

Appendix H - Dangerous Goods Search



WorkCover NSW
92-100 Donnison Street, Gosford, NSW 2250
Locked Bag 2906, Lisarow, NSW 2252
T 02 4321 5000 F 02 4325 4145
WorkCover Assistance Service 13 10 50
DX 731 Sydney workcover.nsw.gov.au

Our Ref: D12/098225
Your Ref: Christine Kennelly

25 July 2012

Attention: Christine Kennelly
CDM Smith Australia
21 McLachlan St
Fortitude Valley NSW 4006

Dear Ms Kennelly,

RE SITE: Western Sydney Parklands Trust properties Rooty Hill

I refer to your site search request received by WorkCover NSW on 20 July 2012 requesting information on licences to keep dangerous goods for the above site.

A search of the Stored Chemical Information Database (SCID) and the microfiche records held by WorkCover NSW has not located any records pertaining to the above mentioned premises.

If you have any further queries please contact the Dangerous Goods Licensing Team on (02) 4321 5500.

Yours Sincerely

Brent Jones
Senior Licensing Officer
Dangerous Goods Team

Appendix I - Test Pit and Bore Logs

- Superlot 1
- Superlot 2
- Area A
- Area C
- Area X
- Area Y



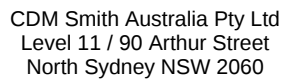
CDM Smith Australia Pty Ltd
Level 11 / 90 Arthur Street
North Sydney NSW 2060

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Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301420
Logged By: Ryan Stewart

Pit Number: TP1L1
Date: 13/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259545
Reviewed By: Charlotte Gidley

□□□□□□□□□□					M□□□□□□□□□□			MOISTURE	CONSISTENCY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG			
		TP1L1 □ 0.0□0.05		0.0	X	OL			VS/VL	No ACM O□□□□□□□
		TP1L1 □ 0.1□0.15		0.0		ML			SL	
		TP1L1 □ 0.45□0.55		0.0	X			H		
						OL		MS/ML		
	1	TP1L1 □ 0.95□1.05		0.0						1
Moisture D: Dry H: Humid M: Moist W: Wet Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)										

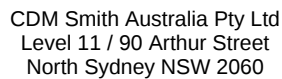


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301454
Logged By: Ryan Stewart

Pit Number: TP2L1
Date: 13/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259521
Reviewed By: Charlotte Gidley

[illegible]



Pit Number: TP4L1
Date: 13/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259488
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Moisture & Consistency		Observations	
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		TP4L1 @ 0.0:0.05		0.1	X			M @ 0.0-0.05m L @ 0.05-0.1m	M	S/L	No ACM Observed
		TP4L1 @ 0.1:0.15		0.0	X						
						OL		B @ 0.15-0.45m L @ 0.45-0.55m	H	M/M	
		TP4L1 @ 0.45:0.55		0.65							
		TP4L1 @ 0.55:0.65		0.0				0.6 @ 0.55-0.65m	M/M		
						CL		C @ 0.65-0.95m L @ 0.95-1.05m	H/M	MS/L	
	1	TP4L1 @ 0.95:1.05		0.0							
								P @ 0.0-0.1m B @ 0.1-0.2m r @ 0.2-0.3m M @ 0.3-0.4m r @ 0.4-0.5m			
1											

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 1 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301333

Logged By: Ryan Stewart

Pit Number: TP05L1

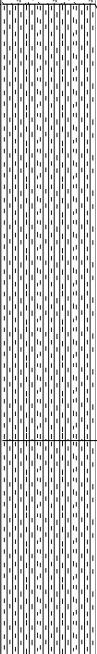
Date: 13/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259516

Reviewed By: Charlotte Gidley

Geotechnical Data Entry Form					MATERIALS						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		SP5L1 0 SP		0.0	X			S 0000 0000 C 00000000 0000 0000 0000 0000 0000 0000 00000000			
		TP05L1 0 0.0:0.05		0.0	X			C 0000000000 L 00000000 00000 00000000000000000000			
		TP05L1 0 0.1:0.15		0.0							
		TP05L1 0 0.45:0.55		0.0		OL					
	1	TP05L1 0 0.95:1.05		0.0				000000 C CLAY L 00000000 0000000000 0 00000 0000 00000000000000000000			
								0000 P 00000000 B 000000000000 r M 0000 r 0000			

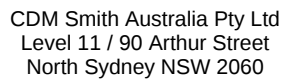
Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

Sheet: 1 of 1

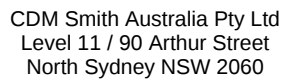


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301336
Logged By: Ryan Stewart

Pit Number: TP5L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259512
Reviewed By: Charlotte Gidley

Soil Profile Data Entry Form																																																						
M																																																						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS																																												
1		TP5L1 0.0:0.05			X	OL		0.00 B 0.0 0.000000 0.0 0.000000 0.0 0.0 0.0 0.000 0.2 0.00 0.0000 0.0000	0	H/L	No ACM Observed																																											
		TP5L1 0.1:0.15																																																				
		TP5L1 0.5:0.6			X	CL		CAY L 0.000000 0.0000 0.000 0.000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000	H	0 / 0																																												
		TP5L1 0.9:1.0				ML		C L 0.000000 0.0000 0.000 0.000 0.000000 0.0 0.000000 0.000000 0.000000 0.000000	MW	L/VS																																												
								0.00 P 0.00 B 0.000000 0.00 r 0.00 M 0.00 r																																														
Moisture D: Dry H: Humid M: Moist W: Wet											Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable											Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense											Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)											Sheet: 1 of 1										



Pit Number: TP6L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259490
Reviewed By: Charlotte Gidley

Soil Profile Data					M					
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP6L1 @ 0.0:0.05		0.3	X	OL		Light grey silty sand, loose, no cohesion, no plasticity, no structure.	Su/Mu	No ACM or other features observed.
		TP6L1 @ 0.1:0.15		0.3		ML		Light grey silty clay, medium dense, no cohesion, no plasticity, no structure.	VS/VL	
		TP6L1 @ 0.3:0.4		1.4	X	OL		Light grey silty sand, loose, no cohesion, no plasticity, no structure.	@ /H Mu /M	
		TP6L1 @ 0.5:0.6		0.3		CL		Light grey silty clay, medium dense, no cohesion, no plasticity, no structure.	H @ /@	
		TP6L1 @ 0.9:1.0		0.4						
								Light grey silty sand, loose, no cohesion, no plasticity, no structure.		

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

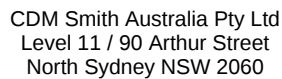
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1

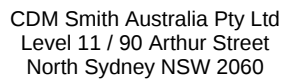


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301321
Logged By: Ryan Stewart

Pit Number: TP8L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259464
Reviewed By: Charlotte Gidley

[illegible]

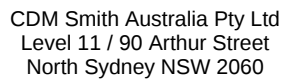


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301447
Logged By: Ryan Stewart

Pit Number: TP9L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259456
Reviewed By: Charlotte Gidley

[illegible]



Pit Number: TP10L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259434
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		Notes	
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP10L1 @ 0.0:0.05	0.7		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	0	S/L	No ACM or other
		TP10L1 @ 0.1:0.15	0.8		X			Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
					CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	S/L		
		TP10L1 @ 0.5:0.6	0.3				Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				
							Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				
		TP10L1 @ 0.9:1.0	0.3				Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				
						Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.					
1											

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

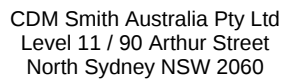
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

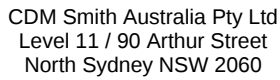
Sheet: 1 of 1



Pit Number: TP11L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259431
Reviewed By: Charlotte Gidley

