125	<	0.5		5
	CC6	1.0	MG						120					<	1		15	<	1				387				472		1.8		28
	CC7	0.0-0.1	MG						22					<	1		23	<	1				110				132	<	0.5		28
	CC7	0.4	MG						312						2		56	<	1				322				367		1.8		37
	CC7	2.3	Till						144						1		31	<	1				266				388		0.9		31
	CC8	0.6	MG						19					<	1		4	<	1				15				57		1.9		1
	CC8	2.1	MG						4520						1		14	<	1				298				18540		2600		5
	CC8	2.6-2.8	Till						535					<	1		5	<	1				96				475		22		6
	CC9	0.5	MG						40					<	1		13	<	1				31				69		0.8		7
	CC9	2.7	Till						652					<	1		5	<	1				20				37	<	0.5		1
	CC10	1.75	MG						1512						1		35	<	1				776				1186		1.7		44
	CC11	0.2	MG																												
	CC11	0.4	MG						995						1		36	<	1				417				5292		29		55
	CC11	0.9	MG						1138						4		51	<	1				734				9995		19		40
	CC12	0.45-0.7	MG						249					<	1		38	<	1				206				935		2.5		33
	CC12	1.0-1.6	MG						471					<	1		21	<	1				248				275		4.9		24
	CC13	0.8	MG						200					<	1		6	<	1				111				7331		40		30
	CC13	1.8	MG						493						3		10	<	1				136				1466		7.8		4
	CC14	0.7	MG						721						5		34	<	1				777				4220		5.9		25
	CC14	2.1	MG						800						1		23	<	1				450				4541		3		23
	CC15	1.0-1.6	Till						194					<	1		41	<	1				284				2049		3.5		72
	CC15	3.0	Till						193						1		24	<	1				53				195		1.4		33
	CC17	0.9	MG						78						2		45	<	1				138				438		5.4		34
	CC17	1.9	MG						6644						1		20	<	1				2261				15750		1000		15
	CC18	1.1	MG						256						9		30	<	1				261				5107		50		80
	CC18	1.9	MG						803						1		22	<	1				1802				636		3.1		57
	CC19	0.5	MG						140					<	1		38	<	1				435				733		6.8		67
	CC20	1.1	MG						44					<	1		20	<	1				125				73		8		48
	CC20	1.4	Till						48						1		46	<	1				112				91		3		46
	CC21	0.2-0.8	MG						32					<	1		31	<	1				129				334		1.3		36
	CC21	2.1	MG						31						1		18	<	1				87				136		1		35
	CC22	1.6	MG						11						1		21	<	1				41				115		0.6		29
	CC22	2.1	MG						54						1		31	<	1				135				1222		0.9		37
	CC23	1.1	MG						37						2		37	<	1				495				400		1.2		45
	CC23	2.4	MG						217						4		68	<	1				380				970		6.8		56
	CC23	3.4	MG						183						1		196	<	1				792				490		1.6		108
	CC24	0.7	MG						10					<	1		24	<	1				37				57		0.4		34
	CC24	1.8	MG																												
	CC25	1.0	MG						14						1		30	<	1				320				264		0.7		30
	CC25	2.9	MG						56					<	1		77	<	1				144				347		2.3		126
	CC26	1.2	MG						10						2		22	<	1				36				81	<	0.5		29
	CC26	2.3	MG						35					<	1		27	<	1				96				348		1		27
	CC27	1.3	MG						25					<	1		24	<	1				54				174		2.6		30
	CC27	1.8	Till						95					<	1		26	<	1				137				523		1.2		44
	CC28	0.8	MG						14						2		17	<	1				50				103	<	0.5		18
	CC28	2.9	MG						67					<	1		45	<	1				190				285		1		89
URS 2006	BH101	1.2-1.3	MG						21								17						24				88				15
	BH102	1	MG						53								18						186				99				16
	BH102	1.3	MG																												
	BH103	0.95	MG						2								17						9				11				13
	BH103	1.9	MG																												
	BH104	1.8	MG						209						3								122				1488		14		1
	BH104	2.8	MG																												
	BH105	0.6-0.7	MG						13														67				159				11
	BH106	0.8	MG						4														69				31				20
	BH107	1.0-1.3	MG						8														121				402				14
	BH107	1.3	MG																												
	BH107	2.0	MG																												
	BH108	0.65	MG						21		361		3				30						80				96				35
	BH108	0.7	MG																												
	BH109	0.5	MG						29		182		1				25						38				118				27
	BH109	1.7	MG																												
	BH110	0.85	MG						32		489		4				36						888				134				61
	BH110	1.3	MG																												
	BH111	0.4	MG						52		964		2		2		18						101				558				26
	BH111	0.9	MG																												
	BH111	1.6	Till																												
	BH112	0.7	MG						104		1151		4		2		23						118				182				41
	BH112	1.9	MG																												
	BH113	0.5-0.6	MG						27		269						39						52				416				29
	BH113	2.25	MG																												
	BH114	0.8	MG						14		847		4				642						108				178		9		38
	BH114	3.2	MG																												
	BH115	0.9	MG						18		167		1				13						152				26				38
	BH115	2.3	MG																												
	BH116	0.5	MG						23		339		3				37						918				610				88
	BH116	0.8	MG																												
	BH117	0.7	MG						18		651		4				23						101				53				40
	BH117	2.6	MG																												
	BH118	0.8	MG						463		84		3		5		84						473				1516		13		74

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Determinand	Aluminium		Antimony		Arsenic		Barium		Beryllium		Cadmium		Chromium		Hexavalent Chromium		Cobalt		Copper		Iron		Lead		Mercury		Nickel
				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/kg
TSV							7500		298		1300		420		84.9		1460		4.3				6200				2960		25.8		1800
	BH118	1.2	MG																												
	BH119	1.3	MG						128								41						1038				634				31
	BH119	1.45	MG																												
	BH120	0.85	Till						1198		109				4		22						236				234		1		15
	TP201	2	MG						7		47						22						28				9		66		
	TP202	2	MG						617		74		1		2		19						1001				20		1707		5
	TP203	1.00	MG																												
	TP203	2.0	MG						364		251				8		11						1421				3541		34		29
	TP204	1.0	MG						45		195												145				192				41
	TP204	2.00	MG																												
	TP205	1.0	MG						2011		649				35								1114				1877		3		43
	TP205	2.5	MG																												
	TP206	2.0	MG																												
	TP207	1.0	MG						17		142												32				93				23
	TP207	3.0	MG																												
	TP208	1.7	MG						196		434				5								392				708		2		35
	TP209	2.0	Till						170		594				4								359				1568				37
	TP211	1.0	MG						14		113												27				28				25
	TP212	2.0	MG						40		389		3				35						262				238				73
	TP214	1.0	MG						237		417		2		4		31						323				586				47
Capita Symonds 2006	TP01	1.40	Till						8					<	0.5		24						23				12	<	0.5		27
	TP02	0.80	MG						16						0.6		21						119				213	<	0.5		24
	TP03	1.45	Till																												
	TP04	1.30	MG						148						7.4		23						127				929		4.7		84
	TP04	1.80	MG						359						6.9		24						385				367		0.8	<	0.5
	TP05	3.40	MG						359						4.4		14						85				90	<	0.5		14
	TP05	4.00	Till																												
	TP06	2.70	MG						647						5.4		34						163				82	<	0.5		25
	TP07	1.70	Till						28					<	0.5		29						10				54	<	0.5		13
	TP08	1.60	MG						225						2		16						268				1480		2		13
	TP09	2.60	MG																												
	TP09	2.95	Till						743						6.2		30						38				60	<	0.5		13
	TP10	0.75	MG						19					<	0.5		20						169				75	<	0.5		28
	WS02	2.00	Till						23					<	0.5		9						31				1200	<	0.5	<	5
	WS03	1.30	MG																												
	WS03	2.15	Till						26						2.3		30						180				233	<	0.5		36
	WS04	1.45	MG																												
	WS04	1.95	Till																												
	WS05	1.65	Till						9					<	0.5		27						23				36	<	0.5		31
	WS06B	1.50	MG																												
	WS06B	1.90	MG																												
	WS06B	2.50	Till																												
	WS08	1.80	Till						11							<	0.5										20	<	0.5		11
	WS10C	2.10	MG						1130								23										799		1.8		38
	WS11	0.80	Till						51								8										278		0.9		32
	WS12	1.10	Till						78						1.1		24						98				58		0.5		46
	WS09	0.85	MG						75					<	1		13	<	0.3				53				186	<	1.2		13
	BHS301	0.6-0.7	MG				57		150						7.7		34				16		400				2300		3.2		35
	BHS301	3.4-3.6	Till						3						0.3		23						15				3		0.6		29
	BHS302	1.5-2.0	MG				2.6		3						0.7		11				5.7		67				81		0.6		9.4
	BHS302	2.8-3.0	MG						13						0.5		4.5						140				15		0.6		0.6
	BHS303	0.7-1.0	MG				30		180						1.5		28				35		490				1900		2.3		45
	BHS303	1.8-2.0	Till						13						0.3		27						28				73		0.6		32
	BHS304	0.9-1.3	MG				39		14000						37		120				13		1700				4500		18		24
	BHS304	3.8-4.0	Till						79						0.5		27						55				31		0.6		35
	BHS305	0.75-0.9	MG				1.6		150						0.3		6.8				1.5		80				42		0.6		5.9
	BHS305	1.0-1.4	MG						330						1.9		6.3						18				97		0.6		4.5
	BHS305	2.8-3.0	Till																												
	BHS307	0.5-0.9	MG				1.5		82						0.6		7.6				7.8		770				78		0.6		14
	BHS307	2.7-3.0	Till						250						0.3		9.5						130				1000		2.7		15
	BHS307	3.8-4.0	Till																												
	BHS308	1.0-1.5	MG						14						0.3		4.5						50				2400		3.4		3.1
	BHS308	2.8-3.0	Till				1.9		3						0.3		22				11		15				51		0.6		25
	BHS309	0.6-1.0	MG				3		14						0.3		6.9				5.3		22				79		0.6		5.7
	BHS309	1.6-1.9	MG						3						0.3		33						6				19		0.6		25
	BHS309	2.8-3.0	Till																												
	BHS310	0.2-0.8	MG				1.5		3						0.3		15				6.4		7				14		0.6		12
	BHS311	0.25-0.5	MG				1.5		5						0.4		23				7.8		23				39		0.6		17
	BHS311	3.6-4.0	Till						6						0.7		8.7						54				70		0.6		7.2
	BHS312	0.5-0.7	MG				1.5		19						0.4		29				19		94				250		0.6		49
	BHS312	2.8-3.0	MG						4						0.3		21						11				110		0.6		8.8
	BHS313	0.8-1.0	MG						42						1		39						180				420		0.6		48
	BHS313	2.55-2.6	Till				1.7		11						0.3		15				12		39				36		0.6		24
	BHS314	0.2-.0.4	MG				2.3		41						1		20				7.1		39				110		0.6		18
	BHS314	2.5-3.0	MG						22						0.6		15						28				40		0.6		14
	BHS315	0.3-0.5	MG				20		120						2.9		27				16		140				1600		1.7		31
	BHS315	2.2-2.4	Till						9						0.3		27						6				11		0.6		13
	BHS316	0.80-1.00	MG				3.8		130						2.4		47				12		82				85		0.6		20
	BHS316	1.3-1.4	MG						61						1.1		28						57				36		0.6		20
	BHS317	0.3-0.6	MG				4.8		52						4.1		29				26		150				210		0.6		57
	BHS317	2.4-2.6	MG																												
	BHS317	3.1-3.15	MG						120						0.6		38						170				220		0.7		36
	BHS318	0.2-0.9	MG						36						0.5		26						100				180		0.6		31
	BHS318	2-2.4	MG				1.5		8						1.3		27				17		40				97		0.6		40
	BHS319	0.6-0.8	MG				910		37000						870		11				24		1800				11000		42		11
	BHS319	0.8-1.0	MG																												
	BHS319	2.8-3.0	Till						12						0.3		39						27				24		0.6		46
	BHS320	0.3-0.6	MG				18		34						1.2		38				14		310				440		2.9		39
	BHS321	0.25-0.5	MG						12						0.3		18						140				68		0.6		36
	BHS321	2.8-3	Till				1.5		3						0.3		26				14		29				22		0.6		33
	BHS322	0.80-1.00	MG				1.5		8						0.3		20				13		27				36		0.6		27
	BHS322	1.50-1.70	MG																												
	BHS322	3.6-4.0	Till						490						8.6		23						16				130		0.6		27
	BHS323	0.5-0.7	MG				3.3		71						0.8		25				28		190				350		0.6		75

A64184 - Openshaw West

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Determinand	Aluminium		Antimony		Arsenic		Barium		Beryllium		Cadmium		Chromium		Hexavalent Chromium		Cobalt		Copper		Iron		Lead		Mercury		Nickel
				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/kg
TSV							7500		298		1300		420		84.9		1460		4.3				6200				2960		25.8		1800
ERM MAY 2007	BHS323	2.-2.8	MG						160						1.2		31						310				14000		1.2		38
	BHS323	3.8-4	Till																												
	BHS324	0.5-0.7	MG				7.8		19						0.4		18				26		120				100		0.6		43
	BHS324	2.0-3.0	MG																												
	BHS324	3.4-3.5	Till																												
	BHS325	0.6-0.8	MG						130						1.9		52						100				310		2.2		47
	BHS325	2.4-2.6	MG				110		190						2		480				63		770				490		1.7		440
	BHS325	3.8-4.0	Till																												
	BHS326	0.20-0.80	MG				1.8		15						1.3		12				6.2		46				77		0.6		20
	BHS326	3.80-4.00	Till						3						0.3		30						29				23		0.6		33
	BHS327	0.4-0.6	MG				1.5		3						0.3		7.8				7.1		22				10		0.6		22
	BHS327	2.8-3.0	Till						6						0.3		24						19				9		0.6		29
	BHS328	0.80-1.00	MG				7.4		17						1.8		55				22		1200				460		0.6		67
	BHS328	1.50-1.60	MG						3						0.8		19						15				16		0.6		16
	BHS328	3.80-4.00	Till																												
	BHS329	0.4-0.6	MG				1.5		6						2.5		7.5				1.4		8				10		0.6		8.8
	BHS329	1.00-1.20	Till						3						0.9		30						14				14		0.6		15
	BHS330	0.80-1.00	MG				1.5		26						1.7		28				17		120				160		1.6		38
	BHS330	1.00-1.10	Till						3						0.9		40						31				25		0.6		24
	BHS331	0.20-.0.40	MG				1.5		9						2.1		8.9				2.3		17				77		0.7		4.1
	BHS331B	0.50-0.60	MG						95						1.5		51						82				370		1.3		37
	BHS332	0.30-0.50	MG						38						1.1		26						25				54		0.6		30
	BHS332	1.80-2.00	MG				3		15						3.5		41				12		130				500		0.6		24
	BHS333	0.30-0.50	MG				2.4		21						0.4		14				20		61				74		0.6		34
	BHS334	0.40-0.50	MG				12		50						1.5		38				19		130				760		0.6		46
	BHS334	0.95-1.00	MG																												
	BHS334	1.80-2.00	Till																												
	BHS335	0.60-0.80	MG						55						2.6		33						140				40000		0.9		43
	BHS335	1.40-1.50	MG				3.6		16						0.3		29				16		63				2300		0.6		32
	BHS335	2.80-3.00	Till																												
	BH1201	1.0-1.2	MG				1.5		14						0.3		30				15		17				12		0.6		36
	BH1201	6.8-7.0	Till						3						0.3		14						16				8		0.6		17
	BH1202	0.5-0.6	MG						8						0.5		9.2						35				61		0.6		7.1
	BH1202	1.9-2.0	MG				1.5		4						0.3		14				6.5		33				53		0.6		14
	BH1202	3.0-3.2	Till						4						0.3		25						28				19		0.6		35
	BH1203	0.90-1.00	MG						89						5.2		18						130				740		3.1		26
	BH1203	2.10-2.25	Till				4.7		160						3.1		25				22		340				39		0.6		22
	BH1203	6.90-7.00	Till						3						0.3		29						30				19		0.6		35
	BH1204	1.0-1.5	MG						42						0.3		27						62				81		0.6		30
	BH1204	2.0-2.2	Till				1.5		3						0.3		30				15		22				7		0.6		36
	BH1204	5.5-6.0	Till						7						0.3		29						17				11		0.7		33
	BH1205	1.5-1.7	MG						21						0.4		21						430				240		0.6		23
	BH1205	2.8-3.0	Till				1.5		3						0.3		27				13		24				9		0.6		31
	BH1205	6.5-6.6	Till						3						0.3		20						14				3		0.6		21
	BH1206	0.6-1.0	MG						280						1.9		33						170				2400		1.8		48
	BH1206	3.0-3.5	Till				2.1		12						0.3		34				16		24				19		0.6		41
	BH1206	6.0-6.5	Till						7						0.3		22						10				10		0.6		26
	BH1207	1.5-2.0	MG				9.1		73						0.5		30				24		140				350		1.1		48
	BHI207	2.8-3.0	MG																												
	BH1207	3.5-3.8	Till						10						0.3		34						20				24		0.7		35
	BH1207	4.8-5.0	Till						9						0.3		32						32				23		0.7		37
	BH1208	1.5-1.7	MG				1.5		3						0.3		23				13		25				26		0.6		31
	BHI208	1.9-2.0	Till																												
	BH1208	4.0-4.2	Till						3						0.3		25						23				21		0.6		31
	BH1208	6.8-7.0	Till						3						0.3		28						24				21		0.6		32
	BH1209	0.60-1.00	MG				1.5		8						0.3		19				11		57				71		0.6		21
	BH1209	2.90-3.00	Till						3						0.3		27						28				23		0.6		33
	BH1209	3.90-4.00	Till						3						0.3		24						25				20		0.6		32
	BHI209	4.20-4.30	Till																												
	BHD103	0.90-1.00	MG						56						0.6		20						100				150		0.6		36
	BHD103	2.20-2.30	Till																												
	BHD103	5.5-5.6	Till				1.5		3						0.3		28				13		17				4		0.6		30
	BHS103	8.2-8.4	Till						3						0.3		32						20				10		0.6		338
	BHD103	10.5-1.06	Till																												
ERM 2008	BH1	0.7-0.8	MG						340						0.9		7.3						52				14000		13	<	0.9
	BH1	3.8-4.0	Till																												
	BH2	0.7-0.8	MG						10					<	0.3		15						70				47	<	0.6		40
	BH2	3.5-3.6	Till																												
	BH3	0.5-0.7	MG						58						0.7		67						220				160	<	0.6		110
	BH3	1.5-1.7	MG																												
	BH4	0.5-0.7	MG						52						1.2		27						110				1200	<	0.6		43
	BH5	0.8-1.0	MG						11						1	<	4.5						31				44	<	0.6		14
	BH6	0.4-0.5	MG						30						1.1		39						940				470	<	0.6		49
	BH6	3.5-3.7	Till					<	3					<	0.3		28						23				10	<	0.6		30
	BH7	0.2-0.3	MG						10					<	0.3		21						24				47	<	0.6		21
	BH8	0.5-0.7	MG						17						0.3		22						69				130	<	0.6		24
	M1	1.7							170						0.9		27						85				91	<	0.6		27
	TP1A	0.3-0.4	MG						120						4.1		21						190				430	<	0.6		48
	TP1A	1.4-1.5	MG						490						2.4		14						150				870		0.7		12
	TP1A	1.7-1.8	Till						7					<	0.3		35						140				18	<	0.6		34
	TP2	0.05-0.6	MG						120						1.6		71						640				1400		2.4		79
	TP2	2-2.2	MG																												
	TP2	3.8-3.9	Till						7					<	0.3		30						48				23	<	0.6		41
	TP3	0.9-1	MG						110						1.8		21						310				890	<	0.6		42
	TP3	3-3.1	MG																												
	TP3	3.9-4.0	Till					<	3					<	0.3		21						10				11	<	0.6		13
	TP4	0.9-1.0	MG						48						1		34						55				150	<	0.6		40
	TP4	3.9-4	Till						4					<	0.3		27						25				22	<	0.6		25
	TP5	0.3-0.4	MG						110						0.6		40						200				1000	<	0.6		21
	TP5	1.9-2	MG																												
	TP5	3.9-4	Till						40					<	0.3		25						10				18	<	0.6		9.3
	TP6	4.1-4.2	Till						17					<	0.3		42						56				46	<	0.6		64
	TP7	0.4-0.5	MG						48						1.4		22						80				210	<	0.6		23
	TP7	2.9-3.0	MG						2500						29		16						180				9300		63		22

A64184 - Openshaw West

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Determinand	Aluminium		Antimony		Arsenic		Barium		Beryllium		Cadmium		Chromium		Hexavalent Chromium		Cobalt		Copper		Iron		Lead		Mercury		Nickel
				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/kg
TSV							7500		298		1300		420		84.9		1460		4.3				6200				2960		25.8		1800
Ei	TP7	3.9-4.0	Till						100						1.9		94						140				450	<	0.6		79
	TP8	0.9-1.0	MG						680						3.3		17						170				1400		0.8		14
	TP8	4-4.1	Till						6					<	0.3		27						23				17	<	0.6		33
	TP9A	0.4-0.5	MG						150						1.5		30						480				900	<	0.6		37
	TP9A	1.9-2.0	MG																												
	TP9A	4-4.1	Till						26						0.3		25						120				57	<	0.6		86
	TP10	0.9-1.0	MG						1100						5.7		27						180				3500		35		40
	TP10	2.4-2.5	MG																												
	TP10	3.9-4.0	Till						7					<	0.3		33						28				22	<	0.6		47
	TP11	0.9-10	MG						1200						6.6		120						450				930		1.4		39
	TP11	3.75-3.85	Till						12					<	0.3		25						25				13	<	0.6		32
	TP12	0.9-1.0	MG						5500						63		28						180				3100		30		29
	TP12	2.4-2.5	MG						3300						35		38						120				86		2.2		2.8
	TP12	4.0-4.1	Till						110						1		29						45				25	<	0.6		34
	TP13	1.4-1.5	MG						69						1.1		23						290				45	<	0.6		19
	TP13	3.7-3.8	Till						8					<	0.3		30						50				26	<	0.6		38
	TP14A	0.5	MG						17000						210		22						2200				5300		11		48
	TP14A	0.2	MG						26					<	0.3		27						26				30	<	0.6		34
	TP15	0.9-1.0	MG						370						3.9		20						360				1700		4.7		31
	TP15	3.7-3.8	Till						6					<	0.3		27						36				21	<	0.6		34
	TP16	0.5-0.6	MG						8						0.3		18						160				100	<	0.6		21
	TP16	2.5-2.6	MG																												
	TP16	3.7-3.8	MG						220						3.1		78						310				340	<	0.6		66
	TP17	0.5-0.6	MG						9						0.3		21						76				150	<	0.6		25
	TP17	1.3-1.5	MG																												
	TP17	3.6-3.7	Till					<	3					<	0.3		35						32				14	<	0.6		26
	TP18	0.5-0.6	MG						79						1		17						53				140	<	0.6		19
	TP18	3.4-3.5	Till						24						0.4		30						110				110	<	0.6		45
	BH401	0.50	MG						308					<	0.5		73	<	1				320				838		1.09		105
	BH401	1.50	MG						556					<	0.5		68	<	1				469				1030		1.11		190
	BH401	2.00	MG						372					<	0.5		61	<	1				511				1040		1.02		182
	BH402	0.50	MG		7960	<	5		10					<	0.5		16	<	1				26		15400		947		0.82		18
	BH402	0.60	MG																												
	BH402	3.00	Till																												
	BH403	0.50	MG																												
	BH403	1.20	MG																												
	BH403	0.50	MG		4370		11		18					<	0.5		9	<	1				35		7520		96	<	0.17		20
	BH403	3.00	Till																												
	BH404	0.90	MG						140					<	0.5		30	<	1				103				235		0.17		40
	BH405A	0.40	MG						55					<	0.5		17	<	1				286				255		1.25		19
	BH405A	0.80	Till						12					<	0.5		19	<	1				49				60		0.31		18
	BH406	0.25	MG		11700	<	5		37					<	0.5		20	<	1				81		55500		114		0.58		30
	BH406	0.50	MG		11400	<	5		13					<	0.5		19	<	1				30		49000		68	<	0.17		22
	BH406	2.00	Till																												
	BH407	0.40	MG						48					<	0.5		19	<	1				269				429		0.81		25
	BH408	1.20	MG																												
	BH408	2.00	MG																												
	BH408	0.50	MG						410					<	0.5		22	<	1				163				714		7.18		38
	BH410	0.30	MG																												
	BH411	0.30	MG																												
	BH411	2.00	MG																												
	BH411	3.80	MG						23					<	0.5		10	<	1				45				140		0.28		11
	BH411	6.30	MG						37					<	0.5		37	<	1				102				172		0.19		41
	BH411	8.00	Till																												
	BH412	1.00	MG						36					<	0.5		197	<	1				135				189	<	0.17		55
	BH413	0.60	MG						6					<	0.5		10	<	1				8				10	<	0.17		10
	BH413	2.00	MG						103					<	0.5		33	<	1				91				617		1.85		35
	BH413	2.80	MG																												
	BH413	3.20	Till																												
	BH414	0.50	MG						26					<	0.5		35	<	1				77				273		0.66		25
	BH414	2.00	MG		14000		7		72					<	0.5		43	<	1				88		25800		1320		0.9		27
	BH414	1.20	MG																												
	BH414	5.00	Till																												
	BH415	1.80	MG						188						6		28	<	1				963				339		0.29		31
	BH416	0.70	MG						576						3		16	<	1				116				2980		6.07		20
	BH416	0.25	MG																												
	BH416	1.80	MG																												
	BH424	0.40	MG						7					<	0.5		19	<	1				26				30	<	0.17		25
	BH424	1.20	MG																												
	BH424	4.00	Till																												
	SP402	0.20	MG						10					<	0.5		16	<	1				55				87		0.44		12
	SP403		MG						17					<	0.5		46	<	1				63				217		0.27		33
	SP404		MG						6					<	0.5		23	<	1				24				95	<	0.17		15
	SP405		MG						4						0.5		21	<	1				24				105		0.2		14
	SP406		MG						8					<	0.5		23	<	1				31				91		0.65		15
	SP407		MG						6					<	0.5		30	<	1				22				98		0.21		12
	SP408		MG						7					<	0.5		18	<	1				35				96		0.18		10
	SP409		MG						5					<	0.5		21	<	1				21				87		0.2		11
	SP410		MG						7					<	0.5		30	<	1				31				130		0.24		15
	SP411		MG						6					<	0.5		26	<	1				24				96		0.23		14
	SP412		MG						5					<	0.5		29	<	1				58				82		0.23		26
	SP413		MG						7						0.6		39	<	1				33				152		0.19		20
	SP414		MG						5					<	0.5		23	<	1				23				112		0.27		14
	SP415		MG						6					<	0.5		22	<	1				38				99		0.19		18
	SP416		MG						4					<	0.5		18	<	1				16				44	<	0.17		10
	SP417		MG						18						2		27	<	1				87				420		0.44		22
	SP418		MG						2					<	0.5		4	<	1				7				18	<	0.17		5
	SP419		MG						15						0.8		26	<	1				42				198		0.31		19
	SP420		MG						15					<	0.5		19	<	1				32				131		0.2		12
	SP421		MG						12					<	0.5		107	<	1				76				168		0.45		83
	SP422		MG						9					<	0.5		152	<	1				63				207		0.42		125
	SP423		MG						9					<	0.5		21	<	1				34				80		0.23		16
	TP401	0.60	MG						74					<	0.5		35	<	1				1510				232		3.14		55

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Determinand	Aluminium		Antimony		Arsenic		Barium		Beryllium		Cadmium		Chromium		Hexavalent Chromium		Cobalt		Copper		Iron		Lead		Mercury		Nickel
				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/kg
	TSV						7500		298		1300		420		84.9		1460		4.3				6200				2960		25.8		1800
Structural Soils 2010	TP401	1.20	MG						13					<	0.5		18	<	1				42				45		0.85		18
	TP401	2.00	Till																												
	TP402	0.50	MG						89					<	0.5		20	<	1				127				185		2.05		38
	TP402	0.75	MG		4180		9		44					<	0.5		8	<	1				17		6000		56		1.91		6
	TP403	0.50	MG						226					<	0.5		31	<	1				148				230		0.33		27
	TP403	1.50	Till						21					<	0.5		33	<	1				175				70	<	0.17		25
	TP404	0.50	MG						30						2.3		63	<	1				227				402		1.06		26
	TP405	1.20	MG		14100		16		133						1.4		68	<	1				247		93300		458		0.53		52
	TP405A	1.40	MG						514						1.5		69	<	1				777				838		0.59		87
	TP405B	0.80	MG						87					<	0.5		37	<	1				304				978		0.46		61
	TP405C	1.20	MG						210					<	0.5		29	<	1				147				522		0.69		24
	TP406	0.50	MG						42					<	0.5		63	<	1				197				647		3.46		55
	TP407	0.80	MG						90					<	0.5		27	<	1				500				1220		2.66		37
	TP407	1.60	MG						11					<	0.5		22	<	1				18				41	<	0.17		15
	TP407	2.00	Till																												
	TP408	0.40	MG		18100	<	5		30					<	0.5		34	<	1				118		27800		87		0.22		50
	TP409	0.50	MG																												
	TP409	0.60	MG						20					<	0.5		29	<	1				80				200		0.22		24
	TP410	0.70	MG						15					<	0.5		43	<	1				19				37	<	0.17		33
	TP410	1.00	MG						7					<	0.5		60	<	1				28				21	<	0.17		41
	TP410	2.70	MG		3990		47		442					<	0.5		10	<	1				58		5200		133		14.1		4
	TP411	0.40	MG						118					<	0.5		40	<	1				441				363		1.03		40
	TP412	0.60	MG		10300		7		47						1.5		40	<	1				377		41900		305		0.55		40
	TP412	1.50	Till						6					<	0.5		26	<	1				22				40	<	0.17		18
	TP413	0.60	MG						53						3		20	<	1				99				49	<	0.17		51
	TP414	0.80	MG						51					<	0.5		30	<	1				175				315		0.47		28
	TP415	0.50	MG						27					<	0.5		28	<	1				72				130		0.19		31
	TP415	1.50	MG						22					<	0.5		55	<	1				112				86	<	0.17		47
	TP417	0.70	MG						46						1		75	<	1				220				596		0.71		30
	TP417	1.80	Till																												
	TP418	0.50	MG		12200	<	5		5					<	0.5		21	<	1				19		24700		22	<	0.17		24
	TP418	3.20	Till																												
	TP419	1.00	MG		12300		7		21						0.5		21	<	1				112		30900		358	<	0.17		28
	TP419	3.60	Till						5					<	0.5		25	<	1				24				17	<	0.17		33
	TP421	0.30	MG						48					<	0.5		26	<	1				22				147		5		14
	TP422	0.30	MG		6610		38		22					<	0.5		17	<	1				471		21500		800		3.9		26
	TP422	1.50	Till																												
	TP423	0.30	MG						16					<	0.5		19	<	1				3870				4590		0.46		32
	BH424	2.00	MG						20					<	0.5		20	<	1				78				109		0.24		42
	TP424	0.70	MG		8640	<	5		20					<	0.5		17	<	1				78		29700		210		0.56		22
	TP425	0.40	MG						14					<	0.5		17	<	1				203				282	<	0.17		28
	TP426	1.30	Till		17900	<	5		9					<	0.5		29	<	1				32		29800		41	<	0.17		25
	TP426	3.00	Till						5					<	0.5		25	<	1				24				22	<	0.17		34
	TP427	0.50	MG						13						3.3		17	<	1				89				86	<	0.17		48
	TP427	1.80	MG		4730	<	5		7					<	0.5		8	<	1				33		9520		62		0.2		10
	TP428	0.60	MG		4330	<	5		9					<	0.5		7	<	1				30		5660		118	<	0.17		7
	TP428	2.20	MG		24600	<	5		200					<	0.5		19	<	1				101		25900		114		2.31		47
	TP429	0.40	MG						67						1.5		74	<	1				182				632		1.28		44
	TP429	1.60	MG						185					<	0.5		126	<	1				171				1590		1.51		49
	TP430	2.10	MG						171						0.7		86	<	1				232				337		1.33		82
	TP430	2.50	Till						8					<	0.5		28	<	1				29				21	<	0.17		36
	TP431	0.80	MG						7					<	0.5		25	<	1				24				23	<	0.17		31
	TP431	1.90	MG		16400	<	5		61					<	0.5		62	<	1				196		87300		581		0.81		49
	TP432	0.60	MG		11800		133		68					<	0.5		37	<	1				164		33000		455		0.57		31
	TP432	3.00	MG						8					<	0.5		36	<	1				31				43	<	0.17		39
	TP433	0.40	MG						30					<	0.5		18	<	1				118				359		0.17		27
	TP433	1.00	MG		9880		8		44					<	0.5		26	<	1				153		46200		629		1.03		29
	TP434	0.70	MG		8820		5		47					<	0.5		110	<	1				55		29800		167		0.29		17
	TP435	0.60	MG						10						0.5		38	<	1				27				55	<	0.17		22
	TP436	0.50	Till						8					<	0.5		28	<	1				28				26	<	0.17		39
	TP437	0.60	MG						87					<	0.5		38	<	1				166				2100		0.98		47
	TP437	1.50	MG		17700		11		170						1.7		33	<	1				216		71500		531		0.57		49
	TP438	0.40	MG						2640					<	0.5		16	<	1				142				442		1.78		19
	TP438	1.30	MG		3690	<	5		92					<	0.5		8	<	1				345		8010		206		0.51		12
	TP438	2.00	Till						288					<	0.5		23	<	1				462				36	<	0.17		12
	TP440	0.50	MG						3					<	0.5		3	<	1				8				6	<	0.17		4
	TP441	0.50	MG						189					<	0.5		30	<	1				131				117	<	0.17		20
	TP441	0.90	MG		9440	<	5		115					<	0.5		28	<	1				322		44900		200	<	0.17		21
	TP442	0.60	MG																												
	TP442	1.40	MG						840						0.6		27	<	1				520				4070		7.25		32
	TP442	2.00	Till						22					<	0.5		24	<	1				35				91	<	0.17		34
	TP443	0.50	MG		10700		8		32					<	0.5		19	<	1				104		28400		204		0.32		30
	TP444	0.50	MG						19						1.3		16	<	1				94				142	<	0.17		53
	TP444	3.00	MG		14600		66		1520						6.5		33	<	1				3070		90800		2870		18.6		38
	TP445	1.50	MG		20500		33		1670						0.9		27	<	1				632		77000		908		4.24		36
	TP445	3.40	MG						1090						1.5		18	<	1				473				761		5.82		63
	TP446	0.40	MG						7						0.6		12	<	1				29				222		4.45		8
	TP446	0.90	MG						6						0.9		12	<	1				33				165		1.86		8
	TP447	0.90	MG						26					<	0.5		23	<	1				58				747	<	0.17		36
	TP447	2.20	Till		10900	<	5		6					<	0.5		22	<	1				24		31500		31	<	0.17		33

A64184 - Openshaw West

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Determinand	Aluminium		Antimony	Arsenic	Barium	Beryllium	Cadmium		Chromium		Hexavalent Chromium		Cobalt	Copper	Iron	Lead		Mercury	Nickel
				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/kg
TSV							7500	298	1300	420	84.9		1460		4.3			6200		2960		25.8	1800
	TP448	0.80	MG																				
	TP448A	2.20	Till		12200	<	5	10			<	0.5	24	<	1			35	33400	30	<	0.17	34
	TP449	0.50	MG					6			<	0.5	29	<	1			26		14	<	0.17	38
	TP449	0.60	MG					8			<	0.5	17	<	1			24		45	<	0.17	17
	TP449	1.10	Till		15000	<	5	5			<	0.5	28	<	1			26	38200	13	<	0.17	43
	TP449A	1.50	MG		10100		9	169			<	0.5	22	<	1			243	42200	172		1.22	36
	TP449B	1.00	Till		6460	<	5	10			<	0.5	12	<	1			23	17500	37	<	0.17	13
	TP450	0.90	MG					39				1.1	17	<	1			59		461		1.08	18
	TP451	1.30	MG		9510		19	1130			<	0.5	29	<	1			149	98700	2560		27.2	10
	TP452	1.20	MG		6810		50	381				2	1260	<	1			332	30500	4440		5.15	24
	TP453	0.60	MG					56			<	0.5	44	<	1			88		190		1.33	39
	TP453	0.80	Till					9			<	0.5	53	<	1			27		18	<	0.17	50
	TP454	1.00	MG					50				1	23	<	1			97		59	<	0.17	41
	TP455	0.40	MG		1930	<	5	16			<	0.5	7	<	1			23	2410	24		0.24	4
	TP455	1.20	MG					25			<	0.5	17	<	1			85		90		1.13	23
	TP456	0.50	MG					31				1.5	20	<	1			74		140		0.62	30
	TP456	2.10	MG					22			<	0.5	21	<	1			46		39		0.21	37
	TP456	2.90	MG					4			<	0.5	18	<	1			7		13	<	0.17	15
	TP457	0.70	MG					26			<	0.5	15	<	1			79		47	<	0.17	29
	TP457	1.50	MG					21			<	0.5	19	<	1			40		30	<	0.17	44
	TP458	0.40	MG		8920		18	91			<	0.5	48	<	1			206	87800	510		1.42	67
	TP458	0.80	MG		7440		228	804			<	0.5	35	<	1			78	141000	464		1.72	13
	TP458	2.00	Till					18			<	0.5	32	<	1			27		20	<	0.17	35
	TP459	0.40	MG		6570		230	599			<	0.5	48	<	1			210	58200	4600		19.6	36
	TP460	0.50	MG					28			<	0.5	100	<	1			896		528		0.36	2210
	TP461	1.00	MG																				
	TP462	0.70	MG																				
	TP463	1.20	MG		7910		30	137			<	0.5	20	<	1			95	31300	487		12.3	21
	TP463	2.30	MG					9			<	0.5	33	<	1			26		25		0.26	38
	TP464	0.50	MG		3780	<	5	10			<	0.5	7	<	1			48	12000	62		0.26	8
	TP464	2.00	MG		3050	<	5	5			<	0.5	7	<	1			28	6250	64	<	0.17	4
	TP464	2.50	MG																				
	TP465	1.30	MG					225			<	0.5	30	<	1			198		779		1.29	26
	TP466	0.90	MG		18600		9	71			<	0.5	39	<	1			360	35900	752		22.3	43
	TP466	1.30	MG					10			<	0.5	22	<	1			22		55		1.02	16
	TP466	2.00	Till					5			<	0.5	28	<	1			27		18	<	0.17	39
	TP467	0.50	MG					2350				0.8	40	<	1			655		867		5.55	53
	TP468	1.20	MG		17600		9	68			<	0.5	94	<	1			160	28100	6430		1.17	23
	TP469	0.50	MG		27200	<	5	17			<	0.5	70	<	1			231	50000	154		1.2	48
	TP469	1.20	MG					17			<	0.5	66	<	1			121		80		2.37	25
	TP469	0.80	MG					9			<	0.5	30	<	1			29		100		0.23	12
	TP470	1.40	Till																				
	TP470	3.30	Till																				
	TP471	0.60	MG																				
	TP472	1.00	MG					197				6.3	23	<	1			948		5810		2.12	25
	TP473	2.00	MG																				
	TP474A	1.00	MG					18			<	0.5	29	<	1			67		515		0.53	24
	TP475	0.80	MG																				
	TP477	2.00	MG					1770			<	0.5	55	<	1			309		5040		3.82	33
	TP480	0.70	MG					157			<	0.5	27	<	1			194		788		1.17	43
	TP483	0.80	MG					90				3.7	48	<	1			988		465		0.83	100
	TP483	2.00	MG		19100		8	35				1.9	37	<	1			178	42200	280		0.31	32
	TP485	1.40	MG					345				3	84	<	1			213		197		0.29	62
	TP485	2.20	MG					730			<	0.5	36	<	1			215		168		0.22	60
	TP486	0.80	MG		2640		14	1420			<	0.5	18	<	1			112	20100	81		0.59	21
	TP486	1.40	MG		12700		36	237			<	0.5	192	<	1			1700	393000	870	<	0.17	156
	TP488	2.20	MG																				
	TT401	0.80	MG					694			<	0.5	113	<	1			302		2020		2	88
	TT402	1.00	MG		14700		237	2350				0.8	140	<	1			1980	210000	1410		4.7	131
	TT402	2.00	MG					702			<	0.5	31	<	1			90		146		0.41	23
	TT403	0.80	MG					555				1.5	44	<	1			227		1570		3.17	48
	TT403	2.00	MG		12800		1360	1300				3.6	32	<	1			176	38000	1580		4.94	43
	TT403	3.60	Till					89				0.6	96	<	1			76		143	<	0.17	72
	TT404	0.10	MG					11			<	0.5	21	<	1			27		60	<	0.17	15
	TT404	0.60	MG		546	<	5	12			<	0.5	5	<	1			45	2080	16		0.45	3
	TT404	1.20	MG		1410		10400	18000				0.8	6	<	1			132	10300	25600		2160	9
	TT405	0.60	MG		8120		103	540			<	0.5	19	<	1			233	53100	4270		19.8	25
	TT405	0.80	MG		6500		460	661			<	0.5	12	<	1			108	12400	4310		24.3	9
	TT406	0.40	MG		7100		64	655			<	0.5	111	<	1			4750	237000	7820		23.9	74
	TT406	1.20	MG					392				1.3	45	<	1			1330		558		1.33	78
	TT406	1.00	MG					105				6.9	48	<	1			1070		80		0.21	42
	WS401	0.80	MG					161			<	0.5	20	<	1			216		397		1.36	35
	WS401	1.70	MG		11700		15												40600				
	WS401	2.70	MG					2280			<	0.5	7	<	1			126		26500		34.3	10
	WS403	0.40	MG		5360		180	137			<	0.5	9	<	1			49	17700	585		1.72	13
	WS403	2.00	MG					1580				4.2	30	<	1			1760		360		4.09	56
	WS404	0.25	MG					13			<	0.5	27	<	1			60		113		0.31	27
	WS405	1.00	MG		110000		82	853			<	0.5	36	<	1			217	37400	1330		0.99	57
	WS409	0.75	MG					52			<	0.5	17	<	1			67		332		0.2	16
	BH411	0.90	MG		5600		39	64			<	0.5	12	<	1			63	14300	178		0.45	13

Minimum		546		1.5		2	47	1		0.3		0.5		0.3	1.4		6	2080		3		0.17	0.5
Maximum		110000		10400		37000	1151	4		870		1260		1	63		4750	393000		40000		2600	2210
Average		11986.4		149.6		424.7	387.7	2.7		4.3		36.6		1.0	15.3		229.5	49070.3		993.1		21.0	39.8
Number of Samples		59		103		433	23	13		410		423		245	44		430	59		433		411	432
No. > TSV		0.00		1.00		74.00	0.00	0.00		2.00		0.00		0.00	0.00		0.00	0.00		31.00		15.00	1.00
% > TSV		0.00		0.97		17.09	0.00	0.00		0.49		0.00		0.00	0.00		0.00	0.00		7.16		3.65	0.23

Indicates samples exceeding TSV

TSV Source

- EA TSV
- EIC/AGS/CLAIRE
- LQM/CIEH
- WYG Screening Value
- Atrisk Values

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Selenium	Sodium	Thallium	Tin	Vanadium	W/S Boron	Zinc	pH	Total Cyanide	Thiocyanate	Free Cyanide	Cyanide (complex)	Ammoniacal nitrogen	Total Sulphate	Soluble Sulphate	Acid Soluble Sulphate
				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	g/l	mg/kg
TSV				8910				3160	10300	581000	5 to 9	34		34	34				
Aspinwalls 1995	A1	1.00	MG							364	7.63						56330	1.56	
	A2	0.60	MG							682	7.46						38160	1.48	
	A3	1.00	MG							398	7.31						21070	1.41	
	A4	1.00	MG							169	7.05						1880	0.45	
	CC1	0.2-0.3	MG							158	6						3742	0.11	
	CC1	0.8	MG							205	7.08						133200	1.51	
	CC2	0.4	MG							159	7.8						2199	0.15	
	CC2	0.5-0.8	MG							85	7.16						66510	1.44	
	CC3	0.4	MG							689	6.92						26130	1.57	
	CC3	0.65	MG							494	7.17						18940	1.1	
	CC3	2.3	Till							134	8.36						4782	0.38	
	CC4	0.2-0.55	MG																
	CC4	1.5	MG							485	7.34						7937	0.4	
	CC4	2.3-2.8	Till							320	7.15						4558	1.115	
	CC5	0.6	MG							123	8.32						2753	0.92	
	CC6	1.0	MG							1102	6.14						38410	1.49	
	CC7	0.0-0.1	MG							381	6.54						2115	0.11	
	CC7	0.4	MG							920	7.1						22170	1.5	
	CC7	2.3	Till							670	7.24						4684	0.55	
	CC8	0.6	MG							18	7.65						803	0.07	
	CC8	2.1	MG							154	7.01						5171	0.26	
	CC8	2.6-2.8	Till							482	7.04						16030	1.48	
	CC9	0.5	MG							69	7.33						19450	1.21	
	CC9	2.7	Till							14	6.73						27210	0.34	
	CC10	1.75	MG							518	7.4						38470	0.45	
	CC11	0.2	MG																
	CC11	0.4	MG							562	7.19						71680	1.44	
	CC11	0.9	MG							357	6.54						74790	1.53	
	CC12	0.45-0.7	MG							1965	7.25						218200	1.57	
	CC12	1.0-1.6	MG							204	6.15						50470	1.55	
	CC13	0.8	MG							120	6.66						100300	1.46	
	CC13	1.8	MG							25	6.72						135700	1.56	
	CC14	0.7	MG							489	6.92						99170	1.48	
	CC14	2.1	MG							444	6.52						144800	1.55	
	CC15	1.0-1.6	Till							511	7.05						11800	0.81	
	CC15	3.0	Till							283	6.47						12520	1.48	
	CC17	0.9	MG							309	7.26						3626	0.42	
	CC17	1.9	MG							195	6.6						171600	1.46	
	CC18	1.1	MG							383	6.66						25090	1.44	
	CC18	1.9	MG							3106	6.9						60610	1.55	
	CC19	0.5	MG							468	7.36						3484	0.08	
	CC20	1.1	MG							87	7.62						1765	0.11	
	CC20	1.4	Till							164	7.55						1800	0.13	
	CC21	0.2-0.8	MG							410	7.24						6985	0.86	
	CC21	2.1	MG							125	6.66						3426	0.35	
	CC22	1.6	MG							134	7.54						1385	0.11	
	CC22	2.1	MG							266	9.15						3331	0.1	
	CC23	1.1	MG							399	7.22						6197	0.73	
	CC23	2.4	MG							537	7.35						26960	1.48	
	CC23	3.4	MG							1058	6.87						10480	1.33	
	CC24	0.7	MG							105	7.68						719	0.09	
	CC24	1.8	MG																
	CC25	1.0	MG							339	8.84						6016	0.47	
	CC25	2.9	MG							279	7.77						6637	0.44	
	CC26	1.2	MG							117	7.94						911	0.09	
	CC26	2.3	MG							1551	7.5						3350	0.49	
	CC27	1.3	MG							156	7.41						934	0.11	
	CC27	1.8	Till							247	7.1						5037	0.61	
	CC28	0.8	MG							127	6.78						1345	0.11	
	CC28	2.9	MG							414	7.38						2330	0.25	
URS 2006	BH101	1.2-1.3	MG			720			48			1	94	8.72					3330			
	BH102	1	MG			594							56	7.89					1047			
	BH102	1.3	MG						2					7.82								
	BH103	0.95	MG			618							30	7.93					17140			
	BH103	1.9	MG						1200													
	BH104	1.8	MG		43	1835						2	6	5.48		73			15330			
	BH104	2.8	MG						82													
	BH105	0.6-0.7	MG			2074						1	53	7.65					207900			
	BH106	0.8	MG			856			10			2	92	7.31					46420			
	BH107	1.0-1.3	MG			1701						2	32	5.52		1			29730			
	BH107	1.3	MG						4													
	BH107	2.0	MG																			
	BH108	0.65	MG			918					49	1	218	7.98		1			2102			
	BH108	0.7	MG						1													
	BH109	0.5	MG			469			1		34		208	8.14					968			
	BH109	1.7	MG																			
	BH110	0.85	MG			819			1		99		404	7.13					2691			
	BH110	1.3	MG						3													
	BH111	0.4	MG			987					52		258	8.13					3358			
	BH111	0.9	MG						8													
	BH111	1.6	Till																			
	BH112	0.7	MG			1915					99		134	8.48					2848			
	BH112	1.9	MG						1													
	BH113	0.5-0.6	MG			1128			4		43	1	178	10.3					5831			
	BH113	2.25	MG																			
	BH114	0.8	MG			2559			12		79		51	8.22					2157			
	BH114	3.2	MG																			
	BH115	0.9	MG			1264			5		43		113	8.07					1166			
	BH115	2.3	MG																			
	BH116	0.5	MG			1618			4		34	2	5184	9.25		1			7136			
	BH116	0.8	MG																			
	BH117	0.7	MG			1566					111	2	40	8.12					1276			
	BH117	2.6	MG						2													
	BH118	0.8	MG			735			170		121	1	264	7.74					73110			

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Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Selenium	Sodium	Thallium	Tin	Vanadium	W/S Boron	Zinc	pH	Total Cyanide	Thiocyanate	Free Cyanide	Cyanide (complex)	Ammoniacal nitrogen	Total Sulphate	Soluble Sulphate	Acid Soluble Sulphate
				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	g/l	mg/kg
TSV				8910				3160	10300	581000	5 to 9	34		34	34				
	BH118	1.2	MG																
	BH119	1.3	MG		1125		34		3	160	5.53	6					15380		
	BH119	1.45	MG																
	BH120	0.85	Till		2602		1	44	3	139	5.41						23090		
	TP201	2	MG				3	9	1	55									
	TP202	2	MG	15				51		479									
	TP203	1.00	MG				9												
	TP203	2.0	MG		5711				1	1679	7.43	3					38930		
	TP204	1.0	MG		1219		1			189	8.07						1408		
	TP204	2.00	MG																
	TP205	1.0	MG		1759		100			272	8						4076		
	TP205	2.5	MG				2												
	TP206	2.0	MG																
	TP207	1.0	MG		630		1		1	73	7.19						1569		
	TP207	3.0	MG																
	TP208	1.7	MG		1810		160	16	2	533	7.61						10940		
	TP209	2.0	Till		1481				6	428	6.82	7					3889		
	TP211	1.0	MG		2757		1		3	67	6.7						771		
	TP212	2.0	MG		1422			89	6	323	7.34						10910		
	TP214	1.0	MG		1875		17	72	3	416	7.4						1669		
Capita Symonds 2006	TP01	1.40	Till	< 5						47	8.1	< 10						< 0.1	
	TP02	0.80	MG	< 5						358	7.4	< 10						0.3	
	TP03	1.45	Till																
	TP04	1.30	MG	8						585	8	< 10						0.7	
	TP04	1.80	MG	< 5						928	7.4	< 10						2	
	TP05	3.40	MG	< 5						359	6.8	< 10							
	TP05	4.00	Till																
	TP06	2.70	MG	< 5						115	7	< 10							
	TP07	1.70	Till	< 5						41	7.4	< 10							
	TP08	1.60	MG	< 5						106	6.8	< 10							
	TP09	2.60	MG																
	TP09	2.95	Till	< 5							4.4	< 10							
	TP10	0.75	MG	8							5.7	< 10							
	WS02	2.00	Till	23							6.8	< 10							
	WS03	1.30	MG																
	WS03	2.15	Till	< 5						510	7.3	< 10							
	WS04	1.45	MG																
	WS04	1.95	Till																
	WS05	1.65	Till	< 5						54	8.1	< 10							
	WS06B	1.50	MG																
	WS06B	1.90	MG																
	WS06B	2.50	Till																
	WS08	1.80	Till	< 5						104	8.1	< 10							
	WS10C	2.10	MG	< 5						210	7.4	< 10							
	WS11	0.80	Till	< 5						225	6.1	< 10							
	WS12	1.10	Till	< 5						307	5.6	< 10							
	WS09	0.85	MG	< 3					2		6.08	< 1	< 1	< 1			38840		< 50
	BHS301	0.6-0.7	MG	3		1		50		5100	8.05								
	BHS301	3.4-3.6	Till	3			49			170									
	BHS302	1.5-2.0	MG	3		1		9.6		73	7.87								
	BHS302	2.8-3.0	MG	5.3		3				81									
	BHS303	0.7-1.0	MG	3		1	5	75		1400	6.98								
	BHS303	1.8-2.0	Till	3			1			110									
	BHS304	0.9-1.3	MG	32		1	11	290		96									
	BHS304	3.8-4.0	Till	3						68									
	BHS305	0.75-0.9	MG	3		1	7	13		20	4.59								
	BHS305	1.0-1.4	MG	3			1			12									
	BHS305	2.8-3.0	Till																
	BHS307	0.5-0.9	MG	3		2		7.9		28									
	BHS307	2.7-3.0	Till	9						5500	7.76								
	BHS307	3.8-4.0	Till																
	BHS308	1.0-1.5	MG	10			3			26									
	BHS308	2.8-3.0	Till	3		1		27		55	8.27								
	BHS309	0.6-1.0	MG	3		1		5.5		240	7.98								
	BHS309	1.6-1.9	MG	3			2			92									
	BHS309	2.8-3.0	Till																
	BHS310	0.2-0.8	MG	3		1		26		38	7.65								
	BHS311	0.25-0.5	MG	3		1		28		58									
	BHS311	3.6-4.0	Till	3			1			30	9.46								
	BHS312	0.5-0.7	MG	3		1		67		100	7.89								
	BHS312	2.8-3.0	MG	3						31									
	BHS313	0.8-1.0	MG	3			1			430	7.65								
	BHS313	2.55-2.6	Till	3		2		31		82									
	BHS314	0.2-.0.4	MG	3		1		26		97	10.75								
	BHS314	2.5-3.0	MG	3			1			72									
	BHS315	0.3-0.5	MG	3		1		66		310	8.24								
	BHS315	2.2-2.4	Till	3			1			47									
	BHS316	0.80-1.00	MG	3		1		56		170									
	BHS316	1.3-1.4	MG	3						130	4.42								
	BHS317	0.3-0.6	MG	3		1	1	110		180	8.16								
	BHS317	2.4-2.6	MG																
	BHS317	3.1-3.15	MG	3						110									
	BHS318	0.2-0.9	MG	3						84	8.22								
	BHS318	2-2.4	MG	3		1	28	29		180									
	BHS319	0.6-0.8	MG	58		76		45		1100									
	BHS319	0.8-1.0	MG																
	BHS319	2.8-3.0	Till	3						180									
	BHS320	0.3-0.6	MG	3		1		56		340	7.71								
	BHS321	0.25-0.5	MG	3			1			30									
	BHS321	2.8-3	Till	3		1		28		65	8.57								
	BHS322	0.80-1.00	MG	3		1		26		130									
	BHS322	1.50-1.70	MG																
	BHS322	3.6-4.0	Till	3						81									
	BHS323	0.5-0.7	MG	3		1		120		290									

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Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Selenium	Sodium	Thallium	Tin	Vanadium	W/S Boron	Zinc	pH	Total Cyanide	Thiocyanate	Free Cyanide	Cyanide (complex)	Ammoniacal nitrogen	Total Sulphate	Soluble Sulphate	Acid Soluble Sulphate
				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	g/l	mg/kg
TSV				8910				3160	10300	581000	5 to 9	34		34	34				
ERM MAY 2007	BHS323	2.-2.8	MG	3						330	7.4								
	BHS323	3.8-4	Till																
	BHS324	0.5-0.7	MG	3		1		110		140									
	BHS324	2.0-3.0	MG																
	BHS324	3.4-3.5	Till																
	BHS325	0.6-0.8	MG	3						750	8.41								
	BHS325	2.4-2.6	MG	3		1		360		3400									
	BHS325	3.8-4.0	Till																
	BHS326	0.20-0.80	MG	3		1		25		130	8.36								
	BHS326	3.80-4.00	Till	3						70									
	BHS327	0.4-0.6	MG	3		1		16		39									
	BHS327	2.8-3.0	Till	3						67	8.34								
	BHS328	0.80-1.00	MG	3		1		89		1200	8.31								
	BHS328	1.50-1.60	MG	3						44									
	BHS328	3.80-4.00	Till																
	BHS329	0.4-0.6	MG	3		1		11		180	8.97								
	BHS329	1.00-1.20	Till	3						41									
	BHS330	0.80-1.00	MG	3		1		72		220	8.12								
	BHS330	1.00-1.10	Till	3						63									
	BHS331	0.20-.0.40	MG	3		1		14		29	7.91								
	BHS331B	0.50-0.60	MG	3						130									
	BHS332	0.30-0.50	MG	3						76	8.48								
	BHS332	1.80-2.00	MG	3		1		36		660									
	BHS333	0.30-0.50	MG	3		1		67		28	9.4								
	BHS334	0.40-0.50	MG	3		1		60		400	7.4								
	BHS334	0.95-1.00	MG																
	BHS334	1.80-2.00	Till																
	BHS335	0.60-0.80	MG	3						230									
	BHS335	1.40-1.50	MG	3		1		51		82	7.74								
	BHS335	2.80-3.00	Till																
	BH1201	1.0-1.2	MG	3		1		31		61									
	BH1201	6.8-7.0	Till	3						40	8.31								
	BH1202	0.5-0.6	MG	3						13									
	BH1202	1.9-2.0	MG	3		1		23		28	9.25								
	BH1202	3.0-3.2	Till	3						71									
	BH1203	0.90-1.00	MG	3						1300									
	BH1203	2.10-2.25	Till	3		1		29		660	7.53								
	BH1203	6.90-7.00	Till	3						87									
	BH1204	1.0-1.5	MG	3						71									
	BH1204	2.0-2.2	Till	3		1		31		69	8.38								
	BH1204	5.5-6.0	Till	3						67									
	BH1205	1.5-1.7	MG	3						220									
	BH1205	2.8-3.0	Till	3		1		27		65	8.3								
	BH1205	6.5-6.6	Till	3						42									
	BH1206	0.6-1.0	MG	3						140									
	BH1206	3.0-3.5	Till	3		1		30		87									
	BH1206	6.0-6.5	Till	3						54									
	BH1207	1.5-2.0	MG	3		1		100		160									
	BHI207	2.8-3.0	MG																
	BH1207	3.5-3.8	Till	3						78	8.42								
	BH1207	4.8-5.0	Till	3						77									
	BH1208	1.5-1.7	MG	3		1		25		79	7.89								
	BHI208	1.9-2.0	Till																
	BH1208	4.0-4.2	Till	3						65									
	BH1208	6.8-7.0	Till	3						70									
	BH1209	0.60-1.00	MG	3		1		27		65									
	BH1209	2.90-3.00	Till	3						80									
	BH1209	3.90-4.00	Till	3						71	8.2								
	BHI209	4.20-4.30	Till																
	BHD103	0.90-1.00	MG	3						87									
	BHD103	2.20-2.30	Till																
	BHD103	5.5-5.6	Till	3		1		26		69	8.13								
	BHS103	8.2-8.4	Till	3						84									
	BHD103	10.5-1.06	Till																
ERM 2008	BH1	0.7-0.8	MG	< 3				19		24									
	BH1	3.8-4.0	Till																
	BH2	0.7-0.8	MG	< 3				29		74									
	BH2	3.5-3.6	Till																
	BH3	0.5-0.7	MG	< 3				180		150									
	BH3	1.5-1.7	MG																
	BH4	0.5-0.7	MG	< 3				67		1400									
	BH5	0.8-1.0	MG	< 3				23		87									
	BH6	0.4-0.5	MG	< 3				50		550		< 1							
	BH6	3.5-3.7	Till	< 3				35		66		< 1		< 1					
	BH7	0.2-0.3	MG	< 3				24		60									
	BH8	0.5-0.7	MG	< 3				38		180									
	M1	1.7		< 3				50		140		1		< 1					
	TP1A	0.3-0.4	MG	< 3				42		1600									
	TP1A	1.4-1.5	MG	< 3				18		88		37		< 1					
	TP1A	1.7-1.8	Till	< 3				40		120									
	TP2	0.05-0.6	MG	< 3				48		930									
	TP2	2-2.2	MG																
	TP2	3.8-3.9	Till	< 3				34		82									
	TP3	0.9-1	MG	< 3				53		540									
	TP3	3-3.1	MG																
	TP3	3.9-4.0	Till	< 3				28		31									
	TP4	0.9-1.0	MG	< 3				77		620									
	TP4	3.9-4	Till	< 3				29		58									
	TP5	0.3-0.4	MG	< 3				61		170									
	TP5	1.9-2	MG																
	TP5	3.9-4	Till	< 3				36		32									
	TP6	4.1-4.2	Till	< 3				34		110									
	TP7	0.4-0.5	MG	< 3				36		270									
	TP7	2.9-3.0	MG	220				32		350		< 1		< 1					