Soil Profile					M			Moisture	Consistency	Density Index	Structure and Additional Observations
Water	Depth (m)	Sample ID	Sample Type	Field Test PID	Sample Analysed	USC Class	Graphic Log				
1		TP11L1 @ 0.0:0.05		0.4	X	OL		CAY B @ 0.05 to 0.10 m: 0.05 to 0.10 m: 0.10 to 0.15 m: 0.15 to 0.20 m: 0.20 to 0.25 m: 0.25 to 0.30 m: 0.30 to 0.35 m: 0.35 to 0.40 m: 0.40 to 0.45 m: 0.45 to 0.50 m: 0.50 to 0.55 m: 0.55 to 0.60 m: 0.60 to 0.65 m: 0.65 to 0.70 m: 0.70 to 0.75 m: 0.75 to 0.80 m: 0.80 to 0.85 m: 0.85 to 0.90 m: 0.90 to 0.95 m: 0.95 to 1.00 m: 1.00 to 1.05 m: 1.05 to 1.10 m: 1.10 to 1.15 m: 1.15 to 1.20 m: 1.20 to 1.25 m: 1.25 to 1.30 m: 1.30 to 1.35 m: 1.35 to 1.40 m: 1.40 to 1.45 m: 1.45 to 1.50 m: 1.50 to 1.55 m: 1.55 to 1.60 m: 1.60 to 1.65 m: 1.65 to 1.70 m: 1.70 to 1.75 m: 1.75 to 1.80 m: 1.80 to 1.85 m: 1.85 to 1.90 m: 1.90 to 1.95 m: 1.95 to 2.00 m: 2.00 to 2.05 m: 2.05 to 2.10 m: 2.10 to 2.15 m: 2.15 to 2.20 m: 2.20 to 2.25 m: 2.25 to 2.30 m: 2.30 to 2.35 m: 2.35 to 2.40 m: 2.40 to 2.45 m: 2.45 to 2.50 m: 2.50 to 2.55 m: 2.55 to 2.60 m: 2.60 to 2.65 m: 2.65 to 2.70 m: 2.70 to 2.75 m: 2.75 to 2.80 m: 2.80 to 2.85 m: 2.85 to 2.90 m: 2.90 to 2.95 m: 2.95 to 3.00 m: 3.00 to 3.05 m: 3.05 to 3.10 m: 3.10 to 3.15 m: 3.15 to 3.20 m: 3.20 to 3.25 m: 3.25 to 3.30 m: 3.30 to 3.35 m: 3.35 to 3.40 m: 3.40 to 3.45 m: 3.45 to 3.50 m: 3.50 to 3.55 m: 3.55 to 3.60 m: 3.60 to 3.65 m: 3.65 to 3.70 m: 3.70 to 3.75 m: 3.75 to 3.80 m: 3.80 to 3.85 m: 3.85 to 3.90 m: 3.90 to 3.95 m: 3.95 to 4.00 m: 4.00 to 4.05 m: 4.05 to 4.10 m: 4.10 to 4.15 m: 4.15 to 4.20 m: 4.20 to 4.25 m: 4.25 to 4.30 m: 4.30 to 4.35 m: 4.35 to 4.40 m: 4.40 to 4.45 m: 4.45 to 4.50 m: 4.50 to 4.55 m: 4.55 to 4.60 m: 4.60 to 4.65 m: 4.65 to 4.70 m: 4.70 to 4.75 m: 4.75 to 4.80 m: 4.80 to 4.85 m: 4.85 to 4.90 m: 4.90 to 4.95 m: 4.95 to 5.00 m: 5.00 to 5.05 m: 5.05 to 5.10 m: 5.10 to 5.15 m: 5.15 to 5.20 m: 5.20 to 5.25 m: 5.25 to 5.30 m: 5.30 to 5.35 m: 5.35 to 5.40 m: 5.40 to 5.45 m: 5.45 to 5.50 m: 5.50 to 5.55 m: 5.55 to 5.60 m: 5.60 to 5.65 m: 5.65 to 5.70 m: 5.70 to 5.75 m: 5.75 to 5.80 m: 5.80 to 5.85 m: 5.85 to 5.90 m: 5.90 to 5.95 m: 5.95 to 6.00 m: 6.00 to 6.05 m: 6.05 to 6.10 m: 6.10 to 6.15 m: 6.15 to 6.20 m: 6.20 to 6.25 m: 6.25 to 6.30 m: 6.30 to 6.35 m: 6.35 to 6.40 m: 6.40 to 6.45 m: 6.45 to 6.50 m: 6.50 to 6.55 m: 6.55 to 6.60 m: 6.60 to 6.65 m: 6.65 to 6.70 m: 6.70 to 6.75 m: 6.75 to 6.80 m: 6.80 to 6.85 m: 6.85 to 6.90 m: 6.90 to 6.95 m: 6.95 to 7.00 m: 7.00 to 7.05 m: 7.05 to 7.10 m: 7.10 to 7.15 m: 7.15 to 7.20 m: 7.20 to 7.25 m: 7.25 to 7.30 m: 7.30 to 7.35 m: 7.35 to 7.40 m: 7.40 to 7.45 m: 7.45 to 7.50 m: 7.50 to 7.55 m: 7.55 to 7.60 m: 7.60 to 7.65 m: 7.65 to 7.70 m: 7.70 to 7.75 m: 7.75 to 7.80 m: 7.80 to 7.85 m: 7.85 to 7.90 m: 7.90 to 7.95 m: 7.95 to 8.00 m: 8.00 to 8.05 m: 8.05 to 8.10 m: 8.10 to 8.15 m: 8.15 to 8.20 m: 8.20 to 8.25 m: 8.25 to 8.30 m: 8.30 to 8.35 m: 8.35 to 8.40 m: 8.40 to 8.45 m: 8.45 to 8.50 m: 8.50 to 8.55 m: 8.55 to 8.60 m: 8.60 to 8.65 m: 8.65 to 8.70 m: 8.70 to 8.75 m: 8.75 to 8.80 m: 8.80 to 8.85 m: 8.85 to 8.90 m: 8.90 to 8.95 m: 8.95 to 9.00 m: 9.00 to 9.05 m: 9.05 to 9.10 m: 9.10 to 9.15 m: 9.15 to 9.20 m: 9.20 to 9.25 m: 9.25 to 9.30 m: 9.30 to 9.35 m: 9.35 to 9.40 m: 9.40 to 9.45 m: 9.45 to 9.50 m: 9.50 to 9.55 m: 9.55 to 9.60 m: 9.60 to 9.65 m: 9.65 to 9.70 m: 9.70 to 9.75 m: 9.75 to 9.80 m: 9.80 to 9.85 m: 9.85 to 9.90 m: 9.90 to 9.95 m: 9.95 to 10.00 m: 10.00 to 10.05 m: 10.05 to 10.10 m: 10.10 to 10.15 m: 10.15 to 10.20 m: 10.20 to 10.25 m: 10.25 to 10.30 m: 10.30 to 10.35 m: 10.35 to 10.40 m: 10.40 to 10.45 m: 10.45 to 10.50 m: 10.50 to 10.55 m: 10.55 to 10.60 m: 10.60 to 10.65 m: 10.65 to 10.70 m: 10.70 to 10.75 m: 10.75 to 10.80 m: 10.80 to 10.85 m: 10.85 to 10.90 m: 10.90 to 10.95 m: 10.95 to 11.00 m: 11.00 to 11.05 m: 11.05 to 11.10 m: 11.10 to 11.15 m: 11.15 to 11.20 m: 11.20 to 11.25 m: 11.25 to 11.30 m: 11.30 to 11.35 m: 11.35 to 11.40 m: 11.40 to 11.45 m: 11.45 to 11.50 m: 11.50 to 11.55 m: 11.55 to 11.60 m: 11.60 to 11.65 m: 11.65 to 11.70 m: 11.70 to 11.75 m: 11.75 to 11.80 m: 11.80 to 11.85 m: 11.85 to 11.90 m: 11.90 to 11.95 m: 11.95 to 12.00 m: 12.00 to 12.05 m: 12.05 to 12.10 m: 12.10 to 12.15 m: 12.15 to 12.20 m: 12.20 to 12.25 m: 12.25 to 12.30 m: 12.30 to 12.35 m: 12.35 to 12.40 m: 12.40 to 12.45 m: 12.45 to 12.50 m: 12.50 to 12.55 m: 12.55 to 12.60 m: 12.60 to 12.65 m: 12.65 to 12.70 m: 12.70 to 12.75 m: 12.75 to 12.80 m: 12.80 to 12.85 m: 12.85 to 12.90 m: 12.90 to 12.95 m: 12.95 to 13.00 m: 13.00 to 13.05 m: 13.05 to 13.10 m: 13.10 to 13.15 m: 13.15 to 13.20 m: 13.20 to 13.25 m: 13.25 to 13.30 m: 13.30 to 13.35 m: 13.35 to 13.40 m: 13.40 to 13.45 m: 13.45 to 13.50 m: 13.50 to 13.55 m: 13.55 to 13.60 m: 13.60 to 13.65 m: 13.65 to 13.70 m: 13.70 to 13.75 m: 13.75 to 13.80 m: 13.80 to 13.85 m: 13.85 to 13.90 m: 13.90 to 13.95 m: 13.95 to 14.00 m: 14.00 to 14.05 m: 14.05 to 14.10 m: 14.			



Pit Number: TP12L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259420
Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301322

Logged By: Ryan Stewart

Pit Number: TP13L1

Date: 4/10/12

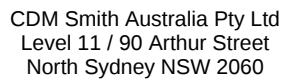
Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259621

Reviewed By: Charlotte Gidley

[illegible]

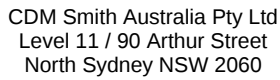


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301432
Logged By: Ryan Stewart

Pit Number: TP14L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259391
Reviewed By: Charlotte Gidley

Soil Profile Data Entry Form																																							
M																																							
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS																													
		TP14L1 @ 0.0:0.05			X	OL		B																															
		TP14L1 @ 0.1:0.15			X	ML		C B																															
								CAY L																															
		TP14L1 @ 0.5:0.6				CL		BGL																															
								G																															
		TP14L1 @ 0.9:1.0						P B r M r																															
Moisture D: Dry H: Humid M: Moist W: Wet										Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable										Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense										Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)									
Sheet: 1 of 1																																							



Pit Number: TP15L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259368
Reviewed By: Charlotte Gidley

Soil Profile Data Entry Form					M							
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS	
1		TP15L1 @ 0.0:0.05		0.3	X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	% / H	Md / Md	No ACM or other contaminants observed.	
		TP15L1 @ 0.1:0.15		0.8	X	GC		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				
		TP15L1 @ 0.5:0.6		0.8		CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	S		
		TP15L1 @ 0.9:1.0		0.5				Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				
1												

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

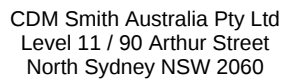
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1



Pit Number: TP16L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259361
Reviewed By: Charlotte Gidley

Soil Profile					M												
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS						
	1	TP16L1 @ 0.0:0.05		0.3	X	OL		□□□□ B□□□□□□□□□□□□□□□□ □□□□□ □□□□□C□AY B□□□□□□□□□□□□□□□□ 0.3 BGL□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□	□ /H	S/VL	Pe□□□□ACM O□□□□□□						
		TP16L1 @ 0.1:0.15		0.4			□□□□□C□AY B□□□□□□□□□□□□□□□□ 0.3 BGL□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□	L/S□									
					X	CL		C□AY B□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□	H	□ (V) /□							
		TP16L1 @ 0.5:0.6		0.4													
		□ A41□□□□ A42															
				TP16L1 @ 0.9:1.0		0.5			G□□□□□□□□□□□□□□□□ □□□□□□□□□□□□								
									□□□P□□□□B□□□□□□□□□r□M□□□r□□□								
Moisture D: Dry H: Humid M: Moist W: Wet												Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable		Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense		Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)	
Sheet: 1 of 1																	

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 1 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301412

Logged By: Ryan Stewart

Pit Number: TP17L1

Date: 26/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259356

Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		STRUCTURE AND ADDITIONAL OBSERVATIONS						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE		CONSISTENCY DENSITY INDEX					
1		TP17L1 @ 0.0:0.05		0.0	X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	S/L	No ACM or other					
		TP17L1 @ 0.1:0.15		0.0												
					X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H/M	VS/L						
		TP17L1 @ 0.5:0.6		0.1												
		TP17L1 @ 0.9:1.0		0.2												
1																

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 1 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301433

Logged By: Ryan Stewart

Pit Number: TP18L1

Date: 26/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259334

Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties			Soil Observations			
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY	DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS		
1		TP18L1 @ 0.0:0.05		0.2	X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	%	H	M	No ACM or other		
		TP18L1 @ 0.1:0.15		0.3				Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.						
					CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	%	H	S				
		TP18L1 @ 0.5:0.6		0.5			Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.							
							Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.							
		TP18L1 @ 0.9:1.0		0.7	X			Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.						