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata		Selenium		Sodium		Thallium		Tin		Vanadium		W/S Boron		Zinc		pH		Total Cyanide		Thiocyanate		Free Cyanide		Cyanide (complex)		Ammoniacal nitrogen		Total Sulphate		Soluble Sulphate		Acid Soluble Sulphate
					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		g/l		mg/kg
TSV					8910								3160		10300		581000		5 to 9		34				34		34								
Ex	TP7	3.9-4.0	Till	<	3								72				590																		
	TP8	0.9-1.0	MG	<	3								66				84																		
	TP8	4-4.1	Till	<	3								29				54																		
	TP9A	0.4-0.5	MG	<	3								71				310																		
	TP9A	1.9-2.0	MG																																
	TP9A	4-4.1	Till	<	3								48				1100																		
	TP10	0.9-1.0	MG		52								53				220																		
	TP10	2.4-2.5	MG																																
	TP10	3.9-4.0	Till	<	3								35				70																		
	TP11	0.9-10	MG	<	3								180				430																		
	TP11	3.75-3.85	Till	<	3								26				69																		
	TP12	0.9-1.0	MG		42								47				340																		
	TP12	2.4-2.5	MG	<	3								33				20																		
	TP12	4.0-4.1	Till	<	3								30				120																		
	TP13	1.4-1.5	MG	<	3								33				160																		
	TP13	3.7-3.8	Till	<	3								31				93																		
	TP14A	0.5	MG	<	3								47				970																		
	TP14A	0.2	MG	<	3								28				67																		
	TP15	0.9-1.0	MG	<	3								38				250																		
	TP15	3.7-3.8	Till	<	3								30				150																		
	TP16	0.5-0.6	MG	<	3								27				170																		
	TP16	2.5-2.6	MG																																
	TP16	3.7-3.8	MG	<	3								53				470																		
	TP17	0.5-0.6	MG	<	3								28				160																		
	TP17	1.3-1.5	MG																																
	TP17	3.6-3.7	Till	<	3								37				61																		
	TP18	0.5-0.6	MG	<	3								22				92																		
	TP18	3.4-3.5	Till	<	3								32				180																		
	BH401	0.50	MG		3								213	<	1		345		10.2		300				10		290								
	BH401	1.50	MG		3								209		1.2		319		7.4		310				13		300								
	BH401	2.00	MG		3								186		1.1		340		7.5		220				8		210								
	BH402	0.50	MG	<	1								19	<	1		50		11	<	1			<	1	<	1	<	1						
	BH402	0.60	MG																7.1																
	BH402	3.00	Till																8.6																
	BH403	0.50	MG																7.9																
	BH403	1.20	MG																8.3																
	BH403	0.50	MG		2								21		1.3		57		7.2	<	1			<	1	<	1	<	1						
	BH403	3.00	Till																																
	BH404	0.90	MG	<	1								46		1.3		139		7.5	<	1			<	1	<	1								
	BH405A	0.40	MG		1								28		1		159		11.5		3			<	1		3								
	BH405A	0.80	Till		1								27		2.1		60		8.3	<	1			<	1	<	1		11						
	BH406	0.25	MG	<	1								37		1.7		59		9.1		7			<	1		7								
	BH406	0.50	MG		2								27		1.5		52		8.1		1			<	1		1								
	BH406	2.00	Till																																
	BH407	0.40	MG		2								43		1.7		285		7.9		3			<	1		2								
	BH408	1.20	MG																7.8																
	BH408	2.00	MG																7																
	BH408	0.50	MG		6								53	<	1		211		7.7		690				26		670								
	BH410	0.30	MG																8.7																
	BH411	0.30	MG																7.7																
	BH411	2.00	MG																7.7																
	BH411	3.80	MG	<	1								9	<	1		49		7.8	<	1			<	1	<	1								
	BH411	6.30	MG		1								68	<	1		79		7.9	<	1			<	1	<	1	<	1						
	BH411	8.00	Till																																
	BH412	1.00	MG		8								710		2.4		819		7.3		22			<	1		20								
	BH413	0.60	MG	<	1								11	<	1		23		11.7	<	1			<	1	<	1		0.13						
	BH413	2.00	MG		3								50	<	1		187		9	<	1			<	1	<	1		0.34						
	BH413	2.80	MG																9.1																
	BH413	3.20	Till																9.4																
	BH414	0.50	MG	<	1								32	<	1		373		8.2	<	1			<	1	<	1								
	BH414	2.00	MG	<	1								38	<	1		330		8.3	<	1			<	1	<	1								
	BH414	1.20	MG																8.9																
	BH414	5.00	Till																8.6																
	BH415	1.80	MG		2								50		1.8		685		7.4	<	1			<	1	<	1								
	BH416	0.70	MG		5								38		2		4010		8.6		2			<	1		2								
	BH416	0.25	MG																10.6																
	BH416	1.80	MG																7.7																
	BH424	0.40	MG	<	1								21	<	1		61		7.7	<	1			<	1	<	1								
	BH424	1.20	MG																8.5																
	BH424	4.00	Till																8.5																
	SP402	0.20	MG	<	1								19		2.5		192		9.3	<	1			<	1	<	1								
	SP403		MG	<	1								36		3		602		9.2	<	1			<	1	<	1								
	SP404		MG	<	1								19		2.3		253		10	<	1			<	1	<	1								
	SP405		MG	<	1								19		2.1		387		10.3	<	1			<	1	<	1								
	SP406		MG	<	1								26		1.8		199		8.9	<	1			<	1	<	1								
	SP407		MG	<	1								19		2.6		264		9.8	<	1			<	1	<	1								
	SP408		MG	<	1								14		1.9		205		9.9	<	1			<	1	<	1								
	SP409		MG	<	1								15		1.6		187		10	<	1			<	1	<	1								
	SP410		MG	<	1								24		1.6		336		10	<	1			<	1	<	1								
	SP411		MG	<	1								22		1.7		242		11.1	<	1			<	1	<	1								
	SP412		MG	<	1								15	<	1		492		10.2	<	1			<	1	<	1								
	SP413		MG	<	1								21		2		614		9.2	<	1			<	1	<	1								
	SP414		MG	<	1								18		2		509		10.4	<	1			<	1	<	1								
	SP415		MG	<	1								19		2.6		393		10.3	<	1			<	1	<	1								
	SP416		MG	<	1								14		1.2		286		9.9	<	1			<	1	<	1								
	SP417		MG	<	1								24		1.6		354		9		1			<	1		1								
	SP418		MG	<	1								4	<	1		28		8.6	<	1			<	1	<	1								
	SP419		MG	<	1								39	<	1		156		11.1		2			<	1		1								
	SP420		MG	<	1								22	<	1		102		10.3	<	1			<	1	<	1								
	SP421		MG	<	1								31		1.1		102		11.7	<	1			<	1	<	1								
	SP422		MG	<	1								26	<	1		99		10.7	<	1			<	1	<	1								
	SP423		MG	<	1								21		2.2		163		8.6	<	1			<	1	<	1								
	TP401	0.60	MG		4								66		2.7		657		7.8	<	1			<	1	<	1		7						

A64184 - Openshaw West

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata		Selenium		Sodium		Thallium		Tin		Vanadium		W/S Boron		Zinc		pH		Total Cyanide		Thiocyanate			Free Cyanide		Cyanide (complex)		Ammoniacal nitrogen		Total Sulphate		Soluble Sulphate		Acid Soluble Sulphate
					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		g/l		mg/kg
TSV					8910								3160		10300		581000		5 to 9		34					34		34								
Structural Soils 2010	TP401	1.20	MG		1								25		3.9		50		7.5	<	1				<	1	<	1								
	TP401	2.00	Till																																	
	TP402	0.50	MG		3								53		2.1		175		7.9	<	1				<	1	<	1								
	TP402	0.75	MG		1								11	<	1		33		12.2	<	1				<	1	<	1		3						
	TP403	0.50	MG	<	1								62		1.2		186		8.1		200				<	1		200								
	TP403	1.50	Till		1								40		4.2		108		7.8		3				<	1		3								
	TP404	0.50	MG		2								112		2.4		463		8.1		10				<	1		10								
	TP405	1.20	MG		3								184		1.4		227		7.5		540					4		540		18						
	TP405A	1.40	MG		6								169		1.5		664		7.3	<	1				<	1	<	1								
	TP405B	0.80	MG		2								83		1.3		170		7.7		8				<	1		8								
	TP405C	1.20	MG	<	1								46	<	1		120		7.5		41				<	1		41								
	TP406	0.50	MG		5								83		1.5		225		7.7		2				<	1		1								
	TP407	0.80	MG		2								71	<	1		538		9.7		68				<	1		67								
	TP407	1.60	MG		1								42		9.6		39		7.7	<	1				<	1	<	1								
	TP407	2.00	Till																																	
	TP408	0.40	MG		2								51		1.4		114		9.7	<	1				<	1	<	1	<	1						
	TP409	0.50	MG																																	
	TP409	0.60	MG	<	1								43	<	1		136		7.5	<	1				<	1	<	1								
	TP410	0.70	MG		2								59		3.6		94		7.6		99					1		98		34						
	TP410	1.00	MG	<	1								67		2.4		78		6.9	<	1				<	1	<	1								
	TP410	2.70	MG		4								10		3.1		238		7.5		520				<	1		520								
	TP411	0.40	MG		3								62	<	1		145		5.4		12				<	1		12								
	TP412	0.60	MG		2								47		1.3		1160		7.7		24				<	1		24	<	1						
	TP412	1.50	Till	<	1								33		2.1		67		7.1	<	1				<	1	<	1								
	TP413	0.60	MG		3								67		1.5		988		6.4	<	1				<	1	<	1								
	TP414	0.80	MG		1								54	<	1		193		8.3	<	1				<	1	<	1								
	TP415	0.50	MG		1								39	<	1		150		8.1	<	1				<	1	<	1								
	TP415	1.50	MG		2								123		1.9		78		7.9	<	1				<	1	<	1								
	TP417	0.70	MG	<	1								54		1.8		488		8	<	1				<	1	<	1		0.05						
	TP417	1.80	Till																																	
	TP418	0.50	MG	<	1								22	<	1		49		8.2	<	1				<	1	<	1								
	TP418	3.20	Till																																	
	TP419	1.00	MG	<	1								33	<	1		266		8.1	<	1				<	1	<	1	<	1						
	TP419	3.60	Till	<	1								26	<	1		58		8.5	<	1				<	1	<	1								
	TP421	0.30	MG		4								23		2.1		129		11.2	<	1				<	1	<	1								
	TP422	0.30	MG	<	1								29		2		583		8.3	<	1				<	1	<	1	<	1						
	TP422	1.50	Till																																	
	TP423	0.30	MG	<	1								14	<	1		904		8.7	<	1				<	1	<	1								
	BH424	2.00	MG		2								38		2		246		7.8	<	1				<	1	<	1								
	TP424	0.70	MG		2								32		5.5		80		8.5	<	1				<	1	<	1								
	TP425	0.40	MG	<	1								32	<	1		91		12	<	1				<	1	<	1								
	TP426	1.30	Till	<	1								30		1.4		61		5	<	1				<	1	<	1		12						
	TP426	3.00	Till	<	1								24	<	1		61		7.7	<	1				<	1	<	1								
	TP427	0.50	MG		1								51	<	1		555		7.8		1				<	1	<	1								
	TP427	1.80	MG	<	1								8	<	1		44		7.8	<	1				<	1	<	1	<	1						
	TP428	0.60	MG	<	1								7	<	1		41		7.7	<	1				<	1	<	1	<	1						
	TP428	2.20	MG		5								26		4.6		497		9.9	<	1				<	1	<	1	<	1						
	TP429	0.40	MG		2								58		1.5		2090		7.9	<	1				<	1	<	1								
	TP429	1.60	MG		3								92		2.2		670		7.4		7				<	1	<	1								
	TP430	2.10	MG		4								133		2.5		578		8.7	<	1				<	1	<	1								
	TP430	2.50	Till	<	1								28	<	1		71		8.7	<	1				<	1	<	1								
	TP431	0.80	MG	<	1								26	<	1		68		8.5	<	1				<	1	<	1								
	TP431	1.90	MG		2								149		3.3		228		7.6	<	1				<	1	<	1		9						
	TP432	0.60	MG		2								48	<	1		178		7.9		10				<	1		10								
	TP432	3.00	MG	<	1								27	<	1		71		8.6	<	1				<	1	<	1								
	TP433	0.40	MG	<	1								33		1.7		234		11.2	<	1				<	1	<	1								
	TP433	1.00	MG		2								36		1.8		148		9.4	<	1				<	1	<	1								
	TP434	0.70	MG		1								25		2.3		70		10.7		2					2	<	1								
	TP435	0.60	MG	<	1								13	<	1		462		10		1				<	1	<	1								
	TP436	0.50	Till		1								25	<	1		69		9.3	<	1				<	1	<	1								
	TP437	0.60	MG		2								82	<	1		303		7.9	<	1				<	1	<	1								
	TP437	1.50	MG		2								86	<	1		531		7.3	<	1				<	1	<	1								
	TP438	0.40	MG		4								24	<	1		178		8.7	<	1				<	1	<	1								
	TP438	1.30	MG	<	1								16	<	1		54		8.9	<	1				<	1	<	1	<	1						
	TP438	2.00	Till	<	1								31		1.2		146		8.4	<	1				<	1	<	1								
	TP440	0.50	MG	<	1								6	<	1		7		8.1	<	1				<	1	<	1								
	TP441	0.50	MG		2								68	<	1		84		8.3		1				<	1	<	1								
	TP441	0.90	MG		2								62	<	1		104		7.4		4				<	1	<	1		4						
	TP442	0.60	MG																																	
	TP442	1.40	MG		16								52		1.3		342		6.9		6				<	1		6								
	TP442	2.00	Till	<	1								24	<	1		66		8.4	<	1				<	1	<	1								
	TP443	0.50	MG		2								56		1.1		149		8.7		2				<	1		2								
	TP444	0.50	MG		1								55	<	1		162		7.3	<	1				<	1	<	1								
	TP444	3.00	MG		45								53	<	1		1850		7.3		2				<	1		2								
	TP445	1.50	MG		7								81	<	1		496		7.6	<	1				<	1	<	1								
	TP445	3.40	MG		9								68		1.7		2010		6.7		10				<	7.1		10	<	1						
	TP446	0.40	MG	<	1								15		2.5		155		9.4	<	1				<	1	<	1								
	TP446	0.90	MG	<	1								15		2.6		136		9.4	<	1				<	1	<	1								
	TP447	0.90	MG	<	1								39	<	1		153		7.7	<	1				<	1	<	1								
	TP447	2.20	Till	<	1								22	<	1		62		7.4	<	1				<	1	<	1								

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Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata		Selenium		Sodium		Thallium		Tin		Vanadium		W/S Boron		Zinc	pH		Total Cyanide		Thiocyanate		Free Cyanide		Cyanide (complex)		Ammoniacal nitrogen		Total Sulphate		Soluble Sulphate		Acid Soluble Sulphate
					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		g/l		mg/kg
TSV					8910								3160		10300		581000	5 to 9		34				34		34								
	TP448	0.80	MG																														
	TP448A	2.20	Till	<	1								24	<	1		74	8.6	<	1			<	1	<	1								
	TP449	0.50	MG		2								29	<	1		63	8.3	<	1			<	1	<	1								
	TP449	0.60	MG	<	1								23	<	1		42	7.9	<	1			<	1	<	1								
	TP449	1.10	Till		1								28	<	1		58	6.5	<	1			<	1	<	1								
	TP449A	1.50	MG		4								45		1.9		155	8.2	<	1			<	1	<	1								
	TP449B	1.00	Till	<	1								16		1.1		31	8.1	<	1			<	1	<	1								
	TP450	0.90	MG	<	1								28		1		1670	11.9	<	1			<	1	<	1								
	TP451	1.30	MG		9								55	<	1		130	6.9	<	1			<	1	<	1	<	1						
	TP452	1.20	MG		6								38	<	1		519	8.1	<	1			<	1	<	1		13						
	TP453	0.60	MG		2								58	<	1		83	8.1		10			<	1		10								
	TP453	0.80	Till		1								59	<	1		59	8.6	<	1			<	1	<	1								
	TP454	1.00	MG		5								64		2		151	7.3	<	1			<	1	<	1								
	TP455	0.40	MG	<	1								9		1.9		20	8.3	<	1			<	1	<	1	<	1						
	TP455	1.20	MG		3								30		10.2		63	7.2		2			<	1		2								
	TP456	0.50	MG		2								38		1.3		574	7.6		3			<	1		3								
	TP456	2.10	MG		1								33		2.8		179	6.6		2				2	<	1								
	TP456	2.90	MG	<	1								29		4.6		30	6.8	<	1			<	1	<	1								
	TP457	0.70	MG		2								39		2		144	6.4	<	1			<	1	<	1								
	TP457	1.50	MG	<	1								37		3.2		52	7.5	<	1			<	1	<	1								
	TP458	0.40	MG		4								64	<	1		293	7.3	<	1			<	1	<	1								
	TP458	0.80	MG		7								27	<	1		41	6.4	<	1			<	1	<	1		3						
	TP458	2.00	Till	<	1								31	<	1		65	4.4	<	1			<	1	<	1								
	TP459	0.40	MG		26								61	<	1		446	7.2		45				8		38								
	TP460	0.50	MG	<	1								44		6.8		794	8.5		3			<	1		3								
	TP461	1.00	MG																														
	TP462	0.70	MG																														
	TP463	1.20	MG		2								36	<	1		149	7.6		3				2		1		2						
	TP463	2.30	MG		1								36	<	1		58	6.7	<	1			<	1	<	1								
	TP464	0.50	MG	<	1								7	<	1		24	8.2	<	1			<	1	<	1	<	1						
	TP464	2.00	MG	<	1								5		7.4		31	9.9		26			<	1		26								
	TP464	2.50	MG																														
	TP465	1.30	MG		4								42		2.3		328	8.3	<	1			<	1.2	<	1								
	TP466	0.90	MG		3								90	<	1		312	7.6		4				3		1								
	TP466	1.30	MG	<	1								28		1.6		55	7.5	<	1			<	1	<	1								
	TP466	2.00	Till	<	1								27		1.5		55	8.5	<	1			<	1	<	1								
	TP467	0.50	MG		13								82		1.2		636	7.7	<	1			<	1	<	1								
	TP468	1.20	MG		5								35	<	1		317	10.3	<	1			<	1	<	1	<	1						
	TP469	0.50	MG		2								97	<	1		83	6.6		410				3		410		5						
	TP469	1.20	MG		2								70	<	1		60	5.2		71				3		68								
	TP469	0.80	MG	<	1								27		2.1		138	10.3		5			<	1		5								
	TP470	1.40	Till																														
	TP470	3.30	Till																														
	TP471	0.60	MG																														
	TP472	1.00	MG		2								38	<	1		455	8.1		3			<	1		3		0.15						
	TP473	2.00	MG																														
	TP474A	1.00	MG	<	1								50	<	1		467	10	<	1			<	1	<	1		0.63						
	TP475	0.80	MG																														
	TP477	2.00	MG		10								107	<	1		204	5.8		2			,	2		2								
	TP480	0.70	MG		3								71	<	1		255	7.9	<	1			<	1	<	1								
	TP483	0.80	MG		2								53		1.5		1350	8.7	<	1			<	1	<	1								
	TP483	2.00	MG	<	1								44	<	1		432	8.5	<	1			<	1	<	1								
	TP485	1.40	MG		4								48		4.7		1170	7.1		2000				1		2000								
	TP485	2.20	MG		8								55		2.9		1580	7.8		17				2		16								
	TP486	0.80	MG	<	1								20	<	1		109	8.6	<	1			<	1	<	1		3						
	TP486	1.40	MG		1								307	<	1		405	7.8	<	1			<	1	<	1								
	TP488	2.20	MG																														
	TT401	0.80	MG		5								67		1.2		823	7.8		9			<	1		9								
	TT402	1.00	MG		14								167		5.2		1430	7.7	<	1			<	1	<	1								
	TT402	2.00	MG		7								34		2.2		90	6.8	<	1			<	1	<	1								
	TT403	0.80	MG		5								73	<	1		586	7.6		2			<	2		2								
	TT403	2.00	MG		7								62	<	1		494	7.7	<	1			<	1	<	1	<	1						
	TT403	3.60	Till		3								74		7.5		339	7.6	<	1			<	1	<	1								
	TT404	0.10	MG	<	1								31	<	1		80	6.1	<	1			<	1	<	1								
	TT404	0.60	MG	<	1								3	<	1		115	8.5		4			<	1		3	<	1						
	TT404	1.20	MG		1740								12	<	1		51	7		12			<	1		12								
	TT405	0.60	MG		20								49	<	1		66	5.6		51				5		46								
	TT405	0.80	MG		70								21	<	1		42	6.8	<	1			<	1	<	1								
	TT406	0.40	MG		53								122	<	1		218	7		110			<	5		110		7						
	TT406	1.20	MG		6								112		4.8		267	6.1		13			<	13		13								
	TT406	1.00	MG		2								54		1.6		1110	7.1	<	1			<	1	<	1								
	WS401	0.80	MG		4								53	<	1		229	7.6	<	1			<	1	<	1								
	WS401	1.70	MG																														
	WS401	2.70	MG		153								14	<	1		133	7.1	<	1			<	1	<	1								
	WS403	0.40	MG		6								17	<	1		69	7.8	<	1			<	1	<	1								
	WS403	2.00	MG		16								70		5.5		376	5.8		120				23		96								
	WS404	0.25	MG		2								47	<	1		94	8.1		3				2	<	1								
	WS405	1.00	MG		5								31		2.8		84	7.1	<	1			<	1	<	1								
	WS409	0.75	MG	<	1								54		3.3		69	8	<	1			<	1	<	1								
	BH411	0.90	MG		1								14	<	1		96	7.5		12			<	1		12								

Minimum		1		469		1		1		3		1		6		4.4		1		1		1		1		0.05		719		0.07		50
Maximum		1740		5711		76		1200		710		10.2		5500		12.2		2000		1		26		2000		34		218200		2		50
Average		10.2		1543.7		2.8		45.5		51.5		1.8		335.6		7.9		30.0		1.0		1.6		32.5		4.1		27714.5		0.8		50.0
Number of Samples		347		29		45		44		296		208		429		348		217		1		192		187		37		87		61		1
No. > TSV		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		19.00		0.00		0.00		17.00		0.00		0.00		0.00		0.00
% > TSV		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		8.76		0.00		0.00		9.09		0.00		0.00		0.00		0.00

Indicates samples

TSV Source

EA TSV

EIC/AGS/CLAIRE

LQM/CIEH

WYG Screening Va

Atrisk Values

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Total Sulphur	Sulphur (total)	Sulphide	Water Soluble Sulphate as S04 2:1 Extract	Asbestos Screen	Chloride (soluble)	Nitrate (water soluble)	Calorific Value	Total Organic Carbon	Fraction of organic carbon	Soil Organic Matter	Organic Matter
				%	mg/kg	mg/kg	g/l		mg/kg	mg/l	(k cal/kg)	%		%	g/kg
TSV															
Aspinwalls 1995	A1	1.00	MG												
	A2	0.60	MG												
	A3	1.00	MG												
	A4	1.00	MG												
	CC1	0.2-0.3	MG												
	CC1	0.8	MG												
	CC2	0.4	MG												
	CC2	0.5-0.8	MG												
	CC3	0.4	MG												
	CC3	0.65	MG												
	CC3	2.3	Till												
	CC4	0.2-0.55	MG								4361				
	CC4	1.5	MG												
	CC4	2.3-2.8	Till												
	CC5	0.6	MG								185				
	CC6	1.0	MG												
	CC7	0.0-0.1	MG								6344				
	CC7	0.4	MG												
	CC7	2.3	Till												
	CC8	0.6	MG					ND							
	CC8	2.1	MG												
	CC8	2.6-2.8	Till												
	CC9	0.5	MG												
	CC9	2.7	Till												
	CC10	1.75	MG												
	CC11	0.2	MG					ND							
	CC11	0.4	MG												
	CC11	0.9	MG												
	CC12	0.45-0.7	MG												
	CC12	1.0-1.6	MG												
	CC13	0.8	MG								1386				
	CC13	1.8	MG												
	CC14	0.7	MG					ND							
	CC14	2.1	MG												
	CC15	1.0-1.6	Till												
	CC15	3.0	Till												
	CC17	0.9	MG												
	CC17	1.9	MG												
	CC18	1.1	MG												
	CC18	1.9	MG												
	CC19	0.5	MG												
	CC20	1.1	MG												
	CC20	1.4	Till												
	CC21	0.2-0.8	MG												
	CC21	2.1	MG												
	CC22	1.6	MG												
	CC22	2.1	MG												
	CC23	1.1	MG												
	CC23	2.4	MG								338				
	CC23	3.4	MG												
	CC24	0.7	MG												
	CC24	1.8	MG												
	CC25	1.0	MG												
	CC25	2.9	MG												
	CC26	1.2	MG												
	CC26	2.3	MG												
	CC27	1.3	MG												
	CC27	1.8	Till												
	CC28	0.8	MG					ND							
	CC28	2.9	MG												
URS 2006	BH101	1.2-1.3	MG					NFD							
	BH102	1	MG					NFD							
	BH102	1.3	MG												
	BH103	0.95	MG					NFD							
	BH103	1.9	MG												
	BH104	1.8	MG					NFD							
	BH104	2.8	MG												
	BH105	0.6-0.7	MG					NFD							
	BH106	0.8	MG					NFD							
	BH107	1.0-1.3	MG					NFD							
	BH107	1.3	MG												
	BH107	2.0	MG												
	BH108	0.65	MG					NFD							
	BH108	0.7	MG												
	BH109	0.5	MG					NFD							
	BH109	1.7	MG												
	BH110	0.85	MG					NFD							
	BH110	1.3	MG												
	BH111	0.4	MG					NFD							
	BH111	0.9	MG												
	BH111	1.6	Till												
	BH112	0.7	MG					NFD							
	BH112	1.9	MG												
	BH113	0.5-0.6	MG					NFD							
	BH113	2.25	MG												
	BH114	0.8	MG					NFD							
	BH114	3.2	MG												
	BH115	0.9	MG					NFD							
	BH115	2.3	MG												
	BH116	0.5	MG					NFD							
	BH116	0.8	MG												
	BH117	0.7	MG					NFD							
	BH117	2.6	MG												
	BH118	0.8	MG					NFD							

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Total Sulphur	Sulphur (total)	Sulphide	Water Soluble Sulphate as S04 2:1 Extract	Asbestos Screen	Chloride (soluble)	Nitrate (water soluble)	Calorific Value	Total Organic Carbon	Fraction of organic carbon	Soil Organic Matter	Organic Matter
				%	mg/kg	mg/kg	g/l		mg/kg	mg/l	(k cal/kg)	%		%	g/kg
TSV															
	BH118	1.2	MG												
	BH119	1.3	MG					NFD							
	BH119	1.45	MG												
	BH120	0.85	Till					NFD							
	TP201	2	MG												
	TP202	2	MG												
	TP203	1.00	MG												
	TP203	2.0	MG					NFD							
	TP204	1.0	MG					NFD							
	TP204	2.00	MG												
	TP205	1.0	MG					NFD							
	TP205	2.5	MG												
	TP206	2.0	MG												
	TP207	1.0	MG					NFD							
	TP207	3.0	MG												
	TP208	1.7	MG					NFD							
	TP209	2.0	Till					NFD							
	TP211	1.0	MG												
	TP212	2.0	MG					NFD							
	TP214	1.0	MG					NFD							
Capita Symonds 2006	TP01	1.40	Till		120					10					
	TP02	0.80	MG		669			ND		10				7.00	70.0
	TP03	1.45	Till												
	TP04	1.30	MG		1760			ND		10				10.60	106.0
	TP04	1.80	MG		24000					10					
	TP05	3.40	MG		13700		1	ND		10				9.18	91.8
	TP05	4.00	Till												
	TP06	2.70	MG		25200		1.1	ND		10				2.69	26.9
	TP07	1.70	Till		662		0.1	ND		10					
	TP08	1.60	MG		7912		1.1	ND		10				10.80	108.0
	TP09	2.60	MG												
	TP09	2.95	Till		10800		2	ND		10				2.81	28.1
	TP10	0.75	MG		1180		0.3	ND		10				15.20	152.0
	WS02	2.00	Till		22300		1.4	ND		10				9.01	90.1
	WS03	1.30	MG												
	WS03	2.15	Till		5180		0.7	ND		10				14.80	148.0
	WS04	1.45	MG												
	WS04	1.95	Till												
	WS05	1.65	Till		223		0.1	ND		10					
	WS06B	1.50	MG												
	WS06B	1.90	MG												
	WS06B	2.50	Till												
	WS08	1.80	Till		1900		0.1	ND		10				1.74	17.4
	WS10C	2.10	MG		17900		1.4	ND		10				14.20	142.0
	WS11	0.80	Till		4200		0.5	ND		10				25.20	252.0
	WS12	1.10	Till		2290		0.6	ND		10				24.60	246.0
	WS09	0.85	MG	1.66											
	BHS301	0.6-0.7	MG				0.092								
	BHS301	3.4-3.6	Till												
	BHS302	1.5-2.0	MG				1.5	NFD							
	BHS302	2.8-3.0	MG												
	BHS303	0.7-1.0	MG				0.049								
	BHS303	1.8-2.0	Till												
	BHS304	0.9-1.3	MG				1.4								
	BHS304	3.8-4.0	Till												
	BHS305	0.75-0.9	MG				0.04	NFD	6						
	BHS305	1.0-1.4	MG												
	BHS305	2.8-3.0	Till												
	BHS307	0.5-0.9	MG												
	BHS307	2.7-3.0	Till				2.9								
	BHS307	3.8-4.0	Till												
	BHS308	1.0-1.5	MG				0.34	NFD							
	BHS308	2.8-3.0	Till												
	BHS309	0.6-1.0	MG				1.5		68						
	BHS309	1.6-1.9	MG												
	BHS309	2.8-3.0	Till												
	BHS310	0.2-0.8	MG				2.5								
	BHS311	0.25-0.5	MG												
	BHS311	3.6-4.0	Till				1.4		24						
	BHS312	0.5-0.7	MG				0.089		110						
	BHS312	2.8-3.0	MG												
	BHS313	0.8-1.0	MG												
	BHS313	2.55-2.6	Till				0.45								
	BHS314	0.2-.0.4	MG				0.86	NFD							
	BHS314	2.5-3.0	MG												
	BHS315	0.3-0.5	MG				0.039	NFD							
	BHS315	2.2-2.4	Till												
	BHS316	0.80-1.00	MG				1.5	NFD							
	BHS316	1.3-1.4	MG						70						
	BHS317	0.3-0.6	MG				1.4								
	BHS317	2.4-2.6	MG												
	BHS317	3.1-3.15	MG												
	BHS318	0.2-0.9	MG				0.1	NFD							
	BHS318	2-2.4	MG												
	BHS319	0.6-0.8	MG				1.4								
	BHS319	0.8-1.0	MG												
	BHS319	2.8-3.0	Till												
	BHS320	0.3-0.6	MG				0.044								
	BHS321	0.25-0.5	MG				0.16		88						
	BHS321	2.8-3	Till												
	BHS322	0.80-1.00	MG						78						
	BHS322	1.50-1.70	MG				0.19								
	BHS322	3.6-4.0	Till												
	BHS323	0.5-0.7	MG				0.21	NFD							

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Total Sulphur	Sulphur (total)	Sulphide	Water Soluble Sulphate as S04 2:1 Extract	Asbestos Screen	Chloride (soluble)	Nitrate (water soluble)	Calorific Value	Total Organic Carbon	Fraction of organic carbon	Soil Organic Matter	Organic Matter
				%	mg/kg	mg/kg	g/l		mg/kg	mg/l	(k cal/kg)	%		%	g/kg
TSV															
ERM MAY 2007	BHS323	2.-2.8	MG												
	BHS323	3.8-4	Till												
	BHS324	0.5-0.7	MG												
	BHS324	2.0-3.0	MG												
	BHS324	3.4-3.5	Till												
	BHS325	0.6-0.8	MG					NFD	130						
	BHS325	2.4-2.6	MG				0.35								
	BHS325	3.8-4.0	Till												
	BHS326	0.20-0.80	MG				0.27		20						
	BHS326	3.80-4.00	Till												
	BHS327	0.4-0.6	MG				0.021	NFD							
	BHS327	2.8-3.0	Till												
	BHS328	0.80-1.00	MG												
	BHS328	1.50-1.60	MG				0.051								
	BHS328	3.80-4.00	Till												
	BHS329	0.4-0.6	MG				0.025		46						
	BHS329	1.00-1.20	Till												
	BHS330	0.80-1.00	MG					NFD							
	BHS330	1.00-1.10	Till				0.13								
	BHS331	0.20-.0.40	MG				0.084								
	BHS331B	0.50-0.60	MG												
	BHS332	0.30-0.50	MG				0.045								
	BHS332	1.80-2.00	MG												
	BHS333	0.30-0.50	MG				0.16	NFD							
	BHS334	0.40-0.50	MG				0.081	NFD							
	BHS334	0.95-1.00	MG												
	BHS334	1.80-2.00	Till												
	BHS335	0.60-0.80	MG												
	BHS335	1.40-1.50	MG				0.039								
	BHS335	2.80-3.00	Till												
	BH1201	1.0-1.2	MG				0.38	NFD	78						
	BH1201	6.8-7.0	Till												
	BH1202	0.5-0.6	MG												
	BH1202	1.9-2.0	MG												
	BH1202	3.0-3.2	Till				1.7		46						
	BH1203	0.90-1.00	MG				1.4		20						
	BH1203	2.10-2.25	Till												
	BH1203	6.90-7.00	Till												
	BH1204	1.0-1.5	MG												
	BH1204	2.0-2.2	Till				0.071		28						
	BH1204	5.5-6.0	Till												
	BH1205	1.5-1.7	MG				0.12		390						
	BH1205	2.8-3.0	Till					NFD							
	BH1205	6.5-6.6	Till												
	BH1206	0.6-1.0	MG												
	BH1206	3.0-3.5	Till												
	BH1206	6.0-6.5	Till												
	BH1207	1.5-2.0	MG				1.5		140						
	BHI207	2.8-3.0	MG												
	BH1207	3.5-3.8	Till												
	BH1207	4.8-5.0	Till												
	BH1208	1.5-1.7	MG					NFD							
	BHI208	1.9-2.0	Till				0.18		72						
	BH1208	4.0-4.2	Till												
	BH1208	6.8-7.0	Till												
	BH1209	0.60-1.00	MG												
	BH1209	2.90-3.00	Till												
	BH1209	3.90-4.00	Till												
	BHI209	4.20-4.30	Till												
	BHD103	0.90-1.00	MG				1.4	NFD	36						
	BHD103	2.20-2.30	Till												
	BHD103	5.5-5.6	Till												
	BHS103	8.2-8.4	Till												
	BHD103	10.5-1.06	Till												
ERM 2008	BH1	0.7-0.8	MG												
	BH1	3.8-4.0	Till												
	BH2	0.7-0.8	MG												
	BH2	3.5-3.6	Till												
	BH3	0.5-0.7	MG												
	BH3	1.5-1.7	MG												
	BH4	0.5-0.7	MG												
	BH5	0.8-1.0	MG												
	BH6	0.4-0.5	MG												
	BH6	3.5-3.7	Till									0.8		1.38	
	BH7	0.2-0.3	MG												
	BH8	0.5-0.7	MG												
	M1	1.7										5.8		10.00	
	TP1A	0.3-0.4	MG												
	TP1A	1.4-1.5	MG									3.3		5.69	
	TP1A	1.7-1.8	Till												
	TP2	0.05-0.6	MG												
	TP2	2-2.2	MG												
	TP2	3.8-3.9	Till												
	TP3	0.9-1	MG												
	TP3	3-3.1	MG												
	TP3	3.9-4.0	Till												
	TP4	0.9-1.0	MG												
	TP4	3.9-4	Till												
	TP5	0.3-0.4	MG												
	TP5	1.9-2	MG												
	TP5	3.9-4	Till												
	TP6	4.1-4.2	Till												
	TP7	0.4-0.5	MG												
	TP7	2.9-3.0	MG									11		18.97	

A64184 - Openshaw West

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Total Sulphur	Sulphur (total)	Sulphide	Water Soluble Sulphate as S04 2:1 Extract	Asbestos Screen	Chloride (soluble)	Nitrate (water soluble)	Calorific Value	Total Organic Carbon	Fraction of organic carbon	Soil Organic Matter	Organic Matter
				%	mg/kg	mg/kg	g/l		mg/kg	mg/l	(k cal/kg)	%		%	g/kg
TSV															
Ea	TP7	3.9-4.0	Till												
	TP8	0.9-1.0	MG												
	TP8	4-4.1	Till												
	TP9A	0.4-0.5	MG												
	TP9A	1.9-2.0	MG												
	TP9A	4-4.1	Till												
	TP10	0.9-1.0	MG												
	TP10	2.4-2.5	MG												
	TP10	3.9-4.0	Till												
	TP11	0.9-10	MG												
	TP11	3.75-3.85	Till												
	TP12	0.9-1.0	MG												
	TP12	2.4-2.5	MG												
	TP12	4.0-4.1	Till												
	TP13	1.4-1.5	MG												
	TP13	3.7-3.8	Till												
	TP14A	0.5	MG												
	TP14A	0.2	MG												
	TP15	0.9-1.0	MG												
	TP15	3.7-3.8	Till												
	TP16	0.5-0.6	MG												
	TP16	2.5-2.6	MG												
	TP16	3.7-3.8	MG												
	TP17	0.5-0.6	MG												
	TP17	1.3-1.5	MG												
	TP17	3.6-3.7	Till												
	TP18	0.5-0.6	MG												
	TP18	3.4-3.5	Till												
	BH401	0.50	MG				20		NFI						
	BH401	1.50	MG				23		NFI						
	BH401	2.00	MG			<	15								
	BH402	0.50	MG			<	15		NFI						
	BH402	0.60	MG												
	BH402	3.00	Till												
	BH403	0.50	MG												
	BH403	1.20	MG												
	BH403	0.50	MG				150		NFI						
	BH403	3.00	Till										0.1106		
	BH404	0.90	MG			<	15		NFI						
	BH405A	0.40	MG			<	15		NFI				0.0284	4.90	
	BH405A	0.80	Till			<	15		NFI						
	BH406	0.25	MG			<	15		NFI						
	BH406	0.50	MG			<	15		NFI				0.0206	3.55	
	BH406	2.00	Till										0.0099	1.71	
	BH407	0.40	MG			<	15		NFI						
	BH408	1.20	MG												
	BH408	2.00	MG												
	BH408	0.50	MG				43		NFI						
	BH410	0.30	MG												
	BH411	0.30	MG												
	BH411	2.00	MG												
	BH411	3.80	MG			<	15		NFI						
	BH411	6.30	MG			<	15		NFI				0.02	3.45	
	BH411	8.00	Till										0.0077	1.33	
	BH412	1.00	MG			<	15		NFI						
	BH413	0.60	MG			<	15		NFI						
	BH413	2.00	MG			<	15		NFI				0.0582	10.03	
	BH413	2.80	MG												
	BH413	3.20	Till												
	BH414	0.50	MG			<	15		NFI						
	BH414	2.00	MG				45		NFI						
	BH414	1.20	MG												
	BH414	5.00	Till												
	BH415	1.80	MG				940		NFI						
	BH416	0.70	MG			<	15		NFI						
	BH416	0.25	MG												
	BH416	1.80	MG												
	BH424	0.40	MG			<	15		NFI		1830				
	BH424	1.20	MG												
	BH424	4.00	Till												
	SP402	0.20	MG			<	15		NFI						
	SP403		MG			<	15		NFI						
	SP404		MG			<	15		NFI						
	SP405		MG			<	15		NFI						
	SP406		MG			<	15		NFI						
	SP407		MG			<	15		NFI						
	SP408		MG			<	15		NFI						
	SP409		MG			<	15		NFI						
	SP410		MG			<	15		NFI						
	SP411		MG			<	15		NFI						
	SP412		MG			<	15		NFI						
	SP413		MG			<	15		NFI						
	SP414		MG			<	15		NFI						
	SP415		MG			<	15		NFI						
	SP416		MG			<	15		NFI						
	SP417		MG			<	15		NFI						
	SP418		MG			<	15		NFI						
	SP419		MG			<	15		NFI						
	SP420		MG			<	15		NFI						
	SP421		MG			<	15		NFI						
	SP422		MG			<	15		NFI						
	SP423		MG			<	15		NFI						
	TP401	0.60	MG			<	15		NFI				0.2302	39.69	

Screened Soil Results - Metals Inorganics

Report Source	Exploratory Hole	Depth (m)	Strata	Total Sulphur	Sulphur (total)		Sulphide	Water Soluble Sulphate as S04 2:1 Extract	Asbestos Screen	Chloride (soluble)	Nitrate (water soluble)	Calorific Value	Total Organic Carbon	Fraction of organic carbon	Soil Organic Matter	Organic Matter
				%	mg/kg		mg/kg	g/l		mg/kg	mg/l	(k cal/kg)	%		%	g/kg
TSV																
Structural Soils 2010	TP401	1.20	MG				25		NFI							
	TP401	2.00	Till											0.0067	1.16	
	TP402	0.50	MG			<	15		NFI							
	TP402	0.75	MG			<	15		NFI							
	TP403	0.50	MG				17		NFI							
	TP403	1.50	Till				400									
	TP404	0.50	MG				34		NFI							
	TP405	1.20	MG				680		NFI							
	TP405A	1.40	MG				610		NFI							
	TP405B	0.80	MG				110		NFI							
	TP405C	1.20	MG				23		NFI							
	TP406	0.50	MG				180		NFI					0.1904	32.83	
	TP407	0.80	MG			<	15		NFI					0.1367	23.57	
	TP407	1.60	MG				69		NFI							
	TP407	2.00	Till											0.0069	1.19	
	TP408	0.40	MG			<	15		NFI					0.1456	25.10	
	TP409	0.50	MG						FD							
	TP409	0.60	MG				250		NFI							
	TP410	0.70	MG				150		NFI							
	TP410	1.00	MG			<	15							0.005	0.86	
	TP410	2.70	MG				34		NFI							
	TP411	0.40	MG			<	15		NFI							
	TP412	0.60	MG				17		NFI							
	TP412	1.50	Till				310		NFI					0.0127	2.19	
	TP413	0.60	MG			<	15		NFI							
	TP414	0.80	MG			<	15		NFI							
	TP415	0.50	MG			<	15		NFI							
	TP415	1.50	MG				110		NFI							
	TP417	0.70	MG			<	15		NFI					0.0708	12.21	
	TP417	1.80	Till											0.0078	1.34	
	TP418	0.50	MG			<	15		NFI					0.0058	1.00	
	TP418	3.20	Till											0.0085	1.47	
	TP419	1.00	MG			<	15		NFI					0.0897	15.47	
	TP419	3.60	Till			<	15									
	TP421	0.30	MG			<	15		NFI							
	TP422	0.30	MG			<	15		NFI							
	TP422	1.50	Till											0.0052	0.90	
	TP423	0.30	MG			<	15		NFI							
	BH424	2.00	MG			<	15		NFI							
	TP424	0.70	MG			<	15		NFI							
	TP425	0.40	MG			<	15		NFI					0.1343	23.16	
	TP426	1.30	Till			<	15		NFI							
	TP426	3.00	Till			<	15									
	TP427	0.50	MG			<	15		NFI							
	TP427	1.80	MG			<	15		NFI					0.0355	6.12	
	TP428	0.60	MG			<	15		NFI							
	TP428	2.20	MG				560		NFI							
	TP429	0.40	MG			<	15		NFI							
	TP429	1.60	MG				1300		NFI							
	TP430	2.10	MG				140		NFI							
	TP430	2.50	Till			<	15							0.0074	1.28	
	TP431	0.80	MG			<	15		NFI							
	TP431	1.90	MG				1400		NFI							
	TP432	0.60	MG			<	15		NFI							
	TP432	3.00	MG			<	15		NFI							
	TP433	0.40	MG			<	15		NFI							
	TP433	1.00	MG				660		NFI							
	TP434	0.70	MG				23		NFI					0.0343	5.91	
	TP435	0.60	MG			<	15		NFI							
	TP436	0.50	Till			<	15							0.0063	1.09	
	TP437	0.60	MG			<	15		NFI							
	TP437	1.50	MG				58		NFI					0.0664	11.45	
	TP438	0.40	MG			<	15		NFI							
	TP438	1.30	MG				49		NFI							
	TP438	2.00	Till			<	15		NFI					0.0099	1.71	
	TP440	0.50	MG			<	15		NFI							
	TP441	0.50	MG			<	15		NFI							
	TP441	0.90	MG			<	15		NFI							
	TP442	0.60	MG						FD							
	TP442	1.40	MG				58		NFI					0.1366	23.55	
	TP442	2.00	Till			<	15									
	TP443	0.50	MG			<	15		NFI							
	TP444	0.50	MG			<	15		NFI							
	TP444	3.00	MG			<	15		NFI							
	TP445	1.50	MG			<	15		NFI							
	TP445	3.40	MG			<	30		NFI					0.111	19.14	
	TP446	0.40	MG			<	15		NFI							
	TP446	0.90	MG			<	15		NFI							
	TP447	0.90	MG				94		NFI					0.1124	19.38	
	TP447	2.20	Till			<	15									

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Report Source	Exploratory Hole	Depth (m)	Strata	Total Sulphur	Sulphur (total)		Sulphide	Water Soluble Sulphate as S04 2:1 Extract	Asbestos Screen	Chloride (soluble)	Nitrate (water soluble)		Calorific Value	Total Organic Carbon	Fraction of organic carbon	Soil Organic Matter	Organic Matter
				%	mg/kg		mg/kg	g/l		mg/kg	mg/l		(k cal/kg)	%		%	g/kg
TSV																	
	TP448	0.80	MG						NFI								
	TP448A	2.20	Till			<	15		NFI								
	TP449	0.50	MG			<	15		NFI						0.0182	3.14	
	TP449	0.60	MG			<	15		NFI								
	TP449	1.10	Till			<	15										
	TP449A	1.50	MG			<	15										
	TP449B	1.00	Till				24								0.0273	4.71	
	TP450	0.90	MG			<	15		NFI								
	TP451	1.30	MG			<	15		NFI								
	TP452	1.20	MG				590		NFI								
	TP453	0.60	MG				530		NFI								
	TP453	0.80	Till			<	15										
	TP454	1.00	MG			<	15		NFI				4560				
	TP455	0.40	MG			<	15		NFI								
	TP455	1.20	MG				43		NFI						0.1005	17.33	
	TP456	0.50	MG			<	15		NFI								
	TP456	2.10	MG				24		NFI				2130				
	TP456	2.90	MG				34										
	TP457	0.70	MG				17		NFI								
	TP457	1.50	MG			<	15		NFI			<	100		0.0025	0.43	
	TP458	0.40	MG			<	15		NFI								
	TP458	0.80	MG			<	15		NFI						0.0526	9.07	
	TP458	2.00	Till			<	15										
	TP459	0.40	MG				32		NFI								
	TP460	0.50	MG			<	15		NFI								
	TP461	1.00	MG										1020		0.0168	2.90	
	TP462	0.70	MG														
	TP463	1.20	MG			<	15		NFI								
	TP463	2.30	MG			<	15										
	TP464	0.50	MG			<	15		NFI				13700				
	TP464	2.00	MG			<	15		NFI								
	TP464	2.50	MG						NFI								
	TP465	1.30	MG				260		NFI								
	TP466	0.90	MG			<	15		NFI						0.2304	39.72	
	TP466	1.30	MG			<	15		NFI								
	TP466	2.00	Till				30										
	TP467	0.50	MG				87		NFI								
	TP468	1.20	MG			<	15		NFI								
	TP469	0.50	MG				24		NFI								
	TP469	1.20	MG				200		NFI								
	TP469	0.80	MG				190		NFI								
	TP470	1.40	Till														
	TP470	3.30	Till														
	TP471	0.60	MG						NFI								
	TP472	1.00	MG			<	15		NFI								
	TP473	2.00	MG						NFI								
	TP474A	1.00	MG				330		NFI								
	TP475	0.80	MG						NFI								
	TP477	2.00	MG				300		NFI								
	TP480	0.70	MG			<	15		NFI								
	TP483	0.80	MG			<	15		NFI						0.0658	11.34	
	TP483	2.00	MG			<	15		NFI								
	TP485	1.40	MG				350		NFI						0.0408	7.03	
	TP485	2.20	MG				91		NFI								
	TP486	0.80	MG			<	15		NFI								
	TP486	1.40	MG			<	15		NFI						0.0079	1.36	
	TP488	2.20	MG														
	TT401	0.80	MG			<	15		NFI								
	TT402	1.00	MG			<	15		NFI								
	TT402	2.00	MG			<	15		NFI								
	TT403	0.80	MG				87		NFI						0.0544	9.38	
	TT403	2.00	MG				97		NFI								
	TT403	3.60	Till				140		NFI						0.075	12.93	
	TT404	0.10	MG				33		NFI								
	TT404	0.60	MG			<	15		NFI								
	TT404	1.20	MG				710		NFI						0.0787	13.57	
	TT405	0.60	MG				39		NFI						0.4282	73.83	
	TT405	0.80	MG			<	15		NFI								
	TT406	0.40	MG				23		NFI						0.0327	5.64	
	TT406	1.20	MG				100		NFI								
	TT406	1.00	MG				26		NFI								
	WS401	0.80	MG			<	15		NFI								
	WS401	1.70	MG														
	WS401	2.70	MG			<	15		NFI								
	WS403	0.40	MG			<	15		NFI								
	WS403	2.00	MG			<	15		NFI								
	WS404	0.25	MG			<	15		NFI								
	WS405	1.00	MG			<	15		NFI								
	WS409	0.75	MG			<	15		NFI								
	BH411	0.90	MG			<	15		NFI								

Minimum	1.66	120	15	0.021			6	10	100	0.8	0.0025	0.43	17.40			
Maximum	1.66	25200	1400	2.9			390	10	13700	11	0.4282	73.83	252.00			
Average	1.7	8235.1	79.8	0.7			80.6	10.0	3268.5	5.2	0.1	11.2	113.7			
Number of Samples	1	17	187	54	241	18	17	11	4	46	62.00	13.00				
No. > TSV	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
% > TSV	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

Indicates samples

TSV Source

EA TSV

EIC/AGS/CLAIRE

LQM/CIEH

WYG Screening Va

Atrisk Values

ND = Not Detected

NFD = No Fibres Detected

NFI = No Fibres Identified

FD = Fibres Detected

A064184 Openshaw West

Screened Soil Results - PAHs

Report Source	Exploratory Hole	Depth (metres)	Strata	Determinand	Maximum Acenaphthylene	Maximum Acenphthene	Maximum Antracene	Maximum Benzo(a)anthracene	Maximum Benzo(a)pyrene	Maximum Benzo(b)fluoranthene	Maximum Benzo(g,h,i)perylene	Maximum Benzo(k)fluoranthene	Maximum Chrysene	Maximum Dibenzo(a,h)anthracene	Maximum Fluoranthene	Maximum Fluorene	Maximum Indeno(1,2,3-cd)pyrene	Maximum Napthalene	Maximum Phenanthrene	Maximum Pyrene	PAH Total	2 Chloranaphthalene	2 Methylnaphthalene
				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/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	TSV				3860	23900	120000	67.1	6.94	68.7	660	140	140	7.08	16000	16000	62	1100	970	12000		22	
Aspinwells 1995	A1	1.00	MG		0.33	0.33	0.35	1.12	1.02	1.21	0.72	0.44	1	0.33	2.61	0.33	0.58	0.33	1.62	2.21	13		
	A2	0.60	MG		0.91	2.01	2.88	5.8	4.84	6.04	2.75	1.82	5.43	0.67	12.62	2.22	2.37	5.55	12.88	11.62	93		
	A3	1.00	MG		0.33	0.33	0.51	2.04	1.4	1.98	1.01	0.59	2.07	0.33	5.03	0.33	0.72	1.81	3.42	3.72	26		
	A4	1.00	MG		0.33	0.33	1.45	0.72	0.71	0.94	0.47	0.33	0.68	0.33	1.45	0.33	0.33	0.33	0.98	1.35	9		
	CC3	0.65	MG		0.67	0.67	0.67	0.67	1.81	2.57	1.7	0.92	0.95	0.67	3.24	0.67	1.25	0.67	1.85	3.9	18		
	CC8	2.1	MG		0.33	0.33	0.47	2.83	2.65	3.95	2.01	1.16	3.23	0.33	6.03	0.33	1.81	0.41	3.32	5.28	33		
	CC9	0.5	MG		0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.5		
	CC21	2.1	MG		0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.36	0.33	0.33	0.33	0.48	0.35	1		
	CC23	3.4	MG		0.67	0.67	1.56	2.49	2.32	2.8	1.52	0.95	2.5	0.67	5.69	0.67	1.28	0.93	4.65	5.19	32		
URS 2006	BH101	1.2 - 1.3	MG					0.178					0.124		0.185								
	BH102	1	MG				0.227						0.178		0.321	0.129			0.454	0.311			
	BH106	0.8	MG																	0.118			
	BH107	1.3	MG					0.16					0.161							0.262			
	BH108	0.7	MG				0.118	0.337	0.218	0.319	0.338	0.451	0.494		0.668		0.149		0.497	0.659			
	BH109	1.7	MG												0.449				0.65	0.32			0.172
	BH110	1.3	MG																				0.055
	BH112	1.9	MG			2.224	2.529	3.523	2.47	3.297	1.275	2.127	4.492	0.444	10.828	1.943	0.932	0.967	13.479	10.164			0.522
	BH113	2.25	MG					0.284					0.162		0.143			0.281	0.172	0.157			
	BH114	3.2	MG			24.825	2.529	2.282	1.026	1.351	0.522	0.897	2.16	0.147	12.739	7.968	0.388	4.355	40.449	10.718			
	BH115	2.3	MG				0.149	0.327	0.239	0.235	0.199	0.284	0.358		0.789		0.156	0.7	0.663	0.735			
	BH116	0.5	MG			0.012																	0.042
	BH116	0.8	MG				0.177	0.482	0.373	0.613	0.317	0.378	0.667		0.951		0.223		0.757	0.987			
	BH117	2.6	MG			0.524	0.757	2.985	3.389	2.597	2.479	3.015	3.16	0.792	4.942	0.225	2.182	1.524	3.833	5.086			0.813
	BH118	1.2	MG			2.258	1.051	0.657	0.418	0.609	0.284	0.438	0.976		2.48	1.702	0.202	0.743	6.153	2.211			0.148
	BH119	1.45	MG		0.47	1.529	2.818	7.711	3.41	6.395	4.819	6.575	8.368	0.787	18.16	1.423	2.585	1.372	13.687	19.833			0.93
	BH120	0.85	MG				0.199	0.813	0.634	0.865	0.542	0.882	1.208	0.187	1.661		0.446		1.478	1.876			0.255
	TP202	2	MG		0.26	0.417	1.155	4.341	3.292	5.516	1.437	1.588	4.711	0.417	9.228	0.356	1.268	1.587	6.178	8.999			1.316
	TP203	1.00	MG				0.417	1.473	1.233	2.365	0.556	0.739	1.672	0.166	2.504		0.513	1.361	1.823	2.282			1.403
	TP204	2.00	MG					0.127					0.136		0.175				0.162	0.185			
	TP205	1.0	MG		0.225	0.637	1.092	3.446	2.915	4.69	1.21	1.491	3.954	0.369	7.769	0.544	0.999	3.435	6.56	8.567			1.422
	TP206	2.0	MG				0.181								0.303	0.211		1.503	0.775	0.476			0.368
	TP208	1.7	MG			0.638	0.479	1.201	0.494	0.807	1.028	0.793	1.17		2.523	0.314	0.392	1.805	1.612	2.49			0.69
	TP209	2.0	MG		11.982	6.668			1.242	2.07	0.896	1.291	1.616	2.373	0.231	8.493	6.272	2.686	5.777	15.066			
	TP211	1.0	MG												0.205				0.28	0.22			0.129
	TP212	2.0	MG			0.694	0.528	0.506	0.262	0.327	0.418	0.383	0.486		1.512	0.381	0.189	0.393	1.968	1.361			0.42
	TP214	1.0	MG		0.184	10.201	10.376	17.403	8.21	14.882	12.828	12.232	17.68	1.703	49.436	7.19	7.05	1.625	49.961	46.959			1.25
Capita Symonds 2006	TP02	0.80	MG		0.1	0.1	0.1	0.3	0.4	0.8	0.3	0.1	0.4	0.1	0.7	0.1	0.2	0.1	0.5	0.7			
	TP04	1.30	MG		0.1	0.1	0.4	2.1	2.1	3.7	1.4	0.8	2.1	0.3	4.3	0.1	1.2	0.1	2	3.6			
	TP05	3.40	MG		0.1	1.1	1	3.4	3.3	4.7	1.9	0.9	3.5	0.5	6.8	0.7	1.5	0.3	5.9	6.3			
	TP06	2.70	MG		0.25	2.5	4.2	15.4	13.9	20.9	8.5	4.5	16.8	0.6	34.5	2.4	6.7	7.3	34.2	27.5			
	TP08	1.60	MG		0.1	0.1	0.1	0.2	0.1	0.4	0.1	0.1	0.2	0.1	0.3	0.1	0.1	0.1	0.2	0.3			
	TP09	2.6	MG																			<	0.1
	TP09	2.95	NG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
	TP10	0.75	MG		0.1	0.1	0.2	0.5	0.5	0.9	0.3	0.2	0.6	0.1	1.2	0.1	0.2	0.1	1.2	1.1			
	WS02	2.00	NG		0.2	0.1	1.6	5.5	2.1	10.2	2.1	1.9	6.6	0.7	13.1	1.4	2.4	0.3	5.1	7.2			
	WS03	1.3	MG																			<	0.1
	WS03	2.15	NG		0.1	0.6	0.9	2.6	2.9	4.5	1.9	0.9	2.7	0.5	4.4	0.6	1.4	0.3	4.2	4.3			
	WS04	1.95	MG																				48.1
	WS06B	1.9	MG																				5.3
	WS08	1.80	NG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
	WS10C	2.10	MG		1.3	3.2	5	9.7	8.9	11.1	6	2.7	9.7	0.4	23.4	3.5	4.9	2.4	22.1	18.7			
	WS11	0.80	NG		0.2	0.1	0.5	1.4	1.3	2.3	0.8	0.4	1.3	0.2	2.5	0.2	0.6	0.1	2	2.5			
	WS12	1.10	NG		0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1			
	WS09	0.85	MG		0.512	16.598	7.908	25.286	20.742	20.498	16.686	9.082	28.598	4.925	69.673	4.736	11.997	7.293	51.439	64.81	360.783		
	WS03	1.3	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		<	0.1
	WS04	1.95	NG		1	0.1	1.7	8.3	5.7	12.5	4.7	3.1	8.2	0.4	17.1	0.4	4.1	0.1	12.8	12		<	0.6
	WS06B	1.9	MG		0.1	58	22	5.3	1.9	1	0.5	0.9	4.8	0.1	48.8	37	0.8	113.2	142.1	0.1		<	0.1
	WS09	0.85	MG		2.6	19.2	44.8	70.6	76.8	85.5	38.3	29.9	77.2	2	160.4	26.8	48.9	22.6	186.7	156.4		<	2
ERM 2007	BHS301	3.4-3.6	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS302	2.8-3.0	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.14	0.1	0.1	0.1	0.1	0.1			0.1
	BHS303	0.7-1.0	MG															0.013					
	BHS303	1.8-2.0	GT		0.1	0.1	0.21	0.72	0.59	0.71	0.4	0.28	0.53	0.1	1.1	0.1	0.29	0.16	0.61	1.1			0.1
	BHS304	0.9-1.3	MG															0.013					
	BHS304	3.8-4.0	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS305	0.75-0.9	MG															0.013					
	BHS305	1.0-1.4	MG															0.013					
	BHS305	2.8-3.0	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS307	2.7-3.0	GT															0.013					
	BHS307	3.8-4.0	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS308	1.0-1.5	MG															0.013					
	BHS308	2.8-3.0	GT		0.1	0.1	0.1	0.15	0.1	0.14	0.1	0.1	0.1	0.1	0.17	0.1	0.1	0.1	0.15	0.15			0.1
	BHS309	0.6-1.0	MG															0.013					
	BHS309	2.8-3.0	GT		0.1	0.1	0.1	0.21	0.1	0.12	0.1	0.12	0.25	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS310	0.2-0.8	MG		0.1	0.1	0.1	0.18	0.1	0.1	0.1	0.1	0.21	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS311	1.8-2.2	MG															0.013					
	BHS311	3.6-4.0	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS312	0.5-0.7	MG															0.013					
	BHS312	2.8-3.0	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS313	0.8-1.0	MG		0.1	0.1	0.1	0.17	0.1	0.16	0.1	0.1	0.18	0.1	0.33	0.1	0.1	0.1	0.23	0.31			0.1
	BHS313	2.55-2.6	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS314	0.2-0.4	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS314	2.5-3.0	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS315	0.3-0.5	MG		0.1	0.22	0.3	0.96	0.84	1	0.56	0.48	0.97	0.16	2.4	0.14	0.47	0.19	1.7	2			0.1
	BHS316	0.80-1.00	MG		0.1	0.58	0.67	1.7	1.4	1.9	0.8	0.6	1.6	0.25	4	0.38	0.67	1.7	4.2	3.7			0.1
	BHS316	1.30-1.40	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS317	0.3-0.6	MG		0.1	0.39	0.63	2	1.8	2.4	1.1	1.3	2.1	0.21	4.1	0.24	0.94	0.7	2.8	3.9			0.1
	BHS317	2.4-2.6	MG		0.1	0.1	0.1	0.2	0.2	0.39	0.2	0.1	0.21	0.1	0.39	0.1	0.16	0.47	0.34	0.36			0.1
	BHS317	3.1-3.15	MG		0.1	0.32	0.22	0.33	0.2	0.32	0.14	0.16	0.38	0.1	0.65	0.21	0.1	0.49	0.8	0.65			0.1
	BHS318	2.-2.4	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS318	2.45-2.5	GT															0.013					
	BHS319	0.6-0.8	MG															0.013					
	BHS319	0.8-1.0	MG		220	3300	2000	250	71	90	50	50	200	50	1600	2500	50	14000	6400	1200		50	3500
	BHS319	2.8-3.0	GT		2	43	26	4	1	1.6	1	1	3.2	1	26	28	1	370	120	20		1	130
	BHS320	0.3-0.6	MG		0.1	0.18	0.4	1.1	0.85	1.1	0.52	0.42	1.1	0.1	2.8	0.14	0.39	0.29	1.5	2.6			0.1
	BHS321	0.25-0.5	MG		0.1	0.1	0.1	0.1	0.1	1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1
	BHS321	2.8-3	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.18	0.1			0.1
	BHS322	1.50-1.70	MG		31	540	150	34	10	15	10	10	28	10	240	390	10	5400	980	190		10	1500
	BHS323	2-2.8	MG		1.1	52	12	7.7	5.8	7.2	3.3	2.3	8.4	0.92	34	29	2.5	6.9	62	30		0.5	0.5
	BHS323	3.8-4	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1
	BHS324	2.0-3.0	MG		0.1	2.2	0.36	0.43	0.19	0.28	0.1	0.21	0.49	0.1	0.92	0.76	0.7	2.7	1.1	0.81		0.1	0.45
	BHS325	0.6-0.8	MG		0.1	0.69	2.4	3.6	3.1	4.4	1.8	1.4	3.4	0.37	8.7	0.45	1.7	0.52	6.5	7.9		0.1	0.38
	BHS325	2.4-2.6	MG		0.5	0.5	1.6	1.6	0.5	0.65	0.5	0.5	1.4	0.5	5.8	0.5	0.5	4.9	3.3	4.4		0.5	0.5
	BHS326	0.2-0.80	MG															0.013					
	BHS326	3.80-4.00	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1
	BHS327	0.4-0.6	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1
	BHS327	2.8-3.0	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1
	BHS328	0.80-1.00	MG		0.1	0.1	0.1	0.22	0.18	0.23	0.1	0.1	0.24	0.1	0.42	0.1	0.1	0.1	0.33	0.41		0.1	0.1
	BHS329	0.40-0.60	MG		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		0.5	0.5
	BHS329	1.0-1.2	GT															0.013					
	BHS330	1.00-1.10	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1
	BHS331	0.20-0.40	MG		0.1	1	0.71	1.8	1.7	2.1	1.1	0.76	2	0.23	4.9	0.67	0.85	0.86	5.2	4.9		0.1	0.43
	BHS332	0.30-0.50	MG		0.1	0.1	0.1	0.96	0.84	1	0.56	0.48	0.97	0.16	2.4	0.14	0.47	0.45	1.7	2		0.1	0.1
	BHS332	1.80-2.00	MG		0.5	19	24	1.7	1.9	0.8	0.6	1.6	0.25	4	0.38	0.67	1.7	4.2	3.7	0.1		0.5	3.3
	BHS333	0.30-0.50	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.38
	BHS334	0.95-1.00	MG		0.1	1.3	2.1	4.7	3.9	4.2	2.1	1.8	4.2	0.67	9	1.3	1.6	3.3	9.9	9.8		0.1	1.7
	BHS335	0.60-0.80	MG		0.1	0.1	0.1	0.5	0.46	0.49	0.27	0.19	0.56	0.1	1	0.1	0.2	0.26	0.87	1.1		0.1	0.1