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 1 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301389

Logged By: Ryan Stewart

Pit Number: TP19L1

Date: 14/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259327

Reviewed By: Charlotte Gidley

						M					
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		TP19L1 A			X			B			
		TP19L1 B			X						
		TP19L1 C									
		TP19L1 0.0:0.05		0.2	X				H	M / L	
		TP19L1 0.1:0.15		0.1	X			L		MS / L	
		TP19L1 0.2:0.25		0.1		OL		CAY L			
		TP19L1 0.45:0.55		0.1				CAY L	H	S / V	P ACM O
		TP19L1 0.95:1.05		0.1							
								P B r M r			

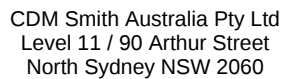
Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

Sheet: 1 of 1

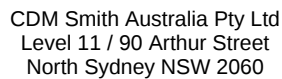


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301345
Logged By: Ryan Stewart

Pit Number: TP20L1
Date: 14/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259336
Reviewed By: Charlotte Gidley

[illegible]



Pit Number: TP21L1
Date: 25/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259317
Reviewed By: Charlotte Gidley

Soil Profile Data					Moisture Content			Consistency Index			Structure and Additional Observations			
Water	Depth (m)	Sample ID	Sample Type	Field Test PID	Sample Analysed	USC Class	Graphic Log	Description Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	Moisture	Consistency	Density Index	Structure and Additional Observations		
1		TP21L1 @ 0.0:0.05		0.4	X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H/M	S/L		No ACM or other		
		TP21L1 @ 0.1:0.15		0.2										
		TP22L1 @ 0.3:0.4		0.6	X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	M / M	/ S			
		TP21L1 @ 0.5:0.6		0.6										
	TP21L1 @ 0.9:1.0		0.7											
								Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.						
1														

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

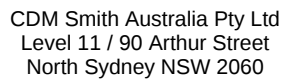
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301383
Logged By: Ryan Stewart

Pit Number: TP23L1
Date: 14/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259305
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		Notes	
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP23L1 @ 0.0:0.05	0.2		X			Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	1 / 1	No ACM or other
		A10 @ A11									
	TP23L1 @ 0.1:0.15	0.1									
						OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	S / 1	No ACM or other
	TP23L1 @ 0.45:0.55	0.1									
						CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	S / 1	No ACM or other
	TP23L1 @ 0.95:1.05	0.0					Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				
							Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

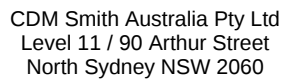
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1

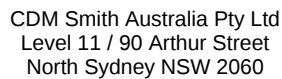


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301336
Logged By: Ryan Stewart

Pit Number: TP24L1
Date: 14/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259309
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		Notes	
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP24L1 @ 0.0:0.05		0.1	X	OL		B @ 0.0:0.05 m: CLAY (Silty clay, medium dense, weathered, brown, friable)	H	100%	P: 100% (Silty clay, medium dense, weathered, brown, friable)
		TP24L1 @ 0.1:0.15		0.1			L @ 0.1:0.15 m: CLAY (Silty clay, medium dense, weathered, brown, friable)				
		TP24L1 @ 0.45:0.55		0.1			L @ 0.45:0.55 m: CLAY (Silty clay, medium dense, weathered, brown, friable)	H	100%		
		TP24L1 @ 0.95:1.05		0.1	X		P @ 0.95:1.05 m: B (Silty clay, medium dense, weathered, brown, friable)			N: ACM O (Silty clay, medium dense, weathered, brown, friable)	
Moisture: D: Dry H: Humid M: Moist W: Wet Consistency Index: VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable Density Index: VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm) Sheet: 1 of 1											



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301387
Logged By: Ryan Stewart

Pit Number: TP26L1
Date: 14/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259295
Reviewed By: Charlotte Gidley

Soil Profile Data Entry Form					M																																																						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS																																																
1		TP26L1 @ 0.0@0.05		0.1	X	OL		Light grey to white, silty sand, medium to coarse, well sorted, no gravel, no clay, no silt, no organic matter, no roots, no stones, no shells, no fossils, no nodules, no concretions, no voids, no cracks, no fissures.	MS		G																																																
		TP26L1 @ 0.1@0.15		0.1	X																																																						
								Light grey to white, silty sand, medium to coarse, well sorted, no gravel, no clay, no silt, no organic matter, no roots, no stones, no shells, no fossils, no nodules, no concretions, no voids, no cracks, no fissures.																																																			
		TP26L1 @ 0.45@0.55		0.1																																																							
		TP26L1 @ 0.95@1.05		0.1				Reddish brown, silty sand, medium to coarse, well sorted, no gravel, no clay, no silt, no organic matter, no roots, no stones, no shells, no fossils, no nodules, no concretions, no voids, no cracks, no fissures.																																																			
							Light grey to white, silty sand, medium to coarse, well sorted, no gravel, no clay, no silt, no organic matter, no roots, no stones, no shells, no fossils, no nodules, no concretions, no voids, no cracks, no fissures.																																																				
Moisture D: Dry H: Humid M: Moist W: Wet												Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable												Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense												Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)												Sheet: 1 of 1											



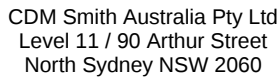
CDM Smith Australia Pty Ltd
Level 11 / 90 Arthur Street
North Sydney NSW 2060

□□□□P□□□□□□□□P□□□□

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301427
Logged By: Ryan Stewart

Pit Number: TP28L1
Date: 14/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259272
Reviewed By: Charlotte Gidley

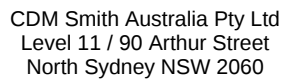
□□□□□□□□□□					SAMPLE ANALYSED	M□□□□□□□□□□			MOISTURE	CONSISTENCY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID		USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
		TP28L1 □ 0.0:0.05		0.4	X			□□□□ S□□□□ □ □□□ □□□□ □ □□□ □□□□ □□□□ □ □□□ □□□□ □□ □ □□□ □□□□ □□□□ □□ □□□□ □□□□ □□	H	VS□/□	P□□□□□□□□□□ ACM O□□□□□□□
		TP28L1 □ 0.1:0.15		0.0	X						
		TP28L1 □ 0.45:0.55		0.0							
1		TP28L1 □ 0.95:1.05		0.0				□□□□CLAY B□□□□ □ □□□□ □□□ □□□□□□□□ □ □□□□ □□□□ □ □□□□ □□□	H	VS□/□	1
		TP28L1 □ 1.2:1.3		0.0	X	OL					
		TP28L1 □ 1.4:1.5		0.0		CL		C□□□ R□□□□ □ □□□ □ □□□□ □□□□ □□ □ □□□□ □ □□□□ □□□	H	VS□/□	
								□□□P□□□□□□ B□□□□□□□□□r□M□□□r□□□			



Pit Number: TP29L1
Date: 27/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259253
Reviewed By: Charlotte Gidley

Soil Sampling and Analysis Report					M						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP29L1 @ 0.0:0.05		0.5	X			Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		L/H	Part of ACM O
		TP29L1 @ 0.1:0.15		0.3	X						
		TP29L1 @ 0.5:0.6		0.7	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	/H	L/H		
		TP29L1 @ 0.9:1.0		0.9							
Moisture D: Dry H: Humid M: Moist W: Wet Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)											
Sheet: 1 of 1											



Pit Number: TP31L1
Date: 26/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259236
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		Soil Observations	
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP31L1 @ 0.0:0.05	0.1		X			Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	0	H/L	No ACM or other
		TP31L1 @ 0.1:0.15	0.3								
		TP31L1 @ 0.5:0.6	0.6		X				H		
	TP31L1 @ 0.9:1.0	0.6			CL		CLAY	H	H/L		
	TP31L1 @ 1.4:1.5	1.3					Gravelly sand	L/VS			
2								Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

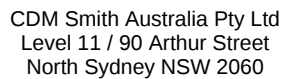
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1



Pit Number: TP32L1
Date: 27/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259224
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		Soil Observations	
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP32L1 @ 0.0:0.05	0.3		X			Silty sand, medium to coarse, well sorted, slightly overconsolidated. No gravel or cobbles. Moisture content 15-20%.	H/M	S/L	No ACM or other features observed.
		TP32L1 @ 0.10:0.15	0.3								
		TP32L1 @ 0.5:0.6	0.6		X		CLAY Loose to medium dense, silty clay, slightly overconsolidated. No gravel or cobbles. Moisture content 20-25%.	H	S/L		
		A49 @ A50									
	TP32L1 @ 0.9:1.0	0.5			CL						
	TP32L1 @ 1.4:1.5	0.5									
2											

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

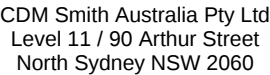
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1



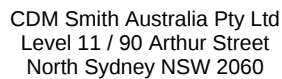
Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301404
Logged By: Ryan Stewart

Pit Number: TP33L1
Date: 27/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259214
Reviewed By: Charlotte Gidley

Soil Profile Data						General Information					
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		TP33L1 @ 0.0-0.05	0.4		X			M @ 0.0-0.05 m depth	@ /H	L/H	N: ACM O @ 0.0-0.05 m
		TP33L1 @ 0.1-0.15	0.6		X			0.5 BGL @ 0.1-0.15 m depth			
		@ A47 @ @ @ A48									
						CL		CAY B @ 0.1-0.15 m depth	H @ /VS		
		TP33L1 @ 0.5-0.6	0.9					G @ 0.5-0.6 m depth	H/M S@		
		TP33L1 @ 0.9-1.0	0.6					P @ 0.9-1.0 m depth	B @ 0.9-1.0 m depth	r M r	

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301427
Logged By: Ryan Stewart

Pit Number: SP1L1
Date: 27/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259220
Reviewed By: Charlotte Gidley

[illegible]

Moisture **Consistency Index**
D: Dry H: Humid **VS: Very Soft S: Soft St: Stiff V.St: Very Stiff**
M: Moist W: Wet **F: Firm H: Hard Fb: Friable**

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)



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Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301415
Logged By: Ryan Stewart

Pit Number: SP2L1a-b-c
Date: 27/9/12
Excavated By: CMS
Pit Dimensions: 1.2 m
Northing: 6259265
Reviewed By: Charlotte Gidley

□□□□□□□□□□					M□□□□□□□□□□							STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX		
								□□□□ S□□ □□□ □□ □ □□ □□ □□ □□ □ □ □ □ □□□□ □ □ □□ □ □□□ □ □□□ □ □□ □ □□ □□ □ □□ □ □□ □ □□□ □□ □□ □ □ □ □□ □			No ACM O□□□□□□	
		SP2L1□ □ 0.4:0.5		0.5	X							
		SP2L1□ □ 0.4:0.5		0.4	X							
		SP2L1□ □ 0.4:0.5		0.8	X							
	1											1
		SP2L1□ □ 1.8:1.9		1.4				CLAY B□□ □ □ □□ □ □□ □ □□ □□ □ □ □ □□□ □□ □□ □□ □ □ □□ □			H VS/M	
	2					CL		G□□ □ □□ □□ □ □□ □ □□ □ □ □□□ □ □□□ □ □ □□ □□ □□ □ □ □□ □□ □□ □ □ □ □ □ □				
		SP2L1□ □ 2.4:2.5		1.0				□□□P□□□□B□□□□□□□□r□M□□r□□				
	3											3
Moisture D: Dry H: Humid M: Moist W: Wet Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)												



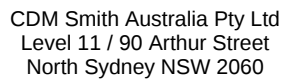
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North Sydney NSW 2060

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Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301427
Logged By: Ryan Stewart

Pit Number: SP3L1
Date: 27/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259220
Reviewed By: Charlotte Gidley

□□□□□□□□□□					SAMPLE ANALYSED	M□□□□□□□□□□			MOISTURE	CONSISTENCY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID		USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
					X			□□□□ W□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□			P□□□□□□□□□□□□□□□□ ACM O□□□□□□□□
		SP3L1 □ 0.5/0.6		0.8				□□□P□□□□□B□□□□□□□□□□□□ C□□r□□r□□□□□□□□□□d□□□□□□□□□□ □r□□□□□			



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301427
Logged By: Ryan Stewart

Pit Number: SP4L1
Date: 27/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259220
Reviewed By: Charlotte Gidley

[illegible]



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□□□□P□□□□□□□□P□□□□

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301432
Logged By: Ryan Stewart

Pit Number: SP5L1a-b-c
Date: 27/9/12
Excavated By: CMS
Pit Dimensions: 1.2 m
Northing: 6259262
Reviewed By: Charlotte Gidley

□ □ □ □ □ □ □ □ □ □					M □ □ □ □ □ □ □ □ □ □							STRUCTURE AND ADDITIONAL OBSERVATIONS		
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX				
					X			□ □ □ □ B □	□ / H	L / H	P □ □ □ □ □ ACM □ □ □ □ □ □ □ □			
		SP5L1 □ □ 0.3:0.4		0.6		X								
		SP5L1 □ □ 0.4:0.5		0.3		X								
		SP5L1 □ □ 0.4:0.5		0.5		X	CL		CLAY B □			S / L		
		SP5L1 □ □ 0.9:1.0		0.5										
	1								H					

Moisture D: Dry H: Humid M: Moist W: Wet	Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable	Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense	Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)
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Sheet: 1 of 1



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□□□□P□□□□□□□□P□□□□

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301399
Logged By: Ryan Stewart

Pit Number: SP6L1
Date: 27/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259305
Reviewed By: Charlotte Gidley

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □					M □ □ □ □ □ □ □ □ □ □ □ □ □ □			MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG			
		SP6L1 □ 0.0:0.05		0.5	X			□ □ □ □ O □		



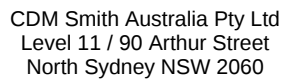
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Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301448
Logged By: Ryan Stewart

Pit Number: SP7L1
Date: 27/9/12
Excavated By: CMS
Pit Dimensions: 0.5 m
Northing: 6259420
Reviewed By: Charlotte Gidley

□□□□□□□□□□						M□□□□□□□□□□					
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		SP7L1 □ 0.0□0.05		0.8	X			□□□□ □ □ □□ □□□ □ □□□□ □□ □□ □□ □□ □ □□ □□□□ □ □□□□□ □□ □ □□□□ □ □□□□ □ □□ □□ □□ □□□□ □ □□ □□□□□	H	L/□	No ACM O□□□□□
		□ A53 □□□ □ A54									
						CL		CLAY L□ □□□□□ □ □□□ □ □□ □□□□ □ □□□□ □ □ □ □□□□	H	S□/□	
		SP7L1 □ 0.5□0.6		0.8				□□ B□□□□□ B□ □□□□□□□□□□ r□ M□□□□□			
1											1



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301399
Logged By: Ryan Stewart

Pit Number: SP8L1
Date: 27/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259305
Reviewed By: Charlotte Gidley

[illegible]

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)



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North Sydney NSW 2060

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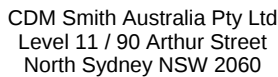
Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301389
Logged By: Ryan Stewart

Pit Number: SP9L1
Date: 27/9/12
Excavated By: CMS
Pit Dimensions: 0.5 m
Northing: 6259344
Reviewed By: Charlotte Gidley

□□□□□□□□□□					SAMPLE ANALYSED	M□□□□□□□□□□			MOISTURE	CONSISTENCY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID		USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
		SP9L1 □ 0.0□0.05		0.2	X			□□□□ □ □ □ □□□□ □ W□ □□□	□ /H	L/S	
						CL		C□AY B□□ □ □ □□ □ □□ □ □□ □ □ □□□ □	H	□ /L	
		SP9L1 □ 0.5□0.6		0.2	X			□□ □P□□□□ B □ □□□□□□ □□r□ M □□r□□□			
1											1

Moisture D: Dry H: Humid M: Moist W: Wet	Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable	Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense	Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)
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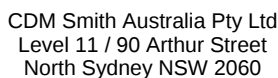
Sheet: 1 of 1



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: -

Borehole Number: BH3L1a
Date: 18/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: -

					M						
DEPTH (m)	WELL CONSTRUCTION	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
						OL					



Borehole Number: BH7L1
Date: 18/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northings: 6259476

□ □ □ □ □ □ □ □ □ □					M □ □ □ □ □ □ □ □ □ □				MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
DEPTH (m)	WELL CONSTRUCTION	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
8		BH7L1 7.5 7.6		0.1				Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	W	VS	G □



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North Sydney NSW 2060

M P

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 1 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301361

Borehole Number: BH30L1
Date: 18/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6259253

DEPTH (m)					M				MOISTURE	CONSISTENCY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
DEPTH (m)	WELL CONSTRUCTION	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
		BH30L1 0.0 0.05		0.0	X			S			No ACM Observed
		BH30L1 0.1 0.15		0.0							
		BH30L1 0.5 0.6		0.0	X	OL		B	H/M	S	
1											
		BH30L1 1.0 1.1		0.0							
		BH30L1 1.5 1.6		0.0							
2		BH30L1 2.0 2.1		0.0		CL		G	H	S	
		BH30L1 2.5 2.6		0.0							
3		BH30L1 3.0 3.1		0.0							
				0.0							

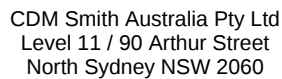
Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

Sheet: 1 of 3



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 2 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301318
Logged By: Ryan Stewart

Pit Number: TP3L2
Date: 4/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259561
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		Notes	
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP3L2 @ 0.0:0.05		0.8	X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	W	S/L	No ACM or other features
		TP3L2 @ 0.1:0.15		0.7	X						
		TP3L2 @ 0.5:0.6		0.5					H/M		
		TP3L2 @ 0.9:1.0		0.4							
1											

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

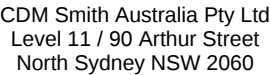
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1



Pit Number: TP4L2
Date: 4/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259553
Reviewed By: Charlotte Gidley

Soil Test Results					Soil Classification			Soil Properties			Soil Observations		
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS		
1		TP4L2 0.0:0.05	0.3		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	W	S/L	N: ACM O		
		TP4L2 0.1:0.15	1.1										
		TP4L2 0.5:0.6	0.8		X				M	/S			
		TP4L2 0.9:1.0	0.7						H	/			
								Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.					

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301243

Logged By: Ryan Stewart

Pit Number: TP5L2

Date: 4/10/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259576

Reviewed By: Charlotte Gidley

[illegible]

Moisture

D: Dry H: Humid
M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)
Parts per million (ppm)

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301267

Logged By: Ryan Stewart

Pit Number: TP6L2

Date: 4/10/12

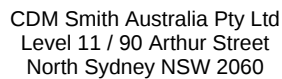
Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259580

Reviewed By: Charlotte Gidley

[illegible]

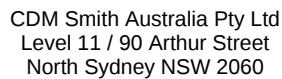


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 2 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301353
Logged By: Ryan Stewart

Pit Number: TP7L2
Date: 4/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259625
Reviewed By: Charlotte Gidley

[illegible]

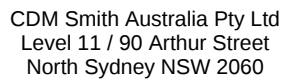


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 2 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301356
Logged By: Ryan Stewart

Pit Number: TP8L2
Date: 4/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259593
Reviewed By: Charlotte Gidley

TP8L2 0.0:0.05					TP8L2 0.1:0.15					TP8L2 0.5:0.6					TP8L2 0.9:1.0				
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS								
		TP8L2 0.0:0.05		0.2	X	OL		Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0	No ACM Observed								
		TP8L2 0.1:0.15		0.3			Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0										
							Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0										
		TP8L2 0.5:0.6		0.3			Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0										
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
		TP8L2 0.9:1.0		0.2	X			Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0% (M) Consistency: 0.0 (M) Density Index: 0.0 (M)	10.0	0.0									
								Moisture: 10.0											

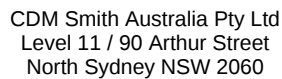


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 2 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301362
Logged By: Ryan Stewart

Pit Number: TP9L2
Date: 4/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259610
Reviewed By: Charlotte Gidley

Soil Profile Data					Moisture Content (%)						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
	1	TP9L2 @ 0.0:0.05	0.4		X	OL		Soil profile description: ...	W	S/L	No ACM Observed
		TP9L2 @ 0.1:0.15	0.0								
		TP9L2 @ 0.5:0.6	0.2		X			M	@		
		TP9L2 @ 0.9:1.0	0.1					S/L			
1											
Moisture Consistency Index Density Index Description based on Unified Soil Classification system. D: Dry H: Humid VS: Very Soft S: Soft St: Stiff V.St: Very Stiff VL: Very Loose D: Dense Photo Ionisation Detector (PID) M: Moist W: Wet F: Firm H: Hard Fb: Friable L: Loose VD: Very Dense Parts per million (ppm) MD: Medium Dense											
Sheet: 1 of 1											



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 2 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301322
Logged By: Ryan Stewart

Pit Number: TP10L2
Date: 4/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259621
Reviewed By: Charlotte Gidley

Soil Investigation Report																																							
General Information					Soil Profile Data																																		
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS																													
1		TP10L2 @ 0.0:0.05		0.7	X	OL		Light grey, silty sand, medium dense, slightly weathered.	10 / 1	No ACM or other contaminants detected.																													
		TP10L2 @ 0.1:0.15		0.8	X			Light grey, silty sand, medium dense, slightly weathered.	VS / 1																														
						CL		Light grey, silty clay, medium dense, slightly weathered.	VS / 1																														
		TP10L2 @ 0.5:0.6		0.4				Light grey, silty clay, medium dense, slightly weathered.	S / 1																														
								Light grey, silty clay, medium dense, slightly weathered.	10 / H S / 1																														
		TP10L2 @ 0.9:1.0		0.2				Light grey, silty clay, medium dense, slightly weathered.																															
1																																							
Moisture D: Dry H: Humid M: Moist W: Wet										Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable										Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense										Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)									
Sheet: 1 of 1																																							

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301224

Logged By: Ryan Stewart

Pit Number: TP11L2

Date: 4/10/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259588

Reviewed By: Charlotte Gidley

Soil Profile					M						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
	1	TP11L2 @ 0.0:0.05		0.4	X	OL		B @ 0.0 to 0.05 m: Sand, silty, medium dense, weathered, plasticity, colour, other components.	S/L	VS/VL	B @ 0.0 to 0.15 m: Silty sand, medium dense, weathered, plasticity, colour, other components. 0.0:0.15m
		TP11L2 @ 0.1:0.15		0.4							
					X	CL		CAY B @ 0.15 to 0.5 m: Clay, silty, medium dense, weathered, plasticity, colour, other components.	/H S/W	N: ACM O @ 0.5 to 0.6 m	
		TP11L2 @ 0.5:0.6	0.3								
		TP11L2 @ 0.9:1.0		0.4			P @ 0.9 to 1.0 m: Peat, silty, medium dense, weathered, plasticity, colour, other components.				