Screened Soil Results - PAHs

Report Source	Exploratory Hole	Depth (metres)	Strata	Determinand	Maximum Acenaphthylene	Maximum Acenphthene	Maximum Anthracene	Maximum Benzo(a)anthracene	Maximum Benzo(a)pyrene	Maximum Benzo(b)fluoranthene	Maximum Benzo(g,h,i)perylene	Maximum Benzo(k)fluoranthene	Maximum Chrysene	Maximum Dibenzo(a,h)anthracene	Maximum Fluoranthene	Maximum Fluorene	Maximum Indeno(1,2,3-cd)pyrene	Maximum Naphthalene	Maximum Phenanthrene	Maximum Pyrene	PAH Total		2 Chloranaphthalene		2 Methylnaphthalene
				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/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg
	TSV				3860	23900	120000	67.1	6.94	68.7	660	140	140	7.08	16000	16000	62	1100	970	12000			22		
	BHS335	1.40-1.50	MG		0.1	0.1	0.1	0.21	0.19	0.24	0.1	0.1	0.21	0.1	0.35	0.1	0.1	0.1	0.36	0.46			0.1		0.1
	BHS335	2.80-3.00	GT																				0.1		0.1
	BHI201	1.0-1.2	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1					
	BHI201	6.8-7.0	GT															0.013					0.1		0.1
	BHI202	1.9-2.0	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1		0.1
	BHI203	2.1-2.25	GT															0.013							
	BHI204	1.0-1.5	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1		0.1
	BHI205	2.8-3.0	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1		0.1
	BHI206	1.6-2.1	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1		0.1
	BHI206	3.0-3.5	GT		0.1	0.1	0.1	2.9	2.6	2.9	1.3	1.2	2.6	0.36	8	3.1	1.1	0.68	11	7.7			0.1		0.18
	BHI207	3.5-3.8	GT															0.013					0.1		0.1
	BHI208	4.0-4.2	GT		0.1	3.2	0.67	0.24	0.17	0.23	0.1	0.1	0.22	0.1	1.1	1.9	0.1	0.6	2.5	0.98			0.1		0.1
	BHI209	0.60-1.00	MG		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1		0.1
	BHI209	3.90-4.00	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1		0.1
	BHD103	2.20-2.30	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1					
	BHD103	5.5-5.6	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.1		0.1
	BHD103	8.2-8.4	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1					
	BHD103	10.5-10.6	GT		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1					
ERM 2008	BH1	3.8-4.0			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		<	0.1	<	0.1
	BH3	1.5-1.7																0.013							
	BH6	0.4-0.5			0.1	0.17	0.32	0.93	1.1	0.88	0.65	0.73	1.1	0.19	1.9	0.12	0.61	0.39	1.1	2.3		<	0.1		0.35
	BH6	3.5-3.7			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		<	0.1	<	0.1
	M1	1.7			0.1	2.5	2.6	6	4.8	3.9	2.5	3.6	6.5	0.58	14	1.9	2	0.77	13	14		<	0.1		0.75
	TP1A	1.4-1.5			0.1	0.1	0.1	0.77	0.73	0.76	0.67	0.49	1	0.26	1.5	0.1	0.57	0.1	1.2	1.5		<	0.1	<	0.1
	TP1A	1.7-1.8			0.1	0.1	0.1	0.16	0.48	0.54	0.52	0.31	0.14	0.59	0.1	0.1	0.6	0.1	0.1	0.1		<	0.1	<	0.1
	TP2	2-2.2			0.1	0.32	0.39	1	0.97	0.81	0.77	0.63	1.1	0.36	2.1	0.25	0.69	1	2	2.1		<	0.1	<	0.1
	TP2	3.8-3.9			0.1	0.1	0.19	0.37	0.32	0.27	0.36	0.2	0.4	0.22	0.8	0.1	0.31	0.1	0.6	0.81		<	0.1	<	0.1
	TP3	3-3.1			0.1	0.58	0.58	1.1	0.92	0.79	0.67	0.6	1.2	0.37	2.6	0.43	0.55	0.68	2.3	0.1		<	0.1		0.48
	TP3	3.9-4.0			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		<	0.1	<	0.1
	TP4	0.9-1.0																0.013							
	TP4	3.9-4																0.013							
	TP5	1.9-2			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		<	0.1	<	0.1
	TP5	3.9-4			0.1	0.1	0.1	0.1	0.1	0.1	0.23	0.1	0.1	0.1	0.1	0.1	0.17	0.21	0.1	0.1		<	0.1	<	0.1
	TP6	4.1-4.2																0.013							
	TP7	2.9-3.0			0.1	0.21	0.49	1.9	1.6	1.5	0.9	1.9	2.3	0.1	4.5	0.1	0.77	0.1	1.5	4.1		<	0.1	<	0.1
	TP7	3.9-4.0			0.1	0.28	0.76	1.5	1	1	0.43	1	1.3	0.1	5.4	0.48	0.49	0.28	1.5			<	0.1		0.25
	TP8	0.9-1.																0.013							
	TP9A	0.4-0.5																0.013							
	TP9A	1.9-2.0			0.1	2.4	4	7.5	6.6	4.9	2.9	5.3	7.7	0.1	19	1.7	2.9	0.57	16	17		<	0.1		0.44
	TP10	0.9-1.0			0.21	0.15	0.54	3	2.7	2.3	1.5	2.5	3.3	0.1	7.6	0.1	1.4	0.49	4.1	7.3		<	0.1		0.37
	TP10	2.4-2.5			0.1	0.1	0.1	0.62	0.44	0.49	0.37	0.5	0.64	0.22	0.54	0.1	0.28	0.36	0.52	0.55		<	0.1	<	0.1
	TP12	0.9-1.0			0.1	0.32	0.87	4.6	5.2	4.5	3.5	3.4	4.9	1.3	8.2	0.44	3.5	1.3	4.4	8.5		<	0.1		0.59
	TP12	2.4-2.5			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		<	0.1	<	0.1
	TP15	0.9-1.0			0.1	0.28	0.68	2.2	2	1.7	1.4	1.4	2.3	0.55	4.6	0.27	1.3	1.9	3.5	4.1			0.17		2.1
	TP16	2.5-2.6			0.1	0.47	0.69	2.1	2	1.5	1.2	1.2	2	0.59	4.3	0.3	1.2	0.76	3.5	4		<	0.1		0.78
	TP16	3.7-3.8			0.1	0.94	2	5.6	5.2	4.2	3.2	3.2	5.8	1.2	1.1	0.8	3	0.57	9.7	1		<	0.1		0.49
	TP17	1.3-1.5			0.1	0.1	0.1	0.13	0.33	0.47	0.48	0.45	0.3	0.31	0.39	0.69	0.1	0.42	0.1	0.42		<	0.1	<	0.1
	TP17	3.6-3.7			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		<	0.1	<	0.1
	TP18	3.4-3.5			0.39	1.17	3.83	7.63	7.95	5.43	3.61	5030	8.3	0.96	15.8	1390	3.35	1.05	18	15.7		<	0.2		0.84
	BH401	0.50			0.155	0.588	2.68	5.3	3.65	3.09	3.55	2470	6.61	0.405	9.56	430	3.48	0.896	5.49	9.17	55.6	<	0.1		0.472
	BH401	1.50			0.04	0.31	1.77	2.32	1.39	2.12	2.12	1.61	3.66	0.24	4.78	0.11	0.81	0.51	2.48	4.7	29				
	BH401	2.00			0.1	0.92	3.57	5.79	3.08	4.04	2.94	3.36	8.41	0.51	11.1	0.69	3.08	2.83	6.81	10.5	67.7				
	BH402	0.50			0.214	15.8	1.36	1.18	1.35	0.83	0.67	508	2.08	0.14	2.98	5110	0.51	3.26	4.66	2.59	19.7	<	0.1		5.2
	BH403	0.50			0.09	0.21	0.67	0.01	0.01	0.01	0.01	0.01	1.22	0.01	0.63	0.16	0.01	3.8	1.44	0.81	9.02				
	BH404	0.90			0.01	0.01	0.03	0.04	0.01	0.08	0.03	0.04	0.1	0.01	0.05	0.01	0.01	0.01	0.01	0.08	0.44				
	BH405A	0.40			0.1	3	5.45	5.89	4.3	3.36	2.36	3.33	7.02	0.44	13	0.92	2.88	2.08	10.3	11	75.4				
	BH405A	0.80			0.1	0.27	0.61	0.42	0.31	0.45	0.2	136	0.93	0.1	1.63	100	0.1	0.19	1.29	1.38	8.29	<	0.1	<	0.1
	BH406	0.25			0.1	0.73	6.21	5.92	2.79	3.84	3.31	996	8.84	0.17	18.6	100	3.04	0.14	13.7	13.9	85	<	0.1		0.167
	BH406	0.50			0.01	0.08	0.63	0.67	0.08	0.27	0.13	0.35	0.62	0.03	1.12	0.01	0.16	0.01	1.09	0.84	6.07				
	BH407	0.40			13.7	59	154	418	257	347	130	108	322	22.4	860	82.4	137	10.5	585	834	4340				
	BH408	0.50			0.11	0.45	2.69	5.48	4.88	2.66	2.69	4.31	9.45	0.11	15.2	1.44	2.1	6.36	13.2	11.9	83.1				
	BH411	3.80			0.01	0.01	0.11	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06	0.01	0.01	0.01	0.13	0.08	0.38				
	BH411	6.30			0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.129	0.1	0.206	100	0.1	0.1	0.202	0.21	0.09	<	0.1	<	0.1
	BH412	1.00			13.6	11.6	48.4	192	128	164	45.8	57.7	132	11.7	304	14.4	54.1	17.5	113	324	1630				
	BH413	0.60			0.01	0.01	0.01	0.03	0.05	0.03	0.02	0.02	0.05	0.01	0.06	0.01	0.04	0.01	0.05	0.06	0.39				
	BH413	2.00			0.01	0.5	0.52	1.33	1.28	0.81	0.46	0.86	2.21	0.14	3.11	0.35	0.68	1.95	2.54	2.87	19.6				
	BH414	0.50			0.02	0.21	1.72	0.6	0.78	0.45	0.44	0.39	1.1	0.12	1.16	0.25	0.44	0.34	1.14	1.02	10.2				
	BH414	2.00			0.1	0.2	0.53	1.56	2.59	1.54	1.93	930	2.78	0.2	2.91	100	1.53	1.01	2.74	2.65	22.3	<	0.1		0.137
	BH415	1.80			0.03	0.29	1.11	1.97	0.63	1.5	1.23	1.12	2.78	0.01	4.13	0.57	0.88	6.2	2.43	3.73	28.6				
	BH416	0.70			0.21	6.83	1.32	3.32	4.13	1.66	2.15	2.05	5.71	0.04	6.95	1.71	1.4	0.54	6.34	7.06	51.5				
	BH424	0.40			0.08	9.01	0.66	0.3	0.27	0.16	0.12	0.2	0.91	0.02	1.34	2.75	0.09	1.72	2.19	0.95	20.8				
	SP402	0.20			0.01	0.04	0.11	0.38	0.54	0.31	0.33	0.31	0.63	0.01	0.76	0.03	0.28	0.05	0.35	0.64	4.75				
	SP403				0.01	0.14	0.23	0.54	0.79	0.39	0.52	0.43	1.28	0.03	1.47	0.03	0.35	0.12	0.7	1.27	8.29				
	SP404				0.02	0.27	0.49	0.78	0.98	0.6	0.56	0.62	1.83	0.15	2.22	0.16	0.48	0.12	1.36	1.76	12.4				
	SP405				0.02	0.26	0.49	1.07	1.3	0.71	0.61	0.54	2.09	0.15	3.46	0.18	0.64	0.07	1.76	3	16.4				
	SP406				0.03	0.03	0.19	0.24	0.46	0.27	0.26	0.25	0.73	0.02	0.69	0.03	0.16	0.09	0.43	0.57	4.47				
	SP407				0.02	0.87	0.3	0.27	0.54	0.29	0.3	0.27	0.82	0.07	0.91	0.43	0.29	1.74	0.92	0.75	8.79				
	SP408				0.04	2.55	0.45	0.63	1.02	0.46	0.52	0.62	1.58	0.09	2.41	1.85	0.7	0.71	1.96	1.71	17.3				
	SP409				0.01	0.49	0.14	0.25	0.48	0.23	0.32	0.21	0.69	0.08	0.84	0.23	0.3	0.34	0.7	0.72	6.04				
	SP410				0.07	3.68	0.72	0.55	0.88	0.43	0.44	0.5	1.3	0.1	2	1.28	0.33	3.61	2.47	1.44	19.8				
	SP411				0.02	0.7	0.18	0.3	0.6	0.3	0.38	0.35	1.02	0.08	1.26	0.36	0.43	0.63	0.92	1.04	8.57				
	SP412				0.01	0.38	1.22	0.16	0.34	0.17	0.18	0.16	0.56	0.04	0.62	0.23	0.17	0.2	0.95	0.44	5.83				
	SP413				0.01	0.32	0.4	0.2	0.52	0.32	0.28	0.35	0.7	0.01	0.58	0.17	0.33	0.15	0.32	0.51	5.14				
	SP414				0.01	0.35	0.13	0.21	0.41	0.21	0.26	0.21	0.71	0.05	0.82	0.2	0.26	0.22	0.57	0.7	5.3				
	SP415				0.02	0.56	0.17	0.39	0.43	0.25	0.23	0.23	0.75	0.04	1.28	0.24	0.16	0.28	0.51	1.04	6.57				
	SP416				0.01	0.14	0.21	0.07	0.21	0.11	0.12	0.1	0.33	0.01	0.25	0.07	0.15	0.12	0.17	0.21	2.26				
	SP417				0.06	0.38	0.87	2.11	2.72	1.3	1.19	1.09	4.19	0.2	6.13	0.27	1.29	0.35	3.09	5.77	31				
	SP418				0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.02	0.15				
	SP419				0.03	0.24	0.41	1.02	1.65	0.81	0.88	0.8	2.5	0.19	3.06	0.16	0.96	0.21	1.5	2.97	17.4				
	SP420				0.35	0.4	1.75	1.71	1.74	0.77	0.76	0.89	3.33	0.18	5.55	0.81	0.94	0.14	5.43	4.69	29.4				
	SP421				0.07	0.78	0.95	1.48	2.15	1.05	0.95	1.01	2.8	0.2	4.18	0.53	0.95	0.37	3.96	4.24	25.7				
	SP422				0.06	0.85	1.87	2.47	2.88	1.36	1.3	1.62	4.56	0.25	7.85	0.86	1.62	0.48	7.05	6.8	41.9				
	SP423				0.01	0.04	0.31	0.18	0.31	0.2	0.2	0.19	0.39	0.01	0.52	0.01	0.21	0.08	0.24	0.46	3.34				
	TP401	0.60			0.08	2.42	4.54	12.1	12.4	6.8	5.16	5.56	17.9	1.32	26.9	1.61	4.18	0.95	16.9	23.4	142				
	TP401	1.20			0.01	0.01	0.02	0.06	0.04	0.04	0.04	0.02	0.06	0.01	0.08	0.01	0.04	0.01	0.1	0.06	0.55				
	TP402	0.50			0.01	0.22	0.36	1.18	1.48	0.62	0.76	0.4	2.09	0.07	1.89	0.13	0.78	0.15	1.48	2.02	13.6				
	TP402	0.75			0.1	0.1	0.1	0.291	0.325	0.191	0.1	0.237	0.367	0.1	0.642	0.1	0.1	0.1	0.643	0.749	0.48	<	0.1	<	0.1
	TP403	0.50			0.326	0.47	1.71	3.92	3.91	4.54	1.85	2.89	4.21	0.456	7.79	0.915	2.07	0.887	5.55	7.94	40.5	<	0.1		0.445
	TP403	1.50			0.01	0.07	0.06	0.09	0.1	0.26	0.01	0.04	0.19	0.01	0.28	0.04	0.01	0.01	0.2	0.23	1.58				
	TP404	0.50			0.09	2.62	3.71	6.66	9.09	11.2	2.74	2.64	11.7	0.86	14.3	2.03	3.81	0.6	11.4	15.5	98.9				
	TP405	1.20			1	2.77	4.75	11.2	13.5	13.2	7.2	9.57	15.6	1.41	24.2	4.24	5.69	3.54	18.1	24.8	133	<	1		2.1
	TP405A	1.40			0.44	5.49	8.61	21.1	18	24.2	6.12	6.32	29.9	1.87	47.7	5.21	8.4	0.81	41.7	47.4	273				
	TP405B	0.80			0.43	1.74	2.82	6.67	9.13	20.8	9.96	14.2	8.8	1.25	18	1.58	7.5	0.674	9.73	18.7	126	<	0.1		0.52
	TP405C	1.20			0.13	1	2.57	6.46	5.46	8.06	4.9	3.43	8.33	0.53	18.4	1.01	3.83	0.63	5.6	16.1	86.4				
	TP406	0.50			0.12	3.52	3.41	9.41	8.71	4.27	3.76	4.28	15.6	0.96	29.5	1.69	3.12	0.95	19.5	25.2	134				
	TP407	0.80			1.29	6.86	12.8	38.1	45.8	25.2	21.8	28.7	44.6	4.24	82.3	4.73	18.2	13.9	63.4	88.3	423	<	1		5.08
	TP407	1.60			0.01	0.05	0.08	0.17	0.21	0.14	0.16	0.12	0.31	0.01	0.35	0.04	0.21	0.08	0.4	0.3	2.61				
	TP408	0.40			0.04	0.85	0.77	1.63	1.94	1.04	0.87	0.91	2.53	0.24	3.82	0.53	0.66	1.08	3.96	3.93	24.8				
	TP409	0.60			0.02	0.22	0.27	1.13	1.39	0.82	0.86	0.55	1.96	0.08	1.8	0.11	0.65	0.15	1.2	1.72	12.9				
	TP410	0.70			0.79	65	27.3	15.1	5.58	4.11	1.27	3.25	18.4	0.36	122	110	1.77	4.21	371	79.5	830	<	0.2	<	0.2
	TP410	1.00			0.01	0.01	0.25	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.03	0.01	0.01	0.19	0.03	0.54				
	TP410	2.70			0.51	52.8	13.4	1.37	0.94	0.44	0.31	0.62	2.07	0.01	15.9	47.8	0.26	88	115	10.4	349				
	TP411	0.40			0.96	5.75	14.7	16	23.7	27.9	6.27	7.91	21.2	2.14	43.1	11.6	9.34	8.02	58.5	43.1	300	<	0.5		0.688
	TP412	0.60			1.03	2.15	6.69	9.76	12.6	9.41	6.08	7.98	11.7	1.15	26.2	2.25	4.95	2.1	21.3	24.2	129	<	0.5		1.54
	TP412	1.50			0.01	0.03	0.17	0.32	0.18	0.18	0.22	0.14	0.38	0.01	0.57	0.05	0.19	0.03	0.36	0.56	3.34				

Screened Soil Results - PAHs

Report Source	Exploratory Hole	Depth (metres)	Strata	Determinand	Maximum Acenaphthylene	Maximum Acenphthene	Maximum Anthracene	Maximum Benzo(a)anthracene	Maximum Benzo(a)pyrene	Maximum Benzo(b)fluoranthene	Maximum Benzo(g,h,i)perylene	Maximum Benzo(k)fluoranthene	Maximum Chrysene	Maximum Dibenzo(a,h)anthracene	Maximum Fluoranthene	Maximum Fluorene	Maximum Indeno(1,2,3-cd)pyrene	Maximum Napthalene	Maximum Phenanthrene	Maximum Pyrene	PAH Total		2 Chloranaphthalene		2 Methylnaphthalene
				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/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg
	TSV				3860	23900	120000	67.1	6.94	68.7	660	140	140	7.08	16000	16000	62	1100	970	12000			22		
	TP413	0.60			0.1	0.1	0.57	0.64	0.386	0.49	0.3	0.27	0.73	0.1	0.93	0.1	0.23	0.74	0.87	0.92	7.08	<	0.1		0.671
	TP414	0.80			0.12	2.24	3.69	8.03	9.11	4.52	3.46	5.85	12.6	0.94	21.4	1.14	3.99	0.37	13.4	17.2	108				
	TP415	0.50			0.06	0.13	0.3	0.74	1.15	0.69	0.6	0.78	1.67	0.1	1.61	0.1	0.55	0.07	1.11	1.6	11.3				
	TP415	1.50			0.06	0.44	0.6	1.17	1.63	1.04	0.79	0.88	2.43	0.21	2.96	0.24	0.74	0.26	2.81	2.88	19.1				
	TP417	0.70			0.16	1.77	4.94	6.21	6.94	3.92	2.93	3.07	9.88	0.76	13	1.48	2.43	0.88	10.8	13.2	82.4				
	TP418	0.50			0.1	0.1	0.1	0.1	0.119	0.1	0.1	0.1	0.128	0.1	0.219	0.1	0.1	0.1	0.152	0.231	0.15	<	0.1	<	0.1
	TP419	1.00			0.5	9.71	11.3	11.7	13.6	7.89	6.32	8.87	13	1.28	34.1	7.71	5.66	7.23	42.7	30.4	49.2	<	0.5		4.19
	TP419	3.60			0.1	0.16	0.1	0.14	0.1	0.1	0.1	0.1	0.13	0.1	0.17	0.15	0.1	0.1	0.23	0.19	1.55	<	0.1	<	0.1
	TP421	0.30			0.01	0.25	0.17	0.49	0.51	0.31	0.28	0.27	1.07	0.04	1.51	0.1	0.29	0.06	0.78	1.25	7.4				
	TP422	0.30			0.1	0.1	0.1	0.474	0.582	0.365	0.309	0.453	0.58	0.1	0.872	0.1	0.257	0.1	0.395	0.879	3.69	<	0.1	<	0.1
	TP423	0.30			0.03	0.71	0.31	0.43	0.57	0.34	0.36	0.34	0.91	0.02	1.01	0.37	0.39	0.15	1.1	0.89	7.91				
	TP424	0.70			0.03	0.14	0.19	0.43	0.54	0.34	0.4	0.4	0.85	0.01	0.86	0.1	0.25	0.14	0.78	0.73	6.18				
	BH424	2.00			0.01	0.09	0.18	0.69	0.97	0.48	0.46	0.52	1.38	0.04	1.42	0.04	0.24	0.07	0.57	1.32	8.46				
	TP425	0.40			0.04	0.02	0.17	0.48	0.46	0.34	0.27	0.34	1.01	0.01	0.67	0.02	0.17	0.15	0.64	0.75	5.54				
	TP426	1.30			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.31	0.137	0.1	0.58	<	0.1	<	0.1
	TP426	3.00			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.11	0.1	0.39	<	0.1	<	0.1
	TP427	0.50			0.01	0.03	0.07	0.12	0.12	0.07	0.07	0.08	0.23	0.01	0.2	0.01	0.02	0.44	0.36	0.16	1.99				
	TP427	1.80			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.49	<	0.1	<	0.1
	TP428	0.60			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.15	<	0.1	<	0.1
	TP428	2.20			0.1	0.1	0.12	0.47	0.41	0.22	0.19	0.326	0.81	0.1	0.69	0.1	0.12	0.1	0.44	0.566	4.28	<	0.1	<	0.1
	TP429	0.40			1	3.41	3.79	4.23	3.72	2.72	1.88	2.99	5.27	0.1	20.2	4.59	1.54	2.13	9.74	15.2	8.03		9.48	<	1
	TP429	1.60			0.2	8.1	16.2	4.81	3.7	2.04	1.19	2.1	8.62	0.39	35.8	17.7	1.02	2.66	10	23.8	138				
	TP430	2.10			0.03	1.95	0.52	0.95	1.24	0.64	0.47	0.65	2.12	0.08	2.91	0.86	0.33	2.43	2.67	2.35	20.2				
	TP430	2.50			0.05	4.49	0.05	0.02	0.01	0.01	0.02	0.01	0.08	0.01	0.05	1.12	0.01	0.27	0.21	0.05	6.4				
	TP431	0.80			0.01	0.01	0.12	0.12	0.01	0.1	0.07	0.02	0.08	0.01	0.14	0.04	0.01	0.08	0.23	0.13	1.16				
	TP431	1.90			0.1	0.34	0.62	2.6	1.18	1.64	1.32	1.02	2.06	0.31	3.43	0.19	1.09	0.19	1.67	3.38	21.1	<	0.1	<	0.1
	TP432	0.60			0.1	1.16	6.84	6.19	3.57	4.2	3.48	4.5	3.97	0.1	14.4	0.87	2.04	0.5	9.38	12.8	74	<	0.1	<	0.1
	TP432	3.00			0.01	0.01	0.08	0.04	0.01	0.01	0.01	0.01	0.05	0.01	0.06	0.01	0.01	0.01	0.12	0.13	0.48				
	TP433	0.40			0.01	0.01	0.1	0.15	0.13	0.39	0.03	0.11	0.36	0.03	0.15	0.01	0.01	0.07	0.11	0.39	2.02				
	TP433	1.00			0.1	4.1	1.63	0.77	1.05	1.32	0.79	0.9	2.37	0.18	2.67	1.69	0.9	1.71	3.35	3.34	26.8	<	0.1		0.196
	TP434	0.70			0.542	0.21	1.81	2.69	2.71	2.3	1.34	2.48	3.48	0.3	5.83	0.31	1.26	0.61	2.91	5.37	33.8	<	0.1		0.245
	TP435	0.60			0.01	0.12	0.09	0.27	0.11	0.22	0.22	0.28	0.47	0.01	0.65	0.01	0.08	0.08	0.07	0.63	3.29				
	TP436	0.50			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01				
	TP437	0.60			0.01	0.19	0.36	0.96	1.92	0.8	1.3	1.08	2.2	0.03	3.2	0.09	1.17	0.21	1.52	3.07	18.1				
	TP437	1.50			0.06	6.52	3.79	5.74	5.14	2.79	1.82	3.2	8.3	0.49	16.4	4.3	2.11	3.54	12.1	13.8	90.1	<	0.1		0.218
	TP438	0.40			0.1	0.1	0.1	0.229	0.302	0.3	0.132	0.199	0.307	0.1	0.392	0.1	0.19	0.1	0.275	0.421	1.8	<	0.1	<	0.1
	TP438	1.30			0.1	0.22	0.19	0.25	0.129	0.2	0.1	0.1	0.87	0.1	0.56	0.19	0.1	0.31	0.92	0.82	4.32	<	0.1		0.269
	TP438	2.00			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	<	0.01		
	TP440	0.50			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07				
	TP441	0.50			0.02	0.01	0.01	0.07	0.05	0.06	0.01	0.08	0.14	0.01	0.08	0.02	0.02	0.04	0.07	0.11	0.8				
	TP441	0.90			0.1	0.1	0.1	0.1	0.1	0.195	0.1	0.184	0.327	0.1	0.593	0.1	0.1	0.1	0.497	0.236	0.38	<	0.1	<	0.1
	TP442	1.40			1	10.6	19.7	39.8	31.5	51.7	13.6	23.7	54	2.77	109	21.2	17.7	1.37	63.8	85.3	527	<	1	<	1
	TP442	2.00			0.01	0.02	0.01	0.03	0.01	0.01	0.01	0.01	0.07	0.01	0.05	0.01	0.01	0.01	0.09	0.05	0.32				
	TP443	0.50			0.01	0.29	0.45	0.85	1.36	1.78	0.71	0.48	1.9	0.17	2.22	0.16	0.88	0.12	1.66	2.03	15.1				
	TP444	0.50			0.02	6.28	26.3	13.7	11.4	14.4	2.49	3.72	18.8	1.01	41.7	6.71	4.69	1.88	62.7	34.3	250				
	TP444	3.00			0.1	0.24	0.6	1.32	1.83	2.84	1.02	0.908	2.32	0.29	2.98	100	1.5	0.441	2.17	2.58	20.7	<	0.1		0.434
	TP445	1.50			0.221	0.423	2.07	5.24	5.95	4.38	3.13	3.88	5.45	0.609	11.5	0.429	2.73	1.75	7.5	10.9	21.2	<	0.1		1.52
	TP445	3.40			0.1	3.46	11.7	19.1	7.66	5.36	4.81	5.91	18.5	1.02	47.9	5.2	2.13	0.63	29.1	36.5	199				
	TP446	0.40			0.01	0.02	0.04	0.1	0.14	0.06	0.09	0.07	0.24	0.01	0.22	0.02	0.04	0.01	0.12	0.21	1.39				
	TP446	0.90			0.01	0.1	0.21	0.22	0.26	0.13	0.11	0.14	0.48	0.01	0.56	0.07	0.07	0.03	0.6	0.49	3.45				
	TP447	0.90			5.62	1.48	5.17	2.77	3.7	2.14	1.53	2.57	5.07	0.06	9.54	0.06	1.82	62.3	22	7.13	133				
	TP447	2.20			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.92	<	0.5	<	0.5
	TP448	0.80			1.23	32.1	12	5.48	4.77	3.18	2.46	3.39	6.74	0.5	24.4	34.2	1.96	1060	64	19.6		<	0.5		227
	TP448A	2.20			0.01	0.5	0.18	0.25	0.32	0.27	0.27	0.19	0.5	0.01	0.59	0.32	0.14	19.1	0.86	0.5	24				
	TP449	0.50			0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.07				
	TP449	0.60			0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.01	0.01	0.14				
	TP449	1.10			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.09	<	0.5	<	0.5
	TP449A	1.50			0.01	0.09	0.13	0.36	0.79	0.71	1.89	0.61	0.68	0.01	0.85	0.04	1.35	0.05	0.51	0.72	8.77				
	TP449B	1.00			0.01	0.04	0.01	0.02	0.02	0.07	0.01	0.06	0.04	0.01	0.04	0.02	0.01	1.3	0.11	0.02	1.76				
	TP450	0.90			0.01	0.13	0.95	0.96	0.73	0.63	0.18	0.71	1.32	0.04	2.4	0.01	0.21	0.11	0.58	2.12	11.1				
	TP451	1.30			0.5	1.07	3.04	0.91	0.5	0.74	0.5	0.86	1.24	0.5	4.02	0.85	0.5	2.34	8.22	2.6	26.1	<	0.5		1.2
	TP452	1.20			0.35	14.4	16.3	16.1	7.76	9.76	5.83	7.58	15.8	0.695	41.1	32.6	6.13	15.3	10.9	34	222	<	0.1		3.65
	TP453	0.60			0.56	21.7	2.83	3.84	3.81	2.23	1.52	1.72	6.74	0.42	13	4.23	1.39	9.23	4.71	10.5	88.4	<	0.1		0.386
	TP453	0.80			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.04	0.01	0.56				
	TP454	1.00			0.01	0.05	0.11	0.18	0.2	0.16	0.13	0.18	0.42	0.01	0.31	0.05	0.02	0.2	0.48	0.29	2.77				
	TP455	0.40			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.51	<	0.1	<	0.1
	TP455	1.20			0.1	3.87	3.53	2.4	0.68	1.01	0.67	0.71	2.2	0.1	7.88	4.53	0.36	1.87	9.63	6.41	46	<	0.1		2.33
	TP456	0.50			0.01	0.03	0.25	0.47	0.2	0.22	0.34	0.19	0.45	0.02	0.57	0.02	0.15	0.22	0.35	0.57	4.05				
	TP456	2.10			0.66	23.7	6.67	2.21	1.87	1.67	1.85	1.05	2.3	0.334	13.9	15	1.37	12.1	37.1	9.12	125	<	0.1		0.738
	TP456	2.90			0.01	0.11	0.16	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.09	0.1	0.01	0.09	0.26	0.06	0.92				
	TP457	0.70			0.01	0.08	0.24	0.34	0.19	0.25	0.23	0.16	0.44	0.01	0.63	0.03	0.08	0.15	0.35	0.62	3.81				
	TP457	1.50			0.01	0.01	0.01	0.01	0.01	0.05	0.01	0.01	0.03	0.01	0.05	0.01	0.01	0.01	0.02	0.06	0.23				
	TP458	0.40			0.04	0.22	0.26	0.7	1.32	2.67	0.39	0.88	1.51	0.08	1.88	0.13	0.62	2.07	1.71	1.77	16.2				
	TP458	0.80			0.01	0.04	0.56	0.33	0.52	1.14	0.26	0.26	1.16	0.01	0.8	0.01	0.4	0.06	0.41	0.57	6.52				
	TP458	2.00			0.02	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.01	0.02	0.02	0.01	0.01	0.03	0.02	0.21				
	TP459	0.40			1	2.11	4.49	13.5	13.2	14.3	6.71	11.5	16.2	1.37	34	1.42	5.82	1	21.8	30.2	123	<	1	<	1
	TP460	0.50			0.02	0.03	0.15	0.21	0.67	0.23	0.59	0.31	0.72	0.1	0.72	0.03	0.5	0.15	0.54	0.65	5.63				
	TP463	1.20			0.2	1.5	1.16	1.79	2.26	1.46	1.28	1.46	3.06	0.2	5.88	0.77	1.11	0.678	6.74	4.13	33.2	<	0.2		0.424
	TP463	2.30			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.04	0.01	0.01	0.01	0.04	0.02	0.16				
	TP464	0.50			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.03	<	0.1	<	0.1
	TP464	2.00			90.9	274	136	65.1	47.1	27.6	15.8	33.5	59.6	4.22	246	274	15.7	1570	816	187	0.01	<	0.1	<	0.1
	TP464	2.50			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		<	0.5		108
	TP465	1.30			13.6	583	219	168	78.8	69.6	35.7	75.9	180	6.95	694	546	20.5	148	1730	552	5120				
	TP466	0.90			0.15	5.4	10.6	27.4	17.9	19.9	12.8	18	40.2	3.2	91.8	3.4	5.83	5.79	46.1	82.4	391				
	TP466	1.30			0.1	0.19	0.217	0.1	0.1	0.1	0.1	0.1	0.23	0.1	0.489	0.431	0.1	0.139	0.912	0.368	1.13	<	0.1	<	0.1

Screened Soil Results - PAHs

Report Source	Exploratory Hole	Depth (metres)	Strata	Determinand	Maximum Acenaphthylene	Maximum Acenphthene	Maximum Anthracene	Maximum Benzo(a)anthracene	Maximum Benzo(a)pyrene	Maximum Benzo(b)fluoranthene	Maximum Benzo(g,h,i)perylene	Maximum Benzo(k)fluoranthene	Maximum Chrysene	Maximum Dibenzo(a,h)anthracene	Maximum Fluoranthene	Maximum Fluorene	Maximum Indeno(1,2,3-cd)pyrene	Maximum Naphthalene	Maximum Phenanthrene	Maximum Pyrene	PAH Total		2 Chloronaphthalene		2 Methylnaphthalene
				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/kg	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg
TSV					3860	23900	120000	67.1	6.94	68.7	660	140	140	7.08	16000	16000	62	1100	970	12000			22		
	TP466	2.00			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.01	0.01	0.05				
	TP467	0.50			0.14	1.19	1.62	5.46	6.07	3.21	2.65	2.55	10.1	0.64	11.6	0.87	1.8	1.05	7.57	12.1	68.6				
	TP468	1.20			0.29	0.33	2.2	14.5	11.7	9.01	3.69	7.29	22.9	0.8	32.4	0.32	6.59	0.16	11.4	23.9	147	<	0.1	<	0.1
	TP469	0.50			0.05	0.73	0.51	0.67	1.11	0.74	0.85	0.79	2.05	0.14	1.82	0.52	0.59	0.45	2.27	1.56	14.8				
	TP469	1.20			0.03	0.12	0.2	1.36	1.4	0.89	0.68	0.77	2.28	0.08	1.92	0.05	0.6	0.2	0.8	1.79	13.2				
	TP469	0.80			0.01	0.86	0.2	0.43	0.7	0.4	0.36	0.3	0.95	0.01	1.47	0.41	0.36	0.44	1.21	1.22	9.34				
	TP470	1.40			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	33.4	1.67	0.1		<	0.5		6.08
	TP470	3.30			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.97	0.159	0.1		<	0.1		0.383
	TP472	1.00			0.2	0.636	0.696	2	2.44	1.63	0.911	1.46	2.49	0.2	4.38	0.823	0.817	2.02	2.33	3.52	16.2	<	0.2		0.408
	TP473	2.00			0.256	18.6	6.32	2.25	0.44	0.408	0.1	0.432	2.41	0.1	31.9	10.9	0.1	3	94.6	25.1		<	0.1		1.64
	TP474A	1.00			0.01	0.36	0.33	1.24	1.52	0.96	0.73	0.89	2.02	0.17	2.71	0.25	0.56	1.93	1.45	2.63	17.7				
	TP477	2.00			0.01	0.16	0.68	0.79	0.42	0.51	0.33	0.37	1.03	0.01	1.6	0.01	0.25	0.98	1.12	1.24	9.47				
	TP480	0.70			0.06	0.98	3.07	6.91	3.45	4.09	4.1	2.62	6.76	0.23	12	0.61	1.69	1.42	6.51	10.2	64.7				
	TP483	0.80			0.01	0.08	0.43	0.64	0.23	0.47	0.7	0.44	0.76	0.01	1.25	0.03	0.34	0.17	0.56	1.07	7.17				
	TP483	2.00			0.5	12.2	24.4	63.4	34.3	27.2	19.5	25	55.4	2.26	141	11.3	12.8	13.7	68	121	631				
	TP485	1.40			1.47	9.94	18.5	21.2	19.2	9.06	5.12	9.32	29.4	1.7	60.6	16.9	7.11	16.7	69.1	54	349				
	TP485	2.20			2	2.84	2.2	4.58	3.62	2	2	2	5.46	2	8.42	2	2.35	4.87	15.5	8.16	65	<	0.2	<	0.2
	TP486	0.80			0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.03	0.02	0.09				
	TP486	1.40			0.01	0.03	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.04	0.03	0.07	0.01	0.26				
	TP488	2.20			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.328	0.12	0.1		<	0.1	<	0.1
	TT401	0.80			0.5	1.44	4.17	14	18.2	11.4	9.16	11.9	16.4	1.98	28.6	1.07	8.2	1.23	16	29.2	59	<	0.5		1.12
	TT402	1.00			0.04	1.98	1.61	2.27	2.8	1.55	1.35	1.62	3.89	0.36	6.28	1.32	1.05	0.55	8.2	5.86	40.8				
	TT402	2.00			0.01	0.15	0.13	0.19	0.31	0.19	0.16	0.16	0.47	0.01	0.44	0.09	0.13	0.15	0.51	0.43	3.49				
	TT403	0.80			0.03	0.27	0.51	1.56	1.86	1.11	1.27	1.04	3.15	0.23	3.02	0.15	0.7	0.41	2.1	2.92	20.3				
	TT403	2.00			0.2	0.481	1.43	4.29	4.94	3.52	2.79	3.47	4.95	0.583	11.3	0.284	2.46	0.754	8.49	10.3	36.3	<	0.2		0.389
	TT403	3.60			0.05	0.26	0.23	0.33	0.27	0.17	0.15	0.14	0.53	0.01	0.62	0.29	0.03	1.08	1.04	0.62	5.78				
	TT404	0.10			0.01	0.02	0.04	0.16	0.15	0.15	0.14	0.12	0.31	0.01	0.25	0.01	0.07	0.02	0.18	0.24	1.85				
	TT404	0.60			0.1	0.1	0.1	2.44	4.15	0.1	0.1	0.1	2.34	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.09	<	0.1	<	0.1
	TT404	1.20			0.05	0.29	1.01	3.36	3.24	2.27	1.29	1.77	6.5	0.34	9.01	0.18	1.27	0.3	5.64	7.12	43.7				
	TT405	0.60			0.73	39.3	49.3	124	85.2	50	45.1	52.5	137	10.2	274	28.8	42.9	16.3	211	225	1390				
	TT405	0.80			0.1	0.255	0.687	2.86	2.45	2.18	1.38	2.2	4.35	0.38	7.2	0.176	1.21	0.266	4.97	6.11	24.5	<	0.1		0.321
	TT406	0.40			0.1	0.55	0.84	1.24	1.25	0.87	0.712	0.949	2.57	0.146	4.26	0.78	0.596	1.24	4.45	3.08	22.6	<	0.1		0.767
	TT406	1.20			0.01	0.14	0.33	1.1	1.16	0.6	0.62	0.59	2.14	0.05	1.76	0.2	0.59	0.3	0.81	1.62	12				
	TT406	1.00			0.01	0.21	0.33	0.49	0.59	0.29	0.32	0.28	0.87	0.02	1	0.31	0.15	0.11	0.98	0.86	6.84				
	WS401	0.80			0.06	1.07	3.54	5.97	6.11	2.57	4.65	3.12	6.03	0.47	12.6	0.64	2.34	1.53	8.3	10.9	69.9				
	WS401	2.70			0.01	0.33	0.72	0.14	0.01	0.16	0.01	0.09	0.46	0.01	0.69	0.07	0.01	0.08	0.74	0.51	3.99				
	WS403	0.40			0.01	0.13	0.61	0.48	0.1	0.38	0.24	0.46	1.04	0.02	1.31	0.02	0.38	0.07	0.53	1.16	6.93				
	WS403	2.00			0.01	0.12	0.89	0.55	0.26	0.36	0.01	0.47	1.21	0.01	1.43	0.01	0.01	0.45	1.25	1.38	8.43				
	WS404	0.25			0.06	1.3	1.75	3.69	5.4	2.15	2.61	3.6	6.93	0.19	9.96	0.77	2.09	0.85	6.96	8.7	57				
	WS405	1.00			0.01	0.09	0.83	0.66	0.32	0.61	0.81	0.77	1.76	0.01	2.68	0.01	0.14	0.01	1.87	2.21	12.8				
	WS409	0.75			0.01	0.01	0.01	0.04	0.09	0.06	0.1	0.06	0.1	0.01	0.09	0.01	0.01	0.02	0.07	0.07	0.7				
	BH411	0.90			0.05	3.79	9.5	7.81	5.8	3.29	3.1	2.74	9.12	0.12	22.1	2.38	1.37	8.35	30.3	20.9	131				
Minimum					0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.1		0.042
Maximum					220	3300	2000	418	257	347	130	5030	322	50	1600	5110	137	14000	6400	1200	5120		50		3500
Average					1.48	17.58	10.63	6.75	4.69	4.90	2.47	34.55	6.82	0.70	20.55	37.56	2.34	68.24	41.81	17.36	112.38		0.65		33.75
Number of Samples					309	316	321	323	320	320	320	320	325	314	327	317	320	341	326	327	197		150		166
No. > TSV					0	0	0	6	34	5	0	5	3	5	0	0	1	3	3	0	0		1		0
% > TSV					0.00	0.00	0.00	1.86	10.63	1.56	0.00	1.56	0.92	1.59	0.00	0.00	0.31	0.88	0.92	0.00	0.00		0.67		0.00

Indicates samples exceeding TSV

TSV Source

- EA TSV
- EIC/AGS/CLAIRE
- LQM/CIEH
- WYG Screening Value
- Atrisk Values

Screened Soils - PCBs

| | | | | Non Dioxin-like PCBs | | | |

Screened Soil Results - SVOCs a VOCs part 1

Report Source	Exploratory Hole	Depth (metres)	Strata	1.1-Dichloropropene	1.1.1-Trichloroethane	1.1.1.2-Tetrachloroethane	1.1.2-Trichloroethane	1.1.2.2-Tetrachloroethane	1.1-Dichloroethane	1.1-Dichloroethene	1.2-Dibromo-3-chloropropane	1.2-Dibromoethane	1.2 Dichlorobenzene	1.2-Dichloropropane	1.2.3 Trichloroethane	1.2.3-Trichlorobenzene	1.2.3-Trichloropropane	1.2.4-Trichlorobenzene	1.2.4-Trimethylbenzene	1.2-Dichloroethane	1.3-Dichlorobenzene	1.3.5-Trimethylbenzene	1.3-Dichloropropane	1,4-Dichlorobenzene	1 napthol	2 Isopropylphenol	2-Chlorophenol	2-Chlorotoluene	2-Methyl-4,6-Dinitrophenol
				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/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/kg
			TSV	100	3100	590	3.9	1200	7.7	0.82	100	100	91	0.85	100	6.1	100	11	2.3	1.8	1.7	100	100	167	100	100	4.4	100	100
Aspinwalls 1995	A1	1.00	MG	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.005			0.005	0.005	0.005		0.005	0.005	0.005	0.005			0.005	0.005	0.005
	A2	0.60	MG	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.005			0.005	0.005	0.005		0.005	0.005	0.005	0.005			0.005	0.005	0.005
	A3	1.00	MG	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.005			0.005	0.005	0.005		0.005	0.005	0.005	0.005			0.005	0.005	0.005
	A4	1.00	MG	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.005			0.005	0.005	0.005		0.005	0.005	0.005	0.005			0.005	0.005	0.005
	CC3	0.65	MG	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.005			0.005	0.005	0.005		0.005	0.005	0.005	0.005			0.005	0.005	0.005
	CC8	2.1	MG	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.005			0.005	0.005	0.005		0.005	0.005	0.005	0.005			0.005	0.005	0.005
	CC9	0.5	MG	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.005			0.005	0.005	0.005		0.005	0.005	0.005	0.005			0.005	0.005	0.005
	CC21	2.1	MG	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.005			0.005	0.005	0.005		0.005	0.005	0.005	0.005			0.005	0.005	0.005
	CC23	3.4	MG	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.005			0.005	0.005	0.025		0.005	0.005	0.005	0.005			0.005	0.005	0.005
URS 2006	BH102	1	MG										0.352																
	BH102	1.3	MG										0.211						0.507										
	BH103	1.9	MG																0.005										
	BH104	2.8	MG										0.135								0.024			0.011				0.016	
	BH106	0.8	MG										0.203																
	BH107	1.3	MG										1.390																
	BH107	2.0	MG										1.329																
	BH113	2.25	MG																0.014			0.002		1.339					
	BH114	3.2	MG										0.023					0.025	0.174			0.030						0.069	
	BH115	2.3	MG																0.012			0.007							
	BH116	0.5	MG																								0.033		
	BH118	1.2	MG																0.021			0.007							
	BH119	1.45	MG																0.087			0.023							
	TP206	2.0	MG										1.843						0.014		0.011	0.008		0.846			1.003	0.452	
	TP209	2.0	MG																0.079			0.054							
Capita Symonds	TP09	2.6	MG										0.100								0.100		0.100				0.100		1.000
	WS03	1.3	MG										0.100								0.100		0.100	0.100			0.100		1.000
	WS04	1.95	NG										0.100								0.100		0.100	0.100			0.100		1.000
	WS06B	1.9	MG										2.000								2.000		2.000	2.000			2.000		20.000
	BHS301	3.4-3.6	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS302	2.8-3.0	mg	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.006	0.009	0.005	0.006	0.008	0.007	0.005			0.100	0.009	
	BHS303	0.7-1.0	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100				0.009	
	BHS303	1.8-2.0	Till	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.006	0.009	0.005	0.006	0.008	0.007	0.005			0.100	0.009	
	BHS304	0.9-1.3	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100				0.009	
	BHS304	3.8-4.0	Till	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.006	0.009	0.005	0.006	0.008	0.007	0.005			0.100	0.009	
	BHS305	0.75-0.9	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.006	0.009	0.005	0.006	0.008	0.007	0.005				0.009	
	BHS305	1.0-1.4	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100				0.009	
	BHS305	2.8-3.0	Till										0.100														0.100		
	BHS307	2.7-3.0	Till	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100				0.009	
	BHS307	3.8-4.0	Till	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.006	0.009	0.005	0.006	0.008	0.007	0.005			0.100	0.009	
	BHS308	1.0-1.5	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.230	0.009	0.005	0.100	0.008	0.007	0.100				0.009	
	BHS308	2.8-3.0	Till	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.240	0.009	0.005	0.014	0.008	0.007	0.005	0.710	0.040	0.100	0.009	
	BHS309	0.6-1.0	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100				0.009	
	BHS309	2.8-3.0	Till	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS310	0.2-0.8	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.006	0.009	0.005	0.006	0.008	0.007	0.005			0.100	0.009	
	BHS311	1.8-2.2	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100				0.009	
	BHS312	0.5-0.7	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100				0.009	
	BHS312	2.8-3.0	MG										0.100					0.100			0.100			0.100			0.100		
	BHS313	0.8-1.0	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.091	
	BHS313	2.55-2.6	Till										0.100					0.100			0.100			0.100			0.100		
	BHS314	0.2-0.4	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BSH314	2.5-3.0	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS315	0.3-0.5	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS316	0.80-1.00	MG										0.100					0.100			0.100			0.100			0.100		

Screened Soil Results - SVOCs a VOCs part 1

Report Source	Exploratory Hole	Depth (metres)	Strata	1.1-Dichloropropene	1.1.1-Trichloroethane	1.1.1.2-Tetrachloroethane	1.1.2-Trichloroethane	1.1.2.2-Tetrachloroethane	1.1-Dichloroethane	1.1-Dichloroethene	1.2-Dibromo-3-chloropropane	1.2-Dibromoethane	1.2 Dichlorobenzene	1.2-Dichloropropane	1.2.3 Trichloroethane	1.2.3-Trichlorobenzene	1.2.3-Trichloropropane	1.2.4-Trichlorobenzene	1.2.4-Trimethylbenzene	1.2-Dichloroethane	1.3-Dichlorobenzene	1.3.5-Trimethylbenzene	1.3-Dichloropropane	1,4-Dichlorobenzene	1 napthol	2 Isopropylphenol	2-Chlorophenol	2-Chlorotoluene	2-Methyl-4,6-Dinitrophenol
				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/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/kg
			TSV	100	3100	590	3.9	1200	7.7	0.82	100	100	91	0.85	100	6.1	100	11	2.3	1.8	1.7	100	100	167	100	100	4.4	100	100
ERM 2007	BHS316	1.30-1.40	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS317	0.3-0.6	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS317	2.4-2.6	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS317	3.1-3.15	MG										0.100					0.100			0.100			0.100			0.100		
	BHS318	2.-2.4	MG										0.100												0.150	0.040	0.100		
	BHS318	2.45-2.5	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.006	0.009	0.005	0.006	0.008	0.007	0.005				0.009	
	BHS319	0.6-0.8	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	50.000	0.009	0.005	50.000	0.008	0.007	50.000				0.009	
	BHS319	0.8-1.0	MG										50.000					1.000			1.000			1.000	68.000	32.000	50.000		
	BHS319	2.8-3.0	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	1.000	0.012		0.011	0.017	0.100	0.740	0.005	0.100	0.310	0.010	0.100			1.000	0.010	
	BHS320	0.3-0.6	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100	0.150	0.040	0.100	0.009	
	BHS321	0.25-0.5	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100	0.150	0.040	0.100	0.009	
	BHS321	2.8-3	Till										0.100					10.000			10.000			10.000			0.100		
	BHS322	1.50-1.70	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	10.000	0.012		0.011	0.017	0.500	22.000	0.005	0.500	5.100	0.010	0.500			10.000	0.010	
	BHS323	2.-2.8	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.500	0.012		0.011	0.017	0.100	0.090	0.005	0.100	0.008	0.007	0.100	13.000	2.400	0.500	0.009	
	BHS323	3.8-4	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS324	2.0-3.0	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.990	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100	0.520	0.040	0.100	0.009	
	BHS325	0.6-0.8	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.500	0.009	0.005	0.500	0.008	0.007	1.300			0.100	0.009	
	BHS325	2.4-2.6	MG	0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	2.500	0.012		0.011	0.017	0.006	0.650	0.005	0.086	0.008	0.007	0.280			0.500	0.009	
	BHS326	0.20-0.80	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100				0.009	
	BHS326	3.80-4.00	Till										0.100					0.100			0.100			0.100			0.100		
	BHS327	0.4-0.6	MG										0.100					0.100			0.100			0.100			0.100		
	BHS327	2.8-3.0	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS328	0.80-1.0	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.500	0.009	0.005	0.500	0.008	0.007	0.500			0.100	0.009	
	BHS329	0.40-0.60	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.500	0.012		0.011	0.017	0.006	0.009	0.005	0.006	0.008	0.007	0.005			0.500	0.009	
	BHS329	1.00-1.20	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.029	0.012		0.011	0.017	0.100	0.018	0.005	0.100	0.008	0.007	0.100				0.009	
	BHS330	1.00-1.10	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS331	0.20-0.40	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS332	0.30-0.50	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS332	1.80-2.00	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.500	0.009	
	BHS333	0.30-0.50	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS334	0.95-1.00	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS335	0.60-0.80	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS335	1.40-1.50	MG										0.100					0.100			0.100			0.100			0.100		
	BHS335	2.80-3.00	Till										0.100														0.100		
	BHI201	1.0-1.2	MG															0.100			0.100			0.100	0.150	0.040			
	BHI201	6.8-7.0	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHI202	1.9-2.0	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.006	0.009	0.005	0.006	0.008	0.007	0.005			0.100	0.009	
	BHI203	2.10-2.25	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.012	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100				0.009	
	BHI204	1.0-1.5	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHI205	2.8-3.0	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHI206	0.6-1.0		0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.006	0.032	0.005	0.006	0.014	0.007	0.005			0.100	0.009	
	BHI206	1.6-2.1	MG																						0.150	0.040			
	BHI206	3.0-3.5	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHI207	3.5-3.8	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHI208	4.0-4.2	Till										0.100					0.100			0.100			0.100	240.000	230.000	0.100		
	BHI209	0.60-1.00	MG	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100	0.150	0.040	0.100	0.009	
	BHI209	3.90-4.00	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHD103	2.20-2.30	Till																						0.150	0.040			
	BHD103	5.5-5.6	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHS103	8.2-8.4	Till	0.011	0.007	0.010	0.001	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.011	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BHD103	10.5-10.6	Till															0.100			0.100			0.100					
	BH1	0.7-0.8																											
	BH1	3.8-4.0				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.009		0.100			0.100			0.009		

Screened Soil Results - SVOCs a VOCs part 1

Report Source	Exploratory Hole	Depth (metres)	Strata	1.1-Dichloropropene	1.1.1-Trichloroethane	1.1.1.2-Tetrachloroethane	1.1.2-Trichloroethane	1.1.2.2-Tetrachloroethane	1.1-Dichloroethane	1.1-Dichloroethene	1.2-Dibromo-3-chloropropane	1.2-Dibromoethane	1.2 Dichlorobenzene	1.2-Dichloropropane	1.2.3 Trichloroethane	1.2.3-Trichlorobenzene	1.2.3-Trichloropropane	1.2.4-Trichlorobenzene	1.2.4-Trimethylbenzene	1.2-Dichloroethane	1.3-Dichlorobenzene	1.3.5-Trimethylbenzene	1.3-Dichloropropane	1,4-Dichlorobenzene	1 napthol	2 Isopropylphenol	2-Chlorophenol	2-Chlorotoluene	2-Methyl-4,6-Dinitrophenol
				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/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/kg
			TSV	100	3100	590	3.9	1200	7.7	0.82	100	100	91	0.85	100	6.1	100	11	2.3	1.8	1.7	100	100	167	100	100	4.4	100	100
ERM 2008	BH3	1.5-1.7				0.010	0.014	0.010			0.014	0.013	0.012		0.017	0.011		0.006	0.009		0.008			0.005			0.009		
	BH6	0.4-0.5											0.100					0.100			0.100			0.100					
	BH6	3.5-3.7				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.009		0.100			0.100			0.009		
	M1	1.7				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.009		0.100			0.100			0.009		
	TP1A	1.4-1.5				0.013	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.009		0.100			0.100			0.009		
	TP1A	1.7-1.8				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.009		0.100			0.100			0.009		
	TP2	2-2.2				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.011		0.100			0.100			0.009		
	TP2	3.8-3.9				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.009		0.100			0.100			0.009		
	TP3	3-3.1											0.100					0.100			0.100			0.100					
	TP3	3.9-4.0											0.100					0.100			0.100			0.100					
	TP4	0.9-1.0				0.010	0.014	0.010			0.014	0.013	0.012		0.017	0.011		0.006	0.009		0.008			0.005			0.009		
	TP4	3.9-4				0.010	0.014	0.010			0.014	0.013	0.012		0.017	0.011		0.006	0.009		0.008			0.005			0.009		
	TP5	1.9-2											0.100					0.100			0.100			0.100					
	TP5	3.9-4				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.009		0.100			0.100			0.009		
	TP6	4.1-4.2				0.010	0.014	0.010			0.014	0.013	0.012		0.017	0.011		0.006	0.009		0.008			0.005			0.009		
	TP7	2.9-3.0											0.100					0.100			0.100			0.100					
	TP7	3.9-4.0											0.100					0.100			0.100			0.100					
	TP8	0.9-1.				0.010	0.014	0.010			0.014	0.013	0.012		0.017	0.011		0.006	0.009		0.008			0.005			0.009		
	TP9A	0.4-0.5				0.010	0.014	0.010			0.014	0.013	0.012		0.017	0.011		0.006	0.009		0.008			0.005			0.009		
	TP9A	1.9-2.0				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.009		0.100			0.100			0.009		
	TP10	0.9-1.0				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.100		0.100			0.100			0.009		
	TP10	2.4-2.5				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.100		0.100			0.100			0.009		
	TP12	0.9-1.0				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.100		0.100			0.100			0.009		
	TP12	2.4-2.5				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.100		0.100			0.100			0.009		
	TP15	0.9-1.0				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.100		0.100			0.100			0.009		
	TP16	2.5-2.6				0.012	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.100		0.100			0.100			0.009		
	TP16	3.7-3.8				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.100		0.100			0.100			0.009		
	TP17	1.3-1.5				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.100		0.100			0.100			0.009		
	TP17	3.6-3.7				0.010	0.014	0.010			0.014	0.013	0.100		0.017	0.011		0.100	0.100		0.100			0.100			0.009		
	BH401	0.50		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.200	0.012		0.006	0.017	0.200	19.600	0.005	0.200	0.008	0.007	0.200			0.200	0.009	
	BH401	1.50		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BH406	0.50		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP449	1.10		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.500	0.012		0.006	0.017	0.500	0.009	0.005	0.500	0.008	0.007	0.500			0.500	0.009	
	BH405A	0.80		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP433	1.00		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP434	0.70		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	1.370			0.100	0.009	
	TP447	2.20		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.500	0.012		0.006	0.017	0.500	0.009	0.005	0.500	0.008	0.007	0.500			0.500	0.009	
	TP452	1.20		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	2.990	0.005	0.100	0.272	0.007	0.100			0.100	0.470	
	TP432	0.60		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP441	0.90		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP427	1.80		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP428	0.60		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP428	2.20		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP429	1.60		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	1.000	0.012		0.006	0.017	1.000	0.132	0.005	1.000	0.024	0.007	1.000			1.000	0.127	
	TP426	1.30		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP426	3.00		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BH402	0.50		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP411	0.40		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.500	0.012		0.006	0.017	0.500	0.009	0.005	0.500	0.008	0.007	0.500			0.500	0.009	
	TP444	3.00		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP459	0.40		0.011	16.100	0.010	0.010	0.010	0.008	0.008	0.014	0.012	1.000	0.012		0.006	0.017	1.000	0.009	0.005	1.000	0.008	0.007	1.000			1.000	0.009	
	TP438	0.40		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP438	1.30		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP405	1.20		1.100	0.700	1.000	1.000	1.000	0.800	0.800	1.400	1.200	1.200	1.200		0.600	1.700	1.000	0.900	0.500	1.000	0.800	0.700	1.000			1.000	0.900	