Moisture

D: Dry H: Humid
M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

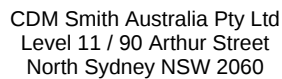
Density Index

VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)
Parts per million (ppm)

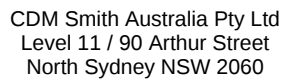
Sheet: 1 of 1



Pit Number: TP13L2
Date: 4/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259627
Reviewed By: Charlotte Gidley

Soil Profile					M			Moisture	Consistency Index	Structure and Additional Observations			
Water	Depth (m)	Sample ID	Sample Type	Field Test PID	Sample Analysed	USC Class	Graphic Log				Description Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		
1		TP13L2 @ 0.0:0.05	4.9		X			 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	S/L	No ACM Observed			
		TP13L2 @ 0.1:0.15	2.1		X			OL				 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	
						CL			 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				
		TP13L2 @ 0.5:0.6	0.9						CL				 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.
													CL
		TP13L2 @ 0.9:1.0	0.8					 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.					
								 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.					
Sheet: 1 of 1													



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 2 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301217
Logged By: Ryan Stewart

Pit Number: TP14L2
Date: 8/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259631
Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301228

Logged By: Ryan Stewart

Pit Number: TP15L2

Date: 8/10/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259635

Reviewed By: Charlotte Gidley

Soil Profile					M			Moisture	Consistency	Density Index	Structure and Additional Observations
Water	Depth (m)	Sample ID	Sample Type	Field Test PID	Sample Analysed	USC Class	Graphic Log				
1		TP15L2 @ 0.0:0.05		0.5	X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	S/L		No ACM Observed
		TP15L2 @ 0.1:0.15		0.4							
					CL						
		TP15L2 @ 0.5:0.6		0.1							
		TP15L2 @ 0.6:0.7		0.1							
		TP15L2 @ 0.9:1.0		0.1							
				X							
Moisture Consistency Index Density Index Description based on Unified Soil Classification system. D: Dry H: Humid VS: Very Soft S: Soft St: Stiff V.St: Very Stiff VL: Very Loose D: Dense Photo Ionisation Detector (PID) M: Moist W: Wet F: Firm H: Hard Fb: Friable L: Loose VD: Very Dense Parts per million (ppm) MD: Medium Dense											
Sheet: 1 of 1											

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301290

Logged By: Ryan Stewart

Pit Number: TP16L2

Date: 3/10/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259664

Reviewed By: Charlotte Gidley

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301226

Logged By: Ryan Stewart

Pit Number: TP18L2

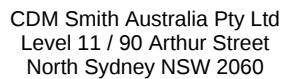
Date: 8/10/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northings: 6259678

Reviewed By: Charlotte Gidley



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 2 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301348
Logged By: Ryan Stewart

Pit Number: TP19L2
Date: 3/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259705
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		Notes	
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP19L2 @ 0.0:0.05	0.7		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		S/M	No ACM or other
		TP19L2 @ 0.1:0.15	0.5					Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
		TP19L2 @ 0.5:0.6	0.6		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H		
								Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
		TP19L2 @ 0.9:1.0	0.5					Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
							Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301285

Logged By: Ryan Stewart

Pit Number: TP21L2

Date: 3/10/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259716

Reviewed By: Charlotte Gidley



CDM Smith Australia Pty Ltd
Level 11 / 90 Arthur Street
North Sydney NSW 2060

□□□□P□□□□□□□□P□□□□

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 2 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301184
Logged By: Ryan Stewart

Pit Number: TP22L2
Date: 8/10/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259691
Reviewed By: Charlotte Gidley

□□□□□□□□□□						M□□□□□□□□□□					
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		TP22L2 □ 0.0□0.05		0.2	X			□□□□ G□□ □□ □□ □□□□ □□□□ □□ □□ □□ □□ □□ □□□□ □□ □□□□ □□□□ □□□□			P□□□□□□□□□□□□□□□□□□□□ 0.0□□□ 0.15□ BGL
		TP22L2 □ 0.1□0.15		0.1	X					VS□/□	
		TP22L2 □ 0.4 □ 0.5		0.0		OL		□□□□CLAY □ □□ □□□ □□ □□□□ □□□□ □□ □□ □□ □ □□□□ □□□□ □□ □□□□ □□ □□ □□□□ □□ □□ □□□□ □□ □□□□		S□/□	
		TP22L2 □ 0.5□0.6		0.1		CL		CLAY B□□ □□□□ □□ □□□□ □□□□ □□ □□□□ □□ □□ □□□ □□ □□□ □□ □□□□ □□□□ □□□□ □□ □□ □□□□□□□□ □□□□□		□/H VS□/□	
		TP22L2 □ 0.9□1.0		0.1				G□□ □□□□ □□ □□ □□ □□ □□□□ □□ □□ □□□□ □□ □□□□ □□ □□□□ □□ □□ □□ □□ □□ □□□	H	S□/□	
	1							□□□P□□□□□B□□□□□□□□□□r□□M□□□r□□□□			1
Moisture D: Dry H: Humid M: Moist W: Wet Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)											

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301233

Logged By: Ryan Stewart

Pit Number: TP23L2

Date: 8/10/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259713

Reviewed By: Charlotte Gidley

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301322

Logged By: Ryan Stewart

Pit Number: TP27L2

Date: 3/10/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259621

Reviewed By: Charlotte Gidley

M											
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP27L2 0.0:0.05	0.5		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	S/L	No ACM or other
		A55 A56									
		TP27L2 0.1:0.15	0.4		X						
					CH		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	S/L		
		TP27L2 0.5:0.6	0.4						Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	
						Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.					
		TP27L2 0.9:1.0	0.4				Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	S/L	No ACM or other	
							Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301252

Logged By: Ryan Stewart

Pit Number: TP29L2

Date: 3/10/12

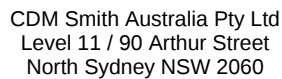
Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259761

Reviewed By: Charlotte Gidley

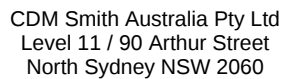
[illegible]



Pit Number: TP30L2
Date: 3/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259777
Reviewed By: Charlotte Gidley

[illegible]



Pit Number: TP31L2
Date: 08/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259773
Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot 2 - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301221

Logged By: Ryan Stewart

Pit Number: TP33L2

Date: 08/10/12

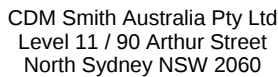
Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259746

Reviewed By: Charlotte Gidley

[illegible]



Borehole Number: BH17L2
Date: 17/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6259655

								M			
DEPTH (m)	WELL CONSTRUCTION	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		BH17L2 0.0 0.05		S	X	OL		C B			
		BH17L2 0.1 0.15		0				B			
								B			
		BH17L2 0.5 0.6		0.0	X			CAY G			N ACM O
								G			
1		BH17L2 1.0 1.1		0.0		CL		G			
								G			
		BH17L2 1.5 1.6		0.0				G			
								G W			
2		BH17L2 2.0 2.1		0.0				A W			
								W			
		BH17L2 2.5 2.6		0.0				W			
								W 2.7 BGL			
								W 2.7 BGL			
3		BH17L2 3.0 3.1		0.0					H		3.0 BGL P 3

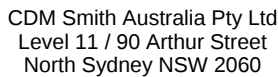
Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

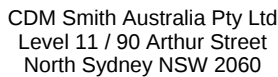
Sheet: 1 of 3



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 2 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301335

Borehole Number: BH20L2
Date: 17/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6259728

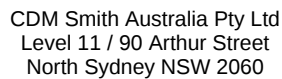
[illegible]



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot 2 - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301335

Borehole Number: BH20L2
Date: 17/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6259728

[illegible]



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301375
Logged By: Ryan Stewart

Pit Number: TP01A
Date: 10/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259574
Reviewed By: Charlotte Gidley

Soil Profile					M				STRUCTURE AND ADDITIONAL OBSERVATIONS			
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	CONSISTENCY DENSITY INDEX	
1		TP01A @ 0.0:0.05		0.0	X	CL		CLAY B	H	S	No ACM	
		TP01A @ 0.1:0.15		0.0	X							
		TP01A @ 0.45:0.55		0.0								
		TP01A @ 0.9:1.0		0.0				P B r M r				

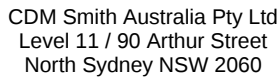
Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

Sheet: 1 of 1



Pit Number: TP02A
Date: 10/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259538
Reviewed By: Charlotte Gidley

						M					
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		TP02A @ 0.0:0.05		0.0	X			CAY B 	H	S/M	
		TP02A @ 0.1:0.15		0.0	X	OL		B 			
		TP02A @ 0.45:0.55		0.0				CAY L 	S/M		N: ACM O
						CL			M		
		TP02A @ 0.9:1.0		0.0					S/M		
1								P B r M r			

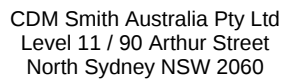
Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

Sheet: 1 of 1



Pit Number: TP12A
Date: 10/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259652
Reviewed By: Charlotte Gidley

Soil Profile Data Entry Form										
WATER		DEPTH (m)		SAMPLE ID		SAMPLE TYPE		FIELD TEST PID		
SAMPLE ANALYSED		USC CLASS		GRAPHIC LOG		DESCRIPTION		MOISTURE		
STRUCTURE AND ADDITIONAL OBSERVATIONS		CONSISTENCY INDEX		DENSITY INDEX		STRUCTURE AND ADDITIONAL OBSERVATIONS				
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.1:0.15		0.0							CONSISTENCY INDEX	
TP12A 0.45:0.55		0.0		X	CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		MOISTURE	
TP12A 0.95:1.05		0.0							CONSISTENCY INDEX	
TP12A 0.0:0.05		0.0		X	OL					