Screened Soil Results - SVOCs a VOCs part 1

Report Source	Exploratory Hole	Depth (metres)	Strata	1.1-Dichloropropene	1.1.1-Trichloroethane	1.1.1.2-Tetrachloroethane	1.1.2-Trichloroethane	1.1.2.2-Tetrachloroethane	1.1-Dichloroethane	1.1-Dichloroethene	1.2-Dibromo-3-chloropropane	1.2-Dibromoethane	1.2 Dichlorobenzene	1.2-Dichloropropane	1.2.3 Trichloroethane	1.2.3-Trichlorobenzene	1.2.3-Trichloropropane	1.2.4-Trichlorobenzene	1.2.4-Trimethylbenzene	1.2-Dichloroethane	1.3-Dichlorobenzene	1.3.5-Trimethylbenzene	1.3-Dichloropropane	1.4-Dichlorobenzene	1 napthol	2 Isopropylphenol	2-Chlorophenol	2-Chlorotoluene	2-Methyl-4,6-Dinitrophenol
				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/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/kg
			TSV	100	3100	590	3.9	1200	7.7	0.82	100	100	91	0.85	100	6.1	100	11	2.3	1.8	1.7	100	100	167	100	100	4.4	100	100
Structural Soils 2010	TP403	0.50		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.092	0.005	0.100	0.055	0.007	0.100			0.100	0.009	
	TP442	1.40		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	1.000	0.012		0.006	0.017	1.000	0.009	0.005	1.000	0.008	0.007	1.000			1.000	0.009	
	TP419	1.00		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.500	0.012		0.006	0.017	0.500	0.009	0.005	0.500	0.008	0.007	0.500			0.500	0.009	
	TP419	3.60		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP418	0.50		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP405B	0.80		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP412	0.60		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.500	0.012		0.006	0.017	0.500	0.009	0.005	0.500	0.008	0.007	0.500			0.500	0.009	
	TP413	0.60		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP431	1.90		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP455	0.40		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP455	1.20		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP456	2.10		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TT404	0.60		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TT405	0.80		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP402	0.75		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP407	0.80		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	1.000	0.012		0.006	0.017	1.000	0.009	0.005	1.000	0.008	0.007	1.000			1.000	0.009	
	TT403	2.00		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.200	0.012		0.006	0.017	0.200	0.009	0.005	0.200	0.008	0.007	0.200			0.200	0.009	
	TT406	0.40		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BH414	2.00		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TT401	0.80		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.500	0.012		0.006	0.017	0.500	0.009	0.005	0.500	0.008	0.007	0.500			0.500	0.009	
	TP448	0.80		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.500	0.012		93.900	0.017	0.500	55.000	0.005	0.500	46.600	0.007	0.500			0.500	0.009	
	TP468	1.20		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.229	0.005	0.100	0.070	0.007	0.100			0.100	0.009	
	TP470	1.40		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.500	0.012		0.006	0.017	0.500	5.500	0.005	0.500	1.420	0.007	0.500			0.500	0.009	
	TP470	3.30		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	1.140	0.005	0.100	0.382	0.007	0.100			0.100	0.009	
	TP472	1.00		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.200	0.012		0.006	0.017	0.200	0.009	0.005	0.200	0.008	0.007	0.200			0.200	0.849	
	TP473	2.00		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	8.190	0.012		0.006	0.017	1.000	0.360	0.005	0.269	0.110	0.007	7.090			0.100	0.009	
	TP485	2.20		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	2.000	0.012		0.006	0.017	2.000	0.009	0.005	2.000	0.008	0.007	2.000			2.000	4.630	
	TP488	2.20		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.028	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP464	2.50		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.500	0.012		0.006	0.017	0.500	23.200	0.005	0.500	6.930	0.007	0.500			0.500	0.009	
	TP451	1.30		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	1.040	0.012		0.006	0.017	0.500	0.329	0.005	0.500	0.086	0.007	1.070			0.500	0.009	
	TP445	1.50		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP466	1.30		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	BH411	6.30		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.014	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP464	0.50		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP464	2.00		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.009	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP437	1.50		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.670	0.005	0.100	0.031	0.007	0.100			0.100	0.009	
	TP463	1.20		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.200	0.012		0.006	0.017	0.200	0.040	0.005	0.200	0.008	0.007	0.200			0.200	0.009	
	TP422	0.30		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.020	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
	TP410	0.70		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.200	0.012		0.006	0.017	0.200	0.009	0.005	0.200	0.008	0.007	0.200			0.200	0.009	
	TP453	0.60		0.011	0.007	0.010	0.010	0.010	0.008	0.008	0.014	0.012	0.100	0.012		0.006	0.017	0.100	0.036	0.005	0.100	0.008	0.007	0.100			0.100	0.009	
			Minimum	0.005	0.005	0.005	0.001	0.005	0.005	0.005	0.005	0.005	0.012	0.005	0.017	0.006	0.005	0.005	0.005	0.005	0.005	0.002	0.005	0.005	0.150	0.040	0.005	0.005	0.005
			Maximum	1.100	16.100	1.000	1.000	1.000	0.800	0.800	1.400	1.200	50.000	1.200	0.017	93.900	1.700	50.000	55.000	0.500	50.000	46.600	2.000	50.000	240.000	230.000	50.000	4.630	20.000
			Average	0.019	0.134	0.016	0.015	0.016	0.014	0.014	0.022	0.019	0.602	0.021	0.017	0.652	0.029	0.508	0.829	0.009	0.501	0.455	0.029	0.566	26.940	22.063	0.553	0.064	1.773
			Number of Samples	132.000	132.000	156.000	156.000	156.000	132.000	132.000	156.000	156.000	178.000	132.000	24.000	147.000	132.000	175.000	165.000	123.000	180.000	139.000	136.000	180.000	12.000	12.000	161.000	135.000	13.000
			No. > TSV	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	1.000	0.000	1.000	6.000	0.000	4.000	0.000	0.000	0.000	1.000	1.000	2.000	0.000	0.000
			% > TSV	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.758	0.000	0.680	0.000	0.571	3.636	0.000	2.222	0.000	0.000	0.000	8.333	8.333	1.242	0.000	0.000

Indicates samples exceeding TSV

TSV Source

- EA TSV
- EIC/AGS/CLAIRE
- LQM/CIEH
- WYG Screening Value
- Atrisk Values

Screened Soil Results - SVOCs and VOCs part 2

Report Source	Exploratory Hole	Depth (metres)	Strata	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	2,2-Dichloropropane	2,3,5-Trimethylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,6-Dinitrotoluene	3-Nitroaniline	4-Chloro-3-methylphenol	4-Nitrophenol	4-Bromophenylphenylether	4-Chloroaniline	4-Chlorophenylphenylether	4-Chlorotoluene	4-Isopropyltoluene	4-Methylphenol	4-Nitroaniline	Azobenzene	Biphenyl	bis(2-chloroethoxy)methane	bis(2-chloroethyl)ether	bis(2-chloroisopropyl)ether	bis(2-Ethylhexyl)phthalate	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Butylbenzylphthalate	Carbazole	Carbon Disulphide	Carbontetrachloride	Catechol	Chorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cresols
				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/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/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/kg	mg/kg	mg/kg	mg/kg	mg/kg
			TSV	100	100	100	100	100	4.4	730	170	4.4	4.4	87	100	100	100	100	100	100	100	100	100	100	100	980	100	100	100	2800	4.9	100	0.07	23	100	44000	100	100	15	100	1.7	18	2.7	0.013	0.39	100	6900
URS 2006	BH101	1.2 - 1.3	MG																																												
	BH102	1	MG	1.328																			0.965																								
	BH102	1.3	MG																																											
	BH103	0.95	MG																																											
	BH103	1.9	MG																																							0.503					
	BH104	1.8	MG																																											
	BH104	2.8	MG																		0.020																					0.522					
	BH105	0.6-0.7	MG																																												
	BH106	0.8	MG																																											
	BH107	1.3	MG		0.391																																				0.112					
	BH107	2.0	MG																																						0.235					
	BH109	1.7	MG																																											
	BH110	1.3	MG	0.051																																										
	BH111	1.6	MG																																											
	BH112	1.9	MG																																					0.167							
	BH113	2.25	MG																	16.056																						0.005					
	BH114	3.2	MG	0.061																			0.035																		2.397					
	BH115	2.3	MG																																											
	BH116	0.5	MG	0.088																			0.023																								
	BH116	0.8	MG											0.629																																
	BH117	2.6	MG																																				0.394							
	BH118	1.2	MG																																											
	BH119	1.45	MG																																				0.776							
	BH120	0.85	MG																																											
	TP202	2	MG																																				0.324							
	TP203	1.00	MG																																											
	TP205	1.0	MG								4.715			13.720																								0.442							
	TP205	2.5	MG																																											
	TP206	2.0	MG																		0.183																				55.289					
	TP208	1.7	MG								43.261			41.140										0.765														0.190							
	TP209	2.0	MG								2.362											0.019	0.307	0.334														0.524				0.033					
	TP212	2.0	MG																																											
	TP214	1.0	MG								0.821																												2.838							
	BHS301	3.4-3.6	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS302	2.8-3.0	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS303	0.7-1.0	MG				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS303	1.8-2.0	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		1.700	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS304	0.9-1.3	MG				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS304	3.8-4.0	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS305	0.75-0.9	MG				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS305	1.0-1.4	MG				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS305	2.8-3.0	Till	0.100	0.100	0.100			0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100				0.100	0.100		0.100	0.100		0.100						0.100	0.100											
	BHS307	2.7-3.0	Till				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS307	3.8-4.0	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS308	1.0-1.5	MG				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.570	0.014	0.008	0.007	0.005	0.014	
	BHS308	2.8-3.0	Till	0.100	0.100	0.100	0.012	0.220	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014	0.040	0.005	0.014	0.008	0.007	0.005	0.014	0.150
	BHS309	0.6-1.0	MG				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS309	2.8-3.0	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.130	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS310	0.2-0.8	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS311	1.8-2.2	MG				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS311	3.6-4.0	Till	0.100	0.100	0.100			0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100				0.100	0.100		0.100	0.100		0.100						0.100	0.100											
	BHS312	0.5-0.7	MG				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS312	2.8-3.0	MG	0.100	0.100	0.100			0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100				0.100	0.100		0.100	0.100		0.100						0.100	0.100											
	BHS313	0.2-.0.4	MG																																														
	BHS313	0.8-1.0	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS313	2.55-2.6	Till	0.100	0.100	0.100			0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100				0.100	0.100		0.100	0.100		0.100						0.100	0.100											
	BHS314	0.2-0.4	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BSH314	2.5-3.0	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS315	0.3-0.5	MG	0.100	0.100	0.100	0.012		0.100	0.100	1.400	0.100	0.100	0.330	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BHS316	0.3-0.6	MG																																													
	BHS316	0.80-1.00	MG	0.100	0.100	0.100			0.100	0.100	0.660	0.100	0.100	0.550	0.100	0.100	0.100	0.100	0.100	0.100					0.100	0.100		0.100	0.100		0.100						0.100	0.450											
	BHS316	1.30-1.40	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.420	0.100	0.100	3.600	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.018	0.007	0.005	0.014	
	BHS317	0.3-0.6	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100	**0.001**	0.100	0.100		0.270	0.010	0.014	0.007	0.010	0.013	0.100	0.220	0.007	0.014		0.005	0.014	0.028	0.007	0.005	0.014	
	BHS317	2.4-2.6	MG	0.100	0.160	0.100	0.012		0.100	0.100	0.510	0.100	0.100	0.430	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS317	3.1-3.15	MG	0.100	0.100	0.100			0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100				0.100	0.370		0.100	0.100		0.630						0.100	0.100											
	BHS318	2-.2.4	MG	0.100	0.100	0.100		0.020	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100				0.100	0.100		0.100	0.100		0.100						0.100	0.100		0.040								0.150
	BHS318	2.45-2.5	Till				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.160	0.014	0.008	0.001	0.005	0.014	
	BHS319	0.6-0.8	MG				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS319	0.8-1.0	MG	50.000	50.000	50.000		0.800	50.000	50.000	580.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000			170.000	50.000	1068.000	50.000	50.000		50.000							50.000	660.000		1.800								28.000
	BHS319	2.8-3.0	Till	4.400	1.000	1.000	0.012		1.000	4.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.012	0.037		1.000	1.000		1.000	1.000		1.000	0.010	0.014	0.007	0.010	0.013	1.000	9.200	0.007	0.014		0.014	0.008	0.001	0.005	0.014	
	BHS320	0.3-0.6	MG	0.100	0.100	0.100	0.012	0.020	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100	**0.001**	0.100	0.100		0.330	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014	0.040	0.005	0.014	0.008	0.001	0.005	0.014	0.150
	BHS321	0.25-0.3																																													
EPH 2007	BHS321	0.25-0.5	MG	0.100	0.100	0.100	0.012	0.020	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014	0.040	0.005	0.014	0.008	0.001	0.005	0.014	0.150
	BHS321	2.8-3	Till	0.100	0.100	0.100			0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100				0.100	0.100		0.100	0.100		0.100						0.100	0.100											
	BHS322	1.50-1.70	MG	10.000	10.000	10.000	0.012		10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	0.012	1.200		10.000	10.000		10.000	10.000		10.000	0.010	0.014	0.007	0.010	0.013	10.000	24.000	0.007	0.014		0.010	0.014	0.008	0.001	0.005	0.014	
	BHS323	2-.2.8	MG	0.500	0.500	0.500	0.012	0.300	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	0.011		0.500	0.500	**0.001**	0.500	0.500		0.500	0.010	0.014	0.007	0.010	0.013	0.500	1.400	0.007	0.014	0.200	1.200	0.014	0.008	0.001	0.005	0.014	10.000
	BHS323	3.8-4	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS324	2.0-3.0	MG	0.100	0.100	0.100	0.012	0.020	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.250	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014	0.040	0.005	0.014	0.008	0.001	0.005	0.014	0.400
	BHS325	0.6-0.8	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.240	0.100	0.100	0.150	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.520	0.010	0.014	0.007	0.010	0.013	0.100	0.500	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS325	2.4-2.6	MG	0.500	0.500	0.500	0.012		0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	0.110		0.500	0.500	**0.001**	0.500	0.500		2.900	0.091	0.014	0.007	0.010	0.013	0.500	0.500	0.007	0.014		1.500	0.014	0.008	0.007	0.041	0.014	
	BHS326	0.20-0.80	MG				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS326	3.80-4.00	Till	0.100	0.100	0.100			0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100				0.100	0.100		0.100	0.100		0.100						0.100	0.100											
	BHS327	0.4-0.6	MG	0.100	0.100	0.100			0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100				0.100	0.100		0.100	0.100		0.100						0.100	0.100											
	BHS327	2.8-3.0	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS328	0.80-1.0	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS329	0.40-0.60	MG	0.500	0.500	0.500	0.012		0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	0.011		0.500	0.500		0.500	0.500		0.500	0.010	0.014	0.007	0.010	0.013	0.500	0.500	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS329	1.00-1.20	Till				0.012															0.012	0.011																		0.010	0.014	0.007	0.010	0.013				0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS330	1.00-1.10	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS331	0.20-0.40	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.150	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	

Screened Soil Results - SVOCs and VOCs part 2

Report Source	Exploratory Hole	Depth (metres)	Strata	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	2,2-Dichloropropane	2,3,5-Trimethylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,6-Dinitrotoluene	3-Nitroaniline	4-Chloro-3-methylphenol	4-Nitrophenol	4-Bromophenylphenylether	4-Chloroaniline	4-Chlorophenylphenylether	4-Chlorotoluene	4-Isopropyltoluene	4-Methylphenol	4-Nitroaniline	Azobenzene	Biphenyl	bis(2-chloroethoxy)methane	bis(2-chloroethyl)ether	bis(2-chloroisopropyl)ether	bis(2-Ethylhexyl)phthalate	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Butylbenzylphthalate	Carbazole	Carbon Disulphide	Carbontetrachloride	Catechol	Chorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cresols
				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/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/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/kg	mg/kg	mg/kg	mg/kg	mg/kg
			TSV	100	100	100	100	100	4.4	730	170	4.4	4.4	87	100	100	100	100	100	100	100	100	100	100	980	100	100	100	2800	4.9	100	0.07	23	100	44000	100	100	15	100	1.7	18	2.7	0.013	0.39	100	6900
	BHS332	0.30-0.50	MG	0.100	0.100	0.100	0.100	0.012		0.100	0.100	0.500	0.100	0.100	0.500	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS332	1.80-2.00	MG	0.500	0.100	0.500	0.012		0.500	0.500	0.100	0.500	0.500	0.100	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	0.011		0.500	0.500	1.600	0.500	0.500		0.100	0.010	0.014	0.007	0.010	0.013	0.100	9.700	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS333	0.30-0.50	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS334	0.95-1.00	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.960	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS335	0.60-0.80	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS335	1.40-1.50	MG	0.100	0.100	0.100			0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.300	0.100	0.100	0.100					0.100	0.100		0.100	0.100		0.100						0.100	0.100									
	BHS335	2.80-3.00	Till	0.100	0.100	0.100			0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100					0.100	0.100		0.100	0.100		0.100						0.100	0.100									
	BHI201	1.0-1.2	MG					0.020																															0.040							0.150
	BHI201	6.8-7.0	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.300	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.130	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.070	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHI202	1.9-2.0	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.065	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHI203	2.10-2.25	Till				0.012															0.012	0.011								0.010	0.014	0.007	0.010	0.013			0.072	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHI204	1.0-1.5	MG	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.070	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHI205	2.8-3.0	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.070	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHI206	0.6-1.0		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.420	0.070	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHI206	1.6-2.1	MG					0.020																															0.040							0.150
	BHI206	3.0-3.5	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.170	0.070	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHI207	3.5-3.8	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.070	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHI208	4.0-4.2	Till	0.100	0.100	0.100		0.200	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100				0.100	0.230	**0.001**	0.100	0.100		0.100						0.100	0.100			0.400							3.600
	BHI209	0.60-1.00	MG	0.100	0.100	0.100	0.012	0.020	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.070	0.014	0.040	0.005	0.014	0.008	0.001	0.005	0.014	0.150
	BHI209	2.90-4.00	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.300	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.120	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.070	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHD103	2.20-2.30	Till					0.020																															0.040							0.150
	BHD103	5.5-5.6	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.200	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.070	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHS103	8.2-8.4	Till	0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.200	0.200	0.100	0.100	0.100	0.012	0.011		0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.070	0.014		0.005	0.014	0.008	0.001	0.005	0.014	
	BHD103	10.5-10.6	Till																																											
	A1	1.00	MG			0.330	0.005		0.330	0.330	0.330	0.330		0.330		0.660	1.650	0.330		0.660	0.330						0.330	0.330	0.330	0.330	0.005	0.005	0.005	0.005	0.005	0.670		0.005		0.005	0.005	0.005	0.005	0.005	0.005	
	A2	0.60	MG			0.330	0.005		0.330	0.330	0.330	0.330		0.330		0.660	1.650	0.330		0.660	0.330						0.330	0.330	0.330	0.330	0.005	0.005	0.005	0.005	0.005	0.670		0.005		0.005	0.005	0.005	0.005	0.005	0.005	
	A3	1.00	MG			0.330	0.005		0.330	0.330	0.330	0.330		0.330		0.660	1.650	0.330		0.660	0.330						0.330	0.330	0.330	0.330	0.005	0.005	0.005	0.005	0.005	0.670		0.005		0.005	0.005	0.005	0.005	0.005	0.005	
	A4	1.00	MG			0.330	0.005		0.330	0.330	0.330	0.330		0.330		0.660	1.650	0.330		0.660	0.330						0.330	0.330	0.330	0.330	0.005	0.005	0.005	0.005	0.005	0.670		0.005		0.005	0.005	0.005	0.005	0.005	0.005	
	CC3	0.65	MG			0.330	0.005		0.330	0.330	0.330	0.330		0.330		0.660	1.650	0.330		0.660	0.330						0.330	0.330	0.330	0.330	0.005	0.005	0.005	0.005	0.005	0.670		0.005		0.005	0.005	0.005	0.005	0.005	0.005	
	CC8	2.1	MG			0.330	0.005		0.330	0.330	0.330	0.330		0.330		0.660	1.650	0.330		0.660	0.330						0.330	0.330	0.330	0.330	0.005	0.005	0.005	0.005	0.005	0.670		0.005		0.005	0.005	0.005	0.005	0.005	0.005	
	CC9	0.5	MG			0.330	0.005		0.330	0.330	0.330	0.330		0.330		0.660	1.650	0.330		0.660	0.330						0.330	0.330	0.330	0.330	0.005	0.005	0.005	0.005	0.005	0.670		0.005		0.005	0.005	0.005	0.005	0.005	0.005	
	CC21	2.1	MG			0.330	0.005		0.330	0.330	0.330	0.330		0.330		0.660	1.650	0.330		0.660	0.330						0.330	0.330	0.330	0.330	0.005	0.005	0.005	0.005	0.005	0.670		0.005		0.005	0.005	0.005	0.005	0.005	0.005	
	CC23	3.4	MG			0.330	0.005		0.330	0.330	0.330	0.330		0.330		0.660	1.650	0.330		0.660	0.330						0.330	0.330	0.330	0.330	0.005	0.005	0.005	0.005	0.005	0.670		0.005		0.005	0.005	0.005	0.005	0.005	0.005	
	TP09	2.6	MG	0.100		0.100	0.500		0.100	0.100	0.500	0.100	0.100			0.100	0.100	0.100		0.100			0.100				0.100	0.100	0.100	0.500						0.500	0.100									
	WS03	1.3	MG	0.100		0.100	0.500		0.100	0.100	0.500	0.100	0.100			0.100	0.100	0.100		0.100			0.100				0.100	0.100	0.100	1.000						0.500	0.100									
	WS04	1.95	MG	0.100		0.100	0.500		0.100	0.100	0.500	0.100	0.100			0.100	0.100	0.100		0.100			0.100				0.100	0.100	0.100	0.500						0.500	3.100									
	WS06B	1.9	MG	2.000		2.000	10.000		2.000	2.000	10.000	2.000	2.000			2.000	2.000	2.000		2.000			2.000				2.000	2.000	2.000	10.000						10.000	25.800									
	BH1	3.8-4.0		0.100						0.100						0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	BH3	1.5-1.7														0.012					0.011									0.010			0.010						0.100					0.009	
	BH6	0.4-0.5		0.100						0.100			0.100																	0.100					0.100										
	BH6	3.5-3.7		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	M1	1.7		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP1A	1.4-1.5		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.053					0.009	
	TP1A	1.7-1.8		0.100						0.100			0.100			0.012					0.011									0.200	0.010			0.010	0.100					0.100					0.009	
	TP2	2-2.2		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP2	3.8-3.9		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP3	3-3.1		0.100						0.100			0.100																	0.100					0.100										
	TP3	3.9-4.0		0.100						0.100			0.100																	0.100					0.100										
	TP4	0.9-1.0														0.012					0.011										0.010			0.010						0.100					0.012	
	TP4	3.9-4														0.012					0.011										0.010			0.010						0.100					0.009	
	TP5	1.9-2		0.100						0.100			0.100																	0.100															
	TP5	3.9-4		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP6	4.1-4.2														0.012					0.011										0.010			0.010						0.100					0.009	
	TP7	2.9-3.0		0.100						0.100			0.100																	0.100					0.100										
	TP7	3.9-4.0		0.100						0.100			0.100																	0.100					0.100										
	TP8	0.9-1.														0.012					0.011										0.010			0.010						0.100					0.009	
	TP9A	0.4-0.5														0.012					0.011										0.010			0.010						0.100					0.009	
	TP9A	1.9-2.0		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP10	0.9-1.0		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP10	2.4-2.5		0.100						0.100			0.100			0.012					0.011									0.170	0.010			0.010	0.100					0.100					0.009	
	TP12	0.9-1.0		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP12	2.4-2.5		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP15	0.9-1.0		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP16	2.5-2.6		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP16	3.7-3.8		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP17	1.3-1.5		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	TP17	3.6-3.7		0.100						0.100			0.100			0.012					0.011									0.100	0.010			0.010	0.100					0.100					0.009	
	BH401	0.50		0.200	0.200	0.200	0.012		0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.012	0.011	0.200	0.200	0.200		0.200	0.200		0.346	0.010	0.014	0.007	0.010	0.013	0.200	1.280	0.026	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BH401	1.50		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.221	0.010	0.014	0.007	0.010	0.013	0.100	0.419	0.010	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BH406	0.50		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		3.020	0.010	0.014	0.007	0.010	0.013	0.100	0.341	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP449	1.10		0.500	0.500	0.500	0.012		0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	0.011	0.500	0.500	0.500		0.500	0.500		0.500	0.010	0.014	0.007	0.010	0.013	0.500	0.500	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BH405A	0.80		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.231	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.148	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP433	1.00		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.130	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP434	0.70		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.193	0.028	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP447	2.20		0.500	0.500	0.500	0.012		0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	0.011	0.500	0.500	0.500		0.500	0.500		0.500	0.019	0.014	0.007	0.010	0.013	0.500	0.500	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP452	1.20		0.100	0.100	0.100	0.012		0.100	0.253	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	3.010	0.138	0.014		5.680	0.014	0.008	0.007	0.005	0.014	
	TP432	0.60		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP441	0.90		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.154	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.018	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP427	1.80		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP428	0.60		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP428	2.20		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.126	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP429	1.60		1.000	1.000	1.000	0.012		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.084	0.023	1.000	1.000	1.000		1.000	1.000		1.000	0.010	0.014	0.007	0.010	0.013	1.000	1.000	0.051	0.014		0.066	0.014	0.015	0.007	0.042	0.014	
	TP426	1.30		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100

Screened Soil Results - SVOCs and VOCs part 2

Report Source	Exploratory Hole	Depth (metres)	Strata	2-Methylphenol	2-Nitroaniline	2-Nitrophenol	2,2-Dichloropropane	2,3,5-Trimethylphenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,6-Dinitrotoluene	3-Nitroaniline	4-Chloro-3-methylphenol	4-Nitrophenol	4-Bromophenylphenylether	4-Chloroaniline	4-Chlorophenylphenylether	4-Chlorotoluene	4-Isopropyltoluene	4-Methylphenol	4-Nitroaniline	Azobenzene	Biphenyl	bis(2-chloroethoxy)methane	bis(2-chloroethyl)ether	bis(2-chloroisopropyl)ether	bis(2-Ethylhexyl)phthalate	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Butylbenzylphthalate	Carbazole	Carbon Disulphide	Carbontetrachloride	Catechol	Chorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cresols
			TSV	100	100	100	100	100	4.4	730	170	4.4	4.4	87	100	100	100	100	100	100	100	100	100	100	100	980	100	100	100	2800	4.9	100	0.07	23	100	44000	100	100	15	100	1.7	18	2.7	0.013	0.39	100	6900
Structural Soils 2010	TP438	1.30		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.377	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.311	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP405	1.20		1.000	1.000	1.000	1.200		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.200	1.100	1.000	1.000	1.000		1.000	1.000		1.000	1.000	1.400	0.700	1.000	1.300	1.000	1.720	0.700	1.400		0.500	1.400	0.800	0.700	0.500	1.400	
	TP403	0.50		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.169	0.010	0.014	0.007	0.010	0.013	0.100	0.427	0.077	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP442	1.40		1.000	1.000	1.000	0.012		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.012	0.011	1.000	1.000	1.000		1.000	1.000		1.000	0.010	0.014	0.007	0.010	0.013	1.000	4.380	0.055	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP419	1.00		0.500	0.500	0.500	0.012		0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	0.011	0.500	0.500	0.500		0.500	0.500		0.500	0.010	0.014	0.007	0.010	0.013	0.500	3.830	0.035	0.014		0.005	0.014	0.008	0.007	0.065	0.014	
	TP419	3.60		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.142	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.010	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP418	0.50		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP4058	0.80		0.100	0.100	0.100	0.012		0.100	0.100	639.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.831	0.122	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP412	0.60		0.500	0.500	0.500	0.012		0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	0.011	0.500	0.500	0.500		0.500	0.500		0.500	0.010	0.014	0.007	0.010	0.013	0.500	2.160	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP413	0.60		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.029	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP431	1.90		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.202	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP455	0.40		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP455	1.20		0.236	0.100	0.100	0.012		0.100	342.000	123.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.393	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.215	0.111	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP456	2.10		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.263	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TT404	0.60		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TT405	0.80		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.154	0.029	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP402	0.75		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP407	0.80		1.000	1.000	1.000	0.012		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.012	0.011	1.620	1.000	1.000		1.000	1.000		1.000	0.010	0.014	0.007	0.010	0.013	1.000	4.780	0.018	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TT403	2.00		0.200	0.200	0.200	0.012		0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.012	0.011	0.200	0.200	0.297		0.200	0.200		0.200	0.010	0.014	0.007	0.010	0.013	0.200	0.479	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.026	
	TT406	0.40		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.189	0.197	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BH414	2.00		0.100	0.100	0.100	0.012		0.100	0.100	0.628	0.100	0.100	801.000	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.308	0.010	0.014	0.007	0.010	0.013	0.100	0.159	0.012	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TT401	0.80		0.500	0.500	0.500	0.012		0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	0.011	0.500	0.500	0.500		0.500	0.500		0.500	0.010	0.014	0.007	0.010	0.013	0.500	0.600	0.017	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP448	0.80		0.500	0.500	0.500	0.012		0.500	4.310	6.320	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	0.011	0.500	0.500	0.500		0.500	0.500		0.500	0.010	0.014	0.007	0.010	0.013	0.500	5.050	0.300	0.014		0.005	0.014	0.008	0.034	0.005	0.014	
	TP468	1.20		0.100	0.100	0.100	0.012		0.100	0.100	0.706	0.100	0.100	264.000	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP470	1.40		0.500	16100.000	0.500	0.012		0.500	0.500	998.000	0.500	0.500	1150.000	12.200	0.500	0.500	0.500	0.500	0.500	0.012	0.011	1.920	6.620	0.900		0.500	0.500		0.500	0.010	0.014	0.007	0.010	0.013	0.500	0.500	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP470	3.30		117.000	12600.000	0.100	0.012		0.100	0.125	134.000	0.100	0.100	114.000	10.600	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.218	2.200	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP472	1.00		0.200	0.200	0.200	0.012		0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.259	0.200	0.405	0.011	0.200	0.200	921.000		0.200	0.200		0.200	0.010	0.014	0.007	0.010	0.013	0.200	0.602	0.076	0.014		0.201	0.014	0.008	0.007	0.005	0.014	
	TP473	2.00		0.100	0.326	0.100	0.012		0.100	0.100	171.000	0.100	0.100	172.000	0.245	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	40.300		0.100	0.010	0.014	0.007	0.010	0.013	0.100	1.410	0.009	0.014		16.400	0.014	0.008	0.007	0.005	0.014	
	TP485	2.20		2.000	2.000	2.000	0.012		2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.750	0.011	2.000	2.000	2.000		2.000	2.000		2.000	0.010	0.014	0.007	0.010	0.013	2.000	2.000	0.022	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP488	2.20		0.100	0.100	0.133	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.207	0.100	0.798	0.100	0.100	0.100	0.012	0.011	0.100	0.100	389.000		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.040	0.014	0.008	0.007	0.005	0.014	
	TP410	0.70		0.200	0.200	0.200	0.012		0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.012	0.011	0.200	0.200	0.200		0.200	0.200		0.200	0.010	0.014	0.007	0.010	0.013	0.200	1.300	0.077	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP453	0.60		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.171	0.075	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP464	2.50		0.500	0.918	0.500	0.012		0.500	0.500	3.280	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.012	1.770	0.500	0.500	2.590		0.500	0.500		0.500	0.010	0.014	0.007	0.010	0.013	0.500	43.400	32.800	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP451	1.30		0.500	0.500	0.500	0.012		0.500	0.500	234.000	0.500	0.500	282.000	0.882	0.500	0.500	0.500	0.500	0.500	0.012	0.011	0.500	0.500	1.370		0.500	0.500		0.500	0.010	0.014	0.007	0.010	0.013	0.500	0.757	0.007	0.014		0.772	0.014	0.008	0.007	0.005	0.014	
	TP445	1.50		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.284	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP466	1.30		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	63.300	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	BH411	6.30		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		2.570	0.010	0.014	0.007	0.010	0.013	0.100	0.100	21.700	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP464	0.50		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP464	2.00		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.100	0.007	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP437	1.50		0.100	0.100	0.100	0.012		0.100	0.100	156.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	267.000	0.100	0.012	111.000	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	0.192	0.014		0.306	0.014	0.008	0.007	0.005	0.014	
	TP463	1.20		0.200	0.200	0.200	0.012		0.200	0.200	6.830	0.200	0.200	3.150	0.200	0.200	0.200	0.200	0.200	0.200	0.012	0.011	0.200	0.200	0.200		0.200	0.200		643.000	0.010	0.014	0.007	0.010	0.013	0.200	279.000	0.044	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	TP422	0.30		0.100	0.100	0.100	0.012		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.011	0.100	0.100	0.100		0.100	0.100		0.100	0.010	0.014	0.007	0.010	0.013	0.100	14.100	0.014		0.005	0.014	0.008	0.007	0.005	0.014	
	Minimum			0.051	0.100	0.100	0.005	0.020	0.100	0.100	0.100	0.100	0.100	0.100	0.012	0.100	0.100	0.100	0.100	0.100	0.011	0.011	0.023	0.100	0.100	0.001	0.100	0.100	0.100	0.100	0.005	0.005	0.005	0.005	0.005	0.100	0.100	0.007	0.005	0.040	0.005	0.005	0.005	0.001	0.005	0.005	0.150
	Maximum			117.00	16100.00	50.00	10.00	0.80	50.00	342.00	998.00	50.00	50.00	1150.00	50.00	50.00	50.00	50.00	267.00	50.00	2.75	111.00	2.00	170.00	2130.00	1068.00	50.00	50.00	2.00	643.00	40.30	1.40	0.70	1.00	1.30	50.00	660.00	63.30	1.40	1.80	55.29	1.40	0.80	0.70	0.50	1.40	28.00
	Average			1.369	232.142	0.668	0.104	0.140	0.667	2.763	22.527	0.667	0.597	21.726	0.881	0.588	0.766	0.667	2.866	0.801	0.059	0.940	0.325	1.722	28.691	152.801	0.667	0.667	0.405	4.754	0.275	0.024	0.012	0.016	0.022	0.660	8.251	1.117	0.024	0.230	0.552	0.024	0.014	0.011	0.010	0.022	3.600
	Number of Samples			155	124	136	136	12	136	160	140	136	151	135	123	160	136	136	123	137	158	124	72	125	123	7	136	136	13	160	156	132	132	156	132	159	135	123	132	12	162	132	133	132	132	156	12
	No. > TSV			1	2	0	0	0	2	0	5	2	2	6	0	0	0	0	1	0	0	1	0	1	3	1	0	0	0	0	1	0	1	0	0	0	2	0	0	0	4	0	0	2	1	0	0
	% > TSV			0.6	1.6	0.0	0.0	0.0	1.5	0.0	3.6	1.5	1.3	4.4	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.8	2.4	14.3	0.0	0.0	0.0	0.0	0.6	0.0	0.8	0.0	0.0	0.0	1.5	0.0	0.0	0.0	2.5	0.0	0.0	1.5	0.8	0.0	0.0

Indicates samples exceeding TSV

TSV Source

- EA TSV
- EIC/AGS/CLAIRE
- LQM/CIEH
- WYG Screening Value
- Atrisk Values

Screened Soil Results - SVOCs and VOCs part 2

Report Source	Exploratory Hole	Depth (metres)	Strata	Dibenzofuran	Max Dibromochloromethane	Max Dibromomethane	Dibutyl Phthalate	Dichlorodifluoromethane	Dichloromethane	Diethyl Diphenyl Urea	Diethyl phthalate	Dimethyl Diphenyl Urea	Max Dimethyl Phthalate	Max Di n butyl phthalate	Max Di n octyl Phthalate	Hexachlorobenzene	Max Hexachlorobutadiene	Max Hexachlorocyclopentadiene	Hexachloroethane	Isophorone	Isopropylbenzene	Methoxymmethylxlane	n-Butylbenzene	n-Dibutylphthalate	n-Dioctylphthalate	Nitrobenzene	n-Nitroso-n- dipropylamine	Pentachlorophenol	Phenyl Benzenamine	Propylbenzene	Resorcinol	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene	Tert-amylmethylether	trans-1-3-Dichloropropene	trans-1-2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Max Vinyl Chloride	Xylenols	N-Nitrosodiphenylamine	Phenylbenzamine
				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/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/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/kg	mg/kg	mg/kg	mg/kg
			TSV	100	100	100	450	100	4.5	100	6300	100	100	450	3400	1.4	1.2	100	1.3	100	100	100	100	450	3400	1	100	2.96	100	230	100	100	170	100	660	100	100	0.71	55	100	0.12	100	100	100
URS 2006	BH101	1.2 - 1.3	MG							4.100												2.200																							
	BH102	1	MG																																										
	BH102	1.3	MG																																										
	BH103	0.95	MG							1.000																																			
	BH103	1.9	MG																																										
	BH104	1.8	MG																																										
	BH104	2.8	MG																																										
	BH105	0.6-0.7	MG																																										
	BH106	0.8	MG																																										
	BH107	1.3	MG																																										
	BH107	2.0	MG																																										
	BH109	1.7	MG																							0.147																			
	BH110	1.3	MG																																										
	BH111	1.6	MG																							100.226																			
	BH112	1.9	MG	0.913																										0.007																
	BH113	2.25	MG																				0.070									0.014													
	BH114	3.2	MG	13.723																	0.038		0.072							0.010		0.085	0.004	0.047										
	BH115	2.3	MG	0.162																															0.011										
	BH116	0.5	MG																																										
	BH116	0.8	MG																																0.004										
	BH117	2.6	MG	0.324																																									
	BH118	1.2	MG	1.349																	0.007									0.003				0.013										
	BH119	1.45	MG	0.632																	0.019									0.040		0.011													
	BH120	0.85	MG	0.136						7.200		7.400																							0.004										
	TP202	2	MG	0.571																																									
	TP203	1.00	MG	0.397																																									
	TP205	1.0	MG	0.675																						0.376																			
	TP205	2.5	MG																		0.005									0.005															
	TP206	2.0	MG	0.227																	0.005																									
	TP208	1.7	MG	0.375																						0.408																			
	TP209	2.0	MG	4.574						4.574											0.015																									
	TP212	2.0	MG	0.375																																									
	TP214	1.0	MG	6.143																																									
EPH 2007	BHS301	3.4-3.6	Till	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS302	2.8-3.0	MG	0.100	0.013	0.009		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.012	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS303	0.7-1.0	MG		0.100	0.100		0.004	0.010								0.100				0.005		0.001			**0.001**				0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS303	1.8-2.0	Till	0.100	0.013	0.009		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.012	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS304	0.9-1.3	MG		0.100	0.100		0.004	0.010								0.100				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS304	3.8-4.0	Till	0.100	0.013	0.009		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.012	0.100	0.100	0.100	0.005		0.001			**0.001**		0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS305	0.75-0.9	MG		0.013	0.009		0.004	0.010								0.012				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS305	1.0-1.4	MG		0.100	0.100		0.004	0.010								0.100				0.005		0.001			**0.001**				0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS305	2.8-3.0	Till	0.100							0.100		0.100	0.100	0.100	0.100		0.100	0.100	0.100								0.100																
	BHS307	2.7-3.0	Till		0.100	0.100		0.004	0.010								0.100				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS307	3.8-4.0	Till	0.100	0.013	0.009		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.012	0.100	0.100	0.100	0.005		0.001			**0.001**		0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS308	1.0-1.5	MG		0.100	23.000		0.004	0.010								0.100				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.070			
	BHS308	2.8-3.0	Till	0.100	0.013	0.009		0.004	0.010		0.100		0.100	0.100	0.100	0.710	0.012	0.100	0.100	0.100	0.005		0.001			0.245		0.100		0.011	0.040	0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010	0.020		
	BHS309	0.6-1.0	MG		0.100	0.100		0.004	0.010								0.100				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS309	2.8-3.0	Till	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001			**0.001**		0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS310	0.2-0.8	MG	0.100	0.013	0.009		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.012	0.100	0.100	0.100	0.005		0.001			**0.001**		0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS311	1.8-2.2	MG		0.100	0.100		0.004	0.010								0.100				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS311	3.6-4.0	Till	0.100							0.100		0.100	0.100	0.100	0.100		0.100	0.100	0.100								0.100																
	BHS312	0.5-0.7	MG		0.100	0.100		0.004	0.010								0.100				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS312	2.8-3.0	MG	0.100	0.100	0.230					0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100								0.100																
	BHS313	0.2-.0.4	MG										0.000																																
	BHS313	0.8-1.0	MG	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS313	2.55-2.6	Till	0.100	0.100	0.100					0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100								0.100																
	BHS314	0.2-0.4	MG	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BSH314	2.5-3.0	MG	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS315	0.3-0.5	MG	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS316	0,3-0.6	MG										0.000																																
	BHS316	0.80-1.00	MG	0.370	0.100	0.100					0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100								0.100																
	BHS316	1.30-1.40	MG	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.019	0.006	0.010			
	BHS317	0.3-0.6	MG	0.230	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100	**0.001**	0.011		0.010	0.010	0.012	0.440		0.014	0.011	0.009	0.006	0.010			**0.001**
	BHS317	2.4-2.6	MG	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001			**0.001**		0.100		0.011		0.010	0.010	0.012	0.085		0.014	0.011	0.009	0.006	0.010			
	BHS317	3.1-3.15	MG	0.180	0.100	0.100					0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100								0.100												0.070				
	BHS318	2.-2.4	MG	0.100							0.100		0.100	0.100	0.100	0.100		0.100	0.100	0.100								0.100			0.040												0.020		
	BHS318	2.45-2.5	Till		0.013	0.009		0.004	0.010								0.012				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS319	0.6-0.8	MG		50.000	50.000		0.004	0.010								50.000				0.005		0.001							0.011		0.010	0.010	0.012	0.008		0.014	0.011	0.009	0.006	1.300			
	BHS319	0.8-1.0	MG	2600.000	1.000	1.000					50.000		50.000	50.000	50.000	50.000	1.000	50.000	50.000	50.000								50.000	**0.001**		0.200											0.100		**0.001**
	BHS319	2.8-3.0	Till	51.000	0.100	0.100		0.004	0.010		1.000		1.000	1.000	1.000	1.000	0.100	1.000	1.000	1.000	0.065		0.001			**0.001**		1.000		0.039		0.010	0.010	0.012	0.010		0.014	0.011	0.009	0.006	0.070			
	BHS320	0.3-0.6	MG	0.180	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100	**0.001**	0.011	0.040	0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.070	0.020		**0.001**
	BHS321	0.25-0.3			0.100	0.100											0.100																											
	BHS321	0.25-0.5	MG	0.100	0.013	0.009		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.012	0.100	0.100	0.100	0.005		0.001					0.100		0.011	0.040	0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010	0.020		
	BHS321	2.8-3	Till	0.100	10.000	10.000					0.100		0.100	0.100	0.100	0.100	10.000	0.100	0.100	0.100								0.100																
	BHS322	1.50-1.70	MG	460.000	0.500	0.500		0.004	0.010		10.000		10.000	10.000	10.000	10.000	0.500	10.000	10.000	10.000	0.430		0.010					10.000		0.370		0.010	0.010	0.012	0.010		0.014	0.011	0.009	0.006	0.350			
	BHS323	2.-2.8	MG	29.000	0.100	0.100		0.004	0.010		0.500		0.500	0.500	0.500	0.500	0.100	0.500	0.500	0.500	0.095		0.010					0.500	**0.001**	0.011	0.200	0.130	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010	0.100		**0.001**
	BHS323	3.8-4	Till	0.100	0.100	0.230		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001			**0.001**		0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.070			
	BHS324	2.0-3.0	MG	1.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011	0.040	0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010	0.030		
	BHS325	0.6-0.8	MG	0.310	0.500	0.500		0.004	0.010		0.100		0.100	0.130	0.100	0.100	0.500	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS325	2.4-2.6	MG	0.500	0.013	0.009		0.004	0.010		0.500		0.500	0.500	0.500	0.500	0.012	0.500	0.500	0.500	2.300		0.001			**0.001**		0.500	5.000	3.200		0.190	0.010	0.012	0.005		0.014	0.055	0.070	0.006	0.071			5.000
	BHS326	0.20-0.80	MG		0.100	0.100		0.004	0.010								0.100				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS326	3.80-4.00	Till	0.100	0.100	0.100					0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100								0.100																
	BHS327	0.4-0.6	MG	0.100	0.100	0.100					0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100								0.100																
	BHS327	2.8-3.0	Till	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS328	0.80-1.0	MG	0.100	0.500	0.500		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.500	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS329	0.40-0.60	MG	0.500	0.013	0.009		0.004	0.010		0.500		0.500	0.500	0.500	0.500	0.012	0.500	0.500	0.500	0.005		0.001			**0.001**		0.500		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS329	1.00-1.20	Till		0.100	0.100		0.004	0.010								0.100				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS330	1.00-1.10	Till	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS331	0.20-0.40	MG	0.410	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001			**0.001**		0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			

Screened Soil Results - SVOCs and VOCs part 2

Report Source	Exploratory Hole	Depth (metres)	Strata	Dibenzofuran	Max Dibromochloromethane	Max Dibromomethane	Dibutyl Phthalate	Dichlorodifluoromethane	Dichloromethane	Diethyl Diphenyl Urea	Diethyl phthalate	Dimethyl Diphenyl Urea	Max Dimethyl Phthalate	Max Di n butyl phthalate	Max Di n octyl Phthalate	Hexachlorobenzene	Max Hexachlorobutadiene	Max Hexachlorocyclopentadiene	Hexachloroethane	Isophorone	Isopropylbenzene	Methoxychloromethylsilane	n-Butylbenzene	n-Dibutylphthalate	n-Dioctylphthalate	Nitrobenzene	n-Nitroso-n- dipropylamine	Pentachlorophenol	Phenyl Benzenamine	Propylbenzene	Resorcinol	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene	Tert-amylmethylether	trans-1-3-Dichloropropene	trans-1-2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Max Vinyl Chloride	Xylenols	N-Nitrosodiphenylamine	Phenylbenzamine
				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/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/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/kg	mg/kg	mg/kg
			TSV	100	100	100	450	100	4.5	100	6300	100	100	450	3400	1.4	1.2	100	1.3	100	100	100	100	450	3400	1	100	2.96	100	230	100	100	170	100	660	100	100	0.71	55	100	0.12	100	100	100
	BHS332	0.30-0.50	MG	0.100	0.500	0.500		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.500	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS332	1.80-2.00	MG	14.000	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.500	0.100	0.500	0.500	0.500	0.005		0.001					0.500	**0.001**	0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			**0.001**
	BHS333	0.30-0.50	MG	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.037	0.006	0.010			
	BHS334	0.95-1.00	MG	0.730	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS335	0.60-0.80	MG	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS335	1.40-1.50	MG	0.100	0.100	0.100					0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100								0.100																
	BHS335	2.80-3.00	Till	0.100							0.100		0.100	0.100	0.100	0.100		0.100	0.100	0.100								0.100													0.070			
	BHI201	1.0-1.2	MG		0.100	0.100											0.100													0.040											0.020		
	BHI201	6.8-7.0	Till	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHI202	1.9-2.0	MG	0.100	0.013	0.009		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.012	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHI203	2.10-2.25	Till		0.100	0.100		0.004	0.010								0.100				0.005		0.001							0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHI204	1.0-1.5	MG	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHI205	2.8-3.0	Till	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHI206	0.6-1.0		2.200	0.013	0.009		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.012	0.100	0.100	0.100	0.018		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHI206	1.6-2.1	MG																											0.040											0.070	0.020		
	BHI206	3.0-3.5	Till	2.000	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.013		0.001			**0.001**		0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHI207	3.5-3.8	Till	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHI208	4.0-4.2	Till	0.100	0.100	7.000					0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100						**0.001**	0.100		0.400											0.070	0.200		**0.001**
	BHI209	0.60-1.00	MG	0.100	0.100	0.390		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001			**0.001**		0.100		0.011	0.040	0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.070	0.020		
	BHI209	3.90-4.00	Till	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHD103	2.20-2.30	Till		0.000	0.000																								0.040											0.070	0.020		
	BHD103	5.5-5.6	Till	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHS103	8.2-8.4	Till	0.100	0.100	0.100		0.004	0.010		0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.005		0.001					0.100		0.011		0.010	0.010	0.012	0.005		0.014	0.011	0.009	0.006	0.010			
	BHD103	10.5-10.6	Till														0.100																											
Asp Invalls 1995	A1	1.00	MG		0.005	0.005					0.670		0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.005		0.005			0.670	0.670	0.670				0.005	0.005	0.005	0.005			0.005	0.005	0.005	0.005			
	A2	0.60	MG		0.005	0.005					0.670		0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.005		0.005			0.670	0.670	0.670				0.005	0.005	0.005	0.005			0.005	0.005	0.005	0.005			
	A3	1.00	MG		0.005	0.005					0.670		0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.005		0.005			0.670	0.670	0.670				0.005	0.005	0.005	0.005			0.005	0.034	0.005	0.005			
	A4	1.00	MG		0.005	0.005					0.670		0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.005		0.005			0.670	0.670	0.670				0.005	0.005	0.005	0.005			0.005	0.005	0.005	0.005			
	CC3	0.65	MG		0.005	0.005					0.670		0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.005		0.005			0.670	0.670	0.670				0.005	0.005	0.005	0.005			0.005	0.005	0.005	0.005			
	CC8	2.1	MG		0.005	0.005					0.670		0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.005		0.005			0.670	0.670	0.670				0.005	0.005	0.005	0.005			0.005	0.005	0.005	0.005			
	CC9	0.5	MG		0.005	0.005					0.670		0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.005		0.005			0.670	0.670	0.670				0.005	0.005	0.005	0.005			0.005	0.005	0.005	0.005			
	CC21	2.1	MG		0.005	0.005					0.670		0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.005		0.005			0.670	0.670	0.670				0.005	0.005	0.005	0.005			0.005	0.005	0.005	0.005			
	CC23	3.4	MG		0.005	0.005					0.670		0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.670	0.005		0.005			0.670	0.670	0.670				0.005	0.005	0.005	0.005			0.005	0.005	0.005	0.005			
Cajeta Symonds	TP09	2.6	MG	0.100			0.100				0.100		0.100		0.500	0.100		0.100	0.100	0.100								0.100														0.100		
	WS03	1.3	MG	0.100			0.100				0.100		0.100		0.500	0.100		0.100	0.100	0.100								0.100														0.100		
	WS04	1.95	MG	32.700			0.100				0.100		0.100		0.500	0.100		0.100	0.100	0.100								0.100														1.900		
	WS06B	1.9	MG	2.000			2.000				2.000		2.000		10.000	2.000		2.000	2.000	2.000						2.000		10.000														2.000		
	BH1	3.8-4.0			0.007												0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	BH3	1.5-1.7			0.007												0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	BH6	0.4-0.5									0.100		0.100	0.100	0.100																												
	BH6	3.5-3.7			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	M1	1.7			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP1A	1.4-1.5			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP1A	1.7-1.8			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP2	2-2.2			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP2	3.8-3.9			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP3	3-3.1									0.100		0.100	0.100	0.100																												
	TP3	3.9-4.0									0.100		0.100	0.100	0.100																												
	TP4	0.9-1.0			0.007												0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP4	3.9-4			0.007												0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP5	1.9-2									0.100		0.100	0.100	0.100																												
	TP5	3.9-4			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP6	4.1-4.2			0.007												0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP7	2.9-3.0									0.100		0.100	0.100	0.100																												
	TP7	3.9-4.0									0.100		0.100	0.100	0.100																												
	TP8	0.9-1.			0.007												0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP9A	0.4-0.5			0.007												0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP9A	1.9-2.0			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP10	0.9-1.0			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP10	2.4-2.5			0.007						0.100		0.100	0.100	0.180		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP12	0.9-1.0			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP12	2.4-2.5			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP15	0.9-1.0			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP16	2.5-2.6			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP16	3.7-3.8			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012			0.014		0.007						
	TP17	1.3-1.5			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012	0.010		0.014		0.007						
	TP17	3.6-3.7			0.007						0.100		0.100	0.100	0.100		0.012				0.050		0.010						0.011		0.010	0.010	0.012			0.014		0.007						
	BH401	0.50		1.380	0.013	0.009		0.004	0.010		0.200		0.200			0.200	0.200	0.200	0.200	0.200	0.005		0.010	0.200	0.200	0.200	0.200	0.200		0.011		0.010	0.042	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	BH401	1.50		0.398	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.019	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	BH406	0.50		0.541	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP449	1.10		0.500	0.013	0.009		0.004	0.010		0.500		0.500			0.500	0.500	0.500	0.500	0.500	0.005		0.010	0.500	0.500	8.690	0.500	0.500		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	BH405A	0.80		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP433	1.00		0.339	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP434	0.70		0.286	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	1.000	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP447	2.20		0.500	0.013	0.009		0.004	0.010		0.500		0.500			0.500	0.500	0.500	0.500	0.500	0.005		0.010	0.500	0.500	17.100	0.500	0.500		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP452	1.20		7.080	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	1.770		0.010	0.100	0.100	0.100	0.100	0.100		0.011		2.350	0.010	0.012	0.005	0.078	0.014	0.011	0.009	0.006	0.010			
	TP432	0.60		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP441	0.90		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.971	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP427	1.80		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.022	0.006	0.010			
	TP428	0.60		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP428	2.20		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP429	1.60		4.210	0.013	0.009		0.004	0.010		1.000		1.000			1.000	1.000	1.000	1.000	1.000	0.023		0.075	1.000	1.000	1.000	1.000	1.000		0.019		0.010	0.045	0.012	0.018	0.015	0.014	0.062	0.107	0.006	0.095			
	TP426	1.30		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	316.000	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP426	3.00		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.403	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	BH402	0.50		7.080	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP411	0.40		0.785	0.013	0.009		0.004	0.010		0.500		0.500			0.500	0.500	0.500	0.500	0.500	0.005		0.010	0.500	0.500	0.500	0.500	0.500		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP444	3.00		0.211	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP459	0.40		1.000	0.013	0.009		0.004	0.010		1.000		1.000			1.000	1.000	1.000	1.000	1.000	0.005		0.010	1.000	1.000	1.000	1.000	1.000		0.011		0.010	0.010	0.012	0.018	0.015	0.014	0.011	0.048	0.006	0.010			
	TP438	0.40		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.023	0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			

Screened Soil Results - SVOCs and VOCs part 2

Report Source	Exploratory Hole	Depth (metres)	Strata	Dibenzofuran	Max Dibromochloromethane	Max Dibromomethane	Dibutyl Phthalate	Dichlorodifluoromethane	Dichloromethane	Diethyl Diphenyl Urea	Diethyl phthalate	Dimethyl Diphenyl Urea	Max Dimethyl Phthalate	Max Di n butyl phthalate	Max Di n octyl Phthalate	Hexachlorobenzene	Max Hexachlorobutadiene	Max Hexachlorocyclopentadiene	Hexachloroethane	Isophorone	Isopropylbenzene	Methoxymethylxilane	n-Butylbenzene	n-Dibutylphthalate	n-Dioctylphthalate	Nitrobenzene	n-Nitroso-n- dipropylamine	Pentachlorophenol	Phenyl Benzenamine	Propylbenzene	Resorcinol	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene	Tert-amylmethylether	trans-1-3-Dichloropropene	trans-1-2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Max Vinyl Chloride	Xylenols	N-Nitrosodiphenylamine	Phenylbenzamine
				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/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/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/kg	mg/kg
			TSV	100	100	100	450	100	4.5	100	6300	100	100	450	3400	1.4	1.2	100	1.3	100	100	100	100	450	3400	1	100	2.96	100	230	100	100	170	100	660	100	100	0.71	55	100	0.12	100	100	100
Structural Soils 2010	TP438	1.30		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP405	1.20		2.090	1.300	0.900		0.400	1.000		1.000		1.000			1.000	1.200	1.000	1.000	1.000	0.500		1.000	1.000	1.000	1.000	1.000	1.000		1.100		1.000	1.000	1.200	0.500	1.500	1.400	1.100	0.900	0.600	1.000			
	TP403	0.50		0.913	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	11.600	0.010			
	TP442	1.40		6.060	0.013	0.009		0.004	0.010		1.000		1.000			1.000	1.000	1.000	1.000	1.000	0.005		0.010	1.000	1.000	1.000	1.000	1.000		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP419	1.00		6.330	0.013	0.009		0.004	0.010		0.500		0.500			0.500	0.500	0.500	0.500	0.500	0.005		0.010	0.500	0.500	0.500	0.500	0.500		0.011		0.010	0.010	0.012	0.069	0.015	0.014	0.011	0.023	0.006	0.010			
	TP419	3.60		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		47.100	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP418	0.50		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP4058	0.80		0.881	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP412	0.60		1.310	0.013	0.009		0.004	0.010		0.500		0.500			0.500	0.500	0.500	0.500	0.500	0.005		0.010	0.500	0.500	0.500	0.500	0.500		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP413	0.60		0.187	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP431	1.90		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP455	0.40		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP455	1.20		3.480	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP456	2.10		2.580	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TT404	0.60		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TT405	0.80		0.216	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP402	0.75		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP407	0.80		3.920	0.013	0.009		0.004	0.010		1.000		1.000			1.000	1.000	1.000	1.000	1.000	0.005		0.010	1.000	1.000	1.000	1.000	1.000		0.011		0.010	0.037	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TT403	2.00		0.621	0.013	0.009		0.004	0.010		0.200		0.200			0.200	0.200	0.200	0.200	0.200	0.005		0.010	0.200	0.200	0.200	0.200	0.200		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TT406	0.40		0.467	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.014	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	BH414	2.00		0.233	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	1.030	0.010			
	TT401	0.80		0.703	0.013	0.009		0.004	0.010		0.500		0.500			0.500	0.500	0.500	0.500	0.500	0.005		0.010	0.500	0.500	0.500	0.500	0.500		0.011		0.010	0.010	0.012	20.500	0.015	0.014	0.011	0.336	0.006	0.010			
	TP448	0.80		39.500	0.013	0.009		0.004	0.010		0.500		0.500			0.500	0.500	0.500	0.500	0.500	8.380		0.915	0.500	0.500	0.500	0.500	0.500		2.470		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP468	1.20		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.013		0.010	0.100	0.100	0.481	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP470	1.40		1.170	0.013	0.009		0.004	0.010		0.500		0.500			0.500	0.500	0.500	0.500	0.500	0.274		0.010	0.500	0.500	14.600	0.500	0.500		0.114		0.010	0.245	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP470	3.30		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.071		0.010	0.100	0.100	4.390	0.100	0.100		0.025		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP472	1.00		0.409	0.013	0.009		0.004	0.010		0.200		0.200			0.200	0.200	0.200	0.200	0.200	0.005		0.010	0.200	0.200	0.200	0.200	0.200		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP473	2.00		13.500	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.039		0.010	0.100	0.100	0.807	0.100	0.100		0.021		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP485	2.20		2.000	0.013	0.009		0.004	0.010		2.000		2.000			2.000	2.000	2.000	2.000	2.000	0.005		0.010	2.000	2.000	2.000	2.000	2.000		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.079	0.006	0.010			
	TP488	2.20		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	809.000	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP410	0.70		14.300	0.013	0.009		0.004	0.010		0.200		0.200			0.200	0.200	0.200	0.200	0.200	0.008		0.040	0.200	0.200	0.200	0.200	0.200		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP453	0.60		1.830	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.075		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.080	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP464	2.50		228.000	0.013	0.009		0.004	0.010		0.500		0.500			0.500	0.500	0.500	0.500	0.500	0.900		0.651	0.500	0.500	0.500	0.500	0.500		0.460		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP451	1.30		1.060	0.013	0.009		0.004	0.010		0.500		0.500			0.500	0.500	0.500	0.500	0.500	0.018		0.010	0.500	0.500	1.200	0.500	0.500		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP445	1.50		0.619	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.064	0.015	0.014	0.011	0.244	0.006	0.010			
	TP466	1.30		0.252	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.008		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	BH411	6.30		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP464	0.50		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.010			
	TP464	2.00		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.021	0.006	0.010			
	TP437	1.50		0.179	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.141		0.010	0.100	0.100	0.318	0.100	0.100		0.060		0.064	0.174	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.006			
	TP463	1.20		0.758	0.013	0.009		0.004	0.010		0.200		0.200			0.200	0.200	0.200	0.200	0.200	0.005		0.010	0.200	0.200	3.140	0.200	0.200		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.009	0.006	0.006			
	TP422	0.30		0.100	0.013	0.009		0.004	0.010		0.100		0.100			0.100	0.100	0.100	0.100	0.100	0.005		0.010	0.100	0.100	0.100	0.100	0.100		0.011		0.010	0.010	0.012	0.005	0.015	0.014	0.011	0.037	0.006	0.006			
		Minimum		0.100	0.000	0.000	0.100	0.004	0.010	1.000	0.100	7.400	0.000	0.100	0.100	0.100	0.012	0.100	0.100	0.100	0.005	2.200	0.001	0.100	0.100	0.001	0.100	0.100	0.001	0.003	0.040	0.005	0.004	0.005	0.004	0.015	0.014	0.005	0.005	0.005	0.005	0.020	0.100	0.001
		Maximum		2600.00	50.00	50.00	2.00	0.40	1.00	7.20	50.00	7.40	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	8.38	2.20	1.00	2.00	2.00	809.00	2.00	50.00	5.00	3.20	0.40	47.10	1.00	1.20	20.50	1.50	1.40	1.10	0.90	11.60	1.30	0.20	2.00	5.00
		Average		25.300	0.418	0.690	0.575	0.007	0.018	4.219	0.599	7.400	0.592	0.829	0.915	0.694	0.545	0.691	0.690	0.690	0.105	2.200	0.024	0.270	0.270	13.563	0.320	0.758	0.715	0.062	0.097	0.330	0.020	0.019	0.144	0.039	0.023	0.020	0.020	0.106	0.034	0.049	1.025	0.715
		Number of Samples		142	169	145	4	123	123	4	160	1	162	92	96	136	169	127	136	136	162	1	158	64	64	96	73	136	7	152	12	159	157	158	157	64	147	132	156	132	137	12	4	7
		No. > TSV		3	0	0	0	0	0	0	0	0	0	0	0	4	3	0	4	0	0	0	0	0	0	11	0	3	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0
		% > TSV		2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.8	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.2	0.0	0.0	0.0

Indicates samples e

TSV Source
- EA TSV
- EIC/AGS/CLAIRE
- LQM/CIEH
- WYG Screening Valu
- Atrisk Values

Note the ERM 2007 report indicated that various SVOCs / VOCs were below the laboratory limit of detection (LOD); however the LOD was not stated in the report and the results were listed as 'ND' for Not Detected. For screening purposes these results have been replaced by a value of 0.001mg/kg and are shown in bold

Screened Soil Results - Petroleum hydrocarbon

Report Source	Exploratory Hole	Depth (metres)	Strata	Aliphatics C5-C6	Aliphatic <C5-C7	Aliphatics <C6-C8	Aliphatic <C7-C8	Aliphatics <C8-C10	Aliphatics <C10-C12	Aliphatics <C12-C16	Aliphatics <C16-C21	Aliphatics <C21-C35	Aliphatics<C16C35	Total Aliphatics C5-C35	Aromatic<C5-C7 (benzene)	Aromatics C6-C7	Aromatics <C7-C8 (toluene)	Aromatic <C8-C9	Aromatic <C9-C10	Aromatics <EC8-EC10	Aromatics <EC10-EC12	Aromatics <EC12-EC16	Aromatics <EC16-EC21	Aromatics <EC21-EC35	Total Aromatics C6-C35	TPH (Aliphatics & Aromatics C5-C35	EPH <C10-C12	EPH <C12-C16	EPH <C16-C21	EPH <C21-C28	EPH <C28-C36	Maximum MBTE	Maximum Benzene	Maximum Toulene	Maximum Ethylbenzene	Xylenes	M & P & O Xylene (sum)	Maximum m/p Xylene	Maximum O Xylene
				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/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/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	kg/kg	mg/kg	mg/kg	mg/kg
	TSV Outdoor areas			1100	769	769	769	12000	24000	24200	488000	488000	488000		129	129	109000	9510	9510	9510	9660	9710	7310	7310			9660	9710	7310	7310	7310	220	95	4400	2800	2600	2600	2600	2600
Aspinwalls 1995	A1	1.00	MG																														0.005	0.005	0.005			0.005	0.005
	A2	0.60	MG																														0.005	0.005	0.005			0.005	0.005
	A3	1.00	MG																														0.005	0.005	0.005			0.005	0.005
	A4	1.00	MG																														0.005	0.005	0.005			0.005	0.005
	CC3	0.65	MG																														0.005	0.005	0.005			0.005	0.005
	CC8	2.1	MG																														0.005	0.005	0.005			0.005	0.005
	CC9	0.5	MG																														0.005	10	0.005			0.006	0.005
	CC21	2.1	MG																														0.005	0.007	0.005			0.005	0.005
	CC23	3.4	MG																														0.005	0.005	0.005			0.005	0.005
URS 2006	BH101	1.2 - 1.3	MG																																				
	BH102	1	MG																																				
	BH102	1.3	MG			0.292			1.237	16.938	282.646	1351.969		1653.082			44.708				1.856	0.91	6.089	35.809	89.372	1742.454									115.07	1.36				1.994
	BH103	0.95	MG																																				
	BH103	1.9	MG																														0.012	0.03	0.007			0.031	0.011
	BH104	1.8	MG																																				
	BH104	2.8	MG							0.515	0.316	0.473		1.304								0.288	0.453	0.334	1.075	2.379													
	BH105	0.6-0.7	MG																																				
	BH106	0.8	MG																																				
	BH107	1.0-1.3	MG																																				
	BH107	1.3	MG																																0.015	0.008			0.016	
	BH107	2.0	MG																																0.009	0.014			0.019	0.009
	BH108	0.65	MG																																				
	BH108	0.7	MG																																				
	BH109	0.5	MG																																				
	BH109	1.7	MG																																				
	BH110	0.85	MG																																				
	BH110	1.3	MG			1.466		0.181		0.334	0.122	0.902		3.005		0.051				0.327		0.11	0.154	0.307	0.949	3.954						0.034	0.004	0.012	0.017			0.098	0.048
	BH111	0.4	MG																																				
	BH111	0.9	MG							0.604	0.585	0.55		1.739								1.119	4.233	37.136	42.488	44.227							0.007	0.007	0.007			0.033	0.016
	BH111	1.6	MG																														0.01	0.004	0.001			0.007	0.001
	BH112	0.7	MG																																				
	BH112	1.9	MG							121.223	75.593	53.346		250.162								58.83	351.904	925.215	1335.949	1586.111							0.001					0.007	
	BH113	0.5-0.6	MG																																				
	BH113	2.25	MG					0.764	9.409	119.954	31.183	687.418		848.728						1.146	14.113	0.606	58.387	167.871	242.123	1090.851							0.002	0.002				0.002	
	BH114	0.8	MG																																				
	BH114	3.2	MG			0.1		0.609	2.35	22.908	16.604	35.285		77.856		0.061	0.035			0.974	3.526	13.333	64.774	148.676	231.379	309.235						0.03	0.061	0.035	0.023			0.061	0.04
	BH115	0.9	MG																																				
	BH115	2.3	MG					0.032	0.171	1.161	13.385	71		85.749		0.033	0.088			0.126	0.257	0.354	2.337	17.953	21.148	106.897						0.027	0.033	0.091	0.023			0.061	0.012
	BH116	0.5	MG													0.088	0.126			0.257	0.354	2.337	17.953	21.148	106.897	0.734													
	BH116	0.8	MG																															0.002	0.002			0.004	
	BH117	0.7	MG																																				
	BH117	2.6	MG																																				
	BH118	0.8	MG																																				
	BH118	1.2	MG					0.346	0.676	20.502	19.053	16.204		56.781		0.038				0.52	1.013	17.854	113.76	222.122	355.307	412.088							0.038	0.003	0.008			0.014	0.008
	BH119	1.3	MG																																				
	BH119	1.45	MG					0.063	0.151	30.653	24.573	18.708		74.148		0.037	0.126			0.207	0.226	4.412	6.905	9.057	20.97	95.118							0.037	0.126	0.073			0.171	0.057
	BH120	0.85	MG																																				
	TP201	2	MG																																				
	TP202	2	MG																																				
	TP203	1.00	MG																																				
	TP203	2.0	MG																																				
	TP204	1.0	MG																																				
	TP204	2.00	MG																																				
	TP205	1.0	MG																																				
	TP205	2.5	MG																																0.019	0.005			0.012	
	TP206	2.0	MG					0.024		7.695	113.228	4831.159		4952.106						0.035		1.829	6.547	93.71	102.121	5054.227							0.005	0.009	0.053			0.096	0.031
	TP207	1.0	MG																																				
	TP207	3.0	MG																																0.045	0.048			0.088	0.019
	TP208	1.7	MG							18.501	42.999	262.792		324.292		0.359				0.043		171.648	63.215	320.343	555.608	879.9							0.359		0.043				
	TP209	2.0	MG																														0.01		0.024			0.027	0.016
	TP211	1.0	MG																																				
	TP212	2.0	MG																																				
	TP214	1.0	MG																																				
	TP01	1.40	NG																																				
	TP02	0.80	MG																																				
	TP03	1.45	NG		0.01		0.01	10	10	10	11.569	11.649			10		10			10	10	10	14.543	65.178		102.94					10	0.01	0.01	0.01	0.01			
	TP04	1.30	MG																																				
	TP04	1.80	MG																																				
	TP05	3.40	MG																																				
	TP05	4.00	NG		0.01		0.01	10	10	10	10	10			10		198			10	10	10	10	11.515		11.713					10	0.01	0.01	0.01	0.01			
	TP06	2.70	MG																																				
	TP07	1.70	NG																																				

Screened Soil Results - Petroleum hydrocarbon

Report Source	Exploratory Hole	Depth (metres)	Strata	Aliphatics C5-C6	Aliphatic <C5-C7	Aliphatics <C6-C8	Aliphatic <C7-C8	Aliphatics <C8-C10	Aliphatics <C10-C12	Aliphatics <C12-C16	Aliphatics <C16-C21	Aliphatics <C21-C35	Aliphatics<C16C35	Total Aliphatics C5-C35	Aromatic<C5-C7 (benzene)	Aromatics C6-C7	Aromatics <C7-C8 (toluene)	Aromatic <C8-C9	Aromatic <C9-C10	Aromatics <EC8-EC10	Aromatics <EC10-EC12	Aromatics <EC12-EC16	Aromatics <EC16-EC21	Aromatics <EC21-EC35	Total Aromatics C6-C35	TPH (Aliphatics & Aromatics C5-C35	EPH <C10-C12	EPH <C12-C16	EPH <C16-C21	EPH <C21-C28	EPH <C28-C36	Maximum MBTE	Maximum Benzene	Maximum Toulene	Maximum Ethylbenzene	Xylenes	M & P & O Xylene (sum)	Maximum m/p Xylene	Maximum 0 Xylene
				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/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/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	mg/kg	mg/kg	mg/kg
	TSV Outdoor areas			1100	769	769	769	12000	24000	24200	488000	488000	488000		129	129	109000	9510	9510	9510	9660	9710	7310	7310			9660	9710	7310	7310	7310	220	95	4400	2800	2600	2600	2600	2600
Capita Symonds 2006	TP08	1.60	MG																																					
	TP09	2.60	MG																																					
	TP09	2.95	NG																																					
	TP10	0.75	MG																																					
	WS02	2.00	NG																																					
	WS03	1.30	MG		0.01		0.01	10	10	633.584	894.36	269.41			10		10				10	10	30.643	77.892	66.862		2021.098						10	0.01	0.01	0.01	0.01			
	WS03	2.15	NG																																					
	WS04	1.45	MG		0.118		0.01	10	10	215.101	406.726	80.351			28		2.248				10	10	80.67	426.258	225.171		1447.77						10	0.01	0.028	1.324	0.924			
	WS04	1.95	NG																																					
	WS05	1.65	NG																																					
	WS06B	1.50	MG		13		10	10	10	10	19.187	14.058			19		0.297				10	10	10	20.325	50.421		104.32						10	0.01	0.019	0.063	0.235			
	WS06B	1.90	MG																																					
	WS06B	2.50	NG		10		10	10	10	30.006	65.806	57.681			61		0.693				10	10	10.026	50.564	72.401		287.238						10	0.044	0.019	0.177	0.516			
	WS08	1.80	NG																																					
	WS10C	2.10	MG																																					
	WS11	0.80	NG																																					
	WS12	1.10	NG																																					
	WS09	0.85	MG																																					
ERM 2007	BHS301	0.6-0.7	MG	0.01		0.01		0.01	0.022	130	460	860		1500		0.01	0.01			0.01	0.033	460	1500	5000	7000	8500						0.01	0.01	0.01	0.01			0.01	0.01
	BHS301	3.4-3.6																														0.011	0.009	0.005	0.004			0.014	0.01
	BHS302	1.5-2.0	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	0.1						0.01	0.01	0.01	0.01			0.01	0.01
	BHS302	2.8-3.0	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	0.89	5.6	6.5	6.5						0.011	0.01	0.01	0.01			0.014	0.01
	BHS303	0.7-1.0	MG	0.01		0.01		0.01	0.01	3	7.9	5.7		17		0.01	0.01			0.01	0.01	2.4	9	45	56	73						0.011	0.01	0.01	0.01			0.014	0.01
	BHS303	1.8-2.0	GT	0.01		0.01		0.01	0.01	1.9	1.6	0.19		3.7		0.01	0.01			0.01	0.01	0.71	0.1	0.1	0.71	4.4						0.011	0.01	0.01	0.01			0.014	0.01
	BHS304	0.9-1.3	MG	0.01		0.01		0.01	0.01	7.5	6.7	0.1		14		0.014	0.01			0.01	0.01	5.6	14	51	70	85						0.011	0.014	0.014	0.011			0.014	0.01
	BHS304	2.4-2.6	GT	0.01		0.01		0.01	0.01	0.1	44	92		140		0.01	0.01			0.01	0.01	0.1	0.1	100	100	240						0.01	0.01	0.01	0.01			0.01	0.01
	BHS304	3.8-4.0																														0.011	0.019	0.022	0.016			0.032	0.01
	BHS305	0.75-0.9	MG	0.01		0.01		0.01	0.01	2.2	1.4	0.18		3.8		0.01	0.01			0.01	0.01	2.5	0.47	0.7	3.6	7.5						0.011	0.01	0.01	0.01			0.014	0.01
	BHS305	1.0-1.4																														0.011	0.009	0.005	0.004			0.014	0.01
	BHS305	2.8-3.0	GT	0.01		0.01		0.01	0.01	4.7	6	0.67		11		0.01	0.01			0.01	0.01	0.38	0.2	0.19	0.77	12						0.01	0.01	0.01	0.01			0.01	0.01
	BHS307	0.5-0.9	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.32	0.1	0.1	0.32	0.32						0.01	0.01	0.01	0.01			0.01	0.01
	BHS307	2.7-3.0	GT	0.01		0.01		0.01	0.01	0.1	0.1	0.26		0.26		0.01	0.21			0.01	0.01	0.1	0.1	0.1	0.21	0.47						0.011	0.01	0.21	0.01			0.014	0.01
	BHS307	3.8-4.0																														0.011	0.009	0.013	0.013			0.031	0.01
	BHS308	1.0-1.5	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.024	0.01			0.01	0.01	0.1	0.1	0.1	0.1	0.1						0.011	0.024	0.01	0.01			0.014	0.01
	BHS308	2.8-3.0	GT	0.01		0.01		0.01	0.39	4.4	44	150		200		0.01	0.01			0.01	0.58	530	8.5	19	550	750						0.011	0.01	0.01	0.01			0.014	0.01
	BHS309	0.6-1.0	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	0.1						0.011	0.01	0.01	0.01			0.014	0.01
	BHS309	1.6-1.9	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	0.1						0.01	0.01	0.01	0.01			0.01	0.01
	BHS309	2.8-3.0																														0.011	0.009	0.005	0.004			0.014	0.01
	BHS310	0.2-0.8	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	0.1						0.011	0.01	0.01	0.01			0.014	0.01
	BHS311	0.25-0.5	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	0.1						0.01	0.01	0.01	0.01			0.01	0.01
	BHS311	1.8-2.2																														0.011	0.009	0.005	0.004			0.014	0.01
	BHS312	0.5-0.7	MG	0.01		0.01		0.01	0.01	9	14	34		57		0.01	0.01			0.01	0.01	4.3	21	110	140	200						0.011	0.01	0.01	0.01			0.014	0.01
	BHS312	2.8-3.0	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	0.1						0.01	0.01	0.01	0.01			0.01	0.01
	BHS313	0.8-1.0	MG	0.01		0.01		0.01	0.01	5.2	3.6	1.5		10		0.01	0.01			0.01	0.01	5.4	8.4	31	45	55						0.011	0.01	0.01	0.01			0.014	0.01
	BHS313	2.55-2.6	GT	0.01		0.01		0.01	0.01	9.7	10	13		33		0.01	0.01			0.01	0.01	32	56	150	240	280						0.01	0.01	0.01	0.01			0.01	0.01
	BHS314	0.2-0.4	MG	0.01		0.01		0.01	0.01	9.5	14	93		120		0.01	0.01			0.01	0.01	26	35	110	170	280						0.011	0.01	0.01	0.01			0.014	0.01
	BHS314	2.5-3.0	MG	0.024		0.029		0.01	0.01	5	6.1	6.2		17		0.038	0.074			0.044	0.01	3.9	4.2	3.7	12	29						0.011	0.038	0.081	0.016			0.051	0.01
	BHS315	0.3-0.5	MG	0.01		0.01		0.01	0.01	22	18	100		140		0.01	0.01			0.01	0.01	40	86	420	550	700						0.011	0.01	0.01	0.01			0.014	0.01
	BHS315	2.2-2.4	GT	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	0.1						0.01	0.01	0.01	0.01			0.01	0.01
	BHS316	0.80-1.00	MG	0.01		0.01		0.036	0.088	0.48	1.5	22		24		0.01	0.01			0.12	0.13	46	160	560	770	790						0.01	0.01	0.01	0.01			0.032	0.033
	BHS316	1.30-1.40	MG	0.01		0.01		0.01	0.01	0.1	2.2	14		16		0.01	0.01			0.01	0.01	2.9	2.2	7.5	13	29						0.011	0.01	0.01	0.01			0.014	0.01
	BHS317	0.3-0.6																														0.011	0.009	0.007	0.004			0.014	0.01
	BHS317	2.4-2.6																														0.011	0.009	0.022	0.004			0.014	0.01
	BHS317	3.1-3.15	MG	0.01		0.01		0.01	0.01	1.9	2.2	30		34		0.01	0.01			0.01	0.01	13	27	99	10	170						0.01	0.01	0.01	0.01			0.01	0.01
	BHS317	3.9-4.0	GT	0.01		0.01		0.01	0.01	0.94	1.2	5.1		7.2		0.01	0.01			0.01	0.01	30	6	0.81	37	44						0.01	0.01	0.01	0.01			0.01	0.01
	BHS318	2.-2.4	MG	0.01		0.01		0.01	0.01	8.3	11	31		50		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	50						0.01	0.01	0.01	0.01			0.01	0.01
	BHS318	2.45-2.5	GT	0.01		0.01		0.01	0.016	9.8	12	33		54		0.049	0.01			0.035	0.024	0.1	0.1	0.1	0.11	55						0.011	0.059	0.01	0.01			0.029	0.023
	BHS319	0.6-0.8	MG	0.01		0.01		0.01	0.01	1.5	25	130		160		0.023	0.022			0.01	0.01	6	11	100	120	270						0.011	0.023	0.036	0.02			0.038	0.017
	BHS319	0.8-1.0	MG																																					
	BHS319	2.8-3.0	GT	0.01		0.01		0.85	5.7	9.7	15	7.6		39		0.14	0.06			2.8	8.6	310	280	110	700	740						0.011	0.14	0.06	0.38			0.85	0.33
	BHS320	0.3-0.6	MG	0.01		0.01		0.01	0.27	0.96	2.3	29		33		0.034	0.015			0.01	0.4	0.1	6.6	22	30	62						0.011	0.034	0.015	0.01			0.014	0.01
	BHS321	0.25-0.5																														0.011	0.009	0.005	0.004			0.014	0.01
	BHS321	2.8-3	GT	0.01		0.01		0.01	0.01	9.1	12	0.1		21		0.01	0.01			0.01	0.01	100	260	340	700	720						0.01	0.01	0.01	0.01			0.01	0.01
	BHS322	1.50-1.70	MG	0.043		0.01		0.64	3.9	1000	850	1400		3300		0.4	0.1			1.6	5.8	4800	7400	7400	20000	23000						0.011	2.1	1.2	3.8			7.4	4
	BHS322	3.6-4.0	GT	0.01		0.01		0.01	0.01	0.46	0.68	53		54		0.01	0.01			0.01	0.01	0.58	3.5	39	43	96						0.01	0.01	0.01	0.01			0.01	0.01
	BHS323	2-2.8	MG	0.01		0.01		0.12	1.6	20	1.3	0.1		23		0.078	0.01			0.22	2.4	670	1400	2100	4200	4200						0.011	0.13	0.024	0.13			0.12	0.071
	BHS323	3.8-4	GT	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	55	390	440	440						0.011	0.01	0.01	0.01			0.014	0.01
	BHS324	2.0-3.0	MG	0.18		0.43		1	3.1	1.3	6.2	100		110		1.3	0.02			1.8	4.7	48	51	98	200	320						0.011	1.3	0.02	0.15			0.031	0.028
	BHS324	3.4-3.5	GT	0.01		0.01		0.01	0.021	0.79	1.3	3.4		5.5		0.01	0.01			0.01	0.032	0.1	0.1	0.1	0.1	5.5						0.01	0.01	0.01	0.01			0.01	0.01
	BHS325	0.6-0.8																														0.011	0.012	0.016	0.01			0.019	0.01
	BHS325	2.4-2.6	MG	0.23		1.2		6.7	2.4	51	570	2700		3400		0.72	0.01			10	3.6	0.1	0.1	150	160	3500						0.011	1.1	0.027	1.9			0.28	0.13
	BHS325	3.8-4.0	GT	0.01		0.01		0.01	0.01	0.22	1.1	0.59		1.9		0.016	0.01			0.01	0.01	0.1	0.1	7.2	7.2	9.1						0.01	0.016	0.01	0.01			0.01	0.01
	BHS326	0.20-0.80	MG	0.01		0.01		0.01	0.01	0.1	0.1	21		21		0.01	0.01			0.01	0.01	0.1	2.3	17	19	40						0.011	0.01	0.01	0.01			0.014	0.01
	BHS326	3.8-4.0	GT	0.01		0.01		0.01	0.01	0.1	1.1	24		25		0.01	0.01			0.01	0.01	0.1	1.1	7	8.1	34						0.01	0.01	0.01	0.01			0.01	0.01

A64184 Openshaw West

Screened Soil Results - Petroleum hydrocarbon

Report Source	Exploratory Hole	Depth (metres)	Strata	Aliphatics C5-C6	Aliphatic <C5-C7	Aliphatic <C6-C8	Aliphatic <C7-C8	Aliphatics <C8-C10	Aliphatics <C10-C12	Aliphatics <C12-C16	Aliphatics <C16-C21	Aliphatics <C21-C35	Aliphatics<C16C35	Total Aliphatics C5-C35	Aromatic<C5-C7 (benzene)	Aromatics C6-C7	Aromatics <C7-C8 (toluene)	Aromatic <C8-C9	Aromatic <C9-C10	Aromatics <EC8-EC10	Aromatics <EC10-EC12	Aromatics <EC12-EC16	Aromatics <EC16-EC21	Aromatics <EC21-EC35	Total Aromatics C6-C35	TPH (Aliphatics & Aromatics C5-C35	EPH <C10-C12	EPH <C12-C16	EPH <C16-C21	EPH <C21-C28	EPH <C28-C36	Maximum MBTE	Maximum Benzene	Maximum Toulene	Maximum Ethylbenzene	Xylenes	M & P & O Xylene (sum)	Maximum m/p Xylene	Maximum O Xylene
				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/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/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	TSV Outdoor areas			1100	769	769	769	12000	24000	24200	488000	488000	488000		129	129	109000	9510	9510	9510	9660	9710	7310	7310			9660	9710	7310	7310	7310	220	95	4400	2800	2600	2600	2600	2600
	BHS327	0.4-0.6	MG	0.01		0.01		0.01	0.01	0.1	0.19	65		65		0.01	0.01			0.01	0.01	0.7	0.1	66	67	130						0.01	0.01	0.01	0.01			0.01	0.01
	BHS327	2.8-3.0	GT	0.01		0.01		0.01	0.01	2.5	2.2	0.21		4.9		0.01	0.01			0.01	0.01	0.85	0.1	0.1	0.85	5.7						0.011	0.01	0.01	0.01			0.014	0.01
	BHS328	0.80-1.00	MG	0.01		0.01		0.01	0.01	8.4	37	200		250		0.01	0.01			0.01	0.01	3.8	16	230	250	500						0.011	0.01	0.01	0.01			0.014	0.01
	BHS328	3.8-4.0	GT	0.01		0.01		0.01	0.01	6.9	8.5	17		32		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	32						0.01	0.01	0.01	0.01			0.01	0.01
	BHS329	0.40-0.60	MG	0.01		0.01		0.01	0.01	6.4	9.8	52		68		0.01	0.01			0.01	0.01	1.3	5.3	34	40	110						0.011	0.01	0.01	0.01			0.014	0.01
	BHS329	1.00-1.20	GT	0.01		0.01		0.01	0.058	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.087	0.1	0.1	0.1	0.1	0.15						0.011	0.01	0.01	0.01			0.014	0.01
	BHS330	0.80-1.00	MG	0.01		0.01		0.01	0.01	0.1	71	1900		2000		0.01	0.01			0.01	0.01	10	44	2000	2000	4100						0.01	0.01	0.01	0.01			0.01	0.01
	BHS330	1.00-1.10	GT	0.01		0.01		0.01	0.01	0.1	2.3	48		51		0.01	0.01			0.01	0.01	0.41	8.8	39	49	99						0.011	0.01	0.01	0.01			0.014	0.01
	BHS331	0.20-0.40	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	7.5	34	120	170	170						0.011	0.01	0.01	0.01			0.014	0.01
	BHS331B	0.50-0.60	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	4	20	100	130	130						0.01	0.01	0.01	0.01			0.01	0.01
	BHS332	0.30-0.50	MG	0.01		0.01		0.01	0.01	0.61	2.1	20		23		0.01	0.01			0.01	0.01	5.4	23	99	130	150						0.011	0.01	0.01	0.01			0.014	0.01
	BHS332	1.80-2.00	MG	0.01		0.01		0.01	0.01	1.2	4.9	32		38		0.01	0.01			0.01	0.01	120	470	1200	1800	1900						0.011	0.01	0.01	0.01			0.014	0.01
	BHS333	0.30-0.50	MG	0.01		0.01		0.01	0.01	46	46	150		240		0.01	0.01			0.01	0.01	7.6	7.8	33	48	290						0.011	0.01	0.01	0.01			0.014	0.01
	BHS334	0.95-1.00	MG	0.01		0.01		0.01	0.01	0.28	1.9	15		17		0.01	0.01			0.01	0.01	17	84	380	480	500						0.011	0.01	0.01	0.01			0.014	0.01
	BHS334	1.80-2.00	GT	0.01		0.01		0.01	0.01	1.4	0.15	0.1		1.6		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	1.6						0.01	0.01	0.01	0.01			0.01	0.01
	BHS335	0.60-0.80	MG	0.01		0.01		0.01	0.01	16	16	42		73		0.01	0.01			0.01	0.01	24	62	210	300	370						0.011	0.01	0.078	0.01			0.014	0.01
	BHS335	1.40-1.50	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.19	3.1	31	34	34						0.01	0.01	0.01	0.01			0.01	0.01
	BHS1201	1.0-1.2	MG	0.01		0.01		0.01	0.01	1	1.7	27		29		0.01	0.01			0.01	0.01	1.6	0.97	6.6	9.2	38						0.01	0.01	0.01	0.01			0.01	0.01
	BHI201	6.8-7.0																														0.011	0.009	0.005	0.004			0.014	0.01
	BHS1202	1.9-2.0	MG	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.025	0.01	2	7.1	66	75	75						0.011	0.01	0.01	0.01			0.014	0.01
	BHS1202	3.0-3.2	GT	0.01		0.01		0.01	0.01	5.7	7.4	0.13		13		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	13						0.01	0.01	0.01	0.01			0.01	0.01
	BHI203	2.10-2.25																														0.011	0.009	0.005	0.004			0.014	0.01
	BHS1203	0.90-1.00	MG	0.01		0.01		0.01	0.045	0.1	1.5	97		99		0.01	0.01			0.01	0.067	33	130	570	730	830						0.01	0.01	0.01	0.01			0.01	0.01
	BHS1203	6.9-7.00	GT	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	2	13	15	15						0.01	0.01	0.01	0.01			0.01	0.01
	BHS1204	1.0-1.5	MG	0.01		0.01		0.01	0.18	57	140	83		280		0.01	0.01			0.01	0.26	24	71	110	200	480						0.011	0.01	0.01	0.01			0.014	0.01
	BHS1204	2.0-2.2	GT	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	0.1						0.01	0.01	0.01	0.01			0.01	0.01
	BHS1205	1.5-1.7	MG	0.01		0.01		0.01	0.01	0.1	0.1	14		14		0.01	0.01			0.01	0.01	3.9	31	190	230	240						0.01	0.01	0.01	0.01			0.01	0.01
	BHI205	2.8-3.0																														0.011	0.009	0.005	0.004			0.014	0.01
	BHS1205	6.5-6.6	GT	0.01		0.01		0.01	0.01	0.1	0.1	0.1		0.1		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	0.1						0.01	0.01	0.01	0.01			0.01	0.01
	BHI206	1.6-2.1																														0.011	0.021	0.005	0.018			0.014	0.01
	BHS1206	3.0-3.5	GT	0.01		0.01		0.01	0.01	2.5	1.5	4.1		8.1		0.01	0.01			0.01	0.01	6.2	14	15	35	43						0.01	0.01	0.01	0.01			0.01	0.01
	BH1206	6.0-6.5	GT	0.01		0.01		0.01	0.01	3.3	2.2	0.39		5.9		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	5.9						0.01	0.01	0.01	0.01			0.01	0.01
	BH1207	3.5-3.8	GT	0.01		0.01		0.01	0.033	5.3	5.5	11		22		0.01	0.01			0.01	0.05	6.3	4.6	10	21	43						0.011	0.01	0.01	0.01			0.014	0.01
	BH1207	4.8-5.0	GT	0.01		0.01		0.01	0.01	7.2	5	7.9		20		0.01	0.01			0.01	0.01	1.9	0.74	4.5	7.1	27						0.01	0.01	0.01	0.01			0.01	0.01
	BH1208	1.5-1.7	MG	0.029		0.01		0.01	0.01	1.3	4.6	5.7		12		0.01	0.01			0.038	0.01	0.1	0.1	0.1	0.12	12						0.01	0.019	0.062	0.01			0.038	0.01
	BH1208	4.0-4.2	GT	0.01		0.01		0.01	0.01	0.83	3.4	6.7		11		0.01	0.01			0.01	0.01	0.1	0.1	0.1	0.1	11						0.011	0.01	0.01	0.01			0.014	0.01
	BH1209	0.60-1.00	MG	0.01		0.01		3.3	0.093	2	5.6	10		21		0.23	0.01			4.9	0.14	8.3	60	74	150	170						0.01	0.23	0.01	0.01			0.01	0.01
	BH1209	3.90-4.00	GT	0.01		0.01		0.1	0.01	3.3	6.4	5.5		15		0.01	0.01			0.15	0.01	2.9	6.1	18	27	42						0.011	0.01	0.01	0.01			0.014	0.01
	BHD103	2.20-2.30																														0.011	0.009	0.005	0.004			0.014	0.01
	BHD103	5.5-5.6	GT	0.01		0.01		0.01	0.01	1.5	2.3	0.26		4.1		0.01	0.01			0.01	0.01	6.4	0.45	0.1	6.9	11						0.01	0.01	0.01	0.01			0.01	0.01
	BHS103	8.2-8.4																														0.011	0.004	0.01	0.005			0.014	
	BHD103	10.5-10.6																														0.011	0.004	0.01	0.005			0.014	
ERM 2008	BH1	0.7-0.8		0.01		0.01		0.01	0.01	4			19.8			0.01	0.01			0.01	0.01	8.1	64	330								0.01	0.01	0.01	0.01		0.02		
	BH1	3.8-4.0																																0.01	0.04		0.02		
	BH2	0.7-0.8																																					
	BH2	3.5-3.6		0.01		0.01		0.01	0.01	30			1110			0.01	0.01			0.01	0.01	20	170	750								0.01	0.01	0.01	0.01		0.02		
	BH3	0.5-0.7																																					
	BH3	1.5-1.7		0.01		0.01		0.01	0.01	13			201			0.01	0.01			0.01	0.01	2.6	22	130								0.01	0.01	0.01	0.04		0.02		
	BH4	0.5-0.7																																					
	BH5	0.8-1.0																																					
	BH6	0.4-0.5		0.01		0.01		0.01	82	420			13000			0.01	0.01			0.01	0.01	14	63	980								0.01	0.01	0.01	0.01		0.02		
	BH6	3.5-3.7		0.01		0.01		0.01	0.01	5.7			18.4			0.01	0.01			0.01	0.01	2	4	17								0.01	0.01	0.01	0.04		0.02		
	BH7	0.2-0.3																																					
	BH8	0.5-0.7																																					
	M1	1.7		0.01		0.01		0.01	0.01	16			41			0.01	0.01			0.01	0.01	18	63	220								0.01	0.01	0.01	0.04		0.02		
	TP1A	0.3-0.4																																					
	TP1A	1.4-1.5		0.01		0.01		0.01	0.01	7.8			1381			0.01	0.01			0.01	0.01	0.01	18	530								0.01	0.01	0.01	0.04		0.02		
	TP1A	1.7-1.8		0.01		0.01		0.01	0.01	2			18.5			0.01	0.01			0.01	0.01	0.01	1.5	20								0.01	0.01	0.01	0.04		0.02		
	TP2	0.05-0.6																																					
	TP2	2-2.2		0.01		0.01		0.01	0.01	23			71			0.01	0.01			0.01	0.01	14	40	160								0.01	0.01	0.01	0.04		0.02		
	TP2	3.8-3.9		0.01		0.01		0.01	0.01	2.2			8			0.01	0.01			0.01	0.01	0.01	1.3	41								0.01	0.01	0.01	0.04		0.02		
	TP3	0.9-1																																					
	TP3	3-3.1		0.01		0.01		0.01	0.01	91			280			0.01	0.01			0.01	0.01	61	100	400								0.01	0.01	0.01	0.01		0.02		
	TP3	3.9-4.0		0.01		0.01		0.01	0.01	0.01			0.02			0.01	0.01			0.01	0.01	0.1	0.1	20								0.01	0.01	0.01	0.01		0.02		
	TP4	0.9-1.0																																0.01	0.04		0.02		
	TP4	3.9-4																																0.01	0.009		0.02		
	TP5	0.3-0.4																																					
	TP5	1.9-2		0.01		0.01		0.01	0.01	4.6			10.5			0.01	0.01			0.01	0.01	0.01	2.1	22								0.01	0.01	0.01	0.01		0.02		
	TP5	3.9-4		0.01		0.01		0.01	0.01	3.2			3.5			0.01	0.01			0.01	0.01	0.01	1.5	36								0.01	0.01	0.01	0.01		0.02		
	TP6	4.1-4.2																																0.01	0.04		0.02		
	TP7	0.4-0.5																																					
	TP7	2.9-3.0		0.01		0.01		0.01	0.01	18			81			0.01	0.01			0.01	0.01	92	63	270								0.01	0.01	0.01	0.01		0.02		
	TP7	3.9-4.0		0.01		0.01		0.01	0.01	13			381			0.01	0.01			0.01	0.01	21	140	530								0.01	0.01	0.01	0.01		0.02		
	TP8	0.9-1.																																0.01	0.04		0.02		
	TP8	4-4.1																																					

Screened Soil Results - Petroleum hydrocarbon

Report Source	Exploratory Hole	Depth (metres)	Strata	Aliphatics C5-C6	Aliphatic <C5-C7	Aliphatic <C6-C8	Aliphatic <C7-C8	Aliphatics <C8-C10	Aliphatics <C10-C12	Aliphatics <C12-C16	Aliphatics <C16-C21	Aliphatics <C21-C35	Aliphatics<C16C35	Total Aliphatics C5-C35	Aromatic<C5-C7 (benzene)	Aromatics C6-C7	Aromatics <C7-C8 (toluene)	Aromatic <C8-C9	Aromatic <C9-C10	Aromatics <EC8-EC10	Aromatics <EC10-EC12	Aromatics <EC12-EC16	Aromatics <EC16-EC21	Aromatics <EC21-EC35	Total Aromatics C6-C35	TPH (Aliphatics & Aromatics C5-C35	EPH <C10-C12	EPH <C12-C16	EPH <C16-C21	EPH <C21-C28	EPH <C28-C36	Maximum MBTE	Maximum Benzene	Maximum Toulene	Maximum Ethylbenzene	Xylenes	M & P & O Xylene (sum)	Maximum m/p Xylene	Maximum O Xylene
				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/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/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	kg/kg	mg/kg	mg/kg	mg/kg
	TSV Outdoor areas			1100	769	769	769	12000	24000	24200	488000	488000	488000		129	129	109000	9510	9510	9510	9660	9710	7310	7310			9660	9710	7310	7310	7310	220	95	4400	2800	2600	2600	2600	2600
	TP9A	0.4-0.5																																0.01	0.04		0.02		
	TP9A	1.9-2.0		0.01		0.01		0.01	0.01	5.6			16.2			0.01	0.01			0.01	0.01	4.5	10	30								0.01	0.01	0.01	0.04		0.02		
	TP9A	4-4.1																																					
	TP10	0.9-1.0		0.01		0.01		0.01	0.01	59			238			0.01	0.01			0.01	0.01	26	84	340								0.01	0.01	0.01	0.04		0.02		
	TP10	2.4-2.5		0.01		0.01		0.01	0.01	27			62			0.01	0.01			0.01	0.01	12	35	110								0.01	0.01	0.01	0.04		0.02		
	TP10	3.9-4.0																																					
	TP11	0.9-10																																					
	TP11	3.75-3.85																																					
	TP12	0.9-1.0		0.01		0.01		0.01	0.01	10			201			0.01	0.01			0.01	0.01	4.3	40	300								0.01	0.01	0.01	0.04		0.02		
	TP12	2.4-2.5		0.01		0.01		0.01	0.01	1.4			8.5			0.01	0.01			0.01	0.01	0.1	0.1	23								0.01	0.01	0.01	0.04		0.03		
	TP12	4.0-4.1																																					
	TP13	1.4-1.5																																					
	TP13	3.7-3.8																																					
	TP14A	0.5																																					
	TP14A	0.2																																					
	TP15	0.9-1.0		0.01		0.01		0.01	0.01	65			310			0.01	0.01			0.01	0.01	63	120	380								0.01	0.01	0.01	0.04		0.03		
	TP15	3.7-3.8																																					
	TP16	0.5-0.6																																					
	TP16	2.5-2.6		0.01		0.01		0.01	0.01	12			53			0.01	0.01			0.01	0.01	12	45	160								0.01	0.01	0.01	0.04		0.03		
	TP16	3.7-3.8		0.01		0.01		1.1	5	110			281			0.1	0.1			1.6	7.5	11	81	290								0.01	0.01	0.01	0.04		0.03		
	TP17	0.5-0.6																																					
	TP17	1.3-1.5		0.01		0.01		0.01	0.01	31			143			0.1	0.1			0.01	0.01	1.6	17	49								0.01	0.01	0.01	0.04		0.03		
	TP17	3.6-3.7		0.01		0.01		0.01	0.01	0.1			0.02			0.01	0.01			0.01	0.01	0.1	0.01	0.9								0.01	0.01	0.01	0.04		0.03		
	TP18	0.5-0.6																																					
	TP18	3.4-3.5																																					
	BH401	0.50		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		0.1	2.3	29.3	13.8	45.4	45.4	10	10	20	33	16	0.011	0.016	0.0158	0.01		0.014	0.01	
	BH401	1.50		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.03	0.01		0.1	0.1	0.1	0.1	0.1	0.1	10	10	10	10	10	0.011	0.01	0.01	0.01		0.03	0.01	
	BH401	2.00																									10	10	14	14	10								
	BH402	0.50		0.01		0.01		0.01	15.8	71.8	38.3	442		568	0.01		0.01	0.01	0.01		16.5	133	68.7	529	747	1320	29	205	141	494	656	0.011	0.01	0.01	0.01		0.014	0.01	
	TP402	0.75																									10	10	10	10	22	0.011	0.009	0.005	0.004		0.014	0.01	
	BH402	0.60																																					
	BH402	3.00																																					
	BH403	0.50																														0.011	0.009	0.0116	0.00817		0.0278	0.0214	
	BH403	1.20																														1.1	0.9	0.5	0.4		1.4	1	
	BH403	0.50																									26	179	1340	1370	163								
	BH404	0.90																									10	10	10	10	10								
	BH405A	0.40																									10	12	39	67	44								
	BH405A	0.80		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		3.2	0.1	0.1	0.1	3.2	3.2	10	10	10	10	10	0.011	0.0836	0.01	0.01		0.014	0.01	
	TP405B	0.80																														0.011	0.009	0.005	0.004		0.014	0.01	
	BH406	0.25																									10	10	155	473	469								
	BH406	0.50		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.01	0.01		0.01	0.01	0.01		0.1	0.1	0.1	0.1	0.1	0.1	10	10	10	28	19	0.011	0.01	0.01	0.01		0.014	0.01	
	BH406	2.00																																					
	BH407	0.40																									23	316	1570	3310	984								
	TP407	0.80																																					
	BH408	1.20																																					
	BH408	2.00																																					
	BH408	0.50																									10	26	67	57	30								
	BH410	0.30																																					
	BH411	0.30																																					
	BH411	2.00																																					
	BH411	3.80																									10	10	10	10	10								
	BH411	6.30		0.01		0.01		0.01	0.1	0.1	0.1	0.1	0.1	0.01			0.01	0.01	0.01		0.1	0.1	0.1	0.1	0.1	0.1	10	10	10	10	10	0.011	0.01	0.0816	0.01		0.0238	0.01	
	BH411	8.00																																					
	BH412	1.00																									16	94	378	563	325								
	BH413	0.60																									10	10	10	10	10								
	BH413	2.00		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.17		0.01	0.03	0.05		0.1	0.1	0.1	0.1	0.3	0.3	10	10	25	33	10	0.01	0.17	0.01	0.01		0.01	0.01	
	BH413	2.80																																					
	BH413	3.20																																					
	BH414	0.50																									10	10	35	49	67								
	BH414	2.00		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		0.5	1.1	5.6	2	9.2	9.2	10	10	27	36	49	0.011	0.01	0.0417	0.01		0.014	0.01	
	BH414	1.20																																					
	BH414	5.00																																					
	BH415	1.80																									68	37	20	52	37								
	BH416	0.70																									10	17	73	262	432								
	BH416	0.25																																					
	BH416	1.80																																					
	BH424	0.40																									10	10	19	39	42								
	BH424	1.20																																					
	BH424	4.00																																					
	SP402	0.20																									10	10	16	59	110								
	SP403																										10	10	31	87	93								
	SP404																										10	11	34	98	172								
	SP405																										10	12	61	144	191								
	SP406																										10	10	15	61	110								
	SP407																										10	13	35	115	140								

Screened Soil Results - Petroleum hydrocarbon

Report Source	Exploratory Hole	Depth (metres)	Strata	Aliphatics C5-C6	Aliphatic <C5-C7	Aliphatics <C6-C8	Aliphatic <C7-C8	Aliphatics <C8-C10	Aliphatics <C10-C12	Aliphatics <C12-C16	Aliphatics <C16-C21	Aliphatics <C21-C35	Aliphatics<C16C35	Total Aliphatics C5-C35	Aromatic<C5-C7 (benzene)	Aromatics C6-C7	Aromatics <C7-C8 (toluene)	Aromatic <C8-C9	Aromatic <C9-C10	Aromatics <EC8-EC10	Aromatics <EC10-EC12	Aromatics <EC12-EC16	Aromatics <EC16-EC21	Aromatics <EC21-EC35	Total Aromatics C6-C35	TPH (Aliphatics & Aromatics C5-C35	EPH <C10-C12	EPH <C12-C16	EPH <C16-C21	EPH <C21-C28	EPH <C28-C36	Maximum MBTE	Maximum Benzene	Maximum Toulene	Maximum Ethylbenzene	Xylenes	M & P & O Xylene (sum)	Maximum m/p Xylene	Maximum 0 Xylene
				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/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/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	kg/kg	mg/kg	mg/kg	mg/kg
	TSV Outdoor areas			1100	769	769	769	12000	24000	24200	488000	488000	488000		129	129	109000	9510	9510	9510	9660	9710	7310	7310			9660	9710	7310	7310	7310	220	95	4400	2800	2600	2600	2600	2600
Structural Soils 2010	SP408																										10	10	29	97	134								
	SP409																										10	15	36	110	133								
	SP410																										10	19	50	187	232								
	SP411																										10	28	67	232	262								
	SP412																										10	10	31	100	147								
	SP413																										10	14	47	114	142								
	SP414																										10	15	43	137	205								
	SP415																										10	21	60	222	300								
	SP416																										10	10	10	22	37								
	SP417																										10	18	58	119	128								
	SP418																										10	10	10	22	37								
	SP419																										10	23	80	197	234								
	SP420																										10	25	81	195	175								
	SP421																										10	25	72	155	114								
	SP422																										10	12	35	72	64								
	SP423																										10	10	12	25	41								
	TP401	0.60																									23	56	144	175	138								
	TP401	1.20																									10	10	10	18	70								
	TP401	2.00																																					
	TP402	0.50																									10	11	21	32	23								
	TP402	0.75																									10	10	10	10	13								
	TP403	0.50		0.01		0.01		0.01	4.7	20.7	33.3	105		164	0.01		0.01	0.01	0.01		2	10.3	39.3	57.7	109	273	10	38	109	175	167	0.01	0.01	0.01	0.01			0.01	0.01
	TP403	1.50																									10	10	10	10	10								
	TP404	0.50																									10	46	180	182	111								
	TP405	1.20		0.01		0.01		0.24	183	1040	640	286		2150	0.01		0.01	0.01	0.08		10.9	220	179	183	593	2740	181	1230	1060	453	253	0.01	0.01	0.01	0.01			0.01	0.01
	TP405A	1.40		0.01		0.01		1.42	267	1720	1080	734		3800	0.01		0.01	0.01	0.09		11.8	385	633	294	1320	5120	347	2250	1940	926	425	0.01	0.01	0.01	0.01			0.01	0.01
	TP405B	0.80		0.01		0.01		1.07	346	1640	1100	338		3430	0.01		0.01	0.01	0.21		4.1	54.7	71	49.5	179	3610	292	1700	1260	364	140	0.01	0.01	0.01	0.01			0.01	0.01
	TP405C	1.20		0.05		0.05		0.22	169	711	525	205		1610	0.05		0.05	0.05	0.05		0.1	38.9	61	63.7	164	1770	150	798	664	246	125	0.05	0.05	0.05	0.05			0.05	0.05
	TP406	0.50		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		9.6	20.4	57.7	31.7	119	119	10	13	81	61	53	0.01	0.01	0.01	0.01			0.01	0.01
	TP407	0.80		0.01		0.01		0.01	2.7	25.5	64.8	82.2		175	0.01		0.01	0.01	0.01		8.1	67.4	272	522	870	1040	14	81	466	461	242	0.011	0.0412	0.0394	0.01			0.014	0.01
	TP407	1.60																									10	10	10	10	22								
	TP407	2.00																																					
	TP408	0.40																									10	29	54	45	21								
	TP409	0.60																									10	10	33	26	27								
	TP410	0.70		0.01		0.01		0.01	0.01	0.01	0.01	0.01		0.1	0.01		0.01	0.01	0.01		2.5	250	702	124	1080	1080	10	283	817	164	30	0.011	0.01	0.01	0.0156			0.014	0.01
	TP410	1.00																									10	10	10	10	10								
	TP410	2.70																									26	68	51	47	10								
	TP411	0.40																									10	10	10	15	12	0.011	0.009	0.0156	0.004			0.014	0.01
	TP412	0.60																									12	67	227	278	132	0.011	0.021	0.0176	0.00578			0.014	0.01
	TP412	1.50																									10	10	10	21	21								
	TP413	0.60																									10	41	72	143	67	0.011	0.009	0.00964	0.004			0.014	0.01
	TP414	0.80																									10	14	77	81	97								
	TP415	0.50																									10	13	53	87	102								
	TP415	1.50																									10	10	44	42	49								
	TP417	0.70																									10	15	74	74	39								
	TP417	1.80																																					
	TP418	0.50																									10	10	19	38	26	0.011	0.009	0.005	0.004			0.014	0.01
	TP418	3.20																																					
	TP419	1.00		0.01		0.01		0.01	1.3	21.1	49	128		200	0.01		0.01	0.01	0.01		0.9	19.8	67	140	228	427	10	29	142	245	141	0.011	0.013	0.01	0.01			0.014	0.01
	TP419	3.60																									12	38	29	22	16	0.011	0.009	0.005	0.004			0.014	0.01
	TP421	0.30																																					
	TP422	0.30																									10	10	10	10	13	0.011	0.009	0.00977	0.00685			0.0184	0.01
	TP422	1.50																																					
	TP423	0.30																									10	20	45	52	50								
	TP424	2.00																									10	12	24	19	10								
	TP424	0.70																									10	10	10	10	10								
	TP425	0.40																									10	10	10	15	16								
	TP426	1.30																									280	10	10	10	10	0.011	0.0385	0.0131	0.004			0.014	0.01
	TP426	3.00																									10	10	10	10	10	0.011	0.009	0.005	0.004			0.014	0.01
	TP427	0.50																									10	10	12	13	10								
	TP427	1.80																									10	10	10	10	10	0.011	0.009	0.005	0.004			0.014	0.01
	TP428	0.60																									10	10	10	10	10	0.011	0.009	0.005	0.004			0.014	0.01
	TP428	2.20		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		0.1	0.1	0.1	0.1	0.1	0.1	10	10	10	10	10	0.011	0.01	0.01	0.01			0.014	0.01
	TP429	0.40																									10	10	10	10	10								
	TP429	1.60		0.01		0.01		0.01	1.5	87.8	5.5	0.1		94.7	0.01		0.01	0.01	0.01		114	276	170	106	666	761	253	371	360	130	46	0.011	0.0793	0.0333	0.0318			0.0443	0.0199
	TP430	2.10		0.01		0.01		0.4	26.1	59.6	47.7	24.7		158	1.04		0.01	0.74	1.11		5.6	45.6	25.6	19	98.8	258	31	117	99	78	56	0.01	1.04	0.01	0.25			0.49	0.17
	TP430	2.50		0.01		0.02		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		10.2	29.7	4	0.1	43.9	43.9	14	33	10	10	10	0.01	0.01	0.01	0.01			0.01	0.01
	TP431	0.80																									10	10	17	21	10								
	TP431	1.90		0.01		0.01		0.01	9.5	27.8	24.8	16.4		78.4	0.01		0.01	0.01	0.01		2.9	22.3	73	99.5	198	276	10	23	102	138	64	0.011	0.01	0.005	0.01			0.014	0.01
	TP432	0.60		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		0.1	13.5	29	194	236	236	10	10	48	177	196	0.011	0.01	0.01	0.022			0.0598	0.01
	TP432	3.00																									10	10	10	10	10								
	TP433	0.40																									10	10	10	46	18								
	TP433	1.00		0.01		0.01		0.01	0.1	5.4	60.3	106		172	0.01		0.01	0.01	0.01		0.1	2.4	53.8	113	169	341	10	10	88	384	91	0.011	0.0238	0.01	0.017			0.014	0.01
	TP434	0.70		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		0.1	18.1	9.8	28.5	56.5	56.5	10	10	43	31	10	0.011	0.0831	0.01	0.01			0.0214	0.01
	TP435	0.60																									10	10	27	108	217								

Screened Soil Results - Petroleum hydrocarbon

Report Source	Exploratory Hole	Depth (metres)	Strata	Aliphatics C5-C6	Aliphatic <C5-C7	Aliphatics <C6-C8	Aliphatic <C7-C8	Aliphatics <C8-C10	Aliphatics <C10-C12	Aliphatics <C12-C16	Aliphatics <C16-C21	Aliphatics <C21-C35	Aliphatics<C16C35	Total Aliphatics C5-C35	Aromatic<C5-C7 (benzene)	Aromatics C6-C7	Aromatics <C7-C8 (toluene)	Aromatic <C8-C9	Aromatic <C9-C10	Aromatics <EC8-EC10	Aromatics <EC10-EC12	Aromatics <EC12-EC16	Aromatics <EC16-EC21	Aromatics <EC21-EC35	Total Aromatics C6-C35	TPH (Aliphatics & Aromatics C5-C35	EPH <C10-C12	EPH <C12-C16	EPH <C16-C21	EPH <C21-C28	EPH <C28-C36	Maximum MBTE	Maximum Benzene	Maximum Toulene	Maximum Ethylbenzene	Xylenes	M & P & O Xylene (sum)	Maximum m/p Xylene	Maximum 0 Xylene
				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/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/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	kg/kg	mg/kg	mg/kg	mg/kg
	TSV Outdoor areas			1100	769	769	769	12000	24000	24200	488000	488000	488000		129	129	109000	9510	9510	9510	9660	9710	7310	7310			9660	9710	7310	7310	7310	220	95	4400	2800	2600	2600	2600	2600
	TP436	0.50																									10	10	10	10	10								
	TP437	0.60																									10	10	29	86	31								
	TP437	1.50		0.01		0.01		0.01	0.1	12.4	177	586		775	0.01		0.01	0.01	0.05		8	29.4	124	262	424	1200	12	60	404	862	201	0.011	0.0601	0.0417	0.261			0.0989	0.0663
	TP438	0.40																									10	10	25	43	43	0.011	0.009	0.0326	0.004			0.014	0.01
	TP438	1.30		0.01		0.01		0.01	0.1	16.1	78.9	671		766	0.02		0.25	0.01	0.01		0.1	7.2	75.6	722	805	1570	10	36	155	606	998	0.011	0.02	0.25	0.01			0.014	0.01
	TP438	2.00		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		0.1	0.1	0.1	0.1	0.1	0.1	10	10	10	10	10	0.01	0.01	0.01	0.01			0.01	0.01
	TP440	0.50																									10	10	10	10	10								
	TP441	0.50		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		5.9	13.8	0.1	0.1	19.6	19.6	10	13	10	10	10	0.01	0.01	0.01	0.01			0.01	0.01
	TP441	0.90		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		0.1	0.1	0.1	0.1	0.1	0.1	10	10	10	10	10	0.011	0.01	0.01	0.01			0.014	0.01
	TP442	1.40		0.01		0.01		0.01	0.1	0.1	14.6	272		286	0.01		0.01	0.01	0.01		0.6	17.6	90.8	132	241	528	31	41	205	258	268	0.011	0.0245	0.0224	0.0177			0.0327	0.01
	TP442	2.00																									10	10	10	10	10								
	TP443	0.50																									10	10	96	163	200								
	TP444	0.50																									10	10	10	15	12								
	TP444	3.00		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.01	0.01		0.1	0.1	11.1	4.1	15.2	15.2	10	10	34	32	14	0.011	0.0138	0.01	0.01			0.014	0.01
	TP445	1.50																									10	10	15	21	10	0.011	0.0686	0.0186	0.00768			0.0245	0.0159
	TP445	3.40																									10	10	30	53	22								
	TP446	0.40																									10	10	16	49	40								
	TP446	0.90																									10	10	25	86	74								
	TP447	0.90		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.19		0.01	0.01	0.01		20.2	75.6	54.3	55	205	205	34	95	76	63	51	0.01	0.19	0.01	0.01			0.01	0.01
	TP447	2.20		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.02		0.01	0.06	0.16		25.9	0.1	14.4	0.1	40.5	40.5	3810	44	12	17	53	0.011	0.348	0.0436	0.01			0.03	0.02
	TP448	0.80																													0.011	5.5	1.39	34.3			110	9.52
	TP448A	2.20																									2190	44	31	43	50								
	TP449	0.50																									10	10	52	375	433								
	TP449	0.60																									138	10	10	23	28								
	TP449	1.10		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.01	0.13		0.01	0.01	0.01		9.1	0.1	0.1	0.1	9.2	9.2	391	10	13	29	82	0.011	0.342	0.0124	0.01			0.014	0.01
	TP449A	1.50																									10	10	18	40	73								
	TP449B	1.00																									860	45	19	30	39								
	TP450	0.90																									10	10	11	23	28								
	TP451	1.30		0.01		0.01		0.01	0.1	0.1	0.1	0.1		0.1	0.01		0.01	0.09	0.08		6	157	31.1	11.5	206	206	10	181	51	57	30	0.011	0.0225	0.0948	0.106	0.106	0.106	0.476	0.321
	TP452	1.20		0.01		0.01		0.01	0.1	2.6	17	32.9		52.6	0.18		0.01	0.33	0.11		10.2	65	192	108	376	428	10	10	27	108	217	0.011	2.75	0.183	2.84	2.84	2.84	7.32	2.76
	TP453	0.60																									15	83	85	79	46	0.011	0.0613	0.03	0.0223	0.0223	0.0223	0.0293	0.01
		Minimum		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.1	0.1	0.1	10	10	10	10	10	0.01	0.001	0.002	0.001	0.01	0.02	0.002	0.001
		Maximum		0.23	13	1.466	10	10	346	1720	1100	4831.159	13000	4952.106	61	1.3	198	0.74	1.11	10	114	4800	7400	7400	20000	23000	3810	2250	1940	3310	998	10	5.5	115.07	34.3	2.84	2.84	110	9.52
		Average		0.01	3.86	0.03	3.34	0.52	7.80	57.28	63.19	152.45	664.35	278.10	3.34	0.04	1.74	0.04	0.06	0.73	2.61	63.16	112.01	219.82	429.17	701.71	80.38	77.15	117.95	144.64	103.34	0.34	0.09	0.61	0.23	0.52	0.10	0.74	0.13
		Number of Samples		143	6	146	6	156	155	161	135	135	27	129	42	113	154	37	37	121	156	162	162	162	130	136	128	128	128	128	128	187	206	215	216	9	35	178	172
		No. > TSV outdoor inhalation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		% > TSV outdoor inhalation		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Indicates samples exceeding TSV

TSV Source

- EA TSV
- EIC/AGS/CLAIRE
- LQM/CIEH
- WYG Screening Value
- Atrisk Values

Screened Soils - Alcohols

Report Source	Exploratory Hole	Depth (metres)	Strata	Methyl Alcohol	Ethyl Alcohol	iPropyl Alcohol	nPropyl Alcohol	nButyl Alcohol	nPentyl Alcohol	nHexyl Alcohol	nHeptyl Alcohol	Methyl Acetate	Ethyl Acetate	iPropyl Acetate	nPropyl Acetate	nButyl Acetate	Methanol	Ethanol	iso-Propanol	n-Propanol	n-Butanol	n-Pentanol	n-Hexanol
				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/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
ERM2007	BHS301	0.6-0.7	MG	1	1	1	1	1	1	1	1	1	1	1	1	1							
	BHS304	0.9-1.3	MG	1	1	1	1	1	1	1	1	1	1	1	1	1							
	BHS305	1.0-1.4	MG	1	1	1	1	1	1	1	1	1	1	1	1	1							
	BHS307	0.5-0.9	MG	1	1	1	1	1	1	1	1	1	1	1	1	1							
	BSH308	2.8-3.0	GT	1	1	1	1	1	1	1	1	1	1	1	1	1							
	BSH309	1.6-1.9	MG	1	1	1	1	1	1	1	1	1	1	1	1	1							
	BHS310	0.2-0.8	MG	1	1	1	1	1	1	1	1	1	1	1	1	1							
	BSH315	0.3-0.5	MG	1	1	1	1	1	1	1	1	1	1	1	1	1							
	BHS326	0.20-0.80	MG	1	1	1	1	1	1	1	1	1	1	1	1	1							
	BHI206	3.0-3.5	GT	1	1	1	1	1	1	1	1	1	1	1	1	1							
SS 2010	TP428	0.6										< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
	TP428	2.2										< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000875	< 0.0001	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001
	TP453	0.6										< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
	TP453	0.8										< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001