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot C - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301463

Logged By: Ryan Stewart

Pit Number: TP25C

Date: 09/10/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259769

Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		Notes		
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS	
1		TP25 C 0.0.0.05		0.2	X			Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		S/L	No ACM or other	
		TP25 C 0.1.0.15		0.1	X							
		A71										
		TP25 C 0.25.0.35		0.1		OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		/		
		TP25 C 0.5.0.6		0.1						H		S/L
		TP25 C 0.9.1.0		0.1				H	S/L			
1												

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot C - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301370
Logged By: Ryan Stewart

Pit Number: TP26C
Date: 09/10/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259783
Reviewed By: Charlotte Gidley

					M					MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.				
1		TP26 C 0:0.05		0.1	X					Su/	No ACM O	
		TP26 C 0.1:0.15		0.1		OL		B				
		TP26 C 0.5:0.6		0.0								
							CL		CAY B			
										H	M/ /M/	
		TP26 C 0.9:1.0		0.1				P B rM r				

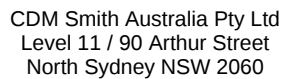
Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil
Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

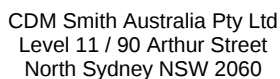
Sheet: 1 of 1



Pit Number: TP35C
Date: 09/10/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259796
Reviewed By: Charlotte Gidley

[illegible]



Pit Number: TP36C
Date: 09/10/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259813
Reviewed By: Charlotte Gidley

[illegible]



CDM Smith Australia Pty Ltd
Level 11 / 90 Arthur Street
North Sydney NSW 2060

□□□□P□□□□□□□□P□□□□

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301564.3
Logged By: Ryan Stewart

Pit Number: TP1X
Date: 20/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260195.9
Reviewed By: Charlotte Gidley

□ □ □ □ □ □ □ □ □ □					M □ □ □ □ □ □ □ □ □ □							STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX		
1		TP1X □ 0.0:0.05		0.2	X	OL		□ □	H	L	No ACM O □ □ □ □ □ □ □ □	
		TP1X □ 0.1:0.15		0.3				C □ □ □ □ □ □ □ □ □ □ B □	H/M	L		
		TP1X □ 0.5:0.6		0.6	X	CL		C □ AY B □ 1.0 □ BGL □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	H	□ / □		
		TP1X □ 0.9:1.0		0.4								
								□ □ □ P □ □ □ □ □ B □ □ □ □ □ □ □ □ □ r □ M □ □ □ r □ □ □ □				
Moisture D: Dry H: Humid M: Moist W: Wet Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)												
Sheet: 1 of 1												

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301572

Logged By: Ryan Stewart

Pit Number: TP2X

Date: 20/9/12

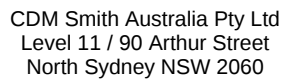
Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6260181

Reviewed By: Charlotte Gidley

Soil Profile					M			Moisture	Consistency Index	Structure and Additional Observations						
Water	Depth (m)	Sample ID	Sample Type	Field Test PID	Sample Analysed	USC Class	Graphic Log				Description Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.					
1		TP2X 0.0:0.05	0.1		X	OL			M/W	No ACM or other features observed.						
					X				L/S							
		TP2X 0.1:0.15	0.8			CL			M							
									L / S							
		TP2X 0.5:0.6	0.9						H/M							
									VS/L							
	TP2X 0.9:1.0	0.7														
Moisture D: Dry H: Humid M: Moist W: Wet											Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable		Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense		Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)	
Sheet: 1 of 1																



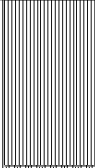
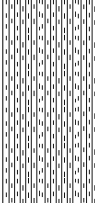
Pit Number: TP5X
Date: 20/9/12

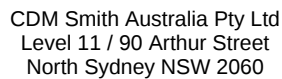
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260158
Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301510
Logged By: Ryan Stewart

Pit Number: TP6X
Date: 20/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260161
Reviewed By: Charlotte Gidley

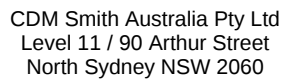
□ □ □ □ □ □ □ □ □ □					M □ □ □ □ □ □ □ □ □ □							STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX		
1		TP6X □ 0.0:0.05		0.5	X	OL		□ □	□ /H	M□		
								C □ □ □ □ □ □ □ □ B □		L/S		
		TP6X □ 0.1:0.15		0.6								
					X	CL		C □ AY B □	H	□ /□		
		TP6X □ 0.5:0.6		0.6								
			TP6X □ 0.9:1.0		0.4				G □			V□ /H
		A□ C21□□□□ A□ C2□					□ □ □ P □ □ □ □ B □ □ □ □ □ □ □ □ □ □ r □ M □ □ □ □ r □ □ □					



Pit Number: TP7X
Date: 20/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260149
Reviewed By: Charlotte Gidley

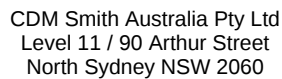
[illegible]



Pit Number: TP8X
Date: 21/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260118
Reviewed By: Charlotte Gidley

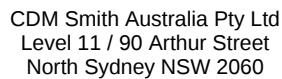
[illegible]



Pit Number: TP9X
Date: 20/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260134
Reviewed By: Charlotte Gidley

[illegible]

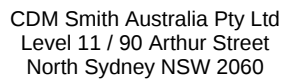


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301450
Logged By: Ryan Stewart

Pit Number: TP10X
Date: 21/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260130
Reviewed By: Charlotte Gidley

Soil Investigation Report									
WATER		DEPTH (m)		SAMPLE ID		SAMPLE TYPE		FIELD TEST PID	
SAMPLE ANALYSED		USC CLASS		GRAPHIC LOG		DESCRIPTION		MOISTURE	
STRUCTURE AND ADDITIONAL OBSERVATIONS		CONSISTENCY		DENSITY INDEX					
X		OL				B 0.2 BGL		/H /	
X		CL				C A L		H S	
						C AY G			
						P B r M r			



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301422
Logged By: Ryan Stewart

Pit Number: TP11X
Date: 21/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260106
Reviewed By: Charlotte Gidley

Soil Profile					Soil Test Results					Soil Classification				
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS			
1		TP11X 0.0:0.05	0.4		X			B Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	0 / H	L	Partially ACM O			
		A23												
		TP11X 0.1:0.15	0.4		X	CL		CAY R Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	0 /	H/M				
		TP11X 0.5:0.6	0.8											
	TP11X 0.9:1.0	1.0					G Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.							
							P B r M r							

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1



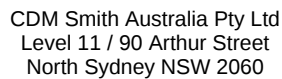
CDM Smith Australia Pty Ltd
Level 11 / 90 Arthur Street
North Sydney NSW 2060

□□□□P□□□□□□□□P□□□□

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301417
Logged By: Ryan Stewart

Pit Number: TP12X
Date: 21/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260078
Reviewed By: Charlotte Gidley

					M					MOISTURE	CONSISTENCY	DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.					
1		TP12X 0.0:0.05		0.1	X	OL						No ACM O	
		TP12X 0.1:0.15		0.2	X								
						CL		CLAY B					
								0.5 BGL					
								0.7 BGL					
	TP12X 0.5:0.6			0.2									

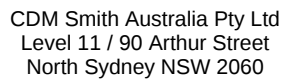


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301541
Logged By: Ryan Stewart

Pit Number: TP13X
Date: 20/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260098
Reviewed By: Charlotte Gidley

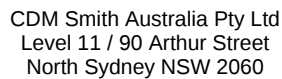
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Pit Number: TP14X
Date: 21/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260095
Reviewed By: Charlotte Gidley

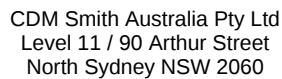
Soil Profile					M							
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS	
1		TP14X : 0.0:0.05	0.2		X	OL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. TP14X : 0.0:0.05 0.2 OL Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	/H	/I	No ACM Observed	
					X	ML		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. TP14X : 0.1:0.15 0.3 ML Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MS			
		TP14X : 0.1:0.15	0.3									Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. TP14X : 0.1:0.15 0.3 ML Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.
						CL		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. TP14X : 0.5:0.6 0.3 CL Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	S		
									Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. TP14X : 0.5:0.6 0.3 CL Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H/M		S/M
									Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. TP14X : 0.9:1.0 0.4 CL Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
									Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. TP14X : 0.9:1.0 0.4 CL Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
Moisture Consistency Index Density Index Description based on Unified Soil Classification system. D: Dry H: Humid VS: Very Soft S: Soft St: Stiff V.St: Very Stiff VL: Very Loose D: Dense Photo Ionisation Detector (PID) M: Moist W: Wet F: Firm H: Hard Fb: Friable L: Loose VD: Very Dense Parts per million (ppm) MD: Medium Dense												
Sheet: 1 of 1												



Pit Number: TP15X
Date: 21/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260071
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		Notes								
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS							
1		TP15X @ 0.0:0.05	0.5		X			Gravelly sand, medium to coarse grading, well sorted, no clay or silt fines. Moisture content 12%, consistency index 0.5.	12 % / H	L	Partially decomposed ACM O							
		TP15X @ 0.1:0.15	0.6		X	CL		Clayey sand, medium to coarse grading, well sorted, no clay or silt fines. Moisture content 12%, consistency index 0.6. BGL 0.7.	H	VS								
		TP15X @ 0.5:0.6	0.8															
	TP15X @ 0.9:1.0	0.8					Clayey sand, medium to coarse grading, well sorted, no clay or silt fines. Moisture content 12%, consistency index 0.8. BGL 0.7.	H/M	L									
								Partially decomposed ACM O										
Moisture D: Dry H: Humid M: Moist W: Wet												Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable		Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense		Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)		Sheet: 1 of 1

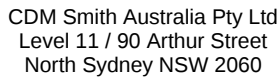


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301527
Logged By: Ryan Stewart

Pit Number: TP16X
Date: 21/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260056
Reviewed By: Charlotte Gidley

Soil Profile Data Entry Form																																											
General Information					Soil Analysis and Classification																																						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS																																	
1		TP16X 0.0:0.05	0.2		X	OL		B Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	/H /I	No ACM or other features																																	
		Ai C25			X																																						
		TP16X 0.1:0.15	0.3																																								
		TP16X 0.5:0.6	0.3		CL		CAY L Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	S/I																																			
		TP16X 0.9:1.0	0.4				L Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H S/M																																			
							P B r M r																																				
1																																											
Moisture D: Dry H: Humid M: Moist W: Wet											Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable											Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense											Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)										
Sheet: 1 of 1																																											



Pit Number: TP17X
Date: 21/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260057
Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301453