	Methyl Alcohol	Ethyl Alcohol	iPropyl Alcohol	nPropyl Alcohol	nButyl Alcohol	nPentyl Alcohol	nHexyl Alcohol	nHeptyl Alcohol	Methyl Acetate	Ethyl Acetate	iPropyl Acetate	nPropyl Acetate	nButyl Acetate	Methanol	Ethanol	iso-Propanol	n-Propanol	n-Butanol	n-Pentanol	n-Hexanol
Minimum	1	1	1	1	1	1	1	1	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Maximum	1	1	1	1	1	1	1	1	1	1	1	1	1	0.000875	0.0001	0.000151	0.0001	0.0001	0.0001	0.0001
Average	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Number of Samples	10	10	10	10	10	10	10	10	14	14	14	14	14	4	4	4	4	4	4	4
No. > TSV	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
% > TSV	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	25	0	0	0	0

indicates sample exceeding LOD

Screened Soils - Alcohols

n-Heptanol
mg/kg
0.0001
0.0001
0.0001
0.0001

0.0001
0.0001
0.0
4
0
0

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Screened Soil Results - BRE Suite

Parameter		pH value	Ammonium BRE (water sol 2:1)	Chloride BRE (water sol 2:1)	Nitrate BRE (water sol 2:1)	Sulphate (water sol 2:1)	Sulphate BRE (water sol 2:1)	Magnesium BRE (water sol 2:1)	Sulphate BRE (acid sol)	Sulphur BRE (total)
Location	Depth (m)	pH	g/l	g/l	g/l	g/l	g/l	g/l	% w/w	% w/w
BH401	0.50	10.2				1.28				
BH401	1.50	7.4				1.45				
BH401	2.00	7.5				1.24				
BH402	0.50	11				1.19				
BH402	0.60	7.1					1.47			
BH402	3.00	8.6					0.18			
BH403	0.50	7.9					0.16			
BH403	1.20	8.3					0.88			
BH404	0.90	7.5				1.71				
BH405A	0.40	11.5				0.11				
BH405A	0.80	8.3				0.1				
BH406	0.25	9.1				0.9				
BH406	0.50	8.1	< 0.001	0.013	0.001	0.3	0.3	0.019	0.2	0.05
BH406	2.00									
BH407	0.40	7.9				1.12				
BH408	1.20	7.8					1.58			
BH408	2.00	7					1.68			
BH410	0.30	8.7					0.09			
BH411	0.30	7.7					1.29			
BH411	2.00	7.7					1.39			
BH412	1.00	7.3				1.25				
BH413	0.60	11.7				0.05				
BH413	2.00	9								
BH413	2.80	9.1					0.25			
BH413	3.20	9.4					0.18			
BH414	0.50	8.2				0.34				
BH414	2.00	8.3				0.41				
BH414	1.20	8.9					0.34			
BH414	5.00	8.6					0.08			
BH415	1.80	7.4				1.57				
BH416	0.70	8.6				0.23				
BH416	0.25	10.6					0.19			
BH416	1.80	7.7					0.27			
BH424	0.40	7.7				0.05				
BH424	1.20	8.5					0.17			
BH424	4.00	8.5					0.17			
SP402	0.20	9.3				1.11				
SP403		9.2				0.92				
SP404		10				0.23				
SP405		10.3				0.16				
SP406		8.9				0.41				
SP407		9.8				0.15				
SP408		9.9				0.14				
SP409		10				0.12				
SP410		10				0.17				
SP411		11.1				0.16				
SP412		10.2				0.14				
SP413		9.2				0.06				
SP414		10.4				0.25				
SP415		10.3				0.26				
SP416		9.9				0.1				
SP417		9				0.95				
SP418		8.6				0.1				
SP419		11.1				0.15				
SP420		10.3				0.13				
SP421		11.7				0.29				
SP422		10.7				0.18				
SP423		8.6				0.56				
TP401	0.60	7.8				0.34				
TP401	1.20	7.5				0.06				
TP401	2.00									

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Screened Soil Results - BRE Suite

	Parameter		pH value	Ammonium BRE (water sol 2:1)	Chloride BRE (water sol 2:1)	Nitrate BRE (water sol 2:1)	Sulphate (water sol 2:1)	Sulphate BRE (water sol 2:1)	Magnesium BRE (water sol 2:1)	Sulphate BRE (acid sol)	Sulphur BRE (total)
	Location	Depth (m)	pH	g/l	g/l	g/l	g/l	g/l	g/l	% w/w	% w/w
Structural Soils 2010	TP402	0.50	7.9				0.41				
	TP402	0.75	12.2				< 0.01				
	TP403	0.50	8.1				0.98				
	TP403	1.50	7.8				0.38				
	TP404	0.50	8.1				0.2				
	TP405	1.20	7.5				1.37				
	TP405A	1.40	7.3				1.71				
	TP405B	0.80	7.7				1.36				
	TP405C	1.20	7.5				1.46				
	TP406	0.50	7.7				0.34				
	TP407	0.80	9.7				0.16				
	TP407	1.60	7.7				0.26				
	TP407	2.00									
	TP408	0.40	9.7				0.44				
	TP409	0.60	7.5				0.11				
	TP410	0.70	7.6				1.57				
	TP410	1.00	6.9				1.51				
	TP410	2.70	7.5				1.73				
	TP411	0.40	5.4				1.42				
	TP412	0.60	7.7				0.11				
	TP412	1.50	7.1				0.04				
	TP413	0.60	6.4				0.05				
	TP414	0.80	8.3				0.18				
	TP415	0.50	8.1				0.05				
	TP415	1.50	7.9				0.07				
	TP417	0.70	8								
	TP417	1.80									
	TP418	0.50	8.2				< 0.01				
	TP418	3.20									
	TP419	1.00	8.1				0.09				
	TP419	3.60	8.5				0.02				
	TP421	0.30	11.2				0.07				
	TP422	0.30	8.3	< 0.001	0.023	0.001	1.02	1.05	0.038	0.05	0.25
	TP424	2.00	7.8				0.14				
	TP426	1.30	5				0.15				
	TP426	3.00	7.7				0.2				
	TP427	0.50	7.8				0.77				
	TP427	1.80	7.8	0.001	0.006	0.002	1.12	1.18	0.011	11.2	3.74
	TP428	0.60	7.7				0.98				
	TP428	2.20	9.9				2.11				
	TP429	0.40	7.9				0.11				
	TP429	1.60	7.4				0.56				
	TP430	2.10	8.7				1.41				
	TP430	2.50	8.7				0.29				
	TP431	0.80	8.5				0.04				
	TP431	1.90	7.6				1.41				
	TP432	0.60	7.9				0.32				
	TP432	3.00	8.6				0.31				
	TP433	0.40	11.2				0.83				
	TP433	1.00	9.4				0.43				
	TP434	0.70	10.7				0.73				
	TP435	0.60	10				0.45				
	TP436	0.50	9.3				0.11				
	TP438	0.40	8.7				0.16				
	TP438	1.30	8.9				0.23				
	TP438	2.00	8.4				0.82				
	TP440	0.50	8.1				0.12				
	TP441	0.50	8.3				1.4				
	TP441	0.90	7.4				1.2				
	TP442	1.40	6.9				1.54				
	TP442	2.00	8.4				0.2				

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Screened Soil Results - BRE Suite

Parameter		pH value	Ammonium BRE (water sol 2:1)	Chloride BRE (water sol 2:1)	Nitrate BRE (water sol 2:1)	Sulphate (water sol 2:1)	Sulphate BRE (water sol 2:1)	Magnesium BRE (water sol 2:1)	Sulphate BRE (acid sol)	Sulphur BRE (total)
Location	Depth (m)	pH	g/l	g/l	g/l	g/l	g/l	g/l	% w/w	% w/w
TP443	0.50	8.7				0.16				
TP444	0.50	7.3				0.18				
TP444	3.00	7.3				1.11				
TP446	0.40	9.4				0.8				
TP446	0.90	9.4				1.05				
TP447	0.90	7.7				0.17				
TP447	2.20	7.4				0.12				
TP448	0.80									
TP448A	2.20	8.6				0.25				
TP449	0.50	8.3	0.001	0.01	0.02	0.06	0.04	0.004	0.03	0.02
TP449	0.60	7.9				0.07				
TP449	1.10	6.5				0.03				
TP449A	1.50	8.2				0.53				
TP449B	1.00	8.1				0.08				
TP450	0.90	11.9				0.08				
TP452	1.20	8.1	< 0.001	0.288	< 0.001	1.55	1.52	0.017	5.82	3.04
TP453	0.60	8.1				0.32				
TP453	0.80	8.6				0.09				
TP454	1.00	7.3				0.35				
TP455	0.40	8.3				0.38				
TP455	1.20	7.2				0.23				
TP456	0.50	7.6				0.19				
TP456	2.10	6.6				0.23				
TP456	2.90	6.8				1.28				
TP457	0.70	6.4				0.3				
TP457	1.50	7.5				0.31				
TP458	0.40	7.3				0.43				
TP458	0.80	6.4	0.001	0.009	0.002	1.4	1.4	0.017	6.42	4.64
TP458	2.00	4.4				1.24				
TP459	0.40	7.2				0.96				
TP460	0.50	8.5				0.75				
TP467	0.50	7.7				1.31				
TP468	1.20	10.3				1.08				
TP469	0.50	6.6				1.39				
TP469	1.20	5.2				1.08				
TP469	0.80	10.3				0.51				
TP470	1.40									
TP470	3.30									
TP471	0.60									
TP472	1.00	8.1								
TP473	2.00									
TP474A	1.00	10								
TP475	0.80									
TP477	2.00	5.8				1.45				
TP480	0.70	7.9				1.44				
TP483	0.80	8.7				1.56				
TP483	2.00	8.5				0.63				
TP485	1.40	7.1				0.5				
TP485	2.20	7.8				0.48				
TP486	0.80	8.6				0.07				
TP486	1.40	7.8				1.39				
TP488	2.20									
TT401	0.80	7.8				0.09				
TT402	1.00	7.7				1.38				
TT402	2.00	6.8				1.39				
TT403	0.80	7.6				1.11				
TT403	2.00	7.7				1.23				
TT403	3.60	7.6				1.38				
TT404	0.10	6.1				< 0.01				
TT404	0.60	8.5				< 0.01				
TT404	1.20	7	< 0.001	0.016	0.002	1.18	1.18	0.008	2.13	2.34

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Screened Soil Results - BRE Suite

	Parameter		pH value	Ammonium BRE (water sol 2:1)	Chloride BRE (water sol 2:1)	Nitrate BRE (water sol 2:1)	Sulphate (water sol 2:1)	Sulphate BRE (water sol 2:1)	Magnesium BRE (water sol 2:1)	Sulphate BRE (acid sol)	Sulphur BRE (total)
	Location	Depth (m)	pH	g/l	g/l	g/l	g/l	g/l	g/l	% w/w	% w/w
	TT405		5.6				1.13				
	TT405	0.80	6.8				0.34				
	TT406	0.40	7				1.38				
	TT406	1.20	6.1				1.28				
	TT406	1.00	7.1				1.48				
	TP425	0.40		< 0.001	0.024	0.001	0.15	0.27	< 0.001	0.1	0.19
	TP451	1.30	6.9	< 0.001	0.058	0.014	1	0.91	0.013	4.04	3.49
	TP445	1.50	7.6	< 0.001	0.015	0.002	1.32	1.32	0.004	3.58	1.56
	TP437	1.5	7.3	0.002	0.419	< 0.001	1.2	1.2	0.02	0.79	1.21

Tier 1 Screening of Soil Leachates (BS EN12457-1 2:1) against published Environmental Quality Standards

| | | |

Tier 1 Screening of Soil Leachates (BS EN12457-1 2:1) against published Drinking Water Standards

| | | **Phase of Works** | **Structural Soils 2010** | | |

Basement and Trial Pit Water Samples
Screened Against EQS or x10 DWS Criteria

Client Sample ID				TP447	TP433	TP464	TP430	TP405	TP456	TP472	TP473	TP468	TP485	TP488	TP410	BW1	BW2	BW3	BW4	BW5	BW6						
Depth to Top				1.70	0.80	3.20	2.10	1.40	2.10	1.00	3.20	1.00	2.40	2.00	1.60												
Date Sampled												13-Sep-10	17-Aug-10	17-Aug-10	16-Aug-10	08-Sep-10	08-Sep-10	08-Sep-10	08-Sep-10	08-Sep-10	08-Sep-10						
Sample Type	Units	TSV		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Count	Min	Max	Average	No. > TSV	% > TSV
Inorganics																											
Aluminium (dissolved)	µg/l															32	1200	59	33	1130	63	6	32	1200	419.5	0	0.0
Antimony (dissolved)	µg/l	50														3	7	2	5	10	5	6	2	10	5.3	0	0.0
Arsenic (dissolved)	µg/l	50		7	133	3	124	5	1	3	1	30	36	360	203	5	3	8	5	4	25	18	1	360	53.1	4	22.2
Boron (dissolved)	µg/l	2000		378	411	102	344	331	1880	200	47	99	1380	354	1680	193	42	138	66	47	203	18	42	1880	438.6	0	0.0
Cadmium (dissolved)	µg/l	5	<	1	1	1	1	1	6	1	1	1	1	1	1	1	1	1	1	1	1	18	1	6	1.3	1	5.6
Copper (dissolved)	µg/l	22	<	1	371	1	1	32	21	1	1	3	1	1	2	9	22	15	12	35	6	18	1	371	29.7	3	16.7
Chromium (dissolved)	µg/l	175	<	1	75	1	1	1	1	1	1	20	1	1	1	2	5	15	4	6	3	18	1	75	7.8	0	0.0
Iron (dissolved)	µg/l	1000														93	30	598	59	38	224	6	30	598	173.7	0	0.0
Lead (dissolved)	µg/l	125	<	1	120	1	1	4	3	2	2	6	1	1	1	2	1	5	1	2	1	18	1	120	8.6	0	0.0
Mercury (dissolved)	µg/l	1	<	1	0.6	0.4	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	18	0.1	1	0.2	0	0.0
Nickel (dissolved)	µg/l	100	<	2	16	1	4	37	31	4	1	1	23	2	15	2	9	7	2	8	4	18	1	37	9.4	0	0.0
Selenium (dissolved)	µg/l	100	<	1	2	2	5	2	1	1	1	7	2	1	1	1	1	1	1	1	2	18	1	7	1.8	0	0.0
Vanadium (dissolved)	µg/l	20	<	1	223	3	4	1	1			2	1	1	1	5	10	14	8	9	3	16	1	223	17.9	1	6.3
Zinc (dissolved)	µg/l	175	<	1	79	1	1	223	1370	8	25	4	10	3	20	40	13	69	14	7	88	18	1	1370	109.8	2	11.1
pH (w)	pH	6 to 9		7.1	8.9	11.7	8.2	6.5	3.4	7.3	7	7.9	7.3	7.2	7.3	8.2	10.6	7.2	7.7	10.2	7.3	18	3.4	11.7	7.8	4	22.2
Hardness	mg/l Ca CO3	NA		2484	149	2185	908	1790	1257	721	194	1345	1260	1590	1600							12	149	2484	1,290.3		
Sulphate (w)	mg/l	400		833	704	1363	1054	1650	1075	74	80	1240	902	1103	1428	15	32	238	68	44	547	18	15	1650	691.7	11	61.1
Cyanide (total) (w)	mg/l	1	<	0.005	0.032	0.014	0.005	0.021	0.005	0.005	0.005	0.005	0.008	0.005	0.099	0.005	0.012	0.005	0.005	0.005	0.012	18	0.005	0.099	0.0	0	0.0
TPH																											
VPH total (>C5-C10) (w)	µg/l	100														1	1	5	1	1	5	6	1	5	2.3	0	0.0
EPH total (C10-C40) (w)	µg/l	100														60	81	282	50	50	377	6	50	377	150.0	2	33.3
Ali >C5-C6 (w)	µg/l	100	<	5	5	5	5	5	5	5	5	1	5	5	5							12	1	5	4.7	0	0.0
Ali >C6-C8 (w)	µg/l	100	<	5	5	5	5	5	5	5	21	1	5	5	5							12	1	21	6.0	0	0.0
Ali >C8-C10 (w)	µg/l	100	<	5	5	5	5	19	5	15	492	1	5	5	5							12	1	492	47.3	1	8.3
Ali >C10-C12 (w)	µg/l	100	<	5	5	5	1598	81534	47	125	3255	5	5	5	5							12	5	81534	7,216.2	4	33.3
Ali >C12-C16 (w)	µg/l	100		29	5	13	3203	553684	339	855	79831	63	5	5	5							12	5	553684	53,169.8	5	41.7
Ali >C16-C21 (w)	µg/l	100		207	5	95	4210	529220	1112	32363	1031032	1405	5	5	5							12	5	1031032	133,305.3	7	58.3
Ali >C21-C35 (w)	µg/l	100		366	5	981	1468	198798	1961	195675	820021	10031	5	5	5							12	5	820021	102,443.4	8	66.7
Total Aliphatics (w)	µg/l	100		603	5	1089	10479	1363255	3458	229032	1934652	11504	5	5	5							12	5	1934652	296,174.3	8	66.7
Aro >C5-C7 (w)	µg/l	100		145	5	5	63	5	5	99	6	1	5	664	5							12	1	664	84.0	2	16.7
Aro >C7-C8 (w)	µg/l	100	<	5	5	5	5	5	5	5	5	1	44	5	5							12	1	44	7.9	0	0.0
Aro >C8-C9 (w)	µg/l	100	<	5	5	5	5	5	5	5	33	1	5	10	39							12	1	39	10.3	0	0.0
Aro >C9-C10 (w)	µg/l	100		6	5	5	5	18	20	9	382	1	5	5	181							12	1	382	53.5	2	16.7
Aro >C10-C12 (w)	µg/l	100		364	13	277	152	1975	343	78	314	5	47629	2203	1278							12	5	47629	4,552.6	9	75.0
Aro >C12-C16 (w)	µg/l	100		112	9	153	1193	46674	8830	418	6006	15	874	62	1856							12	9	46674	5,516.8	9	75.0
Aro >C16-C21 (w)	µg/l	100		58	5	80	2010	114066	37420	12141	88834	420	34983	28	1227							12	5	114066	24,272.7	8	66.7
Aro >C21-C35 (w)	µg/l	100		27	5	224	960	56647	17529	90442	102287	4041	2778	5	23							12	5	102287	22,914.0	8	66.7
Total Aromatics (w)	µg/l	100		713	22	733	4378	219380	64142	103187	197863	4476	86307	2967	4604							12	22	219380	57,397.7	11	91.7
TPH (Ali & Aro) (w)	µg/l	100		1316	22	1822	14857	1582634	67600	332220	2132515	15980	86307	2967	4604							12	22	2132515	353,570.3	11	91.7
BTEX - Benzene (w)	µg/l	30		145	5	5	63	5	5	99	6	1	5	664	5							12	1	664	84.0	4	33.3
BTEX - Ethyl Benzene (w)	µg/l	50	<	5	5	5	5	5	5	5	5	1	5	5	11							12	1	11	5.2	0	0.0
BTEX - Toluene (w)	µg/l	20	<	5	5	5	5	5	5	5	5	1	44	5	5							12	1	44	7.9	1	8.3
BTEX - m & p Xylene (w)	µg/l	30	<	5	5	5	5	5	5	5	17	1	5	5	17							12	1	17	6.7	0	0.0
BTEX - o Xylene (w)	µg/l	30	<	5	5	5	5	5	5	5	7	1	5	5	10							12	1	10	5.3	0	0.0
MTBE (w)	µg/l		<	5	5	5	5	5	5	5	5	1	5	18	5							12	1	18	5.8	0	0.0
PAH-16MS (w)																											
Acenapthene (w)	µg/l			14.89	1.77	25.37	10.91	13.6	683.65	4.15	4.7	0.14	0.05	0.48	183.81	0.01	0.2	0.1	0.03	0.05	0.2	18	0.01	683.65	52.5	0	0.0
Acenapthylene (w)	µg/l			0.24	0.04	2.14	0.21	1.01	7.69	0.14	0.55	0.01	0.01	0.01	4.15	0.01	0.01	0.01	0.01	0.01	0.01	18	0.01	7.69	0.9	0	0.0
Anthracene (w)	µg/l	0.1		1.03	0.2	0.88	0.51	13.44	261.77	1.72	5.54	0.04	44.24	0.03	353.7	0.01	0.01	0.01	0.01	0.01	0.01	18	0.01	353.7	38.0	10	55.6
Benzo(a)anthracene (w)	µg/l			0.09	0.09	0.06	0.22	74.8	614.6	4.96	3.39	0.7	0.73	0.02	2.41	0.01	0.01	0.01	0.01	0.01	0.01	18	0.01	614.6	39.0	0	0.0
Benzo(a)pyrene (w)	µg/l	0.5		0.03	0.04	0.02	0.09	63.1	58.71	2.65	2.13	0.69	0.46	0.02	0.51	0.01	0.01	0.01	0.01	0.01	0.01	18	0.01	63.1	7.1	6	33.3
Benzo(b)fluoranthene (w)	µg/l			0.05	0.08	0.03	0.16	102	424.8	1.99	4.02	0.56	0.66	0.03	0.91	0.01	0.01	0.02	0.01	0.01	0.01	18	0.01	424.8	29.7	0	0.0
Benzo(ghi)perylene (w)	µg/l			0.03	0.03	0.02	0.07	45	70.97	1.35	1.23	0.47	0.27	0.02	0.17	0.01	0.01	0.01	0.01	0.01	0.01	18	0.01	70.97	6.6	0	0.0
Benzo(k)fluoranthene (w)	µg/l			0.06	0.1	0.09	0.14	72.71	239.59	2.57	2.61	0.56	0.43	0.02	0.66	0.02	0.01	0.01	0.01	0.01	0.01	18	0.01	239.59	17.8	0	0.0
Chrysene (w)	µg/l			0.13	0.18	0.1	0.2	80.7	469.69	19.51	3.54	0.81	0.72	0.02	2.23	0.01	0.01	0.01	0.01	0.01	0.01	18	0.01	469.69	32.1	0	0.0
Dibenzo(ah)anthracene (w)	µg/l		<	0.01	0.01	0.01	0.01	10	19	0.2	0.12	0.12	0.31	0.01	0.05	0.01	0.01	0.01	0.01	0.01	0.01	18	0.01	19	1.7	0	0.0
Fluoranthene (w)	µg/l	0.1		1.24	0.79	1.44	1.74	56.2	396.33	7.02	11.96	0.53	39.98	0.14	578.98	0.02	0.02	0.02	0.01	0.01	0.03	18	0.01	578.98	60.9	12	66.7
Fluorene (w)	µg/l			5.52	0.76	14.02	0.82	2.56	19.31	7.48	3.89	0.07	0.13	2.93	104.03	0.01	0.06	0.05	0.01	0.01	0.03	18	0.01	104.03	9.0	0	0.0
Indeno(123-cd)pyrene (w)	µg/l			0.02	0.02	0.02	0.07	41	82.24	1.62	1.8	0.43	0.3	0.02	0.2	0.01	0.01	0.01	0.01	0.01	0.01	18	0.01	82.24	7.1	0	0.0
Naphthalene (w)	µg/l	10		313.55	3.73	205.62	2.27	3.12	5.63	20.89	17.8	0.01	4.55	1.28	617.91	0.02	0.28	0.11	0.1	0.09	0.03	18	0.01	617.91	66.5	5	27.8
Phenanthrene (w)	µg/l			8.25	1.45	12.81	0.05	25.1	753.57	9.13	16.57	0.09	84.82	0.11	340.91	0.02	0.01	0.01	0.02	0.01	0.01	18	0.01	753.57	69.6	0	0.0
Pyrene (w)	µg/l			0.96	0.73	0.97	1.4	458	345.37	10.69	10.96	0.84	39.49	0.1	381.2	0.02	0.01	0.01	0.01	0.01	0.03	18	0.01	458	69.5	0	0.0
Total PAH (w)	µg/l	10		346.1	9.99	263.6	18.85	1060	4452.91	96.05	90.8	6.07	217.14	5.25	2571.84	0.16	0.59	0.33	0.16	0.18	0.35	18	0.16	4452.91	507.8	9	50.0
Phenols																											
2,3,5,6-Tetrachlorophenol	µg/l		<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2	0.8	0	0.0
2,3-Dichlorophenol	µg/l		<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.03	0.369	17	0.02	2	0.8	0	0.0
2,3-Dimethylphenol :- {2,3-Xylenol}	µg/l		<	2	2	0.423	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2	0.8	0	0.0
2,4,5-Trichlorophenol	µg/l		<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2	0.8	0	0.0
2,4,6-Trichlorophenol	µg/l		<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.696	17	0.02	2	0.8	0	0.0
2,4-Dichlorophenol	µg/l	20	<	2	85.2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.742	0.1	0.02	0.399	0.2	17	0.02	85.2	5.8	1	5.9
2,4-Dimethylphenol :- {2,4-Xylenol}	µg/l			11.8	2	1.88	2.36	2	0.2	2	2.37	0.2	9.7		0.685	0.2	0.2	0.1	0.02	0.071	0.2	17	0.02	11.8	2.1	0	0.0
2,5-Dichlorophenol	µg/l		<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.058	0.2	17	0.02	2	0.8	0	0.0
2,5-Dimethylphenol :- {2,5-Xylenol}	µg/l			5.49	2	1.06	5.36	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	5.49	1.3	0	0.0
2,6-Dichlorophenol	µg/l		<	2	2.11	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2.11	0.8	0	0.0
2,6-Dimethylphenol :- {2,6-Xylenol}	µg/l		<	2	2	0.757	4.3	2	0.2	2	2	0.2	0.2		0.288	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	4.3	1.0	0	0.0
2-Chlorophenol	µg/l	50	<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2	0.8	0	0.0
2-Ethylphenol	µg/l		<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2	0.8	0	0.0
2-Methylphenol :- {o-Cresol}	µg/l			10.3	2	1.04	2	2	0.2	2	2	0.2	2.17		0.69	0.2	0.2	0.1	0.02	0.029	0.2	17	0.02	10.3	1.5	0	0.0
3,4-Dimethylphenol :- {3,4-Xylenol}	µg/l			2.07	2	0.463	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2.07	0.8	0	0.0

Basement and Trial Pit Water Samples
Screened Against EQS or x10 DWS Criteria

Client Sample ID	Units	TSV		TP447	TP433	TP464	TP430	TP405	TP456	TP472	TP473	TP468	TP485	TP488	TP410	BW1	BW2	BW3	BW4	BW5	BW6	Count	Min	Max	Average	No. > TSV	% > TSV
Depth to Top				1.70	0.80	3.20	2.10	1.40	2.10	1.00	3.20	1.00	2.40	2.00	1.60												
Date Sampled												13-Sep-10	17-Aug-10	17-Aug-10	16-Aug-10	08-Sep-10	08-Sep-10	08-Sep-10	08-Sep-10	08-Sep-10	08-Sep-10						
Sample Type				Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water						
3,5-Dimethylphenol :- (3,5-Xylenol)	µg/l			17.3	2	1.31	2	2	0.2	2	2	0.2	3.62		0.661	0.2	0.2	0.1	0.02	0.042	0.2	17	0.02	17.3	2.0	0	0.0
3-Chlorophenol	µg/l		<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2	0.8	0	0.0
3-Methylphenol :- (m-Cresol)	µg/l			5.42	2	2.17	2	2	0.2	2	2	0.2	5.45		0.54	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	5.45	1.5	0	0.0
4-Chloro-2-methylphenol :- (p-Chlo	µg/l		<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2	0.8	0	0.0
4-Chloro-3,5-dimethylphenol :- (PC	µg/l		<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		8.68	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	8.68	1.3	0	0.0
4-Chloro-3-methylphenol :- (p-Chlo	µg/l	40	<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		1.13	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2	0.9	0	0.0
4-Chlorophenol	µg/l		<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	2	0.8	0	0.0
4-Methylphenol :- (p-cresol)	µg/l			3.32	2	5.38	2	2	0.2	2	2	0.2	30.7		0.517	0.2	0.2	0.1	0.02	0.02	0.2	17	0.02	30.7	3.0	0	0.0
Pentachlorophenol	µg/l	2	<	2	2	0.2	2	2	0.2	2	2	0.2	0.2		0.2	0.2	0.2	0.1	0.02	0.02	0.603	17	0.02	2	0.8	0	0.0
Phenol	µg/l	30		21.8	5	9.37	5	5	0.5	11.7	5	0.5	7.13		0.5	0.4	0.4	0.2	0.05	0.05	0.4	17	0.05	21.8	4.3	0	0.0
SVOCs																											
1,2,4-Trichlorobenzene (aq)	µg/l										60.2			10		1	1	1	1	1	5	8	1	60.2	10.0	0	0.0
1,2-Dichlorobenzene (aq)	µg/l	20									82.4			10		1	2.01	1	1	1.95	5	8	1	82.4	13.0	1	12.5
1,3-Dichlorobenzene (aq)	µg/l	20									20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
1,4-Dichlorobenzene (aq)	µg/l	20									56.7			10		1	1	1	1	1	5	8	1	56.7	9.6	1	12.5
2,4,5-Trichlorophenol (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
2,4,6-Trichlorophenol (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
2,4-Dichlorophenol (aq)	µg/l	20									20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
2,4-Dimethylphenol (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
2,4-Dinitrotoluene (aq)	µg/l										3290			10		1	1	1	1	1	5	8	1	3290	413.8	0	0.0
2,6-Dinitrotoluene (aq)	µg/l										3630			10		1	1	1	1	1	5	8	1	3630	456.3	0	0.0
2-Chloronaphthalene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
2-Chlorophenol (aq)	µg/l	50									20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
2-Methylnaphthalene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
2-Methylphenol (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
2-Nitroaniline (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
2-Nitrophenol (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
3-Nitroaniline (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
4-Bromophenylphenylether (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
4-Chloro-3-methylphenol (aq)	µg/l	40									20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
4-Chloroaniline (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
4-Chlorophenylphenylether (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
4-Methylphenol (aq)	µg/l										20			10		1	1	6.28	1	1	5	8	1	20	5.7	0	0.0
4-Nitrophenol (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
4-Nitroaniline (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Azobenzene (aq)	µg/l										67.9			10		1	1	1	1	1	5	8	1	67.9	11.0	0	0.0
Acenaphthylene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Acenaphthene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Anthracene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
bis(2-Chloroethyl)ether (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
bis(2-Chloroethoxy)methane (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
bis(2-Ethylhexyl) phthalate (aq)	µg/l										40			20		2	2	2	2	2.71	10	8	2	40	10.1	0	0.0
Benzo(a)anthracene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Butylbenzyl phthalate (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Benzo(b)fluoranthene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Benzo(k)fluoranthene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Benzo(a)pyrene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Benzo(g,h,i)perylene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Carbazole (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Chrysene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Dibenzofuran (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
n-Dibutyl phthalate (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Diethyl phthalate (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Dibenzo(a,h)anthracene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Dimethyl phthalate (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
n-Dioctyl phthalate (aq)	µg/l										100			50		5	5	5	5	5	25	8	5	100	25.0	0	0.0
Fluoranthene (aq)	µg/l										47.5			10		1	1	1	1	1	5	8	1	47.5	8.4	0	0.0
Fluorene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Hexachlorobenzene (aq)	µg/l	0.03									144			10		1	1	1	1	1	5	8	1	144	20.5	8	100.0
Hexachlorobutadiene (aq)	µg/l	0.1									20			10		1	1	1	1	1	5	8	1	20	5.0	8	100.0
Pentachlorophenol (aq)	µg/l	2									20			10		2	2	1	1	1	5	8	1	20	5.3	3	37.5
Phenol (aq)	µg/l	30									20			10		1	1	67.6	1	1	5	8	1	67.6	13.3	1	12.5
n-Nitroso-n-dipropylamine (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Hexachloroethane (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Nitrobenzene (aq)	µg/l	20									20			12900		1	1	1	1	1	5	8	1	12900	1,616.3	1	12.5
Naphthalene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Isophorone (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Hexachlorocyclopentadiene (aq)	µg/l										20			10		2	2	1	1	1	5	8	1	20	5.3	0	0.0
Phenanthrene (aq)	µg/l										55.7			10		1	1	1	1	1	5	8	1	55.7	9.5	0	0.0
Indeno(1,2,3-cd)pyrene (aq)	µg/l										20			10		1	1	1	1	1	5	8	1	20	5.0	0	0.0
Pyrene (aq)	µg/l										48.4			10		1	1	1	1	1	5	8	1	48.4	8.6	0	0.0

TSV based upon EQS values unless otherwise specified
TSV set as x10 DWS level
TSV set as LOD

Basement and Trial Pit Water Samples
Screened Against Human Health / Vapour Risk Criteria

Client Sample ID			TP447		TP433		TP464		TP430		TP405		TP456		TP472		TP473		TP468		TP485		TP488		TP410		BW1		BW2		BW3		BW4		BW5		BW6							
Depth to Top			1.70		0.80		3.20		2.10		1.40		2.10		1.00		3.20		1.00		2.40		2.00		1.60																			
Date Sampled																			13-Sep-10		17-Aug-10		17-Aug-10		16-Aug-10		08-Sep-10		08-Sep-10		08-Sep-10		08-Sep-10		08-Sep-10		08-Sep-10							
Sample Type	**Units**	**TSV**	Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water							
Ali >C5-C6 (w)	µg/l	1100	< 5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	1	<	5	<	5	<	5														12	1	5	4.7	0	0.0
Ali >C6-C8 (w)	µg/l	750	< 5	<	5	<	5	<	5	<	5	<	5	<	5		21	<	1	<	5	<	5	<	5														12	1	21	6.0	0	0.0
Ali >C8-C10 (w)	µg/l	25	< 5	<	5	<	5	<	5		19	<	5		15		492	<	1	<	5	<	5	<	5														12	1	492	47.3	1	8.3
Ali >C10-C12 (w)	µg/l	16.5	< 5	<	5	<	5		1,598		81,534		47		125		3,255	<	5	<	5	<	5	<	5														12	5	81534	7,216.2	5	41.7
Aro >C5-C7 (w)	µg/l	30	145	<	5	<	5		63	<	5	<	5		99		6	<	1	<	5		664	<	5														12	1	664	84.0	4	33.3
Aro >C7-C8 (w)	µg/l	30	< 5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	1		44	<	5	<	5														12	1	44	7.9	1	8.3
Aro >C8-C9 (w)	µg/l	800	< 5	<	5	<	5	<	5	<	5	<	5	<	5		33	<	1	<	5		10		39														12	1	39	10.3	0	0.0
Aro >C9-C10 (w)	µg/l	800	6	<	5	<	5	<	5		18		20		9		382	<	1	<	5	<	5		181														12	1	382	53.5	0	0.0
Aro >C10-C12 (w)	µg/l	2800	364		13		277		152		1,975		343		78		314	<	5		47,629		2,203		1,278														12	5	47629	4,552.6	1	8.3
BTEX - Benzene (w)	µg/l	46.5	145	<	5	<	5		63	<	5	<	5		99		6	<	1	<	5		664	<	5														12	1	664	84.0	4	33.3
BTEX - Ethyl Benzene (w)	µg/l	5500	< 5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	1	<	5	<	5		11														12	1	11	5.2	0	0.0
BTEX - m & p Xylene (w)	µg/l	2000	< 5	<	5	<	5	<	5	<	5	<	5	<	5		17	<	1	<	5	<	5		17														12	1	17	6.7	0	0.0
BTEX - o Xylene (w)	µg/l	2000	< 5	<	5	<	5	<	5	<	5	<	5	<	5		7	<	1	<	5	<	5		10														12	1	10	5.3	0	0.0
MTBE (w)	µg/l	250000	< 5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	1	<	5		18	<	5														12	1	18	5.8	0	0.0
Acenapthene (w)	µg/l	750	14.89		1.77		25.37		10.91		13.6		683.65		4.15		4.7		0.14		0.05		0.48		183.81	<	0.01		0.2		0.1		0.03		0.05		0.2		18	0.01	683.65	52.5	0	0.0
Acenapthylene (w)	µg/l	90	0.24		0.04		2.14		0.21		1.01		7.69		0.14		0.55	<	0.01	<	0.01	<	0.01		4.15	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01		0.01		18	0.01	7.69	0.9	0	0.0
Naphthalene (w)	µg/l	450	313.55		3.73		205.62		2.27		3.12		5.63		20.89		17.8	<	0.01		4.55		1.28		617.91		0.02		0.28		0.11		0.1		0.09		0.03		18	0.01	617.91	66.5	1	5.6
Phenol	µg/l	1000000	21.8	<	5		9.37	<	5	<	5	<	0.5		11.7	<	5	<	0.5		7.13			<	0.5	<	0.4	<	0.4	<	0.2	<	0.05	<	0.05	<	0.4		17	0.05	21.8	4.3	0	0.0

TSV based upon HH indoor inhalation

			Customer Sample ID	BH112	BH112	BH112	BH115	BH115	BH115	BH3	BH3	BH3	WS401	WS401	BH409A	BH409A	BH409A	BH410	BH410	BH410	BH411	BH413	BH413	BH413	BH414	BH414	BH414
			Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
			Response Zone Strata	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG
			Sampled Date	28/09/10	28/10/2010	10/11/2010	28/09/10	27/10/2010	10/11/2010	29/09/10	13/10/10	11/11/2010	29/09/10	13/10/10	28/09/10	28/10/10	12/11/2010	28/09/10	13/10/10	17/11/2010	29/09/10	27/09/10	27/10/2010	10/11/2010	28/09/10	29/10/10	11/11/2010
Determinand	**Units**		**TSV**																								
Alkalinity, Total as CaCO3	mg/l	<2		425	300	300	174	125	110	125	85	205	310	215	315	290	305	250	165	267	120	725	674	650	240	220	200
Ammoniacal Nitrogen as N	mg/l	<0.2	0.3	4.88	5.34	3.78	0.764	0.301	< 0.2	0.466	0.808	0.28	0.446	0.301	< 0.2	< 0.2	< 0.2	7.6	1.3	6.85	0.545	7.08	7.24	5.97	2.68	2.27	0.507
Sulphide	mg/l	<0.01		1.7	0.652	5.75	< 0.01	< 0.01	< 0.01	< 0.01	0.177	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01	0.312	3.49	0.74	< 0.01	0.029	0.022	0.011	0.022	0.021	< 0.01
Sulphate	mg/l	<3	400	1250	852	805	304	194	119	1460	1120	1120	1510	1500	1190	1130	1090	935	970	927	1470	599	635	521	563	568	558
Cyanide, Total	mg/l	<0.05	1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.108	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
pH	pH Units	<1	6 to 9	8.05	8.2	8.22	8.38	8.44	8.45	8.24	8.14	6.62	7.89	8.22	8.49	8.17	7.62	8.09	8.03	7.74	8.15	8.99	8.82	8.88	8.04	8.27	7.15
Antimony (diss.filt)	µg/l	<0.16	50	2.29	2.16	14.9	1.04	4.15	3.83	4.1	1.36	56.9	190	70.2	153	52.2	44.9	0.413	0.868	0.557	3.49	11.2	15.8	7.53	1.58	1.37	5.05
Arsenic (diss.filt)	µg/l	<0.12	50	276	127	18.9	2.67	8.42	8.15	8.38	57.2	966	2870	181	161	242	187	20.1	15.7	< 0.12	8.26	512	449	348	6.71	2.75	12.9
Boron (diss.filt)	µg/l	<9.4	2000	188	169	176	147	176	134	106	2500	8650	673	574	220	287	227	126	126	98.2	103	186	172	164	157	131	300
Cadmium (diss.filt)	µg/l	<0.1	5	< 0.1	< 0.1	< 0.176	< 0.1	< 0.1	< 0.104	< 0.1	< 0.1	1.53	< 0.1	< 0.1	2.69	3.27	2.78	< 0.1	< 0.1	< 0.1	< 0.1	0.147	0.401	0.517	< 0.1	0.331	0.91
Chromium (diss.filt)	µg/l	<0.22	175	8.56	6.79	9.22	3.27	6.75	8.14	2.6	4.75	35.7	9.64	6.69	7.17	7.04	5.78	5.41	4.41	8.82	2.08	19.1	38.9	29.8	5.19	4.03	4.02
Copper (diss.filt)	µg/l	<0.85	22	1.65	0.85	8.09	2.02	4.25	13.8	3.36	2.02	206	4.48	2.33	57.2	132	165	3.97	1.63	3.82	3.73	20.1	151	100	2.33	1.88	17.2
Lead (diss.filt)	µg/l	<0.02	125	5.49	0.096	47.7	< 0.02	0.121	27.3	0.269	0.032	225	5.12	0.047	6.99	2.66	40.6	< 0.02	0.038	0.143	0.286	80.4	312	436	4.81	63.6	1310
Nickel (diss.filt)	µg/l	<0.15	100	6.19	5.93	5.22	4.63	2.14	3.58	8.21	10.6	23.3	22.4	18.4	29.7	27.9	26.3	5.68	7.62	9.61	8.38	29	48.2	30.1	12.3	21.2	34
Selenium (diss.filt)	µg/l	<0.39	100	3.58	9.7	10.7	0.643	1.33	1	11	< 0.39	9.52	10.2	3.48	61.4	59	56.8	14.5	< 0.39	< 0.39	10.1	11.4	33	< 0.39	6.67	9.37	22.5
Vanadium (diss.filt)	µg/l	<0.24	20	3.12	3.14	4.01	1.3	10.4	10.7	14.2	< 0.24	39.7	3.01	1.55	6.56	3.88	5.88	1.64	1.19	1.34	14.5	173	182	154	1.59	1.28	2.06
Zinc (diss.filt)	µg/l	<0.41	175	1.74	8.66	116	15	0.916	50.1	2.28	48.8	424	374	160	1670	2040	1960	2.4	4.46	5.94	2.69	8.96	38.4	67.6	32.6	94.4	202
Mercury (diss.filt)	µg/l	<0.01	1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0113	< 0.01	< 0.01	0.187	0.501	0.389	< 0.01	< 0.01	< 0.01
Hardness, Total as CaCO3	mg/l	<1																									
Phenols																											
Resorcinol (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 5	5.75	< 0.5	< 0.5	< 0.5	11.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 50	< 5	< 10	< 0.5
Catechol (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	1.56	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 50	< 5	< 10	< 0.5
Phenol (low level)	µg/l	<0.5	30	< 0.5	7.29	< 0.5	< 5	< 0.5	< 0.5	2.07	< 0.5	< 0.5	< 0.5	0.72	0.89	< 0.5	< 0.5	2.13	2.34	< 0.5	< 0.5	< 5	< 0.5	< 10	56.3	< 2	< 0.5
Cresols (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3.81	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 40	< 5	< 20	< 0.5
Xylenols (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	16.6	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 40	15.8	< 8	2.71
1-Napthol (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.74	< 0.5	< 0.5	< 0.5	< 5	10.9	60	< 5	< 10	< 0.5
2,3,5-Trimethylphenol (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 15	< 5	< 3	< 0.5
2-Isopropylphenol (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 30	< 5	< 6	< 0.5
Phenols, Total monohydric (low level)	µg/l	<0.5	30	< 0.5	7.29	< 0.5	< 0.5	< 0.5	< 0.5	2.07	< 0.5	< 0.5	< 0.5	0.72	0.89	< 0.5	< 0.5	22.5	2.34	< 0.5	< 0.5	< 0.5	< 0.5	40	72.1	20	2.71
Phenols, Total 5 speciated (low level)	µg/l	<0.5	30	< 0.5	7.29	< 0.5	< 0.5	< 0.5	< 0.5	2.07	< 0.5	< 0.5	< 0.5	0.72	0.89	< 0.5	< 0.5	22.5	2.34	< 0.5	< 0.5	< 0.5	< 0.5	40	72.1	20	2.71
Phenols, Total monohydric	µg/l	<0.015	30																								
Max Phenol	µg/l		30	0.5	7.29	0.5	5	0.5	0.5	2.07	0.5	0.5	0.5	0.72	0.89	0.5	0.5	22.5	2.34	0.5	0.5	5	0.5	40	72.1	20	2.71
Petroleum Hydrocarbons																											
Benzene	µg/l	<7	30	23	45	25	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	55	44	8	< 7	< 7	< 7
Toluene	µg/l	<4	50	< 4	4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Ethylbenzene	µg/l	<5	20	6	9	6	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	7	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m,p-Xylene	µg/l	<8	30	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
o-Xylene	µg/l	<3	30	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	6	< 3	< 5	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Methyl tertiary butyl ether (MTBE)	µg/l	<3	300	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
GRO >C5-C12	µg/l	<50	100	199	232	153	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	331	633	< 50	104	< 66	< 50	< 50	< 50	< 50
GRO >C10-C12	µg/l	<10	100	145	154	102	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	269	535	< 10	28	12	< 10	< 10	< 10	< 10
GRO >C5-C10	µg/l	<10	100	37		32	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	10	59	90	< 10	27		< 10	< 10	< 10	< 10
m,p,o-Xylene	µg/l	<10	30	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BTEX, Total	µg/l	<10		29	58	31	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	55	44	< 10	< 10	< 10	< 10
EPH Range >C10 - C40 (aq)	µg/l	<46		454	890	640	177	214	104	< 46	< 46	244	331	1230	< 46	< 46	< 46	6300	5150	4300	123	2140	1130	475	429	278	201
EPH Band >C10-C20 (aq)	µg/l	<10	100	401	736	349	91.6	74.3	40.4	< 10	< 10	27.6	141	341	< 10	< 10	< 10	4490	4380	2680	37.7	683	402	170	218	127	70.3
EPH Band >C20-C30 (aq)	µg/l	<10	100	40.4	89.2	170	85.3	110	46.9	< 10	< 10	169	140	634	< 10	< 10	< 10	1510	678	1320	59.1	1110	548	229	163	114	103
EPH Band >C30-C40 (aq)	µg/l	<10	100	13.1	62.1	123	< 10	29.6	16.6	< 10	< 10	47.3	49.9	254	< 10	< 10	< 10	305	94.4	308	26.4	341	181	77.5	47.4	37.3	27.7
Aliphatics >C5-C6	µg/l	<10	100		< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10		< 10	< 10			< 10	< 10		< 10	< 10
Aliphatics >C6-C8	µg/l	<10	100		< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10		< 10	< 10			< 10	< 10		< 10	< 10
Aliphatics >C8-C10	µg/l	<10	100		< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10		28	42			< 10	< 10		< 10	< 10
Aliphatics >C10-C12	µg/l	<10	100		93	61		< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10		161	321			< 10	< 10		< 10	< 10
Aliphatics >C12-C16 (aq)	µg/l	<10	100		< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10		467	665			< 10	< 10		< 10	< 10
Aliphatics >C16-C21 (aq)	µg/l	<10	100		< 10	< 10		< 10	< 10		< 10	< 10		22	< 10	< 10	< 10		399	734			20	< 10		< 10	< 10
Aliphatics >C21-C35 (aq)	µg/l	<10	100		< 10	< 10		< 10	< 10		< 10	194		276	< 10	< 10	< 10		270	475			213	< 10		< 10	< 10
Aromatics >C5-C7	µg/l	<10	100		45	25		< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10		44	< 10			< 10	< 10		< 10	< 10
Aromatics >C7-C8	µg/l	<10	100		< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10		< 10	< 10			< 10	< 10		< 10	< 10
Aromatics >EC8-EC10	µg/l	<10	100		18	12		< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10		30	45			< 10	< 10		< 10	< 10
Aromatics >EC10-EC12	µg/l	<10	100		62	41		< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10		108	214			< 10	< 10		< 10	< 10
Aromatics >EC12-EC16 (aq)	µg/l	<10	100		56	< 10		< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10		712	81			< 10	< 10		< 10	< 10
Aromatics >EC16-EC21 (aq)	µg/l	<10	100		< 10	< 10		< 10	< 10		< 10	< 10		162	< 10	< 10	< 10		627	316			< 10	< 10		< 10	< 10
Aromatics >EC21-EC35 (aq)	µg/l	<10	100		< 10	< 10		< 10	< 10		< 10	< 10		400	< 10	< 10	< 10		127	466			12	< 10		< 10	< 10
Total Aliphatics & Aromatics >C5-35 (aq)	µg/l	<10	100		288	152		< 10	< 10		< 10	194		879	< 10	< 10	< 10		2930	3370			311	< 10		< 10	< 10
PAHs																											
Naphthalene (aq)	µg/l	<0.1	10	0.248	1.13	0.529	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.101	0.402	1.65	< 0.1	< 0.1	< 0.1	0.175	0.285	0.38	< 0.1	1.32	2.73	2.9	0.251	0.203	< 0.1
Acenaphthene (aq)	µg/l	<0.015		27.1	28.7	21.3	0.161	< 0.015	< 0.015	< 0.015	0.0741	0.123	1.76	7.22	0.0686	0.0245	< 0.015	1.08	137	1.3	0.0385	2.6	0.843	0.916	0.0818	0.0299	< 0.015
Acenaphthylene (aq)	µg/l	<0.011		0.593	0.434	0.334	< 0.011	< 0.011	0.0168	< 0.011	< 0.011	0.0165	0.131	0.342	< 0.011	< 0.011	< 0.011	0.451	4.75	0.511	< 0.011	0.0416	0.0184	0.0164	0.0207	0.0111	< 0.011
Fluoranthene (aq)	µg/l	<0.014	0.1	0.79	0.998	2.57	0.307	0.243	0.0816	0.108	0.0381	2.52	9.85	52.8	0.0572	0.188	0.0229	9.58	26	11	0.541	4.72	2.55	1.64	1.03	0.434	0.236
Anthracene (aq)	µg/l	<0.015	0.1	0.116	0.368	0.61	0.0406	0.0276	< 0.015	0.0156	< 0.015	0.236	0.786	6.99	< 0.015	0.0301	< 0.015	2	4.98	5.04	0.0722	0.847	0.373	0.217	0.138	0.0644	0.0294
Phenanthrene (aq)	µg/l	<0.022		0.0981	0.545	1.3	0.0338	0.0872	0.0401	0.071	0.0307	1.2	3.34	24.2	0.0443	0.109	0.0263	1.67	0.648	4.11	0.354	4.62	1.9	1.07	0.488	0.215	0.103
Fluorene (aq)	µg/l	<0.014		4.81	6.5	4.65	0.0514	< 0.014	< 0.014	< 0.014	< 0.014	0.0891	0.731	5.36	< 0.014	0.0181	< 0.014	0.619	36.9	0.931	0.0278	1.08	0.421	0.293	0.0868	0.0308	< 0.014
Chrysene (aq)	µg/l	<0.013		0.121	0.219	0.964	0.0498	0.151	0.0346	0.0653	0.0146	0.805	4.89	22.6	0.0414	0.116	0.0134	2.85	1.11	3.01	0.337	1.76	1.14	0.712	0.551	0.283	0.163
Pyrene (aq)	µg/l	<0.015		0.654	0.79	2.33	0.222	0.228	0.0761	0.107	0.0446	2.5	7.73	43.4	0.0582	0.177	0.0207	9.51	16.2	12.2	0.538	4.66	2.51	1.62	0.945	0.419	0.223
Benzo(a)anthracene (aq)	µg/l	<0.017		0.0858	0.177	0.805	0.0514	0.118	0.0563	0.0556	0.0244	1.49	3.2	15.1	0.0301	0.0922	0.0237	2.23	1.19	2.81	0.26	1.38	0.875	0.556	0.483	0.269	0.149
Benzo(b)fluoranthene (aq)	µg/l	<0.023		0.0238	0.153	0.65	0.0384	0.152	0.07	0.0432	< 0.023	1.29	2.62	11	< 0.023	0.084	< 0.023	2.21	0.364	3.58	0.198	0.984	0.821	0.516	0.597	0.159	0.101
Benzo(k)fluoranthene (aq)	µg/l	<0.027		< 0.027	0.122	0.629	0.0299	0.134	0.0538	0.0366	< 0.027	1.31	2.07	9.25	< 0.027	0.0642	< 0.027	1.92	0.312	2.19	0.235	1.01	0.638	0.459	0.571	0.214	0.0823
Benzo(a)pyrene (aq)	µg/l	<0.009	0.5	0.0328	0.158	0.813	0.0346	0.155	0.0698	0.0543	0.0118	1.54	2.69	12.4	0.0117	0.0807	0.009	2.01	0.249	2.17	0.265	0.961	0.761	0.492	0.572	0.206	0.104
Dibenzo(a,h)anthracene (aq)	µg/l	<0.016		< 0.016	0.0202	0.103	< 0.016	0.0207	0.0283	< 0.016	< 0.016	0.189	0.483	1.76	< 0.016	< 0.016	< 0.016	0.346	0.022	0.429	0.0286	0.128	0.0926	0.059	0.107	0.0332	< 0.016
Benzo(g,h,i)perylene (aq)	µg/l	<0.016		0.0216	0.107	0.445	0.0246	0.125	0.0763	0.04	< 0.016	0.895	1.7	6.78	< 0.016	0.0485	< 0.016	1.34	0.11	1.53	0.16	0.558	0.463	0.299	0.429	0.158	0.0668
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.014		0.0156	0.0759	0.37	0.0182	0.0956	0.0639	0.0277	< 0.014	0.806	1.37	5.5	< 0.014	0.0374	< 0.014	1.08	0.0988	1.33	0.12	0.403	0.35	0.198	0.348	0.127	0.0438
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	µg/l	<0.1	10	34.7	40.5	38.5	1.06	1.42	0.623	0.597	0.238	15.1	43.7	226	0.312	1.07	0.118	39.1	231	52.6	3.17	27.1	16.5	12	6.7	2.86	1.22
PAH WHO 4 (sum from above)	µg/l	<0.4	1	0.088	0.4579	0.4579	0.1111	0.5066	0.5066	0.1475	0.08	0.08	7.76	32.53	0.08	0.2341	0.2341	6.55	0.8848	0.8848	0.713	2.955	2.272	2.272	1.945	0.658	0.658
SVOCS																											
1,2,4-Trichlorobenzene (aq)	µg/l	<1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.36	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene (aq)	µg/l	<1	20	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.99	5.12	3.19	< 1	< 1	< 1
1,3-Dichlorobenzene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

			Customer Sample ID		BH112		BH112		BH112		BH115		BH115		BH115		BH3		BH3		BH3		WS401		WS401		BH409A		BH409A		BH409A		BH410		BH410		BH410		BH411		BH413		BH413		BH413		BH414		BH414		BH414
			Sample Type		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW
			Response Zone Strata		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG
			Sampled Date		28/09/10		28/10/2010		10/11/2010		28/09/10		27/10/2010		10/11/2010		29/09/10		13/10/10		11/11/2010		29/09/10		13/10/10		28/09/10		28/10/10		12/11/2010		28/09/10		13/10/10		17/11/2010		29/09/10		27/09/10		27/10/2010		10/11/2010		28/09/10		29/10/10		11/11/2010
Determinand	**Units**		**TSV**																																															
1,4-Dichlorobenzene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1.34	<	1	<	1	<	1	<	1
2,4,5-Trichlorophenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2,4,6-Trichlorophenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1.06	<	1	<	1	<	1	<	1
2,4-Dichlorophenol (aq)	µg/l	<1	20	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1.97	<	2.7	<	1.78	<	1	<	1	<	1
2,4-Dimethylphenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1.45	<	1	<	1	<	1	<	1
2,4-Dinitrotoluene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2,6-Dinitrotoluene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2-Chloronaphthalene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2-Chlorophenol (aq)	µg/l	<1	50	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2-Methylnaphthalene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2-Methylphenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2-Nitroaniline (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
2-Nitrophenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
3-Nitroaniline (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
4-Bromophenylphenylether (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
4-Chloro-3-methylphenol (aq)	µg/l	<1	40	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
4-Chloroaniline (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1.53	<	1	<	1	<	1
4-Chlorophenylphenylether (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
4-Methylphenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
4-Nitrophenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
4-Nitroaniline (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	2.21	<	5.68	<	2.39	<	1	<	1
Azobenzene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
bis(2-Chloroethyl)ether (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
bis(2-Chloroethoxy)methane (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
bis(2-Ethylhexyl) phthalate (aq)	µg/l	<2	100	<	2	<	2	<	2.89	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2.04	<	2	<	5	<	2	<	2	<	2	<	2
Butylbenzyl phthalate (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Carbazole (aq)	µg/l	<1	100	<	1	<	4.5	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	2.28	<	1	<	1	<	1	<	1	<	2.16	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Dibenzofuran (aq)	µg/l	<1	100	<	1	<	8.59	<	1	<	1	<	1	<	1	<	1	<	1	<	3.6	<	1	<	1	<	1	<	1	<	13.4	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
n-Dibutyl phthalate (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	2	<	1	<	1	<	1	<	2	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Diethyl phthalate (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Dimethyl phthalate (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
n-Dioctyl phthalate (aq)	µg/l	<5	100	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5	<	5
Hexachlorobenzene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Hexachlorobutadiene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Pentachlorophenol (aq)	µg/l	<1	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	5	<	1
n-Nitroso-n-dipropylamine (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Hexachloroethane (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Nitrobenzene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Isophorone (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
Hexachlorocyclopentadiene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
VOCs			100																																															
Dichlorodifluoromethane	µg/l	<7	100	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7	<	7
Chloromethane	µg/l	<9	100	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9	<	9
Vinyl chloride	µg/l	<1.2	5	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2
Bromomethane	µg/l	<2	100	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2
Chloroethane	µg/l	<2.5	100	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5
Trichlorofluoromethane	µg/l	<1.3	100	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
1,1-Dichloroethene	µg/l	<1.2	100	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2
Carbon disulphide	µg/l	<1.3	100	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
Dichloromethane	µg/l	<3.7	2000	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7
Methyl tertiary butyl ether (MTBE)	µg/l	<1.6	300	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6
trans-1,2-Dichloroethene	µg/l	<1.9	100	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9
1,1-Dichloroethane	µg/l	<1.2	100	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2
cis-1,2-Dichloroethene	µg/l	<2.3	100	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3
2,2-Dichloropropane	µg/l	<3.8	100	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8
Bromochloromethane	µg/l	<1.9	100	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9
Chloroform	µg/l	<1.8	12	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8
1,1,1-Trichloroethane	µg/l	<1.3	100	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
1,1-Dichloropropene	µg/l	<1.3	100	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
Carbontetrachloride	µg/l	<1.4	12	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4
1,2-Dichloroethane	µg/l	<3.3	10	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3
Benzene	µg/l	<1.3	30		28.9		45.2		33	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
Trichloroethene	µg/l	<2.5	10	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5
1,2-Dichloropropane	µg/l	<3	100	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3
Dibromomethane	µg/l	<2.7	100	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7
Bromodichloromethane	µg/l	<0.9	1000	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9
cis-1,3-Dichloropropene	µg/l	<1.9	100	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9
Toluene	µg/l	<1.4	20	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4
trans-1,3-Dichloropropene	µg/l	<3.5	100	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5
1,1,2-Trichloroethane	µg/l	<2.2	400	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2
1,3-Dichloropropane	µg/l	<2.2	100	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2
Tetrachloroethene	µg/l	<1.5	100	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5
Dibromochloromethane	µg/l	<1.7	1000	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7
1,2-Dibromoethane	µg/l	<2.3	100	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<

			Customer Sample ID	BH112		BH112		BH112		BH115		BH115		BH115		BH3		BH3		BH3		WS401		WS401		BH409A		BH409A		BH409A		BH410		BH410		BH410		BH411		BH413		BH413		BH413		BH414		BH414		BH414
			Sample Type	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW
			Response Zone Strata	MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG
			Sampled Date	28/09/10		28/10/2010		10/11/2010		28/09/10		27/10/2010		10/11/2010		29/09/10		13/10/10		11/11/2010		29/09/10		13/10/10		28/09/10		28/10/10		12/11/2010		28/09/10		13/10/10		17/11/2010		29/09/10		27/09/10		27/10/2010		10/11/2010		28/09/10		29/10/10		11/11/2010
Determinand	**Units**		**TSV**																																														
1,3,5-Trimethylbenzene	µg/l	<1.8	100	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8		1.8		5.49		3.28		3.71	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8
4-Chlorotoluene	µg/l	<1.9	100	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9
tert-Butylbenzene	µg/l	<2	100	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2
1,2,4-Trimethylbenzene	µg/l	<1.7	100	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7
sec-Butylbenzene	µg/l	<1.7	100	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7
4-iso-Propyltoluene	µg/l	<2.6	100	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6
1,3-Dichlorobenzene	µg/l	<2.2	20	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2
1,4-Dichlorobenzene	µg/l	<2.7	20	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7
n-Butylbenzene	µg/l	<2	100	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2
1,2-Dichlorobenzene	µg/l	<3.7	20	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7
1,2-Dibromo-3-chloropropane	µg/l	<9.8	100	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8
1,2,4-Trichlorobenzene	µg/l	<2.3	0.4	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3
Hexachlorobutadiene	µg/l	<2.5	100	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5
tert-Amyl methyl ether (TAME)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
1,2,3-Trichlorobenzene	µg/l	<3.1	0.4	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1
1,3,5-Trichlorobenzene	µg/l	<10	0.4	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10

EQS values used based upon 50-100mg CaCO3 and cyprinid water course except where noted otherwise

Denotes DWS x10 value used as TSV

Denotes indicative TSV based upon professional judgement

			Customer Sample ID	BH415		BH415S		BH415S	BH416		BHS304		BHS304		BHS304	BHS307		BHS307		BHS307		BHS313		BHS314		BHS314		BHS314		BHS319		BHS319		BHS319		BHS324		BHS324		BHS324		WS405		WS408		WS408		WS408
			Sample Type	GW		GW		GW	GW		GW		GW		GW	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW
			Response Zone Strata	MG		MG		MG	MG		MG		MG		MG	MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG
			Sampled Date	29/09/10		28/10/2010		11/11/2010	29/09/10		28/09/10		27/10/10		10/11/2010	28/09/10		29/10/10		12/11/2010		29/09/10		29/09/10		28/10/10		10/11/2010		28/09/10		28/10/10		10/11/2010		27/09/10		28/10/10		10/11/2010		29/09/10		27/09/10		28/10/10		10/11/2010
Determinand	**Units**		**TSV**																																												
Alkalinity, Total as CaCO3	mg/l	<2		<	2	<	2	<	2	430		80		75	85	110		113		175		210		135		55		60		235		385		270		450		465		500		190		275		156		305
Ammoniacal Nitrogen as N	mg/l	<0.2	0.3		9.3		9.64		7.76	2.73		1.33		1.48	1.18	3.24		3.95		3.48		1.71	<	0.2	<	0.2		0.2		0.398		0.349	<	0.2		7.64		8.66		8.18		0.956		5.76		3.81		4.11
Sulphide	mg/l	<0.01		<	0.01	<	0.01	<	0.01	< 0.01	<	0.01	<	0.01	< 0.01	< 0.01	<	0.01		191	<	0.01	<	0.01	<	0.01	<	0.01	<	0.214	<	0.01		0.026	<	0.01		0.029		0.024	<	0.01	<	0.01	<	0.01	<	0.01
Sulphate	mg/l	<3	400		1940		1980		1890	317		849		812	804	3900		2870		2340		1360		432		467		487		948		1090		1080		612		676		683		1430		221		187		174
Cyanide, Total	mg/l	<0.05	1	<	0.05	<	0.05	<	0.05	< 0.05	<	0.05	<	0.05	< 0.05	0.064		0.07	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05
pH	pH Units	<1	6 to 9		3.11		3.12		3.33	7.97		7.35		8.13	8.1	8.05		5.39		8.74		8.13		8.14		8.25		8.04		8.15		7.84		8.09		8.27		8.02		8.31		8.12		8.73		11.4		11.3
Antimony (diss.filt)	µg/l	<0.16	50	<	0.16	<	0.16		0.281	1.1		8.68		5.82	5.63	125		66.9		0.2		1.85		11.8		4.77		4.82		11.8		11.6		5.69		11.7		14.8		12.6		1.41		10.9		13.2		11.3
Arsenic (diss.filt)	µg/l	<0.12	50		0.222		0.921		7.91	3.42		8750		16600	23200	7610		3170		25.2		8.07		98.2		45.6		39		1950		289		336		106		41.1		295		2.85		6.32		4.81		9.14
Boron (diss.filt)	µg/l	<9.4	2000		402		445		345	250		144		131	116	207		164		142		293		1860		1890		1480		119		125		76.5		241		250		237		271		125		118		98.8
Cadmium (diss.filt)	µg/l	<0.1	5		1.76		2.46		1.28	0.287		0.155		0.171	0.215	< 0.1	<	0.1	<	0.1		0.239	<	0.1	<	0.1		0.141	<	0.1	<	0.1		0.606	<	0.1	<	0.1	<	0.1		0.261		0.158	<	0.1		0.37
Chromium (diss.filt)	µg/l	<0.22	175		3.28		3.82		4.41	9.13		2.33		3.86	5.39	8.67		5.39		5.56		5.79		0.916		1.22		1.72		4.9		8.44		9.09		10		10.5		16.3		4.05		26.5		43.2		32.8
Copper (diss.filt)	µg/l	<0.85	22		152		158		108	11.5		8.4		5.94	60.6	64.4		15.8		89.5		7.11		4.14		1.73		3.53		2.24	<	0.85		8.92		2.06	<	0.85		3.42		6.32		12.9		18.4		30
Lead (diss.filt)	µg/l	<0.02	125		1.76		3.66		4.21	0.218	<	0.02	<	0.02	12.8	0.305		0.045		2.25		0.467		0.059		0.086		1.73		3.14		0.223		50.8	<	0.02		0.079		20		0.026		2.59		1.18		53.1
Nickel (diss.filt)	µg/l	<0.15	100		57.5		48.9		30.5	15.3		6.03		7.32	6.83	8.94		7.53		11.4		11.5		4.71		4.44		4.07		7.61		11.7		13.8		2.76		3.53		3.52		12.2		26.8		19.6		21.1
Selenium (diss.filt)	µg/l	<0.39	100		0.44		1.32		2.92	14.8		42		11.8	16.7	187		106		157		17.6		13.6		3.68	<	0.39		17.3		10.6		9.9		11.1		13.3	<	0.39		10.3		8.54		6.23		4.51
Vanadium (diss.filt)	µg/l	<0.24	20		0.941		0.54		5.33	3.74		2.69		2.24	6.12	23.1		15.2		22.1		2.03		14.3		22.4		18.4		7.72		5.08		5.99		2.64		3		4.94		1.38		49.7		54.7		60.2
Zinc (diss.filt)	µg/l	<0.41	175		4460		3230		1420	799		11		9.25	36.1	41.4		6.83		1460		131		1.27	<	0.41		3.56		17.6		21.8		322		9.06		1.13		4.57		93.1		4.46		0.73		119
Mercury (diss.filt)	µg/l	<0.01	1	<	0.01	<	0.01	<	0.01	< 0.01	<	0.01	<	0.0106	< 0.01	< 0.01	<	0.01	<	0.01	<	0.01		0.0334		0.0238		0.0231	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01		0.0226		0.013		
Hardness, Total as CaCO3	mg/l	<1																																														
Phenols																																																	
Resorcinol (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	< 0.5	<	0.5	<	0.5	< 0.5			< 10	<	10	<	0.5	<	0.5	<	0.5	<	0.5			<	10	<	10			<	10	<	10	<	0.5			<	0.5	<	10
Catechol (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	< 0.5	<	0.5	<	0.5	< 0.5			< 10	<	10	<	0.5	<	0.5	<	0.5	<	0.5			<	10	<	10			<	10	<	10	<	0.5				<	0.5		290
Phenol (low level)	µg/l	<0.5	30	<	0.5	<	0.5	<	0.51	< 0.5	<	0.92	<	0.5	< 0.5			< 2		2440	<	0.5	<	1.37	<	0.71	<	1.7			<	2	<	10			<	2	<	2	<	2	<	0.5				<	0.5		1580
Cresols (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	< 0.5	<	0.5	<	0.5	< 0.5			< 6	<	6	<	0.5	<	0.5	<	0.5	<	0.5			<	6	<	6			<	6	<	6	<	6	<	0.5				<	0.5		240
Xylenols (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	< 0.5	<	0.5	<	0.5	< 0.5			< 8	<	8	<	0.5	<	0.5	<	0.5	<	0.5				1400		650			<	120	<	150	<	0.5				<	0.5	<	610
1-Napthol (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	< 0.5	<	0.5	<	0.5	< 0.5			< 10	<	10	<	0.5	<	0.5	<	0.5	<	0.5			<	10	<	10			<	10	<	20	<	0.5				<	0.5	<	10
2,3,5-Trimethylphenol (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	< 0.5	<	0.5	<	0.5	< 0.5			< 3	<	3	<	0.5	<	0.5	<	0.5	<	0.5			<	3	<	3			<	3	<	3	<	0.5				<	0.5	<	3
2-Isopropylphenol (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	< 0.5	<	0.5	<	0.5	< 0.5			< 6	<	6	<	0.5	<	0.5	<	0.5	<	0.5			<	6		180			<	6	<	6	<	0.5				<	0.5	<	6
Phenols, Total monohydric (low level)	µg/l	<0.5	30	<	0.5	<	0.5	<	0.51	< 0.5	<	0.92	<	0.5	< 0.5			< 15		2440	<	0.5		1.37		0.71		1.7				1400		720				120	<	150	<	0.5				<	0.5		2430
Phenols, Total 5 speciated (low level)	µg/l	<0.5	30	<	0.5	<	0.5	<	0.51	< 0.5	<	0.92	<	0.5	< 0.5			< 25		2440	<	0.5		1.37		0.71		1.7				1400		90				120	<	150	<	0.5				<	0.5		2430
Phenols, Total monohydric	µg/l	<0.015	30													< 15														5100					150							4210					
Max Phenol	µg/l		30		0.5		0.5		0.51	0.5		0.92		0.5	0.5	15		25		2440		0.5		1.37		0.71		1.7		5100		1400		720		150		120		150		0.5		4210		0.5		2430
Petroleum Hydrocarbons																																																
Benzene	µg/l	<7	30	<	7	<	7	<	7	< 7	<	7	<	7	< 7	< 7	<	7	<	7	<	7	<	7	<	7	<	7		444		57		79		84		82		82	<	7	<	7	<	7	<	7
Toluene	µg/l	<4	50	<	4	<	4	<	4	< 4	<	4	<	4	< 4	36		23		53	<	4	<	4	<	4	<	4		63		7		14	<	4	<	4	<	4	<	4	<	4		38		26		26
Ethylbenzene	µg/l	<5	20	<	5	<	5	<	5	< 5	<	5	<	5	< 5	< 5	<	5	<	5	<	5	<	5	<	5	<	5		83		8		19	<	5	<	5	<	5	<	5	<	5	<	5		5		5
m,p-Xylene	µg/l	<8	30	<	8	<	8	<	8	< 8	<	8	<	8	< 8	< 8	<	8	<	8	<	8	<	8	<	8	<	8		120		8		24	<	8	<	8	<	8	<	8	<	8	<	8		8		8
o-Xylene	µg/l	<3	30	<	3	<	3	<	3	< 3	<	3	<	3	< 3	< 3	<	3	<	3	<	3	<	3	<	3	<	3		72		5		15	<	3	<	3	<	3	<	3	<	3	<	3		3		3
Methyl tertiary butyl ether (MTBE)	µg/l	<3	300		24		24	<	3	< 3	<	3	<	3	< 3	< 3	<	3	<	3	<	3	<	3	<	3	<	3	<	3		3		3	<	3	<	3	<	3	<	3	<	3		3		3
GRO >C5-C12	µg/l	<50	100	<	50	<	50	<	50	< 50	<	50	<	50	< 50	13400		58		36300	<	50	<	50	<	50	<	50		4220		450		461		219		197		176	<	50		236		224		171
GRO >C10-C12	µg/l	<10	100	<	10	<	10	<	10	< 10	<	10	<	10	< 10	266		17		517	<	10	<	10	<	10	<	10		2740		231		204		110		83		61	<	10		100		100		74
GRO >C5-C10	µg/l	<10	100		24			<	10	< 10	<	10			< 10	13100		22		35800	<	10	<	10			<	10		1480				256		34				39	<	10		136				97
m,p,o-Xylene	µg/l	<10	30	<	10	<	10	<	10	< 10	<	10	<	10	< 10	< 10	<	10	<	10	<	10	<	10	<	10	<	10		192		13		39	<	10	<	10	<	10	<	10	<	10	<	10		10		10
BTEX, Total	µg/l	<10		<	10	<	10	<	10	< 10	<	10	<	10	< 10	36		23		53	<	10	<	10	<	10	<	10		782		85		151		84		82		82	<	10		38		26		26
EPH Range >C10 - C40 (aq)	µg/l	<46		<	46		82.7		104	< 46	<	46	<	46	< 46	1390		509		906		130	<	46	<	46	<	46		10500		8650		3560		836		1260		654	<	46		2000		1900		1360
EPH Band >C10-C20 (aq)	µg/l	<10	100	<	10	<	10		74.3	< 10	<	10	<	10	< 10	1330		462		711	<	10	<	10	<	10	<	10		10300		5820		1620		755		1040		582	<	10		1490		1080		912
EPH Band >C20-C30 (aq)	µg/l	<10	100	<	10	<	10		29.6	< 10	<	10	<	10	< 10	43.3		38.1		90.6		88.7	<	10	<	10	<	10		211		2290		1550		67.5		173		56	<	10		427		532		358
EPH Band >C30-C40 (aq)	µg/l	<10	100	<	10	<	10	<	10	< 10	<	10	<	10	< 10	11.8	<	10		103		41.3	<	10	<	10	<	10		21.4		559		383		14.3		48.4		17.5	<	10		80.9		283		88.4
Aliphatics >C5-C6	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10		14					<	10	<	10			<	10	<	10			<	10	<	10						26		13
Aliphatics >C6-C8	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10		21					<	10	<	10			<	10	<	10			<	10	<	10						21		19
Aliphatics >C8-C10	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10		21400					<	10	<	10			<	10	<	10			<	13	<	14						21		19
Aliphatics >C10-C12	µg/l	<10	100			<	10	<	10				<	10	< 10			17		310					<	10	<	10				138		122				50		37							60		45
Aliphatics >C12-C16 (aq)	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10	<	10					<	10	<	10			<	10	<	10			<	10	<	10						10	<	10
Aliphatics >C16-C21 (aq)	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10	<	10					<	10	<	10				18	<	10			<	10	<	10						10	<	10
Aliphatics >C21-C35 (aq)	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10	<	10					<	10	<	10			<	10	<	10			<	10	<	10						10	<	10
Aromatics >C5-C7	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10	<	10					<	10	<	10				57		79				82		82							10	<	10
Aromatics >C7-C8	µg/l	<10	100			<	10	<	10				<	10	< 10			24		53					<	10	<	10			<	10	<	14			<	10	<	10						26		26
Aromatics >EC8-EC10	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10		14300					<	10	<	10				65		95				13		13							26		21
Aromatics >EC10-EC12	µg/l	<10	100			<	10	<	10				<	10	< 10			11		207					<	10	<	10				92		82				33		24							40		30
Aromatics >EC12-EC16 (aq)	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10		22					<	10	<	10				805		268				142		54							140		100
Aromatics >EC16-EC21 (aq)	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10	<	10					<	10	<	10				379		279				47	<	10							10	<	10
Aromatics >EC21-EC35 (aq)	µg/l	<10	100			<	10	<	10				<	10	< 10			< 10	<	10					<	10	<	10				1270		1310				24	<	10							10	<	10
Total Aliphatics & Aromatics >C5-35 (aq)	µg/l	<10	100			<	10	<	10				<	10	< 10			79		36300					<	10	<	10				2930		2310				410		230							364		271
PAHs																																																
Naphthalene (aq)	µg/l	<0.1	10	<	0.1		0.293	<	0.1	< 0.1	<	0.1	<	0.1	< 0.1	400		13.1		516	<	0.1	<	0.1	<	0.1	<	0.1		131		55.3		38.2		0.675		8.04		4.6	<	0.1		1.66		1.32		0.234
Acenaphthene (aq)	µg/l	<0.015		<	0.015		0.03	<	0.015	< 0.0617	<	0.015	<	0.015	< 0.015	0.461		0.234		1.12		0.0467	<	0.015	<	0.015	<	0.015		72		48.2		41		32.8		63.1		40.2		0.0201		0.779		0.836		0.586
Acenaphthylene (aq)	µg/l	<0.011		<	0.011	<	0.011	<	0.011	0.011	<	0.011	<	0.011	< 0.011	< 0.22		0.0466	<	0.22		0.0168	<	0.011	<	0.0157	<	0.011		3.29		2.01		1.9		0.104		0.188		0.0983	<	0.011		0.0494		0.039		0.0294
Fluoranthene (aq)	µg/l	<0.014	0.1		0.202		0.191		0.1	0.0551		0.0218	<	0.014	< 0.014	1.98		0.922		1.56		0.949	<	0.014	<	0.021	<	0.014		60.3		227		116		0.997		3.83		1.12		0.122		0.169		0.616		0.254
Anthracene (aq)	µg/l	<0.015	0.1		0.0251		0.0195	<	0.015	< 0.0218	<	0.015	<	0.015	< 0.015	0.655		0.42		0.606		0.0861	<	0.015	<	0.015	<	0.015		15.8		28.2		16.1		0.395		1.18		0.474		0.0222		0.0808		0.104		0.0764
Phenanthrene (aq)	µg/l	<0.022			0.108		0.0926	<	0.022	0.0495	<	0.022	<	0.022	< 0.022	2.04		0.545		1.95		0.445	<	0.022	<	0.022	<	0.022		42.6		89.8		47.5		0.0868		0.785		0.0837		0.104		0.149		0.477		0.179
Fluorene (aq)	µg/l	<0.014			0.0162		0.0194	<	0.014	< 0.014	<	0.014	<	0.014	< 0.014	0.518		0.158		0.587		0.0389	<	0.014	<	0.014	<	0.014		35.7		32.3		24.2		0.801		2.93		1.47		0.018		0.283		0.254		0.181
Chrysene (aq)	µg/l	<0.013			0.148		0.0596		0.0545	0.0349		0.0148	<	0.013	< 0.013	0.372		0.381	<	0.26		0.61	<	0.013		0.0149	<	0.013		35		133		67.8		0.0283		0.818		0.0276		0.0723		0.0424		0.373		0.123
Pyrene (aq)	µg/l	<0.015			0.209		0.189		0.145	0.0587		0.0264	<	0.015	< 0.015	1.79		1.33		1.37		0.975	<	0.015	<	0.021	<	0.015		62.9		236		116		0.633		3.01		0.704		0.122		0.161		0.595		0.297
Benzo(a)anthracene (aq)	µg/l	<0.017			0.135		0.0554		0.0441	0.0288	<	0.017	<	0.017	< 0.017	0.505		0.409	<	0.34		0.514	<	0.017	<	0.017	<	0.017		24		109		57.7		0.0263		0.777		0.0317		0.057		0.0522		0.329		0.142
Benzo(b)fluoranthene (aq)	µg/l	<0.023			0.148		0.115		0.0417	0.0235	<	0.023	<	0.023	< 0.023	< 0.46		0.222	<	0.46		0.611	<	0.023	<	0.023	<	0.023		7.49		54.5		34.1	<	0.023		0.714	<	0.023		0.038		0.0266		0.312		0.116
Benzo(k)fluoranthene (aq)	µg/l	<0.027			0.144		0.0991		0.0311	< 0.027	<	0.027	<	0.027	< 0.027	< 0.54		0.245	<	0.54		0.438	<	0.027	<	0.027	<	0.027		6.51		44.1		20.3	<	0.027		0.68	<	0.027		0.0402	<	0.027		0.363		0.0889
Benzo(a)pyrene (aq)	µg/l	<0.009	0.5		0.171		0.0955		0.0331	0.025		0.0118	<	0.009	< 0.009	< 0.18		0.215	<	0.18		0.631	<	0.009		0.0187	<	0.009		7.41		45		26.3	<	0.009		0.857	<	0.009		0.0487		0.0277		0.399		0.115
Dibenzo(a,h)anthracene (aq)	µg/l	<0.016		<	0.016	<	0.016	<	0.016	< 0.016	<	0.016	<	0.016	< 0.016	< 0.32		0.0216	<	0.32		0.127	<	0.016	<	0.016	<	0.016	<	0.8		4.3		2.83	<	0.016		0.115	<	0.016	<	0.016	<	0.016	<	0.016		0.0503	<	0.016
Benzo(g,h,i)perylene (aq)	µg/l	<0.016			0.0836		0.0559		0.0199	0.0169	<	0.016	<	0.016	< 0.016	< 0.32		0.108	<	0.32		0.493	<	0.016	<	0.016	<	0.016		2.8		12.9		8.64	<	0.016		0.587	<	0.016		0.0269		0.0169		0.253		0.0705
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.014			0.071		0.0412		0.0148	< 0.014	<	0.014	<	0.014	< 0.014	< 0.28		0.0906	<	0.28		0.341	<	0.014	<	0.014	<	0.014		2.1		10.9		7.49	<	0.014		0.514	<	0.014		0.0166	<	0.014		0.208		0.0543
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	µg/l	<0.1	10		1.33		1.36		0.457	0.387	<	0.1	<	0.1	0.1	409		18.4		524		6.32	<	0.1		0.102	<	0.1		510		1130		626		36.5		88.1		48.8		0.708		3.49		6.53		2.55	
PAH WHO 4 (sum from above)	µg/l	<0.4	1		0.4466		0.3112		0.3112	0.0814		0.08		0.08	0.08	1.6		0.6656		0.6656		1.883		0.08		0.08		0.08		18.9		122.4		122.4		0.08		2.495		2.495		0.1217		0.0845		1.136		1.136
SVOCS																																																
1,2,4-Trichlorobenzene (aq)	µg/l	<1	1	<	1	<	1	<	1	< 1	<	1	<	1	< 1	< 5	<	1	<	1	<	1	<	1	<	1	<	1	<	25	<	5	<	1	<	1	<	1	<	1	<	1	<	10	<	25	<	10
1,2-Dichlorobenzene (aq)	µg/l	<1	20	<	1	<	1	<	1	< 1	<	1	<	1	< 1	< 5	<	1		1.14	<	1	<	1	<	1	<	1	<	25	<	5	<	1		13.7		87.4		34.1	<	1	<	10	<	25	<	10
1,3-Dichlorobenzene (aq)	µg/l	<1	100	<	1	<	1	<	1	< 1	<	1	<	1	< 1	< 5	<	1	<	1	<	1	<	1	<	1	<	1	<	25	<	5	<	1	<	1	<	1	<	1	<	1	<	10	<	25	<	10

			Customer Sample ID	BH415	BH415S	BH415S	BH416	BHS304	BHS304	BHS304	BHS307	BHS307	BHS307	BHS313	BHS314	BHS314	BHS314	BHS319	BHS319	BHS319	BHS324	BHS324	BHS324	WS405	WS408	WS408	WS408
			Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
			Response Zone Strata	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG
			Sampled Date	29/09/10	28/10/2010	11/11/2010	29/09/10	28/09/10	27/10/10	10/11/2010	28/09/10	29/10/10	12/11/2010	29/09/10	29/09/10	28/10/10	10/11/2010	28/09/10	28/10/10	10/11/2010	27/09/10	28/10/10	10/11/2010	29/09/10	27/09/10	28/10/10	10/11/2010
Determinand	**Units**		**TSV**																								
1,4-Dichlorobenzene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
2,4,5-Trichlorophenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
2,4,6-Trichlorophenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
2,4-Dichlorophenol (aq)	µg/l	<1	20	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	2.17	3.02	< 1	< 1	< 1	< 1	< 25	85.5	1.91	< 1	< 1	< 1	< 1	1360	1100	1050
2,4-Dimethylphenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	4.65	6.05	< 1	< 1	< 1	< 1	2260	447	103	< 1	< 1	< 1	< 1	36	85.8	86.3
2,4-Dinitrotoluene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
2,6-Dinitrotoluene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
2-Chloronaphthalene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
2-Chlorophenol (aq)	µg/l	<1	50	< 1	< 1	< 1	< 1	< 1	< 1	< 1	11.9	< 1	4.8	< 1	< 1	< 1	< 1	< 25	< 5	< 1	25.3	84.4	58.7	< 1	< 10	< 25	< 10
2-Methylnaphthalene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	14.6	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
2-Methylphenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	9.26	10.6	14.2	< 1	< 1	< 1	< 1	138	< 5	7.83	< 1	< 1	< 1	< 1	< 10	< 25	< 10
2-Nitroaniline (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
2-Nitrophenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
3-Nitroaniline (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
4-Bromophenylphenylether (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
4-Chloro-3-methylphenol (aq)	µg/l	<1	40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
4-Chloroaniline (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	2.87	16.9	< 1	< 1	< 1	< 1	< 25	< 5	< 1	1.97	5.17	2.24	< 1	< 10	< 25	< 10
4-Chlorophenylphenylether (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
4-Methylphenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	15.2	21.5	< 1	< 1	< 1	< 1	129	< 5	< 1	< 1	< 1	< 1	< 1	98.7	< 25	< 10
4-Nitrophenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
4-Nitroaniline (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
Azobenzene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
bis(2-Chloroethyl)ether (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	16.1	< 25	< 10
bis(2-Chloroethoxy)methane (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
bis(2-Ethylhexyl) phthalate (aq)	µg/l	<2	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	< 50	< 10	< 2	< 2	< 2	< 2	< 2	< 20	< 50	< 20
Butylbenzyl phthalate (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
Carbazole (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	26.3	8.74	1.31	< 1	1.11	< 1	< 1	< 10	< 25	< 10
Dibenzofuran (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	27.3	< 5	10.4	< 1	1.22	< 1	< 1	< 10	< 25	< 10
n-Dibutyl phthalate (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 2	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
Diethyl phthalate (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
Dimethyl phthalate (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
n-Dioctyl phthalate (aq)	µg/l	<5	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5	< 5	< 5	< 5	< 5	< 125	< 25	< 5	< 5	< 5	< 5	< 5	< 50	< 125	< 50
Hexachlorobenzene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
Hexachlorobutadiene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
Pentachlorophenol (aq)	µg/l	<1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
n-Nitroso-n-dipropylamine (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
Hexachloroethane (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
Nitrobenzene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
Isophorone (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
Hexachlorocyclopentadiene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 25	< 5	< 1	< 1	< 1	< 1	< 1	< 10	< 25	< 10
VOCs			100																								
Dichlorodifluoromethane	µg/l	<7	100	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Chloromethane	µg/l	<9	100	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9
Vinyl chloride	µg/l	<1.2	5	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Bromomethane	µg/l	<2	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	µg/l	<2.5	100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Trichlorofluoromethane	µg/l	<1.3	100	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	1.64	1.41
1,1-Dichloroethene	µg/l	<1.2	100	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Carbon disulphide	µg/l	<1.3	100	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	82.5	28.6	64.9	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloromethane	µg/l	<3.7	2000	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7
Methyl tertiary butyl ether (MTBE)	µg/l	<1.6	300	21.5	17.3	11.8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
trans-1,2-Dichloroethene	µg/l	<1.9	100	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
1,1-Dichloroethane	µg/l	<1.2	100	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
cis-1,2-Dichloroethene	µg/l	<2.3	100	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2,2-Dichloropropane	µg/l	<3.8	100	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
Bromochloromethane	µg/l	<1.9	100	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Chloroform	µg/l	<1.8	12	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
1,1,1-Trichloroethane	µg/l	<1.3	100	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,1-Dichloropropene	µg/l	<1.3	100	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Carbontetrachloride	µg/l	<1.4	12	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
1,2-Dichloroethane	µg/l	<3.3	10	5.18	4.15	5.78	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3
Benzene	µg/l	<1.3	30	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	6.41	3.21	5.71	< 1.3	< 1.3	< 1.3	< 1.3	484	41.1	102	87.1	110	120	< 1.3	3.07	3.71	4.52
Trichloroethene	µg/l	<2.5	10	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,2-Dichloropropane	µg/l	<3	100	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Dibromomethane	µg/l	<2.7	100	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7
Bromodichloromethane	µg/l	<0.9	1000	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
cis-1,3-Dichloropropene	µg/l	<1.9	100	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Toluene	µg/l	<1.4	20	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	54.6	23.2	50.5	< 1.4	< 1.4	< 1.4	< 1.4	63.2	5.62	17.6	< 1.4	< 1.4	< 1.4	< 1.4	35.5	22.9	28.9
trans-1,3-Dichloropropene	µg/l	<3.5	100	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5
1,1,2-Trichloroethane	µg/l	<2.2	400	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,3-Dichloropropane	µg/l	<2.2	100	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Tetrachloroethene	µg/l	<1.5	100	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Dibromochloromethane	µg/l	<1.7	1000	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
1,2-Dibromoethane	µg/l	<2.3	100	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
Chlorobenzene	µg/l	<3.5	100	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	16700	1690	47100	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	4900	5520	6610	< 3.5	< 3.5	< 3.5	< 3.5
1,1,1,2-Tetrachloroethane	µg/l	<1.3	100	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Ethylbenzene	µg/l	<2.5	50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	80.2	5.68	20.6	< 2.5	3.15	3.6	< 2.5	2.65	< 2.5	< 2.5
m,p-Xylene	µg/l	<2.5	30	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	116	5.41	25.6	< 2.5	< 2.5	< 2.5	< 2.5	3.4	< 2.5	< 2.5
o-Xylene	µg/l	<1.7	30	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	68.1	2.74	14.9	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Styrene	µg/l	<1.2	50	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	7.12
Bromoform	µg/l	<3	1000	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Isopropylbenzene	µg/l	<1.4	100	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	3.89	< 1.4	< 1.4	< 1.4	1.52	1.94	< 1.4	< 1.4	< 1.4	< 1.4
1,1,2,2-Tetrachloroethane	µg/l	<5.2	100	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2
1,2,3-Trichloropropane	µg/l	<7.8	100	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8
Bromobenzene	µg/l	<2	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Propylbenzene	µg/l	<2.6	100	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
2-Chlorotoluene	µg/l	<1.9	100	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9

			Customer Sample ID	BH415		BH415S		BH415S		BH416		BHS304		BHS304		BHS304		BHS307		BHS307		BHS307		BHS313		BHS314		BHS314		BHS314		BHS319		BHS319		BHS319		BHS324		BHS324		BHS324		WS405		WS408		WS408		WS408
			Sample Type	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW
			Response Zone Strata	MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG		MG
			Sampled Date	29/09/10		28/10/2010		11/11/2010		29/09/10		28/09/10		27/10/10		10/11/2010		28/09/10		29/10/10		12/11/2010		29/09/10		29/09/10		28/10/10		10/11/2010		28/09/10		28/10/10		10/11/2010		27/09/10		28/10/10		10/11/2010		29/09/10		27/09/10		28/10/10		10/11/2010
Determinand	**Units**		**TSV**																																														
1,3,5-Trimethylbenzene	µg/l	<1.8	100	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8		6.6	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8
4-Chlorotoluene	µg/l	<1.9	100	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9
tert-Butylbenzene	µg/l	<2	100	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2
1,2,4-Trimethylbenzene	µg/l	<1.7	100	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7
sec-Butylbenzene	µg/l	<1.7	100	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7
4-iso-Propyltoluene	µg/l	<2.6	100	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6
1,3-Dichlorobenzene	µg/l	<2.2	20	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2
1,4-Dichlorobenzene	µg/l	<2.7	20	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7
n-Butylbenzene	µg/l	<2	100	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2	<	2
1,2-Dichlorobenzene	µg/l	<3.7	20	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7		84.8		109		108	<	3.7	<	3.7	<	3.7	<	3.7
1,2-Dibromo-3-chloropropane	µg/l	<9.8	100	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8
1,2,4-Trichlorobenzene	µg/l	<2.3	0.4	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3
Hexachlorobutadiene	µg/l	<2.5	100	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5
tert-Amyl methyl ether (TAME)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1	<	1
1,2,3-Trichlorobenzene	µg/l	<3.1	0.4	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1
1,3,5-Trichlorobenzene	µg/l	<10	0.4	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10	<	10

EQS values used based upon 50-100mg CaCO3 and cyprinid water course except where noted otherwise

Denotes DWS x10 value used as TSV

Denotes indicative TSV based upon professional judgement

			Customer Sample ID	BH401	BH401	BH401	BH103	BH103	BH103	BHI209	BHI209	BHI209	BHS329	BHS329	BHS329	BH404	BH405	BH406	BH406	BH406	WS12	WS12	WS12	BHI202	BHI207	BH408	BH407
			Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
			Response Zone Strata	MG	MG	MG	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	CM
			Sampled Date	13/10/10	17/11/2010	17/11/2010	28/09/10	27/10/10	10/11/2010	28/09/10	27/10/2010	10/11/2010	27/09/10	28/10/10	10/11/2010	29/09/10	27/09/10	28/09/10	28/10/10	10/11/2010	29/09/10	13/10/10	11/11/2010	30/10/10	27/09/10	29/09/10	29/09/10
Determinand	**Units**	**TSV**																								
Alkalinity, Total as CaCO3	mg/l	<2		238	388	388	110	94.5	125	290	250	220	395	265	340	340	340	280	424	450	70	4.5	< 2	370	185	50	410
Ammoniacal Nitrogen as N	mg/l	<0.2	0.3	0.618	0.381	0.381	0.745	0.475	0.506	2.19	2.01	1.29	1.13	5.54	2.18	2.06	0.324	0.222	< 0.2	0.2	< 0.2	3	2.4	0.377	< 0.2	8.82	0.255
Sulphide	mg/l	<0.01		< 0.01	< 0.01	< 0.01	0.358	0.925	1.37	0.041	0.169	0.12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.285	0.023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Sulphate	mg/l	<3	400	1350	1620	1620	1540	1410	1510	17.2	4	8.4	179	100	200	1380	177	154	211	240	469	1410	1340	985	113	1700	276
Cyanide, Total	mg/l	<0.05	1	0.807	0.275	0.275	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.199	0.288	< 0.05	< 0.05	< 0.05	< 0.05
pH	pH Units	<1	6 to 9	8.16	7.53	7.53	8.26	8.2	8.32	8.29	7.83	8.48	8.34	8.43	8.35	8.02	8.28	8.28	8.1	8.27	8.25	5.08	4.07	8.14	8.07	6.79	7.97
Antimony (diss.filt)	µg/l	<0.16	50	0.239	0.341	0.341	0.193	0.388	< 0.16	2.81	0.527	0.279	20.2	40	< 0.16	1.47	0.745	0.592	< 0.16	< 0.16	5.18	0.788	0.662	0.199	0.603	15.6	0.189
Arsenic (diss.filt)	µg/l	<0.12	50	1.95	< 0.12	< 0.12	15.8	2.76	5.88	4.23	0.951	2.04	7.16	3.2	29.2	6.68	7.33	1.77	2.26	2.79	49.2	119	4330	2.24	1.9	5.49	5.27
Boron (diss.filt)	µg/l	<9.4	2000	263	257	257	60	64.4	59.2	111	129	101	178	228	145	279	123	282	1040	918	2050	179	152	180	91.2	1590	119
Cadmium (diss.filt)	µg/l	<0.1	5	0.236	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.247	0.164	0.143	0.157	< 0.1	< 0.1	0.145	< 0.1	< 0.1	< 0.1	< 0.1	0.24	1.1	< 0.1
Chromium (diss.filt)	µg/l	<0.22	175	5.07	15.5	15.5	1.66	1.92	2.9	7.57	6.06	5.72	6.92	9.8	18.5	5.18	7.26	7.07	9.15	11.3	0.828	4.41	6.44	7.52	1.25	6.94	11.2
Copper (diss.filt)	µg/l	<0.85	22	2	4.45	4.45	5.33	< 0.85	9.95	1.23	0.881	3.39	2.11	2.43	3.67	5.76	5.98	5.76	< 0.85	3.57	4.17	2.14	85	5.22	1.48	13.5	1.35
Lead (diss.filt)	µg/l	<0.02	125	0.023	0.149	0.149	< 0.02	0.02	1.81	0.043	0.109	6.04	3.34	0.612	30.8	0.04	0.122	0.237	0.31	13.3	0.059	0.024	9.08	0.092	< 0.02	0.458	0.04
Nickel (diss.filt)	µg/l	<0.15	100	24.8	26.3	26.3	6.21	7.61	8.3	2.23	2.52	2.66	4.87	2.77	17.5	12.8	7.53	10.6	5.7	15.9	3.41	11.6	7.69	4.43	1.54	66.8	4.12
Selenium (diss.filt)	µg/l	<0.39	100	1.28	< 0.39	< 0.39	11.9	0.86	9.04	< 0.39	0.481	3.48	18.4	9.72	< 0.39	14.6	20.7	2.63	2.47	23.1	14.8	< 0.39	1.77	1.2	3.15	35.2	0.499
Vanadium (diss.filt)	µg/l	<0.24	20	1.69	5.28	5.28	0.642	0.41	1.41	2.96	2.11	2.81	2.42	2.2	14.6	1.68	2.57	3.24	2.62	6.29	13.5	1.82	2.76	2.63	0.855	2.12	3.57
Zinc (diss.filt)	µg/l	<0.41	175	50.2	11	11	2.79	2.28	29	23.5	3.39	21.4	14.5	22.7	137	71	26.2	16.3	5.37	198	1.69	14.8	21.1	11.2	2.03	410	16.3
Mercury (diss.filt)	µg/l	<0.01	1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.0403	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Hardness, Total as CaCO3	mg/l	<1																									
Phenols																											
Resorcinol (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10		< 10	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	6.39	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Catechol (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10		< 10	< 10	< 0.5	< 0.5	10.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Phenol (low level)	µg/l	<0.5	30	< 0.5	1	1	8.23	< 0.5	2		380	2	10	0.73	< 0.5	< 0.5	< 0.5	2.06	< 0.5	< 0.5	1.84	1.68	< 0.5	0.79	< 0.5	0.96	< 0.5
Cresols (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10		< 6	< 6	1.09	1.39	< 0.5	< 0.5	< 0.5	0.88	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylenols (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 8		< 8	< 8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1-Napthol (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10		< 10	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,3,5-Trimethylphenol (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3		< 3	< 3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Isopropylphenol (low level)	µg/l	<0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 6		< 6	< 6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Phenols, Total monohydric (low level)	µg/l	<0.5	30	< 0.5	1	1	8.23	< 0.5	15		380	< 15	11.1	2.12	< 0.5	< 0.5	< 0.5	2.94	< 0.5	< 0.5	1.84	2.25	< 0.5	0.79	< 0.5	0.96	< 0.5
Phenols, Total 5 speciated (low level)	µg/l	<0.5	30	< 0.5	1	1	8.23	< 0.5	25		380	< 25	11.1	2.12	< 0.5	< 0.5	< 0.5	2.94	< 0.5	< 0.5	1.84	2.25	< 0.5	0.79	< 0.5	0.96	< 0.5
Phenols, Total monohydric	µg/l	<0.015	30							< 15																	
Max Phenol	µg/l		30	0.5	1	1	8.23	0.5	25	15	380	25	11.1	2.12	0.5	0.5	0.5	2.94	0.5	0.5	1.84	2.25	0.5	0.79	0.5	0.96	0.5
Petroleum Hydrocarbons																											
Benzene	µg/l	<7	30	< 7	< 7	< 7	< 7	< 7	< 7	26	8	7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Toluene	µg/l	<4	50	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Ethylbenzene	µg/l	<5	20	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m,p-Xylene	µg/l	<8	30	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
o-Xylene	µg/l	<3	30	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Methyl tertiary butyl ether (MTBE)	µg/l	<3	300	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
GRO >C5-C12	µg/l	<50	100	< 50	< 50	< 50	< 50	< 50	< 50	686	210	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
GRO >C10-C12	µg/l	<10	100	< 10	< 10	< 10	< 10	< 10	< 10	29	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	11	< 10	< 10	< 10	< 10	< 10
GRO >C5-C10	µg/l	<10	100	< 10	< 10	< 10	< 10		< 10	636		34	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
m,p,o-Xylene	µg/l	<10	30	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
BTEX, Total	µg/l	<10		< 10	< 10	< 10	< 10	< 10	< 10	26	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
EPH Range >C10 - C40 (aq)	µg/l	<46		867	648	648	104	98	< 46	391	163	< 46	153	74.9	< 46	< 46	< 46	209	< 46	56.3	< 46	606	339	< 46	89.8	< 46	< 46
EPH Band >C10-C20 (aq)	µg/l	<10	100	44.9	30.2	30.2	84.2	79.4	< 10	156	105	< 10	46.6	32.5	< 10	< 10	< 10	55.3	< 10	19.2	< 10	287	258	< 10	< 10	< 10	< 10
EPH Band >C20-C30 (aq)	µg/l	<10	100	550	411	411	19.7	18.6	< 10	108	38.8	< 10	65.8	34.7	< 10	< 10	< 10	106	< 10	27.6	< 10	178	68.9	< 10	53.4	< 10	< 10
EPH Band >C30-C40 (aq)	µg/l	<10	100	273	206	206	< 10	< 10	< 10	128	19.5	< 10	40.7	< 10	< 10	< 10	< 10	47.7	< 10	< 10	< 10	140	12.6	< 10	36.3	< 10	< 10
Aliphatics >C5-C6	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aliphatics >C6-C8	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aliphatics >C8-C10	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		114	20		< 10	< 10				< 10	< 10		< 10	< 10				
Aliphatics >C10-C12	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aliphatics >C12-C16 (aq)	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aliphatics >C16-C21 (aq)	µg/l	<10	100	23	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aliphatics >C21-C35 (aq)	µg/l	<10	100	558	339	339		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aromatics >C5-C7	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aromatics >C7-C8	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aromatics >EC8-EC10	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		76	13		< 10	< 10				< 10	< 10		< 10	< 10				
Aromatics >EC10-EC12	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aromatics >EC12-EC16 (aq)	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aromatics >EC16-EC21 (aq)	µg/l	<10	100	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Aromatics >EC21-EC35 (aq)	µg/l	<10	100	12	57	57		< 10	< 10		< 10	< 10		< 10	< 10				< 10	< 10		< 10	< 10				
Total Aliphatics & Aromatics >C5-35 (aq)	µg/l	<10	100	593	396	396		< 10	< 10		209	48		< 10	< 10				< 10	< 10		12	< 10				
PAHs																											
Naphthalene (aq)	µg/l	<0.1	10	0.119	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.654	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.517	0.306	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene (aq)	µg/l	<0.015		0.133	0.0593	0.0593	0.0166	0.0216	< 0.015	< 0.015	0.0505	< 0.015	0.392	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	0.433	5.24	< 0.015	0.0771	< 0.015	< 0.015
Acenaphthylene (aq)	µg/l	<0.011		0.0382	0.0226	0.0226	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	0.0787	0.0161	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	0.0503	0.097	< 0.012	< 0.011	< 0.011	< 0.011
Fluoranthene (aq)	µg/l	<0.014	0.1	2.23	0.925	0.925	0.014	0.014	0.0166	< 0.014	< 0.014	0.0241	2.22	< 0.014	0.014	0.0958	< 0.014	0.102	0.0567	0.0144	< 0.014	0.654	1.25	< 0.014	0.4	< 0.014	0.0994
Anthracene (aq)	µg/l	<0.015	0.1	0.238	0.124	0.124	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	0.301	< 0.015	< 0.015	0.017	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	0.123	0.34	< 0.015	0.0443	< 0.015	< 0.015
Phenanthrene (aq)	µg/l	<0.022		1.09	0.543	0.543	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	0.0238	1.42	< 0.022	< 0.022	0.0695	< 0.022	0.0578	0.0699	0.0346	< 0.022	0.229	0.467	< 0.022	0.208	< 0.022	0.0763
Fluorene (aq)	µg/l	<0.014		0.107	0.0427	0.0427	0.0156	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	0.225	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	0.124	2.49	< 0.014	0.0268	< 0.014	< 0.014
Chrysene (aq)	µg/l	<0.013		1.53	0.682	0.682	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	1.2	< 0.013	< 0.013	0.0527	< 0.013	0.0521	0.0151	< 0.013	< 0.013	0.272	0.0887	< 0.013	0.123	< 0.013	0.0707
Pyrene (aq)	µg/l	<0.015		2.31	1.01	1.01	0.0181	< 0.015	0.0229	< 0.015	< 0.015	0.0263	2.6	< 0.015	< 0.015	0.0993	0.0155	0.112	0.0493	< 0.015	< 0.015	1.12	0.934	0.018	0.418	< 0.015	0.122
Benzo(a)anthracene (aq)	µg/l	<0.017		1.33	0.476	0.476	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	0.0262	1.36	< 0.017	< 0.017	0.0446	< 0.017	0.0438	< 0.017	< 0.017	< 0.017	0.217	0.0779	< 0.017	0.174	< 0.017	0.0453
Benzo(b)fluoranthene (aq)	µg/l	<0.023		1.42	0.519	0.519	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	1.04	< 0.023	< 0.023	0.0326	< 0.023	0.0604	< 0.023	< 0.023	< 0.023	0.226	0.0542	< 0.023	0.155	< 0.023	0.0358
Benzo(k)fluoranthene (aq)	µg/l	<0.027		1.39	0.596	0.596	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	1.11	< 0.027	< 0.027	0.0397	< 0.027	0.046	< 0.027	< 0.027	< 0.027	0.203	0.0427	< 0.027	0.147	< 0.027	0.0311
Benzo(a)pyrene (aq)	µg/l	<0.009	0.5	1.46	0.69	0.69	0.0102	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	1.3	< 0.009	< 0.009	0.0454	< 0.009	0.0567	< 0.009	< 0.009	< 0.009	0.229	0.0444	< 0.009	0.213	< 0.009	0.0462
Dibenzo(a,h)anthracene (aq)	µg/l	<0.016		0.236	0.12	0.12	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	0.207	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	0.0421	< 0.016	< 0.016	0.035	< 0.016	< 0.016
Benzo(g,h,i)perylene (aq)	µg/l	<0.016		0.995	0.461	0.461	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	1.09	< 0.016	< 0.016	0.0285	< 0.016	0.0378	< 0.016	< 0.016	< 0.016	0.189	0.0286	< 0.016	0.161	< 0.016	0.0316
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.014		0.785	0.381	0.381	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	0.69	< 0.014	< 0.014	0.0214	< 0.014	0.0232	< 0.014	< 0.014	< 0.014	0.142	0.0196	< 0.014	0.118	< 0.014	0.0227
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	µg/l	<0.1	10	15.4	6.65	6.65	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.114	15.9	< 0.1	< 0.1	0.518	< 0.1	0.555	0.238	< 0.1	< 0.1	4.77	11.5	< 0.1	2.3	< 0.1	0.557
PAH WHO 4 (sum from above)	µg/l	<0.4	1	4.59	4.59	32.53	0.08	0.08	0.08	0.08	0.08	0.08	3.93	0.08	0.08	0.1222	0.08	0.1674	0.08	0.08	0.08	0.76	0.76	0.08	0.581	0.08	0.1212
SVOCS																											
1,2,4-Trichlorobenzene (aq)	µg/l	<1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene (aq)	µg/l	<1	20	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

			Customer Sample ID	BH401	BH401	BH401	BH103	BH103	BH103	BHI209	BHI209	BHI209	BHS329	BHS329	BHS329	BH404	BH405	BH406	BH406	BH406	WS12	WS12	WS12	BHi202	BHi207	BH408	BH407
			Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
			Response Zone Strata	MG	MG	MG	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	CM
			Sampled Date	13/10/10	17/11/2010	17/11/2010	28/09/10	27/10/10	10/11/2010	28/09/10	27/10/2010	10/11/2010	27/09/10	28/10/10	10/11/2010	29/09/10	27/09/10	28/09/10	28/10/10	10/11/2010	29/09/10	13/10/10	11/11/2010	30/10/10	27/09/10	29/09/10	29/09/10
Determinand	**Units**		**TSV**																								
1,4-Dichlorobenzene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2,4,5-Trichlorophenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2,4,6-Trichlorophenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dichlorophenol (aq)	µg/l	<1	20	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dimethylphenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2,4-Dinitrotoluene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2,6-Dinitrotoluene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloronaphthalene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Chlorophenol (aq)	µg/l	<1	50	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylnaphthalene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Methylphenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitroaniline (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2-Nitrophenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
3-Nitroaniline (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
4-Bromophenylphenylether (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloro-3-methylphenol (aq)	µg/l	<1	40	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
4-Chloroaniline (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
4-Chlorophenylphenylether (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
4-Methylphenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitrophenol (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
4-Nitroaniline (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Azobenzene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Chloroethyl)ether (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Chloroethoxy)methane (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
bis(2-Ethylhexyl) phthalate (aq)	µg/l	<2	100	< 2	< 5	< 5	< 2	< 2	< 2	< 40	< 20	< 10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 6	< 2
Butylbenzyl phthalate (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbazole (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2.09	< 1	< 1	< 1	< 1
Dibenzofuran (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2.66	< 1	< 1	< 1	< 1
n-Dibutyl phthalate (aq)	µg/l	<1	100	< 2	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	1.04	< 1
Diethyl phthalate (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dimethyl phthalate (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
n-Dioctyl phthalate (aq)	µg/l	<5	100	< 5	< 5	< 5	< 5	< 5	< 5	< 100	< 50	< 25	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Hexachlorobenzene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Pentachlorophenol (aq)	µg/l	<1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
n-Nitroso-n-dipropylamine (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hexachloroethane (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Nitrobenzene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Isophorone (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorocyclopentadiene (aq)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 20	< 10	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs			100																								
Dichlorodifluoromethane	µg/l	<7	100	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7	< 7
Chloromethane	µg/l	<9	100	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9	< 9
Vinyl chloride	µg/l	<1.2	5	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Bromomethane	µg/l	<2	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	µg/l	<2.5	100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Trichlorofluoromethane	µg/l	<1.3	100	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,1-Dichloroethene	µg/l	<1.2	100	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Carbon disulphide	µg/l	<1.3	100	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Dichloromethane	µg/l	<3.7	2000	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7
Methyl tertiary butyl ether (MTBE)	µg/l	<1.6	300	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
trans-1,2-Dichloroethene	µg/l	<1.9	100	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
1,1-Dichloroethane	µg/l	<1.2	100	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
cis-1,2-Dichloroethene	µg/l	<2.3	100	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
2,2-Dichloropropane	µg/l	<3.8	100	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
Bromochloromethane	µg/l	<1.9	100	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Chloroform	µg/l	<1.8	12	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
1,1,1-Trichloroethane	µg/l	<1.3	100	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
1,1-Dichloropropene	µg/l	<1.3	100	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Carbontetrachloride	µg/l	<1.4	12	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
1,2-Dichloroethane	µg/l	<3.3	10	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3
Benzene	µg/l	<1.3	30	< 1.3	< 1.3	< 1.3	1.67	< 1.3	< 1.3	24.7	57.6	8.15	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	2.12	< 1.3	< 1.3	< 1.3	< 1.3
Trichloroethene	µg/l	<2.5	10	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	3.83	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,2-Dichloropropane	µg/l	<3	100	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Dibromomethane	µg/l	<2.7	100	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7
Bromodichloromethane	µg/l	<0.9	1000	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
cis-1,3-Dichloropropene	µg/l	<1.9	100	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
Toluene	µg/l	<1.4	20	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	1.58	< 1.4	< 1.4	< 1.4	< 1.4
trans-1,3-Dichloropropene	µg/l	<3.5	100	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5
1,1,2-Trichloroethane	µg/l	<2.2	400	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,3-Dichloropropane	µg/l	<2.2	100	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Tetrachloroethene	µg/l	<1.5	100	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Dibromochloromethane	µg/l	<1.7	1000	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
1,2-Dibromoethane	µg/l	<2.3	100	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
Chlorobenzene	µg/l	<3.5	100	< 3.5	< 3.5	< 3.5	58.2	9.97	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5
1,1,1,2-Tetrachloroethane	µg/l	<1.3	100	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Ethylbenzene	µg/l	<2.5	50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
m,p-Xylene	µg/l	<2.5	30	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
o-Xylene	µg/l	<1.7	30	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Styrene	µg/l	<1.2	50	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Bromoform	µg/l	<3	1000	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Isopropylbenzene	µg/l	<1.4	100	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
1,1,2,2-Tetrachloroethane	µg/l	<5.2	100	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2	< 5.2
1,2,3-Trichloropropane	µg/l	<7.8	100	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8	< 7.8
Bromobenzene	µg/l	<2	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Propylbenzene	µg/l	<2.6	100	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
2-Chlorotoluene	µg/l	<1.9	100	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9

			Customer Sample ID	BH401	BH401	BH401	BH103	BH103	BH103	BHI209	BHI209	BHI209	BHS329	BHS329	BHS329	BH404	BH405	BH406	BH406	BH406	WS12	WS12	WS12	BHi202	BHi207	BH408	BH407
			Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
			Response Zone Strata	MG	MG	MG	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	Till	CM
			Sampled Date	13/10/10	17/11/2010	17/11/2010	28/09/10	27/10/10	10/11/2010	28/09/10	27/10/2010	10/11/2010	27/09/10	28/10/10	10/11/2010	29/09/10	27/09/10	28/09/10	28/10/10	10/11/2010	29/09/10	13/10/10	11/11/2010	30/10/10	27/09/10	29/09/10	29/09/10
Determinand	**Units**		**TSV**																							
1,3,5-Trimethylbenzene	µg/l	<1.8	100	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
4-Chlorotoluene	µg/l	<1.9	100	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
tert-Butylbenzene	µg/l	<2	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2,4-Trimethylbenzene	µg/l	<1.7	100	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
sec-Butylbenzene	µg/l	<1.7	100	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-iso-Propyltoluene	µg/l	<2.6	100	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
1,3-Dichlorobenzene	µg/l	<2.2	20	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
1,4-Dichlorobenzene	µg/l	<2.7	20	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7
n-Butylbenzene	µg/l	<2	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichlorobenzene	µg/l	<3.7	20	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	5.5	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7
1,2-Dibromo-3-chloropropane	µg/l	<9.8	100	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8	< 9.8
1,2,4-Trichlorobenzene	µg/l	<2.3	0.4	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
Hexachlorobutadiene	µg/l	<2.5	100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
tert-Amyl methyl ether (TAME)	µg/l	<1	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichlorobenzene	µg/l	<3.1	0.4	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
1,3,5-Trichlorobenzene	µg/l	<10	0.4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

EQS values used based upon 50-100mg CaCO3 and cyprinid water course except where noted otherwise