Logged By: Ryan Stewart

Pit Number: TP18X

Date: 21/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6260061

Reviewed By: Charlotte Gidley

					M						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP18X : 0.0:0.05	0.3		X			Loose sand, fine to medium grain size, well sorted, no gravel or clay visible.	L		No ACM observed
		TP18X : 0.1:0.15	0.4		X	ML		Medium liquid clay, silty, slightly fissured, no gravel or sand visible.	L/H		
		TP18X : 0.5:0.6	0.5			CL		Clayey silt, silty, slightly fissured, no gravel or sand visible.	/H		
		TP18X : 0.9:1.0	0.9					H/M			
								P B r M r			

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301586

Logged By: Ryan Stewart

Pit Number: TP21X

Date: 24/9/12

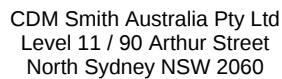
Excavated By: CMS

Pit Dimensions: 0.4 m

Northings: 6259044

Reviewed By: Charlotte Gidley

Soil Profile Data					General Information						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		TP21X : 0.0:0.05	0.3		X	OL		L :			

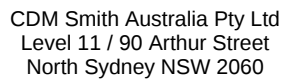


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301465
Logged By: Ryan Stewart

Pit Number: TP23X
Date: 21/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6260005
Reviewed By: Charlotte Gidley

Soil Investigation Report					M							
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY	DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP23X @ 0.0:0.05	0.6		X	OL		Light yellow, silty sand, medium dense, well sorted, 10-20% fines.	15 / H	S/L	No ACM or other materials observed.	
		TP23X @ 0.1:0.15	0.7		X							
		TP23X @ 0.5:0.6	0.6			CL		Light yellow, silty clay, medium dense, well sorted, 10-20% fines.	H / M	M / MS		
		TP23X @ 0.9:1.0	0.7				Light yellow, silty clay, medium dense, well sorted, 10-20% fines.	H / M	S/S			
1												
Moisture		Consistency Index			Density Index			Description based on Unified Soil Classification system.				
D: Dry H: Humid		VS: Very Soft S: Soft St: Stiff V.St: Very Stiff			VL: Very Loose D: Dense			Photo Ionisation Detector (PID)				
M: Moist W: Wet		F: Firm H: Hard Fb: Friable			L: Loose VD: Very Dense			Parts per million (ppm)				
					MD: Medium Dense							
Sheet: 1 of 1												



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301505
Logged By: Ryan Stewart

Pit Number: TP24X
Date: 24/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259959
Reviewed By: Charlotte Gidley

Soil Investigation Report				
General Information				
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID
1		TP24X 0.0:0.05	0.4	
		TP24X 0.1:0.15	0.3	
		A: C27		
			TP24X 0.5:0.6	0.3

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301574

Logged By: Ryan Stewart

Pit Number: TP25X

Date: 24/9/12

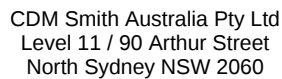
Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259978

Reviewed By: Charlotte Gidley

[illegible]



Pit Number: TP26X
Date: 24/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259981
Reviewed By: Charlotte Gidley

					M						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP26X : 0.0:0.05	0.4		X	ML		C :			

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301585

Logged By: Ryan Stewart

Pit Number: TP27X

Date: 25/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259916

Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301491

Logged By: Ryan Stewart

Pit Number: TP30X

Date: 24/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6260884

Reviewed By: Charlotte Gidley

						M					
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		TP30X : 0.0:0.05		0.5	X	OL		: : C: : : :	/H	S/L	
		TP30X : 0.1:0.15		0.4	X	ML		: : : :			
		TP30X : 0.25:0.35		0.3		GC		C: O: : : : :			N: ACM O:
		TP30X : 0.5:0.6		0.3		CL		CAY L: : : : :	H	S	
		TP30X : 0.9:1.0		0.4				P: B: r:M:r:			

Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

Sheet: 1 of 1

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301455

Logged By: Ryan Stewart

Pit Number: TP31X

Date: 24/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6260847

Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301524

Logged By: Ryan Stewart

Pit Number: TP32X

Date: 24/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northings: 6259845

Reviewed By: Charlotte Gidley

Soil Profile					M							
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS	
	1	TP32X @ 0.0-0.05	0.4		X	ML		C 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000	M	S/M	No ACM Observed	
		TP32X @ 0.1-0.15	0.3		X	OL		CAY 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000				
							CH		CAY L 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.5 BGL 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000	H/M		F / F
		TP32X @ 0.5-0.6	0.3									
									L 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000 0.00000000	H		MS
		TP32X @ 0.9-1.0	0.3									
								0.00000000 P 0.00000000 B 0.00000000 0.00000000 r 0.00000000 M 0.00000000 r 0.00000000				
Sheet: 1 of 1												

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301478

Logged By: Ryan Stewart

Pit Number: TP33X

Date: 24/9/12

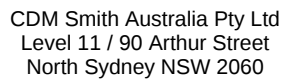
Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6260812

Reviewed By: Charlotte Gidley

[illegible]



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301484
Logged By: Ryan Stewart

Pit Number: TP34X
Date: 13/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259751
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification and Description			Moisture and Consistency		Structure and Additional Observations						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX						
1		TP34X 0.0:0.05	0.0		X	OL		 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	M	S/L	Peat/organic material, etc.					
		TP34X 0.1:0.15	0.0		X			 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	S/L							
		TP34X 0.45:0.55	0.0			CL		 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	H	S/H	No ACM or other features.					
		TP34X 0.95:1.05	0.0					 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.								
							 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.									
Moisture D: Dry H: Humid M: Moist W: Wet Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm) Sheet: 1 of 1																



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North Sydney NSW 2060

□□□□P□□□□□□□□P□□□□

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301431
Logged By: Ryan Stewart

Pit Number: TP35X
Date: 12/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259709
Reviewed By: Charlotte Gidley

□□□□□□□□□□					M□□□□□□□□□□							STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX		
		TP35X □ 0.0:0.05		0.0	X			□□□□ B□□ □ □□□□ □□□□□ □□□□□	M□/M□		0.2□ □P□□□ □□□□□□□□□□□□ □□ ACM O□□□□□□□	
		TP35X □ 0.1:0.15		0.0	X			□□□□CLAY B□□ □ □ □□□ □□ □ □ □□□□ □□□□□ □□□□ □ □ □ □ □□□□□	H	S□/□		
		TP35X □ 0.45:0.55		0.0		OL		O□□ □□□ □ □□□ □ □ □ □□□□ □□□□ □□ □ □□ □□□□ □ □ □ □□□□□	M	S/L		
		TP35X □ 0.95:1.05		0.0				□□ □P□□□□□ B□□ □□□□□□□□rM□□□□□				

Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil
Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

Sheet: 1 of 1

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301381

Logged By: Ryan Stewart

Pit Number: TP37X

Date: 11/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259756

Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301410

Logged By: Ryan Stewart

Pit Number: TP38X

Date: 11/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259725

Reviewed By: Charlotte Gidley

Soil Investigation Report									
WATER		DEPTH (m)		SAMPLE ID		SAMPLE TYPE		FIELD TEST PID	
SAMPLE ANALYSED		USC CLASS		GRAPHIC LOG		DESCRIPTION		MOISTURE	
CONSISTENCY INDEX		DENSITY INDEX		STRUCTURE AND ADDITIONAL OBSERVATIONS					
TP38X 0.0:0.05		0.3		X		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		M	
TP38X 0.1:0.15		0.4		X		Moisture: M / M			
TP38X 0.45:0.55		0.3		CL		M S			
TP38X 0.95:1.05		0.3		OL		S			
TP38X 0.0:0.05		0.3		X		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		M	
TP38X 0.1:0.15		0.4		X		Moisture: M / M			
TP38X 0.45:0.55		0.3		CL		M S			
TP38X 0.95:1.05		0.3		OL		S			
TP38X 0.0:0.05		0.3		X		Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.		M	
TP38X 0.1:0.15		0.4		X		Moisture: M / M			
TP38X 0.45:0.55		0.3		CL		M S			
TP38X 0.95:1.05		0.3		OL		S			

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

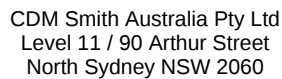
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1

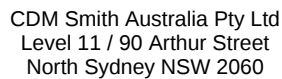


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301442
Logged By: Ryan Stewart

Pit Number: TP39X
Date: 12/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259723
Reviewed By: Charlotte Gidley

[illegible]



Pit Number: TP40X
Date: 11/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259671
Reviewed By: Charlotte Gidley

[illegible]



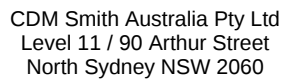
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North Sydney NSW 2060

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Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301431
Logged By: Ryan Stewart

Pit Number: TP41X
Date: 12/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259709
Reviewed By: Charlotte Gidley

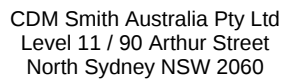
					M					MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS				
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.								
	1	TP41X 0.0:0.05		0.0	X	OL		 B	H	S/M	G					
		A5 A6														
		TP41X 0.1:0.15		0.1	X											
		A6 A7														
		TP41X 0.45:0.55		0.0		CL		 B	H	/M		N ACM O				
TP41X 0.95:1.05		0.1														
								 P B r M r								



Pit Number: TP42X
Date: 12/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259709
Reviewed By: Charlotte Gidley

M														
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS				
1		TP42X SP	0.1		X			 B S C	MS	No ACM Observed				
		TP42X 0.00:0.05	0.2					X			ML		 B C	
					X									
		TP42X 0.10:0.15	0.3											
		TP42X 0.45:0.55	0.3								OL			 B CAY
	TP42X 0.95:1.05	0.2						CL			 O CAY	M		
												 P B r M r		
Moisture D: Dry H: Humid M: Moist W: Wet											Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable	Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense	Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)	Sheet: 1 of 1



Pit Number: TP43X
Date: 11/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259699
Reviewed By: Charlotte Gidley

[illegible]



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North Sydney NSW 2060

□□□□P□□□□□□□□P□□□□

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301440
Logged By: Ryan Stewart

Pit Number: TP44X
Date: 12/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259693
Reviewed By: Charlotte Gidley

					M							STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravellclay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX		
1		TP44X 0.0:0.05	0.2		X	OL		B	H/	S/M	N: ACM O	
		TP44X 0.1:0.15	0.1		X			S/				
		TP44X 0.45:0.55	0.2					M/				
		TP44X 0.95:1.05	0.0							P B rM r		
Moisture D: Dry H: Humid M: Moist W: Wet Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)												
Sheet: 1 of 1												



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North Sydney NSW 2060

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301393
Logged By: Ryan Stewart

Pit Number: TP45X
Date: 11/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259683
Reviewed By: Charlotte Gidley