Denotes DWS x10 value used as TSV

Denotes indicative TSV based upon professional judgement

			Customer Sample ID		RBH422		BH403		BH403		BH403		BH402		BHD103	Groundwater Statistics							SW2		RSU		RSU		SW1		RSD		RSD
			Sample Type		GW		GW		GW		GW		GW		GW								Canal		Canal		Canal		Canal		Canal		Canal	
			Response Zone Strata		CM		CM		CM		CM		SST		SST								Upstream		Upstream		Upstream		Downstream		Downstream		Downstream	
			Sampled Date		28/09/10		29/09/10		13/10/10		11/11/2010		29/09/10		28/09/10								27/09/2010		27/09/2010		12/11/2010		28/09/2010		27/10/2010		12/11/2010	
Determinand	**Units**		**TSV**													**Count**	**Min**	**Average**	**Max**	**No. > TSV**	**% > TSV**												
Alkalinity, Total as CaCO3	mg/l	<2			305		2120		340		358		840		305	78	2	280.22	2120	0	0.0		68		75		75		70		77.5		70	
Ammoniacal Nitrogen as N	mg/l	<0.2	0.3		0.735		0.74		0.696		0.606		0.398		0.2	78	0.2	2.38	9.64	62	79.5	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<	0.2	<
Sulphide	mg/l	<0.01		<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	78	0.01	2.67	191	0	0.0	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<
Sulphate	mg/l	<3	400		336		1500		1640		1330		495		314	78	4	930.35	3900	57	73.1		25.6		27.5		27.6		28.4		27.7		29	
Cyanide, Total	mg/l	<0.05	1	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	78	0.05	0.07	0.807	0	0.0	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05	<
pH	pH Units	<1	6 to 9		7.94		7.54		8.04		8.06		8.11		8	78	3.11	7.87	11.4	0	0.0		8.21		8.14		8.06		8.04		8.14		8.03	
Antimony (diss.filt)	µg/l	<0.16	50		0.517		11.8		24.2		15.1		0.823		0.24	78	0.16	14.56	190	7	9.0		0.996		0.901		0.746		0.234		0.849		0.8	
Arsenic (diss.filt)	µg/l	<0.12	50		10.1		63.2		47.3		1750		2.79		2.5	78	0.12	968.86	23200	27	34.6		1.29		1.04		1.33		0.875		1.04		2.77	
Boron (diss.filt)	µg/l	<9.4	2000		94.4		819		651		391		62.2		162	78	59.2	466.10	8650	3	3.8		43.6		38.7		33.8		29.4		37.9		32.9	
Cadmium (diss.filt)	µg/l	<0.1	5	<	0.1	<	0.1	<	0.285		1.59	<	0.1	<	0.1	78	0.1	0.38	3.27	0	0.0	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<
Chromium (diss.filt)	µg/l	<0.22	175		8.54		6.77		7.41		45.2		9.06		7.98	78	0.828	9.39	45.2	0	0.0		1.64		1.76		1.78		2.36		2.16		8.58	
Copper (diss.filt)	µg/l	<0.85	22		1.01		4.79		3.57		382	<	0.85	<	1.25	78	0.85	28.90	382	15	19.2		3.23		1.76		4.5		4.46		3.82		10.1	
Lead (diss.filt)	µg/l	<0.02	125		6.99		0.143		1.22		1180		0.238		0.02	78	0.02	51.06	1310	5	6.4		0.594		0.835		3.54		0.681		0.792		3.54	
Nickel (diss.filt)	µg/l	<0.15	100		5.6		21.4		20.4		42.8		5.05		3.03	78	1.54	14.50	66.8	0	0.0		2.41		2.22		2.87		2.44		3.03		2.99	
Selenium (diss.filt)	µg/l	<0.39	100		1.17		14.8		2.19		2.01		7.74		0.631	78	0.39	15.65	187	3	3.8	<	0.39	<	0.39	<	0.39	<	0.39	<	0.446		19.3	
Vanadium (diss.filt)	µg/l	<0.24	20		2.22		2.19		2.84		34.6		2.77		2.4	78	0.24	14.20	182	11	14.1		0.805		0.81		0.995		1.15		0.815		1.06	
Zinc (diss.filt)	µg/l	<0.41	175		5.43		92.4		32.4		467		11.2		2.26	78	0.41	272.66	4460	15	19.2		5.84		4.64		15.9		14.2		7.34		18.5	
Mercury (diss.filt)	µg/l	<0.01	1	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	78	0.01	0.02	0.501	0	0.0	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<	0.01	<
Hardness, Total as CaCO3	mg/l	<1																					649		98.6		92.1		91.1		105		92.8	
Phenols																																		
Resorcinol (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	73	0.5	3.09	50	0	0.0	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<
Catechol (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	<	0.5		0.59		0.5	73	0.5	6.78	290	0	0.0		0.81	<	0.5	<	0.5		1.2		0.87	<	0.5	<
Phenol (low level)	µg/l	<0.5	30		3.32		1.2	<	0.5	<	0.88		0.7		0.97	73	0.5	62.63	2440	4	5.5		0.72	<	0.5	<	0.5	<	2.64	<	0.5	<	0.5	<
Cresols (low level)	µg/l	<0.5			2.07	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	73	0.5	5.60	240	0	0.0	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<
Xylenols (low level)	µg/l	<0.5			23.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	73	0.5	42.66	1400	0	0.0	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<
1-Napthol (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	73	0.5	3.23	60	0	0.0	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<
2,3,5-Trimethylphenol (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	73	0.5	1.26	15	0	0.0	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<
2-Isopropylphenol (low level)	µg/l	<0.5		<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	73	0.5	4.30	180	0	0.0	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<	0.5	<
Phenols, Total monohydric (low level)	µg/l	<0.5	30		28.9		1.2	<	0.5		0.88		0.7		0.97	73	0.5	108.80	2440	9	12.3		0.72	<	0.5	<	0.5		2.64	<	0.5	<	0.5	<
Phenols, Total 5 speciated (low level)	µg/l	<0.5	30		28.9		1.2	<	0.5		0.88		0.7		0.97	73	0.5	100.58	2440	9	12.3		0.72	<	0.5	<	0.5		2.64	<	0.5	<	0.5	<
Phenols, Total monohydric	µg/l	<0.015	30													5	15	1,898.00	5100	3	60.0												
Max Phenol	µg/l		30		28.9		1.2		0.5		0.88		0.7		0.97	78	0.50	223.99	5100	12	15.4												
Petroleum Hydrocarbons																																		
Benzene	µg/l	<7	30	<	7	<	7	<	7	<	7	<	7	<	7	78	7	19.36	444	9	11.5	<	7	<	7	<	7	<	7	<	7	<	7	<
Toluene	µg/l	<4	50	<	4	<	4	<	4	<	4	<	4	<	4	78	4	7.21	63	2	2.6	<	4	<	4	<	4	<	4	<	4	<	4	<
Ethylbenzene	µg/l	<5	20	<	5	<	5	<	5	<	5	<	5	<	5	78	5	6.32	83	1	1.3	<	5	<	5	<	5	<	5	<	5	<	5	<
m,p-Xylene	µg/l	<8	30	<	8	<	8	<	8	<	8	<	8	<	8	78	8	9.64	120	1	1.3	<	8	<	8	<	8	<	8	<	8	<	8	<
o-Xylene	µg/l	<3	30	<	3	<	3	<	3	<	3	<	3	<	3	78	3	4.13	72	1	1.3	<	3	<	3	<	3	<	3	<	3	<	3	<
Methyl tertiary butyl ether (MTBE)	µg/l	<3	300	<	3	<	3	<	3	<	3	<	3	<	3	78	3	3.54	24	0	0.0	<	3	<	3	<	3	<	3	<	3	<	3	<
GRO >C5-C12	µg/l	<50	100	<	50	<	50	<	50	<	50	<	50	<	50	78	50	789.44	36300	19	24.4	<	50	<	50	<	50	<	50	<	50	<	50	<
GRO >C10-C12	µg/l	<10	100	<	10	<	10	<	10	<	10	<	10	<	10	77	10	82.44	2740	11	14.3	<	10	<	10	<	10	<	10	<	10	<	10	<
GRO >C5-C10	µg/l	<10	100	<	10	<	10	<	10	<	10	<	10	<	10	63	10	831.16	35800	6	9.5	<	10			<	10	<	10	<	10	<	10	<
m,p,o-Xylene	µg/l	<10	30	<	10	<	10	<	10	<	10	<	10	<	10	78	10	12.74	192	2	2.6	<	10	<	10	<	10	<	10	<	10	<	10	<
BTEX, Total	µg/l	<10		<	10	<	10	<	10	<	10	<	10	<	10	78	10	29.63	782	0	0.0	<	10	<	10	<	10	<	10	<	10	<	10	<
EPH Range >C10 - C40 (aq)	µg/l	<46			149		18400		697		114	<	46	<	46	78	46	1,072.50	18400	0	0.0		1190		54.6	<	46		88.4		115	<	46	
EPH Band >C10-C20 (aq)	µg/l	<10	100	<	10		1060		71.7		32	<	10	<	10	78	10	568.31	10300	30	38.5		137	<	10	<	10		13.6		49.4	<	10	
EPH Band >C20-C30 (aq)	µg/l	<10	100		91.9		12500		433		55.7	<	10	<	10	78	10	368.15	12500	29	37.2		419	<	10	<	10		45.8		39.1	<	10	
EPH Band >C30-C40 (aq)	µg/l	<10	100		50.3		4810		191		26.2	<	10	<	10	78	10	131.03	4810	17	21.8		634	<	10	<	10		28.9		26.6	<	10	
Aliphatics >C5-C6	µg/l	<10	100					<	10	<	10					44	10	10.52	26	0	0.0			<	10	<	10			<	10	<	10	
Aliphatics >C6-C8	µg/l	<10	100					<	10	<	10					44	10	10.93	21	0	0.0			<	10	<	10			<	10	<	10	
Aliphatics >C8-C10	µg/l	<10	100					<	10	<	10					44	10	502.75	21400	2	4.5			<	10	<	10			<	10	<	10	
Aliphatics >C10-C12	µg/l	<10	100					<	10	<	10					44	10	39.43	321	5	11.4			<	10	<	10			<	10	<	10	
Aliphatics >C12-C16 (aq)	µg/l	<10	100					<	10	<	10					44	10	35.27	665	2	4.5			<	10	<	10			<	10	<	10	
Aliphatics >C16-C21 (aq)	µg/l	<10	100					<	10	<	10					44	10	36.27	734	2	4.5			<	10	<	10			<	10	<	10	
Aliphatics >C21-C35 (aq)	µg/l	<10	100						330	<	10					44	10	76.00	558	9	20.5			<	10	<	10			<	10	<	10	
Aromatics >C5-C7	µg/l	<10	100					<	10	<	10					44	10	17.82	82	0	0.0			<	10	<	10			<	10	<	10	
Aromatics >C7-C8	µg/l	<10	100					<	10	<	10					44	10	12.11	53	0	0.0			<	10	<	10			<	10	<	10	
Aromatics >EC8-EC10	µg/l	<10	100					<	10	<	10					44	10	341.75	14300	1	2.3			<	10	<	10			<	10	<	10	
Aromatics >EC10-EC12	µg/l	<10	100					<	10	<	10					44	10	28.73	214	3	6.8			<	10	<	10			<	10	<	10	
Aromatics >EC12-EC16 (aq)	µg/l	<10	100					<	10	<	10					44	10	61.82	805	5	11.4			<	10	<	10			<	10	<	10	
Aromatics >EC16-EC21 (aq)	µg/l	<10	100					<	10	<	10					44	10	49.77	627	5	11.4			<	10	<	10			<	10	<	10	
Aromatics >EC21-EC35 (aq)	µg/l	<10	100						10	<	10					44	10	92.61	1310	5	11.4			<	10	<	10			<	10	<	10	
Total Aliphatics & Aromatics >C5-35 (aq)	µg/l	<10	100						340	<	10					44	10	1,209.82	36300	19	43.2			<	10	<	10			<	10	<	10	
PAHs																																		
Naphthalene (aq)	µg/l	<0.1	10	<	0.1		2.04	<	0.1	<	0.1	<	0.1	<	0.1	78	0.1	15.27	516	6	7.7	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<
Acenaphthene (aq)	µg/l	<0.015		<	0.015		4.36		0.15	<	0.015	<	0.015	<	0.015	78	0.015	6.97	137	0	0.0	<	0.015	<	0.015	<	0.015		0.0201	<	0.015	<	0.015	
Acenaphthylene (aq)	µg/l	<0.011		<	0.011		0.276		0.0275	<	0.011	<	0.011	<	0.011	78	0.011	0.22	4.75	0	0.0	<	0.011	<	0.011	<	0.011	<	0.011	<	0.011	<	0.011	<
Fluoranthene (aq)	µg/l	<0.014	0.1		0.13		86.4		4.33		0.357	<	0.014	<	0.014	78	0.014	8.27	227	48	61.5		0.0532		0.0391		0.0158		0.0827		0.0555		0.0207	
Anthracene (aq)	µg/l	<0.015	0.1	<	0.015		13.5		0.571		0.0479	<	0.015	<	0.015	78	0.015	1.32	28.2	31	39.7	<	0.015	<	0.015	<	0.015	<	0.015	<	0.015	<	0.015	<
Phenanthrene (aq)	µg/l	<0.022			0.0453		66.6		2.74		0.237	<	0.022	<	0.022	78	0.022	3.95	89.8	0	0.0		0.0254	<	0.022	<	0.022		0.0699	<	0.022	<	0.022	
Fluorene (aq)	µg/l	<0.014		<	0.014		4.94		0.184		0.0188	<	0.014	<	0.014	78	0.014	2.19	36.9	0	0.0	<	0.014	<	0.014	<	0.014		0.014	<	0.014	<	0.014	
Chrysene (aq)	µg/l	<0.013			0.0699		63		2.62		0.206	<	0.013	<	0.013	78	0.013	4.51	133	0	0.0		0.026		0.0283	<	0.013		0.0204		0.0141	<	0.013	
Pyrene (aq)	µg/l	<0.015			0.149		73.6		3.92		0.373	<	0.015	<	0.015	78	0.015	7.97	236	0	0.0		0.0631		0.0471		0.0189		0.0842		0.0597		0.0239	
Benzo(a)anthracene (aq)	µg/l	<0.017			0.0893		54.9		2.23		0.163	<	0.017	<	0.017	78	0.017	3.69	109	0	0.0		0.0385		0.018	<	0.017		0.0468		0.0329	<	0.017	
Benzo(b)fluoranthene (aq)	µg/l	<0.023			0.109		49.7		2.95		0.174	<	0.023	<	0.023	78	0.023	2.34	54.5	0	0.0		0.0272		0.0287	<	0.023		0.0296		0.0398	<	0.023	
Benzo(k)fluoranthene (aq)	µg/l	<0.027			0.126		44.7		2.18		0.115	<	0.027	<	0.027	78	0.027	1.89	44.7	0	0.0	<	0.027	<	0.027	<	0.027		0.0337		0.0356	<	0.027	
Benzo(a)pyrene (aq)	µg/l	<0.009	0.5		0.13		56.9		2.92		0.178	<	0.009	<	0.009	78	0.009	2.21	56.9	20	25.6		0.0267		0.0252		0.00989		0.0283		0.0396		0.0115	
Dibenzo(a,h)anthracene (aq)	µg/l	<0.016			0.0196		10.2		0.396	<	0.016	<	0.016	<	0.016	78	0.016	0.32	10.2	0	0.0	<	0.016	<	0.016	<	0.016	<	0.016	<	0.016	<	0.016	
Benzo(g,h,i)perylene (aq)	µg/l	<0.016			0.0712		30.3		1.75		0.0889	<	0.016	<	0.016	78	0.016	1.00	30.3	0	0.0		0.0211		0.0181	<	0.016		0.0277		0.0333	<	0.016	
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.014			0.0597		24.9		1.4		0.061	<	0.014	<	0.014	78	0.014	0.82	24.9	0	0.0		0.0167		0.0145	<	0.014		0.0208		0.0251	<	0.014	
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	µg/l	<0.1	10		0.883		586		28.4		1.92	<	0.1	<	0.1	78	0.1	62.75	1130	26	33.3		0.306		0.229	<	0.1		0.478		0.308	<	0.1	
PAH WHO 4 (sum from above)	µg/l	<0.4	1		0.3659		149.6		8.28		8.28		0.08		0.08	78	0.08	7.14	149.6	23	29.5		0.092		0.0883		0.0883		0.1118		0.1338		0.1338	
SVOCS																																		
1,2,4-Trichlorobenzene (aq)	µg/l	<1	1	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	10	12.8	<	1			<	1	<	1	<	1	<	1	<	1
1,2-Dichlorobenzene (aq)	µg/l	<1	20	<	1	<	1	<	1	<	1	<	1	<	1	78	1	4.15	87.4	4	5.1	<	1			<	1	<	1	<	1	<	1	<	1
1,3-Dichlorobenzene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1	<	1

			Customer Sample ID		RBH422		BH403		BH403		BH403		BH402		BHD103	Groundwater Statistics							SW2		RSU		RSU		SW1		RSD		RSD	
			Sample Type		GW		GW		GW		GW		GW		GW								Canal		Canal		Canal		Canal		Canal		Canal	
			Response Zone Strata		CM		CM		CM		CM		SST		SST								Upstream		Upstream		Upstream		Downstream		Downstream		Downstream	
			Sampled Date		28/09/10		29/09/10		13/10/10		11/11/2010		29/09/10		28/09/10								27/09/2010		27/09/2010		12/11/2010		28/09/2010		27/10/2010		12/11/2010	
Determinand	**Units**		**TSV**													**Count**	**Min**	**Average**	**Max**	**No. > TSV**	**% > TSV**												
1,4-Dichlorobenzene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
2,4,5-Trichlorophenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
2,4,6-Trichlorophenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
2,4-Dichlorophenol (aq)	µg/l	<1	20	<	1	<	1	<	1	<	1	<	1	<	1	78	1	47.91	1360	5	6.4	<	1			<	1	<	1	<	1	<	1
2,4-Dimethylphenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	40.20	2260	3	3.8	<	1			<	1	<	1	<	1	<	1
2,4-Dinitrotoluene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
2,6-Dinitrotoluene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
2-Chloronaphthalene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
2-Chlorophenol (aq)	µg/l	<1	50	<	1	<	1	<	1	<	1	<	1	<	1	78	1	4.62	84.4	2	2.6	<	1			<	1	<	1	<	1	<	1
2-Methylnaphthalene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.23	25	0	0.0	<	1			<	1	<	1	<	1	<	1
2-Methylphenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	4.24	138	1	1.3	<	1			<	1	<	1	<	1	<	1
2-Nitroaniline (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
2-Nitrophenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
3-Nitroaniline (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
4-Bromophenylphenylether (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
4-Chloro-3-methylphenol (aq)	µg/l	<1	40	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
4-Chloroaniline (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.68	25	0	0.0	<	1			<	1	<	1	<	1	<	1
4-Chlorophenylphenylether (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
4-Methylphenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	5.08	129	1	1.3	<	1			<	1	<	1	<	1	<	1
4-Nitrophenol (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	2	<	1	<	1	<	1
4-Nitroaniline (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.45	25	0	0.0	<	1			<	1	<	1	<	1	<	1
Azobenzene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
bis(2-Chloroethyl)ether (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.44	25	0	0.0	<	1			<	1	<	1	<	1	<	1
bis(2-Chloroethoxy)methane (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
bis(2-Ethylhexyl) phthalate (aq)	µg/l	<2	100	<	2	<	2	<	2	<	2	<	2	<	2	78	2	4.90	50	0	0.0		4.63			<	2	<	2	<	2	<	2
Butylbenzyl phthalate (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
Carbazole (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.52	26.3	0	0.0	<	1			<	1	<	1	<	1	<	1
Dibenzofuran (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.82	27.3	0	0.0	<	1			<	1	<	1	<	1	<	1
n-Dibutyl phthalate (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.42	25	0	0.0		1.15			<	1	<	1	<	1	<	1
Diethyl phthalate (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
Dimethyl phthalate (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
n-Dioctyl phthalate (aq)	µg/l	<5	100	<	5	<	5	<	5	<	5	<	5	<	5	78	5	11.79	125	2	2.6	<	5			<	5	<	5	<	5	<	5
Hexachlorobenzene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
Hexachlorobutadiene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
Pentachlorophenol (aq)	µg/l	<1	1	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.41	25	0	0.0	<	1			<	2	<	1	<	1	<	1
n-Nitroso-n-dipropylamine (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
Hexachloroethane (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
Nitrobenzene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
Isophorone (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	1	<	1	<	1	<	1
Hexachlorocyclopentadiene (aq)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	2.36	25	0	0.0	<	1			<	2	<	1	<	1	<	1
VOCs			100																														
Dichlorodifluoromethane	µg/l	<7	100	<	7	<	7	<	7	<	7	<	7	<	7	78	7	7.00	7	0	0.0	<	7	<	7	<	7	<	7	<	7	<	7
Chloromethane	µg/l	<9	100	<	9	<	9	<	9	<	9	<	9	<	9	78	9	9.00	9	0	0.0	<	9	<	9	<	9	<	9	<	9	<	9
Vinyl chloride	µg/l	<1.2	5	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	78	1.2	1.20	1.2	0	0.0	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2
Bromomethane	µg/l	<2	100	<	2	<	2	<	2	<	2	<	2	<	2	78	2	2.00	2	0	0.0	<	2	<	2	<	2	<	2	<	2	<	2
Chloroethane	µg/l	<2.5	100	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	78	2.5	2.50	2.5	0	0.0	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5
Trichlorofluoromethane	µg/l	<1.3	100	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	78	1.3	1.31	1.64	0	0.0	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
1,1-Dichloroethene	µg/l	<1.2	100	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	78	1.2	1.20	1.2	0	0.0	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2
Carbon disulphide	µg/l	<1.3	100	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	78	1.3	3.51	82.5	0	0.0	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
Dichloromethane	µg/l	<3.7	2000	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	78	3.7	3.70	3.7	0	0.0	<	3.7	<	3.7		5.71	<	3.7	<	3.7	<	3.7
Methyl tertiary butyl ether (MTBE)	µg/l	<1.6	300	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	78	1.6	2.19	21.5	0	0.0	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6	<	1.6
trans-1,2-Dichloroethene	µg/l	<1.9	100	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	78	1.9	1.90	1.9	0	0.0	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9
1,1-Dichloroethane	µg/l	<1.2	100	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	78	1.2	1.20	1.2	0	0.0	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2
cis-1,2-Dichloroethene	µg/l	<2.3	100	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	78	2.3	2.30	2.3	0	0.0	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3
2,2-Dichloropropane	µg/l	<3.8	100	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	78	3.8	3.80	3.8	0	0.0	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8	<	3.8
Bromochloromethane	µg/l	<1.9	100	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	78	1.9	1.90	1.9	0	0.0	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9
Chloroform	µg/l	<1.8	12	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	78	1.8	1.80	1.8	0	0.0	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8
1,1,1-Trichloroethane	µg/l	<1.3	100	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	78	1.3	1.30	1.3	0	0.0	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
1,1-Dichloropropene	µg/l	<1.3	100	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	78	1.3	1.30	1.3	0	0.0	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
Carbontetrachloride	µg/l	<1.4	12	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	78	1.4	1.40	1.4	0	0.0	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4
1,2-Dichloroethane	µg/l	<3.3	10	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	78	3.3	3.37	5.78	0	0.0	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3	<	3.3
Benzene	µg/l	<1.3	30	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	78	1.3	17.34	484	11	14.1	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
Trichloroethene	µg/l	<2.5	10	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	78	2.5	2.53	3.83	0	0.0	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5
1,2-Dichloropropane	µg/l	<3	100	<	3	<	3	<	3	<	3	<	3	<	3	78	3	3.00	3	0	0.0	<	3	<	3	<	3	<	3	<	3	<	3
Dibromomethane	µg/l	<2.7	100	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	78	2.7	2.70	2.7	0	0.0	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7
Bromodichloromethane	µg/l	<0.9	1000	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	78	0.9	0.90	0.9	0	0.0	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9	<	0.9
cis-1,3-Dichloropropene	µg/l	<1.9	100	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	78	1.9	1.90	1.9	0	0.0	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9
Toluene	µg/l	<1.4	20	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	78	1.4	5.11	63.2	7	9.0	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4
trans-1,3-Dichloropropene	µg/l	<3.5	100	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	78	3.5	3.50	3.5	0	0.0	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5
1,1,2-Trichloroethane	µg/l	<2.2	400	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	78	2.2	2.20	2.2	0	0.0	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2
1,3-Dichloropropane	µg/l	<2.2	100	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	78	2.2	2.20	2.2	0	0.0	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2
Tetrachloroethene	µg/l	<1.5	100	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	78	1.5	1.50	1.5	0	0.0	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5	<	1.5
Dibromochloromethane	µg/l	<1.7	1000	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	78	1.7	1.70	1.7	0	0.0	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7
1,2-Dibromoethane	µg/l	<2.3	100	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	78	2.3	2.30	2.3	0	0.0	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3
Chlorobenzene	µg/l	<3.5	100	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	78	3.5	1,062.22	47100	6	7.7	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5	<	3.5
1,1,1,2-Tetrachloroethane	µg/l	<1.3	100	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	78	1.3	1.30	1.3	0	0.0	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3
Ethylbenzene	µg/l	<2.5	50	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	78	2.5	4.06	80.2	1	1.3	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5
m,p-Xylene	µg/l	<2.5	30	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	78	2.5	4.40	116	1	1.3	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5
o-Xylene	µg/l	<1.7	30	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	78	1.7	2.84	68.1	1	1.3	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7
Styrene	µg/l	<1.2	50	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	78	1.2	1.28	7.12	0	0.0	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2	<	1.2
Bromoform	µg/l	<3	1000	<	3	<	3	<	3	<	3	<	3	<	3	78	3	3.00	3	0	0.0	<	3	<	3	<	3	<	3	<	3	<	3
Isopropylbenzene	µg/l	<1.4	100	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	78	1.4	1.44	3.89	0	0.0	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4	<	1.4
1,1,2,2-Tetrachloroethane	µg/l	<5.2	100	<	5.2	<	5.2	<	5.2	<	5.2	<	5.2	<	5.2	78	5.2	5.20	5.2	0	0.0	<	5.2	<	5.2	<	5.2	<	5.2	<	5.2	<	5.2
1,2,3-Trichloropropane	µg/l	<7.8	100	<	7.8	<	7.8	<	7.8	<	7.8	<	7.8	<	7.8	78	7.8	7.80	7.8	0	0.0	<	7.8	<	7.8	<	7.8	<	7.8	<	7.8	<	7.8
Bromobenzene	µg/l	<2	100	<	2	<	2	<	2	<	2	<	2	<	2	78	2	2.00	2	0	0.0	<	2	<	2	<	2	<	2	<	2	<	2
Propylbenzene	µg/l	<2.6	100	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	78	2.6	2.60	2.6	0	0.0	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6
2-Chlorotoluene	µg/l	<1.9	100	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	78	1.9	1.90	1.9	0	0.0	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9

			Customer Sample ID		RBH422		BH403		BH403		BH403		BH402		BHD103	Groundwater Statistics							SW2		RSU		RSU		SW1		RSD		RSD
			Sample Type		GW		GW		GW		GW		GW		GW								Canal		Canal		Canal		Canal		Canal		Canal
			Response Zone Strata		CM		CM		CM		CM		SST		SST								Upstream		Upstream		Upstream		Downstream		Downstream		Downstream
			Sampled Date		28/09/10		29/09/10		13/10/10		11/11/2010		29/09/10		28/09/10								27/09/2010		27/09/2010		12/11/2010		28/09/2010		27/10/2010		12/11/2010
Determinand	**Units**		**TSV**													**Count**	**Min**	**Average**	**Max**	**No. > TSV**	**% > TSV**												
1,3,5-Trimethylbenzene	µg/l	<1.8	100	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	78	1.8	1.95	6.6	0	0.0	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8	<	1.8
4-Chlorotoluene	µg/l	<1.9	100	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	78	1.9	1.90	1.9	0	0.0	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9	<	1.9
tert-Butylbenzene	µg/l	<2	100	<	2	<	2	<	2	<	2	<	2	<	2	78	2	2.00	2	0	0.0	<	2	<	2	<	2	<	2	<	2	<	2
1,2,4-Trimethylbenzene	µg/l	<1.7	100	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	78	1.7	2.37	22.2	0	0.0	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7
sec-Butylbenzene	µg/l	<1.7	100	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	78	1.7	1.70	1.7	0	0.0	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7
4-iso-Propyltoluene	µg/l	<2.6	100	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	78	2.6	2.60	2.6	0	0.0	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6	<	2.6
1,3-Dichlorobenzene	µg/l	<2.2	20	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	78	2.2	2.20	2.2	0	0.0	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2	<	2.2
1,4-Dichlorobenzene	µg/l	<2.7	20	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	78	2.7	2.70	2.7	0	0.0	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7	<	2.7
n-Butylbenzene	µg/l	<2	100	<	2	<	2	<	2	<	2	<	2	<	2	78	2	2.00	2	0	0.0	<	2	<	2	<	2	<	2	<	2	<	2
1,2-Dichlorobenzene	µg/l	<3.7	20	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	78	3.7	7.53	109	3	3.8	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7	<	3.7
1,2-Dibromo-3-chloropropane	µg/l	<9.8	100	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	78	9.8	9.80	9.8	0	0.0	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8	<	9.8
1,2,4-Trichlorobenzene	µg/l	<2.3	0.4	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	78	2.3	2.30	2.3	0	0.0	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3	<	2.3
Hexachlorobutadiene	µg/l	<2.5	100	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	78	2.5	2.50	2.5	0	0.0	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5
tert-Amyl methyl ether (TAME)	µg/l	<1	100	<	1	<	1	<	1	<	1	<	1	<	1	78	1	1.00	1	0	0.0	<	1	<	1	<	1	<	1	<	1	<	1
1,2,3-Trichlorobenzene	µg/l	<3.1	0.4	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	78	3.1	3.10	3.1	0	0.0	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1	<	3.1
1,3,5-Trichlorobenzene	µg/l	<10	0.4	<	10	<	10	<	10	<	10	<	10	<	10	78	10	10.00	10	0	0.0	<	10	<	10	<	10	<	10	<	10	<	10

EQS values used based upon 50-100mg CaCO3 and cyprinid water course except where noted otherwise

Denotes DWS x10 value used as TSV

Denotes indicative TSV based upon professional judgement

			Customer Sample ID	BH112	BH112	BH112	BH115	BH115	BH115	BH3	BH3	BH3	WS401	WS401	BH409A	BH409A	BH409A	BH410	BH410	BH410	BH411	BH413	BH413	BH413	BH414	BH414	BH414	BH415	BH415S	BH415S	BH416	BHS304	BHS304
			Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
			Response Zone Strata	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG
			Sampled Date	28/09/10	28/10/2010	10/11/2010	28/09/10	27/10/2010	10/11/2010	29/09/10	13/10/10	11/11/2010	29/09/10	13/10/10	28/09/10	28/10/10	12/11/2010	28/09/10	13/10/10	17/11/2010	29/09/10	27/09/10	27/10/2010	10/11/2010	28/09/10	29/10/10	11/11/2010	29/09/10	28/10/2010	11/11/2010	29/09/10	28/09/10	27/10/10
Determinand	**Units**	**LOD**	**TSV**																														
Phenol	µg/l	var.	1000000	0.5	7.29	0.5	5	0.5	0.5	2.07	0.5	0.5	0.5	0.72	0.89	0.5	0.5	22.5	2.34	0.5	0.5	5	0.5	40	72.1	20	2.71	0.5	0.5	0.51	0.5	0.92	0.5
Aliphatics >C5-C6	µg/l	<10	1100	<	10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<	< 10	< 10	<	< 10	< 10	<	<	< 10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<
Aliphatics >C6-C8	µg/l	<10	750	<	10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<	< 10	< 10	<	< 10	< 10	<	<	< 10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<
Aliphatics >C8-C10	µg/l	<10	25	<	10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<	< 10	< 10	<	28	42	<	<	< 10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<
Aliphatics >C10-C12	µg/l	<10	16.5	<	93	61	<	< 10	< 10	<	< 10	< 10	<	< 10	<	< 10	< 10	<	161	321	<	<	< 10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<
Aromatics >C5-C7	µg/l	<10	30	<	45	25	<	< 10	< 10	<	< 10	< 10	<	< 10	<	< 10	< 10	<	< 10	< 10	<	<	44	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<
Aromatics >C7-C8	µg/l	<10	30	<	10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<	< 10	< 10	<	< 10	< 10	<	<	< 10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<
Aromatics >EC8-EC10	µg/l	<10	800	<	18	12	<	< 10	< 10	<	< 10	< 10	<	< 10	<	< 10	< 10	<	30	45	<	<	< 10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<
Aromatics >EC10-EC12	µg/l	<10	2800	<	62	41	<	< 10	< 10	<	< 10	< 10	<	< 10	<	< 10	< 10	<	108	214	<	<	< 10	< 10	<	< 10	< 10	<	< 10	< 10	<	< 10	<
Naphthalene (aq)	µg/l	<0.1	450	0.248	1.13	0.529	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.101	0.402	< 1.65	< 0.1	< 0.1	< 0.1	0.175	0.285	0.38	< 0.1	1.32	2.73	2.9	0.251	0.203	< 0.1	< 0.1	0.293	< 0.1	< 0.1	< 0.1	< 0.1	<
Acenaphthene (aq)	µg/l	<0.015	750	27.1	28.7	21.3	0.161	< 0.015	< 0.015	< 0.015	0.0741	0.123	1.76	7.22	0.0686	0.0245	< 0.015	1.08	137	1.3	0.0385	2.6	0.843	0.916	0.0818	0.0299	< 0.015	< 0.015	0.03	< 0.015	0.0617	< 0.015	< 0.015	<
Acenaphthylene (aq)	µg/l	<0.011	90	0.593	0.434	0.334	< 0.011	< 0.011	0.0168	< 0.011	< 0.011	0.0165	0.131	0.342	< 0.011	< 0.011	< 0.011	0.451	4.75	0.511	< 0.011	0.0416	0.0184	0.0164	0.0207	0.0111	< 0.011	< 0.011	< 0.011	< 0.011	0.011	< 0.011	< 0.011	<
Benzene	µg/l	<1.3	47.5	28.9	45.2	33	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	1.58	< 1.3	< 1.3	< 1.3	54.4	9.91	44.4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	<
Ethylbenzene	µg/l	<2.5	5500	5.61	7.01	5.83	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	6.19	4.61	6.89	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	<
m,p-Xylene	µg/l	<2.5	2000	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	6.66	3.23	5.65	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	<
o-Xylene	µg/l	<1.7	2000	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	6.27	2.96	4.23	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	<
Methyl tertiary butyl ether (MTBE)	µg/l	<3	250000	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	24	24	< 3	< 3	< 3	< 3	<

			Customer Sample ID	BHS304	BHS307	BHS307	BHS307	BHS313	BHS314	BHS314	BHS314	BHS319	BHS319	BHS319	BHS324	BHS324	BHS324	WS405	WS408	WS408	WS408	BH401	BH401	BH401	BH103	BH103	BH103	BHI209	BHI209	BHI209	BHS329	BHS329	BHS329
			Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
			Response Zone Strata	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	Till	Till	Till	Till	Till	Till	Till	Till	Till
			Sampled Date	10/11/2010	28/09/10	29/10/10	12/11/2010	29/09/10	29/09/10	28/10/10	10/11/2010	28/09/10	28/10/10	10/11/2010	27/09/10	28/10/10	10/11/2010	29/09/10	27/09/10	28/10/10	10/11/2010	13/10/10	17/11/2010	17/11/2010	28/09/10	27/10/10	10/11/2010	28/09/10	27/10/2010	10/11/2010	27/09/10	28/10/10	10/11/2010
Determinand	**Units**	**LOD**	**TSV**																														
Phenol	µg/l	var.	1000000	0.5	15	25	2440	0.5	1.37	0.71	1.7	5100	1400	720	150	120	150	0.5	4210	0.5	2430	0.5	1	1	8.23	0.5	25	15	380	25	11.1	2.12	0.5
Aliphatics >C5-C6	µg/l	<10	1100	10		< 10	14			< 10	< 10		< 10	< 10		< 10	< 10			26	13	< 10	< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10	< 10
Aliphatics >C6-C8	µg/l	<10	750	10		< 10	21			< 10	< 10		19	11		< 10	< 10			21	19	< 10	< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10	< 10
Aliphatics >C8-C10	µg/l	<10	25	10		< 10	21400			< 10	< 10		65	55		< 10	13		14		21	19	< 10	< 10	< 10		< 10	< 10		114	20		< 10	< 10
Aliphatics >C10-C12	µg/l	<10	16.5	10		17	310			< 10	< 10		138	122		< 10	50		37		60	45	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10
Aromatics >C5-C7	µg/l	<10	30	10		< 10	10			< 10	< 10		57	79		< 10	82		82		< 10	< 10	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10
Aromatics >C7-C8	µg/l	<10	30	10		24	53			< 10	< 10		< 10	14		< 10	< 10		< 10		26	26	< 10	< 10	< 10		< 10	< 10		< 10	< 10		< 10	< 10
Aromatics >EC8-EC10	µg/l	<10	800	10		< 10	14300			< 10	< 10		65	95		13	13				26	21	< 10	< 10	< 10		< 10	< 10		76	13		< 10	< 10
Aromatics >EC10-EC12	µg/l	<10	2800	10		11	207			< 10	< 10		92	82		33	24				40	30	< 10	< 10	< 10		< 10	< 10		< 10	< 10	< 10	< 10	< 10
Naphthalene (aq)	µg/l	<0.1	450	0.1	400	13.1	516	< 0.1	< 0.1	< 0.1	< 0.1	131	55.3	38.2	0.675	8.04	4.6	< 0.1	1.66	1.32	0.234	0.119	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.654	< 0.1	< 0.1
Acenaphthene (aq)	µg/l	<0.015	750	0.015	0.461	0.234	1.12	0.0467	< 0.015	< 0.015	< 0.015	72	48.2	41	32.8	63.1	40.2	0.0201	0.779	0.836	0.586	0.133	0.0593	0.0593	0.0166	0.0216	< 0.015	< 0.015	0.0505	< 0.015	0.392	< 0.015	< 0.015
Acenaphthylene (aq)	µg/l	<0.011	90	0.011	< 0.22	0.0466	< 0.22	0.0168	< 0.011	0.0157	< 0.011	3.29	2.01	1.9	0.104	0.188	0.0983	< 0.011	0.0494	0.039	0.0294	0.0382	0.0226	0.0226	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	0.0787	< 0.011	< 0.011
Benzene	µg/l	<1.3	47.5	1.3	6.41	3.21	5.71	< 1.3	< 1.3	< 1.3	< 1.3	484	41.1	102	87.1	110	120	< 1.3	3.07	3.71	4.52	< 1.3	< 1.3	< 1.3	< 1.3	1.67	< 1.3	< 1.3	24.7	57.6	8.15	< 1.3	< 1.3	< 1.3
Ethylbenzene	µg/l	<2.5	5500	2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	80.2	5.68	20.6	< 2.5	3.15	3.6	< 2.5	2.65	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
m,p-Xylene	µg/l	<2.5	2000	2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	116	5.41	25.6	< 2.5	< 2.5	< 2.5	< 2.5	3.4	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
o-Xylene	µg/l	<1.7	2000	1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	68.1	2.74	14.9	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Methyl tertiary butyl ether (MTBE)	µg/l	<3	250000	3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3

			Customer Sample ID		BH404		BH405		BH406		BH406		BH406		WS12		WS12		WS12		BHI202		BHI207		BH408		BH407		RBH422		BH403		BH403		BH403		BH402		BHD103		Groundwater Statistics					
			Sample Type		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW							
			Response Zone Strata		Till		Till		Till		Till		Till		Till		Till		Till		Till		Till		Till		CM		CM		CM		CM		CM		SST		SST							
			Sampled Date		29/09/10		27/09/10		28/09/10		28/10/10		10/11/2010		29/09/10		13/10/10		11/11/2010		30/10/10		27/09/10		29/09/10		29/09/10		28/09/10		29/09/10		13/10/10		11/11/2010		29/09/10		28/09/10							
Determinand	**Units**	**LOD**	**TSV**																																				**Count**	**Min**	**Averaga**	**Max**	**No. > TSV**	**% > TSV**
Phenol	µg/l	var.	1000000		0.5		0.5		2.94		0.5		0.5		1.84		2.25		0.5		0.79		0.5		0.96		0.5		28.9		1.2		0.5		0.88		0.7		0.97		78	0.50	222.99	5100	0	0.0
Aliphatics >C5-C6	µg/l	<10	1100							<	10	<	10			<	10	<	10													<	10	<	10						44	10	10.52	26	0	0.0
Aliphatics >C6-C8	µg/l	<10	750							<	10	<	10			<	10	<	10													<	10	<	10						44	10	10.93	21	0	0.0
Aliphatics >C8-C10	µg/l	<10	25							<	10	<	10			<	10	<	10													<	10	<	10						44	10	502.75	21400	6	13.6
Aliphatics >C10-C12	µg/l	<10	16.5							<	10	<	10			<	10	<	10													<	10	<	10						44	10	39.43	321	12	27.3
Aromatics >C5-C7	µg/l	<10	30							<	10	<	10			<	10	<	10													<	10	<	10						44	10	17.82	82	6	13.6
Aromatics >C7-C8	µg/l	<10	30							<	10	<	10			<	10	<	10													<	10	<	10						44	10	12.11	53	1	2.3
Aromatics >EC8-EC10	µg/l	<10	800							<	10	<	10			<	10	<	10													<	10	<	10						44	10	341.75	14300	1	2.3
Aromatics >EC10-EC12	µg/l	<10	2800							<	10	<	10			<	10	<	10													<	10	<	10						44	10	28.73	214	0	0.0
Naphthalene (aq)	µg/l	<0.1	450	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1		0.517		0.306	<	0.1	<	0.1	<	0.1	<	0.1	<	0.1	<	2.04	<	0.1	<	0.1	x	0.1	<	0.1		78	0.1	15.27	516	1	1.3
Acenaphthene (aq)	µg/l	<0.015	750	<	0.015	<	0.015	<	0.015	<	0.015	<	0.015	<	0.015		0.433		5.24	<	0.015	<	0.0771	<	0.015	<	0.015	<	0.015		4.36		0.15	<	0.015	<	0.015	<	0.015		78	0.015	6.97	137	0	0.0
Acenaphthylene (aq)	µg/l	<0.011	90	<	0.011	<	0.011	<	0.011		0.0362	<	0.011	<	0.011		0.0503		0.097	<	0.012	<	0.011	<	0.011	<	0.011	<	0.011		0.276		0.0275	<	0.011	<	0.011	<	0.011		78	0.011	0.22	4.75	0	0.0
Benzene	µg/l	<1.3	47.5	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3		2.12	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3	<	1.3		78	1.3	17.34	484	7	9.0
Ethylbenzene	µg/l	<2.5	5500	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5		78	2.5	4.06	80.2	0	0.0
m,p-Xylene	µg/l	<2.5	2000	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5	<	2.5		78	2.5	4.40	116	0	0.0
o-Xylene	µg/l	<1.7	2000	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7	<	1.7		78	1.7	2.84	68.1	0	0.0
Methyl tertiary butyl ether (MTBE)	µg/l	<3	250000	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3	<	3		78	3	3.54	24	0	0.0

		Customer Sample ID	BH112	BH115	BH3	BH409A	BH410	BH413	BH414	BH415S	BHS304	BHS307	BHS314	BHS319	BHS324	WS401	WS408
		Sample Type	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
		Response Zone Strata	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG
		Sampled Date	10/11/2010	10/11/2010	11/11/2010	12/11/2010	17/11/2010	10/11/2010	11/11/2010	11/11/2010	10/11/2010	12/11/2010	10/11/2010	10/11/2010	10/11/2010	11/11/2010	10/11/2010
Determinand	**Units**	**LOD**															
Conductivity @ 20 deg.C	mS/cm	<0.014	1.79	0.438	1.94	2.12	1.76	5.37	1.35	2.98	1.47	4.08	1.16	1.96	2.17	2.47	1.33
Chloride	mg/l	<0.08	35.4	6.36	38.5	52	15.4	1360	42	72.6	28	62.5	67.6	17.8	103	52.2	101
Calcium (diss.filt)	mg/l	<0.012	124	60.5	490	682	565	28	221	485	334	560	133	532	222	626	86.2
Magnesium (diss.filt)	mg/l	<0.036	51.5	3.26	90.2	8.14	6.62	3.27	19	30.1	7.34	2.06	0.526	4.7	27.5	51	< 0.036

Customer Sample ID			DUPA	DUPB	DUP A	DUP B	DUPA	DUPB	TRIP BLANK	TRIP BLANK	TRIPBLANK	TRIPBLANK
Sample Type			BH329	BH414	BH103	RSD	BH329	BH414				
Response Zone Strata			GW	GW	GW	Canal	GW	GW				
Sampled Date			27/09/2010	28/09/2010	27/10/2010	28/10/2010	10/11/2010	10/11/2010	28/10/2010	27/10/2010	11/11/2010	12/11/2010
Determinand	**Units**	**LOD**	**TSV**									
Alkalinity, Total as CaCO3	mg/l	<2		415	225	95	79	210	70				
Ammoniacal Nitrogen as N	mg/l	<0.2	0.3	1.17	2.61	0.916	0.2	1.17	0.2				
Sulphide	mg/l	<0.01		0.014	0.017	0.795	0.01	0.062	0.01				
Sulphate	mg/l	<3	400	233	1020	1410	28.2	8	29.2				
Cyanide, Total	mg/l	<0.05	1	0.05	0.05	0.05	0.05	0.05	0.05				
pH	pH Units	<1	6 to 9	8.35	7.79	8.17	8.14	8.5	7.98				
Antimony (diss.filt)	µg/l	<0.16							0.761				
Arsenic (diss.filt)	µg/l	<0.12	50	7.46	10.7	1.75	0.985	0.12	1.37				
Boron (diss.filt)	µg/l	<9.4	2000	166	132	56.7	35.9	111	32.2				
Cadmium (diss.filt)	µg/l	<0.1	5	0.1	0.1	0.1	0.1	0.1	0.1				
Chromium (diss.filt)	µg/l	<0.22	175	6.8	4.34	2.44	2.19	6.98	8.23				
Copper (diss.filt)	µg/l	<0.85	22	1.36	5.98	2.54	3.85	1.56	4.68				
Lead (diss.filt)	µg/l	<0.02	125	0.748	0.063	0.118	0.63	3.71	3.52				
Nickel (diss.filt)	µg/l	<0.15	100	4.71	13.4	7.61	2.9	2.63	2.91				
Selenium (diss.filt)	µg/l	<0.39		19.8	27.2	0.39	0.39	0.39	0.39				
Vanadium (diss.filt)	µg/l	<0.24	20						0.768				
Zinc (diss.filt)	µg/l	<0.41	175	35	46.6	3.76	6.19	14.5	16.7				
Mercury (diss.filt)	µg/l	<0.01	1	0.01	0.01	0.0104	0.01	0.01	0.01				
Hardness, Total as CaCO3	mg/l	<1											
Phenols													
Resorcinol (low level)	µg/l	<0.5		0.5	5	0.5	0.5	10	0.5				
Catechol (low level)	µg/l	<0.5		5.88	5	0.5	0.96	10	0.5				
Phenol (low level)	µg/l	<0.5	30	10.8	47.9	0.5	0.5	20	0.5				
Cresols (low level)	µg/l	<0.5		1.38	5	0.5	0.5	60	0.5				
Xylenols (low level)	µg/l	<0.5		0.5	14.2	0.5	0.5	80	0.5				
1-Napthol (low level)	µg/l	<0.5		0.5	5	0.5	0.5	10	0.5				
2,3,5-Trimethylphenol (low level)	µg/l	<0.5		0.5	5	0.5	0.5	30	0.5				
2-Isopropylphenol (low level)	µg/l	<0.5		0.5	5	0.5	0.5	60	0.5				
Phenols, Total monohydric (low level)	µg/l	<0.5	30	12.2	62.1	0.5	0.5	15	0.5				
Phenols, Total 5 speciated (low level)	µg/l	<0.5	30	12.2	62.1	0.5	0.5	25	0.5				
Phenols, Total monohydric	mg/l	<0.015	30										
Petroleum Hydrocarbons													
Benzene	µg/l	<7	30	7	7	7	7	9	7				
Toluene	µg/l	<4	50	4	4	4	4	4	4				
Ethylbenzene	µg/l	<5	20	5	5	5	5	5	5				
m,p-Xylene	µg/l	<8	30	8	8	8	8	8	8				
o-Xylene	µg/l	<3	30	3	3	3	3	3	3				
Methyl tertiary butyl ether (MTBE)	µg/l	<3		3	3	3	3	3	3				
GRO >C5-C12	µg/l	<50		50	50	50	50	202	50				
GRO >C10-C12	µg/l	<10		10	10	10	10	12	10				
GRO >C5-C10	µg/l	<10		10	10	10	10	186	10				
m,p,o-Xylene	µg/l	<10	30	10	10	10	10	10	10				
BTEX, Total	µg/l	<10		10	10	10	10	10	10				
EPH Range >C10 - C40 (aq)	µg/l	<46		46	496	66.8	78.9	198	46				
EPH Band >C10-C20 (aq)	µg/l	<10		10	331	55.1	71.5	126	10				
EPH Band >C20-C30 (aq)	µg/l	<10		10	129	11.7	10	49.3	10				
EPH Band >C30-C40 (aq)	µg/l	<10		10	38.1	10	10	22.3	10				
PAHs													
Naphthalene (aq)	µg/l	<0.1	10	0.1	0.484	0.1	0.1	0.325	0.1				
Acenaphthene (aq)	µg/l	<0.015		0.0216	0.0733	0.309	0.015	0.145	0.015				
Acenaphthylene (aq)	µg/l	<0.011		0.011	0.0241	0.011	0.011	0.0649	0.011				
Fluoranthene (aq)	µg/l	<0.014	0.1	0.0182	0.841	0.014	0.0565	0.184	0.0207				
Anthracene (aq)	µg/l	<0.015	0.1	0.015	0.134	0.015	0.015	0.0917	0.015				
Phenanthrene (aq)	µg/l	<0.022		0.022	0.515	0.022	0.022	0.133	0.022				
Fluorene (aq)	µg/l	<0.014		0.014	0.0733	0.052	0.014	0.0949	0.014				
Chrysene (aq)	µg/l	<0.013		0.013	0.481	0.013	0.0238	0.0476	0.013				
Pyrene (aq)	µg/l	<0.015		0.0187	0.812	0.015	0.0592	0.209	0.0239				
Benzo(a)anthracene (aq)	µg/l	<0.017		0.017	0.372	0.017	0.0378	0.102	0.0182				
Benzo(b)fluoranthene (aq)	µg/l	<0.023		0.023	0.271	0.023	0.0331	0.192	0.023				
Benzo(k)fluoranthene (aq)	µg/l	<0.027		0.027	0.277	0.027	0.0351	0.0833	0.027				
Benzo(a)pyrene (aq)	µg/l	<0.009	0.5	0.009	0.315	0.009	0.0414	0.0994	0.0126				
Dibenzo(a,h)anthracene (aq)	µg/l	<0.016		0.016	0.0461	0.016	0.016	0.0639	0.016				
Benzo(g,h,i)perylene (aq)	µg/l	<0.016		0.016	0.25	0.016	0.0353	0.101	0.016				
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.014		0.014	0.183	0.014	0.0268	0.205	0.014				
Polyaromatic hydrocarbons, Total USEPA 16 (aq)	µg/l	<0.1	1	0.1	5.15	0.361	0.319	2.14	0.1				
PAH WHO 4 (sum from above)	µg/l	<0.4		0.08	0.981	0.08	0.1303	0.1303	0.1303				
VOCs			**LOD**										
Dichlorodifluoromethane	µg/l	<7	7						7	7	7	7	7
Chloromethane	µg/l	<9	9						9	9	9	9	9
Vinyl chloride	µg/l	<1.2	1.2						1.2	1.2	1.2	1.2	1.2
Bromomethane	µg/l	<2	2						2	2	2	2	2
Chloroethane	µg/l	<2.5	2.5						2.5	2.5	2.5	2.5	2.5
Trichlorofluoromethane	µg/l	<1.3	1.3						1.3	1.3	1.3	1.3	1.3
1,1-Dichloroethene	µg/l	<1.2	1.2						1.2	1.2	1.2	1.2	1.2
Carbon disulphide	µg/l	<1.3	1.3						1.3	1.3	1.3	1.3	1.3
Dichloromethane	µg/l	<3.7	3.7						3.7	3.7	3.7	3.7	3.7
Methyl tertiary butyl ether (MTBE)	µg/l	<1.6	1.6						1.6	1.6	1.6	1.6	1.6
trans-1,2-Dichloroethene	µg/l	<1.9	1.9						1.9	1.9	1.9	1.9	1.9
1,1-Dichloroethane	µg/l	<1.2	1.2						1.2	1.2	1.2	1.2	1.2
cis-1,2-Dichloroethene	µg/l	<2.3	2.3						2.3	2.3	2.3	2.3	2.3
2,2-Dichloropropane	µg/l	<3.8	3.8						3.8	3.8	3.8	3.8	3.8
Bromochloromethane	µg/l	<1.9	1.9						1.9	1.9	1.9	1.9	1.9
Chloroform	µg/l	<1.8	1.8						1.8	1.8	1.8	1.8	1.8
1,1,1-Trichloroethane	µg/l	<1.3	1.3						1.3	1.3	1.3	1.3	1.3
1,1-Dichloropropene	µg/l	<1.3	1.3						1.3	1.3	1.3	1.3	1.3
Carbontetrachloride	µg/l	<1.4	1.4						1.4	1.4	1.4	1.4	1.4
1,2-Dichloroethane	µg/l	<3.3	3.3						3.3	3.3	3.3	3.3	3.3
Benzene	µg/l	<1.3	1.3						1.3	1.3	1.3	1.3	1.3
Trichloroethene	µg/l	<2.5	2.5						2.5	2.5	2.5	2.5	2.5
1,2-Dichloropropane	µg/l	<3	3						3	3	3	3	3
Dibromomethane	µg/l	<2.7	2.7						2.7	2.7	2.7	2.7	2.7
Bromodichloromethane	µg/l	<0.9	0.9						0.9	0.9	0.9	0.9	0.9
cis-1,3-Dichloropropene	µg/l	<1.9	1.9						1.9	1.9	1.9	1.9	1.9
Toluene	µg/l	<1.4	1.4						1.4	1.4	1.4	1.4	1.4
trans-1,3-Dichloropropene	µg/l	<3.5	3.5						3.5	3.5	3.5	3.5	3.5
1,1,2-Trichloroethane	µg/l	<2.2	2.2						2.2	2.2	2.2	2.2	2.2
1,3-Dichloropropane	µg/l	<2.2	2.2						2.2	2.2	2.2	2.2	2.2
Tetrachloroethene	µg/l	<1.5	1.5						1.5	1.5	1.5	1.5	1.5
Dibromochloromethane	µg/l	<1.7	1.7						1.7	1.7	1.7	1.7	1.7
1,2-Dibromoethane	µg/l	<2.3	2.3						2.3	2.3	2.3	2.3	2.3
Chlorobenzene	µg/l	<3.5	3.5						3.5	3.5	3.5	3.5	3.5
1,1,1,2-Tetrachloroethane	µg/l	<1.3	1.3						1.3	1.3	1.3	1.3	1.3
Ethylbenzene	µg/l	<2.5	2.5						2.5	2.5	2.5	2.5	2.5
m,p-Xylene	µg/l	<2.5	2.5						2.5	2.5	2.5	2.5	2.5
o-Xylene	µg/l	<1.7	1.7						1.7	1.7	1.7	1.7	1.7
Styrene	µg/l	<1.2	1.2						1.2	1.2	1.2	1.2	1.2
Bromoform	µg/l	<3	3						3	3	3	3	3
Isopropylbenzene	µg/l	<1.4	1.4						1.4	1.4	1.4	1.4	1.4
1,1,2,2-Tetrachloroethane	µg/l	<5.2	5.2						5.2	5.2	5.2	5.2	5.2
1,2,3-Trichloropropane	µg/l	<7.8	7.8						7.8	7.8	7.8	7.8	7.8
Bromobenzene	µg/l	<2	2						2	2	2	2	2
Propylbenzene	µg/l	<2.6	2.6						2.6	2.6	2.6	2.6	2.6
2-Chlorotoluene	µg/l	<1.9	1.9						1.9	1.9	1.9	1.9	1.9
1,3,5-Trimethylbenzene	µg/l	<1.8	1.8						1.8	1.8	1.8	1.8	1.8
4-Chlorotoluene	µg/l	<1.9	1.9						1.9	1.9	1.9	1.9	1.9
tert-Butylbenzene	µg/l	<2	2						2	2	2	2	2
1,2,4-Trimethylbenzene	µg/l	<1.7	1.7						1.7	1.7	1.7	1.7	1.7
sec-Butylbenzene	µg/l	<1.7	1.7						1.7	1.7	1.7	1.7	1.7
4-iso-Propyltoluene	µg/l	<2.6	2.6						2.6	2.6	2.6	2.6	2.6
1,3-Dichlorobenzene	µg/l	<2.2	2.2						2.2	2.2	2.2	2.2	2.2
1,4-Dichlorobenzene	µg/l	<2.7	2.7						2.7	2.7	2.7	2.7	2.7
n-Butylbenzene	µg/l	<2	2						2	2	2	2	2
1,2-Dichlorobenzene	µg/l	<3.7	3.7						3.7	3.7	3.7	3.7	3.7
1,2-Dibromo-3-chloropropane	µg/l	<9.8	9.8						9.8	9.8	9.8	9.8	9.8
1,2,4-Trichlorobenzene	µg/l	<2.3	2.3						2.3	2.3	2.3	2.3	2.3
Hexachlorobutadiene	µg/l	<2.5	2.5						2.5	2.5	2.5	2.5	2.5
tert-Amyl methyl ether (TAME)	µg/l	<1	1						1	1	1	1	1
Naphthalene	µg/l	<3.5	3.5						3.5	3.5	3.5	3.5	3.5
1,2,3-Trichlorobenzene	µg/l	<3.1	3.1						3.1	3.1	3.1	3.1	3.1
1,3,5-Trichlorobenzene	µg/l	<10	10						10	10	10	10	10

Appendix F – Regulatory Correspondence

Openshaw West
Site Investigation MCC/EA Meeting 1

Project Title:	Openshaw West		
Name Of Meeting:	Site Investigation MCC/EA Meeting		
Meeting Number:	01	**Meeting Held At:**	City@Home
Date of Meeting	21.07.10	**Time of Meeting:**	1.00pm to 2.30pm
Attendees:	Simon Johnson (SJ) – WYG Jeni Templeman (JT) – Environment Agency Stuart Bayley (SB) – Manchester City Council Simon Rodgers (SR) – Manchester City Council		
Apologies	Lindsay Berends (LB) – Environment Agency Helen Telfer (HT) – Environment Agency Julie Roscoe (JR) – Manchester City Council Patricia Gill (PG) - WYG		
Distribution	All of the above Marc Davies (WYG) Rachel Downey (Brookshaw) Richard Bannister (Brookshaw)		
Date of Issue	28.07.10		

Summary of Key Actions

- SJ to provide copy of Data Review and Site Investigation Specification
- SR to review information held by MCC
- SJ to commence consultations with BW
- SJ to confirm if any drainage connections are present from site to the canal
- SJ to confirm responsibility for waste issues

Item	Issue	Action
1.	**Project Introduction**	
1.1	SJ provided a brief introduction to the project and proposals to design a comprehensive constraints removal strategy for geo-environmental issues and other topic areas such as archaeology, ecology etc.	
1.2	SJ explained the role being undertaken by WYG to assess existing information and design a suitable site investigation to address any information gaps	
2.	**<u>Works Completed</u>**	
2.1	SJ provided a summary of information obtained to date as part of the Data Review of existing reports including a run through of the key constraints and information gaps identified, namely:	

- Potential contamination sources from a varied industrial uses (inc. colliery, chemical / dye works, engineering works, in-filled reservoirs/canal etc) that have occurred on the site and surrounding land dating back to the 1800's
- Identified contamination based upon field observations and laboratory test results in previous reports (predominantly metals and hydrocarbons)
- Presence of untreated mine shafts on or near the site
- Anticipated presence of shallow mine workings beneath the site
- Reported presence of LeBlanc / galligu wastes
- Exposed deep, partially water filled basements
- Variable thickness of Made Ground
- Unconfirmed thickness of Glacial Till in the west of the site, though around 20m has been demonstrated to be present over the sandstone in east of the site
- Absence of geotechnical test data
- Numerous below ground obstructions, remnant foundations and occasional void spaces that are present
- Proximity to Ashton Canal and other surface waters (River Medlock and Corn Brook)
- Proximity to Principal Aquifer (Sherwood Sandstone) and on site abstraction boreholes for process water
- Possible preferential pathways (esp. abstraction boreholes and mine shafts)
- Elevated ground gas results from previous monitoring of Made Ground soils
- Possible migration of mine gas
- Presence of Japanese Knotweed

2.2 SJ stated that remediation contractors had been involved in the site investigation design process at an early stage to provide advice such that the scope of works would meet their requirements for subsequent remediation design and cost effective pricing purposes.

2.3 SR stated that MCC could review information that they hold for the site and advise if further data can be made available — SR

2.4 SJ stated that the site is predominantly cleared to slab / floor level with a few buildings present in the west of the site scheduled for demolition works imminently

3. **Proposals for Further Works**

3.1 SJ provided a summary of the proposed scope of site investigation works and rationale for the works. It was explained that the works were to be tendered and that WYG would provide a supervisory role during the SI and would prepare the interpretative report.

3.2 SJ stated that topographic survey and drainage connectivity surveys were currently on-going and a subsequent CCTV survey would be designed based around the initial drainage survey results.

3.3 SJ stated that a detailed site investigation specification was being prepared and asked for any comments regarding the scope of works.

3.4 JT informed SJ that the EA don't normally provide detailed comments upon the adequacy of site investigations proposals as these may vary depending upon ground and groundwater conditions that are encountered during the works and that it will principally be the responsibility of the environmental consultant to ensure that they have obtained sufficient information to inform their report. It was agreed that a flexible approach to the investigation would be required that could respond to observed ground conditions and initial laboratory test results.

3.5 SB and JT stated that the scope of works broadly appeared to be suitable and no key omissions were readily identified.

3.6	SB/JT agreed that the Data Review and detailed scope of works / specification should be provided prior to further comments regarding the investigation design	SJ to provide
3.7	SB suggested that consultation with British Waterways should be undertaken at an early stage, prior to design of the constraints removal strategy	SJ to action
3.8	JT added that canal construction drawings should be obtained from BW if these are available to help inform decisions regarding the sensitivity of the canal.	SJ to action
3.9	JT stated that any drainage connections into the canal should be samples along with the sampling already proposed for the canal.	SJ to confirm
3.10	SB queried if any air quality / odour / noise baseline data was to be obtained or consultations with EHO commenced and advised that this may be of use, particularly with regard to possible complaints that may arise from adjacent land users during any periods of ground works. SJ stated that a PID will be used to monitor for release of volatiles and that field odour assessment can be incorporated into the WYG supervision brief.	
3.11	JT recommended an additional exploratory hole to target the in-filled canal arm where this extends onto the site.	SJ to confirm
4.	**AOB**	
4.1	SB queried if the existing abstractions boreholes had been considered as a possible future source of water supply for the development. SJ confirmed that due consideration to this would be made.	WYG
4.2	SJ asked in the EA held any further water quality data for the canal. JT confirmed that all such data is available via EA website which WYG have already consulted.	
4.3	SJ asked if EA had a view regarding the sensitivity of the Ashton Canal. JT indicated that further information regarding the canal construction and test data from any site discharge points would help inform this issue.	
4.4	SB queried who is assessing waste impacts.	SJ to confirm
4.5	SJ asked if any other consultees should be considered but none (other than aforementioned BW) were suggested.	
4.6	JT confirmed that all consultation to the EA should be made via Helen Telfer. Similarly SB confirmed that JR should be included in all planning / pre-application consultations to MCC and that he should be included in on all consultations relating to environmental matters.	
5.	**Site Visit**	
5.1	JT made apologies and had to leave for a prior engagement. SB, SR and SJ made a brief site visit.	
5.2	Two uncovered manhole chambers (estimated 4m drop) were observed adjacent to the main entrance near the HSBC Bank on Ashton New Road. The location of these were reported immediately to the CDM Coordinator for the project and to the client (via Marc Davies)	
5.3	Access could not be obtained to the site (new keys fit the lock but did not fully turn); however the majority of the site could be viewed from atop the former railway embankment in the northeast corner.	
5.4	SJ indicated the key observable site features and nature of some of the health and safety aspects to be addressed by the works.	
5.5	SB/SR stated that they would like to visit the site during the intrusive stage to observe the works and nature of ground encountered. Furthermore SB added that the council have some new personnel that may benefit from first hand experience of site investigation work.	

simon.johnson

From: Templeman, Jeni [jeni.templeman@environment-agency.gov.uk]
Sent: 22 September 2010 10:42
To: simon.johnson
Subject: RE: Openshaw West siteworks

Simon,

We would consider all three to be potential controlled waters receptors. However, if the body of evidence suggests that the canal adjacent to the site is leaking rather than receiving groundwater from the site then this of course would mean that it is not at risk of being impacted by contamination migrating from the site. This should from part of the source-pathway-receptor analysis for the site.
In regard to the Corn Brook and River Medlock, I don't have any further quality data in relation to these watercourses. These two would be theoretical controlled waters receptors but given their distance we would not really consider them to be credible receptors for contaminant migration from the site.

I hope this helps.

regards
Jeni

Jeni Templeman
Technical Specialist (Contaminated Land)
Groundwater and Contaminated Land Team, NW Region, South Area.

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Please consider the environment before printing this e-mail.

From: simon.johnson [mailto:simon.johnson@wyg.com]
Sent: 20 September 2010 16:12
To: Templeman, Jeni; Berends, Lindsey
Cc: Telfer, Helen
Subject: Openshaw West siteworks

Click here to report this email as spam.

Jeni / Lindsey

We are coming to the end of the site investigation works at the above site and are keen to progress with groundwater / surface water monitoring and commence the reporting works. I have been asked to liaise with yourselves to reach an agreement regarding the sensitivity of nearby surface water features. We note that there are the following water courses within 1km of the site:

- Ashton Canal - adjacent to eastern boundary, River Quality C in 2000, more recent data not available. The canal construction is not currently known (on-going liaison with British

Waterways but proving inconclusive so far). Water levels in the canal are higher than the site ground level and trial pits / boreholes near the canal did encounter a lot more water ingress then elsewhere on site so we have some suspicions that the canal may be leaking into the site rather than the site feeding the canal.

- Corn Brook – 1km south of site, River Quality C in 2000, more recent data not available. Corn Brook is culverted throughout the area and this may provide a degree of protection.

- River Medlock – 850m north of site, River Quality C in 2008, more recent data not available.

In view of the fact that Ashton Canal and Corn Brook have no recent available River Quality data we are keen to establish if these water courses are still regarded as controlled waters and if any more recent test data is available. Ultimately we would like to agree whether or not these watercourses should be regarded as either a non-sensitive, sensitive or highly sensitive controlled water.

I would be very grateful for any assistance or information you could provide. If you require any further information from me or have any queries then please do not hesitate to contact me on the numbers below.

Regards

Simon Johnson
Principal Consultant

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Winner Contract Journal Consultancy of the Year 2008
Winner Sustainable Energy Ireland Awards 2008
Winner ACEI Innovation Award 2008
Winner Sustainable City Award for Sustainable Building 2008

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MANCHESTER CITY COUNCIL

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Date: 17th August 2010

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Dear Danielle,

Re: Openshaw West, Manchester

I write in response to your letter of 2nd August 2010 regarding the Ground Contamination and Mining Hazard Review of the above development area. The Contaminated Land Section has reviewed its files and compared them to the list of site investigation reports you have supplied. We have no further additional contamination information with regard to the land within the boundary supplied by yourselves.

The Contaminated Land Section has reviewed the information supplied and is in agreement with the recommendations and proposals for further intrusive investigation to alleviate the number of significant data gaps and uncertainties present within the historical data reviewed to date.

Please do not hesitate to contact me if you require any clarification of the above.

Yours sincerely

Simon Rogers
Environmental Protection Specialist (Contaminated Land)

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