P					P						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
		TP45X 0.00:0.05		0.2	X			B		S	
		TP45X 0.10:0.15		0.2				CLAY		VS	
		TP45X 0.45:0.55		0.0		OL			H		N: ACM O
		TP45X 0.95:1.05		0.2	X			P B r M			

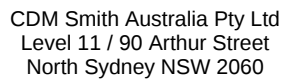
Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

Sheet: 1 of 1

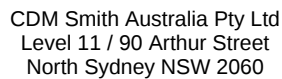


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301483
Logged By: Ryan Stewart

Pit Number: TP47X
Date: 13/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259671
Reviewed By: Charlotte Gidley

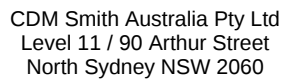
Soil Profile					M						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP47X 0.0:0.05	0.3		X			O Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	W	S/L	Parts per million (ppm)
		A9 A10									
		TP47X 0.1:0.15	0.4								
		TP47X 0.3:0.4	0.1		X	CL		CAY B Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components. Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	M	S/L	
		TP47X 0.55:0.65	0.1								
	TP47X 0.85:1.05	0.0									
Soil Profile Summary: 1.0m depth, 0.0 to 1.05m range. Soil types: O, CAY, B, P, B, r, M, r.											
Moisture Consistency Index Density Index Description based on Unified Soil Classification system. D: Dry H: Humid VS: Very Soft S: Soft St: Stiff V.St: Very Stiff VL: Very Loose D: Dense Photo Ionisation Detector (PID) M: Moist W: Wet F: Firm H: Hard Fb: Friable L: Loose VD: Very Dense Parts per million (ppm) MD: Medium Dense											
Sheet: 1 of 1											



Pit Number: TP48X
Date: 12/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259641
Reviewed By: Charlotte Gidley

[illegible]



Pit Number: TP49X
Date: 13/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259591
Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot X - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301459

Logged By: Ryan Stewart

Pit Number: TP50X

Date: 13/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259581

Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301612

Borehole Number: BH3X
Date: 20/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6260166

DEPTH (m)					SAMPLE ANALYSED			M			STRUCTURE AND ADDITIONAL OBSERVATIONS	
DEPTH (m)	WELL CONSTRUCTION	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX			
0.0		BH3X 0.0 0.05		0.3	X	ML	C	W	S/L			
0.1		BH3X 0.1 0.15		0.3								
0.5		BH3X 0.5 0.6		0.3	X	OL	B	M	S			N ACM O
1.0		BH3X 1.0 1.1		0.4			CAY G		S			
1.5		BH3X 1.5 1.6		0.3			G					
2.0		BH3X 2.0 2.1		0.3		CL		H				
2.5		BH3X 2.5 2.6		0.4	X		G	M				
3.0		BH3X 3.0 3.1		0.1								
3.5				0.4								G 3.5 BGL

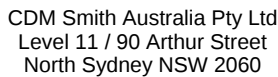
Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)

Sheet: 1 of 2



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301612

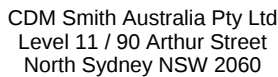
Borehole Number: BH3X
Date: 20/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6260166

[illegible]

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301633

Borehole Number: BH20X
Date: 20/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6260041

DEPTH (m)					WELL CONSTRUCTION			SAMPLE ID			SAMPLE TYPE			FIELD TEST PID			SAMPLE ANALYSED			USC CLASS			GRAPHIC LOG			DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			MOISTURE			CONSISTENCY DENSITY INDEX			STRUCTURE AND ADDITIONAL OBSERVATIONS		
1					BH20X 0.0:0.05			BH20X 0.1:0.15			BH20X 0.5:0.6			BH20X 1.0:1.1			BH20X 1.5:1.6			BH20X 2.0:2.1			BH20X 2.5:2.6			BH20X 3.0:3.1			BH20X 3.0:3.1			BH20X 3.0:3.1			BH20X 3.0:3.1		
2					BH20X 0.0:0.05			BH20X 0.1:0.15			BH20X 0.5:0.6			BH20X 1.0:1.1			BH20X 1.5:1.6			BH20X 2.0:2.1			BH20X 2.5:2.6			BH20X 3.0:3.1			BH20X 3.0:3.1			BH20X 3.0:3.1			BH20X 3.0:3.1		
3					BH20X 0.0:0.05			BH20X 0.1:0.15			BH20X 0.5:0.6			BH20X 1.0:1.1			BH20X 1.5:1.6			BH20X 2.0:2.1			BH20X 2.5:2.6			BH20X 3.0:3.1			BH20X 3.0:3.1			BH20X 3.0:3.1			BH20X 3.0:3.1		



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301633

Borehole Number: BH20X
Date: 20/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6260041

[illegible]

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301541

Borehole Number: BH22X
Date: 18/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6260006

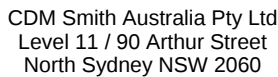
DEPTH (m)					SAMPLE ANALYSED			M			MOISTURE	CONSISTENCY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
DEPTH (m)	WELL CONSTRUCTION	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS			
0.0		BH22X 0.0:0.05		0.0	X	ML	C						
0.1		BH22X 0.1:0.15		0.0									
0.5		BH22X 0.5:0.6		0.0	X								
1.0		BH22X 1.0:1.1		0.0		CL							
1.5		BH22X 1.5:1.6		0.0	X								
2.0		BH22X 2.0:2.1		0.0									
2.5		BH22X 2.5:5.6		0.1									
3.0		BH22X 3.0:3.1		0.0		GC							

Moisture
D: Dry H: Humid
M: Moist W: Wet

Consistency Index
VS: Very Soft S: Soft St: Stiff V.St: Very Stiff
F: Firm H: Hard Fb: Friable

Density Index
VL: Very Loose D: Dense
L: Loose VD: Very Dense
MD: Medium Dense

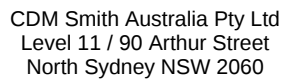
Description based on Unified Soil Classification system.
Photo Ionisation Detector (PID)
Parts per million (ppm)



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot X - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301541

Borehole Number: BH22X
Date: 18/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6260006

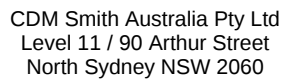
[illegible]



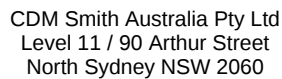
Pit Number: TP1Y
Date: 25/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259393
Reviewed By: Charlotte Gidley

[illegible]



Reviewed By: Charlotte Gidley



Pit Number: TP4Y
Date: 25/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259760
Reviewed By: Charlotte Gidley

Soil Profile Data					Soil Classification			Soil Properties		Soil Observations	
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
1		TP4Y 0.0:0.05	0.6		X	OL		0.0:0.05 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	0.0:0.05 / H	0.0:0.05 / M	G: 0.0:0.05 BGL
		TP4Y 0.1:0.15	0.7					0.1:0.15 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	0.1:0.15 / M		
					CL		0.15:0.5 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	0.15:0.5 / H	0.5:1.0 / S	N: ACM 0.0:0.05	
		TP4Y 0.5:0.6	0.8				0.5:0.6 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	0.5:0.6 / H			
							0.6:0.9 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	0.6:0.9 / S			
		TP4Y 0.9:1.0	1.2				X	0.9:1.0 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			0.9:1.0 / S
							1.0:1.5 Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	1.0:1.5 / S			
1											

Moisture

D: Dry H: Humid

M: Moist W: Wet

Consistency Index

VS: Very Soft S: Soft St: Stiff V.St: Very Stiff

F: Firm H: Hard Fb: Friable

Density Index

VL: Very Loose D: Dense

L: Loose VD: Very Dense

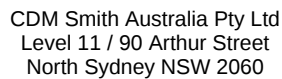
MD: Medium Dense

Description based on Unified Soil Classification system.

Photo Ionisation Detector (PID)

Parts per million (ppm)

Sheet: 1 of 1



Reviewed By: Charlotte Gidley

Sheet: 1 of 1

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot Y - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301539

Logged By: Ryan Stewart

Pit Number: TP6Y

Date: 25/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259666

Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot Y - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301615

Logged By: Ryan Stewart

Pit Number: TP7Y

Date: 25/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259760

Reviewed By: Charlotte Gidley

Soil Profile									
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION	STRUCTURE AND ADDITIONAL OBSERVATIONS
								Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	
		TP7Y @ 0.0:0.05		0.4	X	OL		Moisture: M @ 0.0:0.05 Consistency: S @ 0.0:0.05 Density: VL @ 0.0:0.05 Description: Very loose sand, grading, weathering, plasticity, colour, other components.	
		TP7Y @ 0.1:0.15		0.5	X			Moisture: M @ 0.1:0.15 Consistency: S @ 0.1:0.15 Density: VL @ 0.1:0.15 Description: Very loose sand, grading, weathering, plasticity, colour, other components.	
		TP7Y @ 0.5:0.6		0.6		CH		Moisture: H @ 0.5:0.6 Consistency: S @ 0.5:0.6 Density: VL @ 0.5:0.6 Description: Very loose sand, grading, weathering, plasticity, colour, other components.	
		TP7Y @ 0.9:1.0		0.7		CL		Moisture: H @ 0.9:1.0 Consistency: M @ 0.9:1.0 Density: MD @ 0.9:1.0 Description: Medium dense sand, grading, weathering, plasticity, colour, other components.	
								Moisture: M @ 0.0:0.05 Consistency: S @ 0.0:0.05 Density: VL @ 0.0:0.05 Description: Very loose sand, grading, weathering, plasticity, colour, other components.	

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot Y - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301553

Logged By: Ryan Stewart

Pit Number: TP8Y

Date: 25/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259600

Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot Y - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301574

Logged By: Ryan Stewart

Pit Number: TP9Y

Date: 25/9/12

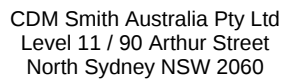
Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259536

Reviewed By: Charlotte Gidley

[illegible]

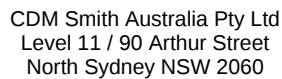


Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot Y - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301518
Logged By: Ryan Stewart

Pit Number: TP10Y
Date: 25/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259533
Reviewed By: Charlotte Gidley

[illegible]



Pit Number: TP11Y
Date: 25/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259525
Reviewed By: Charlotte Gidley

[illegible]

Project No: S12388.01

Project Manager: Michael Nicholls

Location: Lot Y - Eastern Creek Business Hub

Client: Western Sydney Parklands Trust

Surface Elevation: -

Easting: 301528

Logged By: Ryan Stewart

Pit Number: TP12Y

Date: 25/9/12

Excavated By: CMS

Pit Dimensions: 0.4 m

Northing: 6259505

Reviewed By: Charlotte Gidley

[illegible]

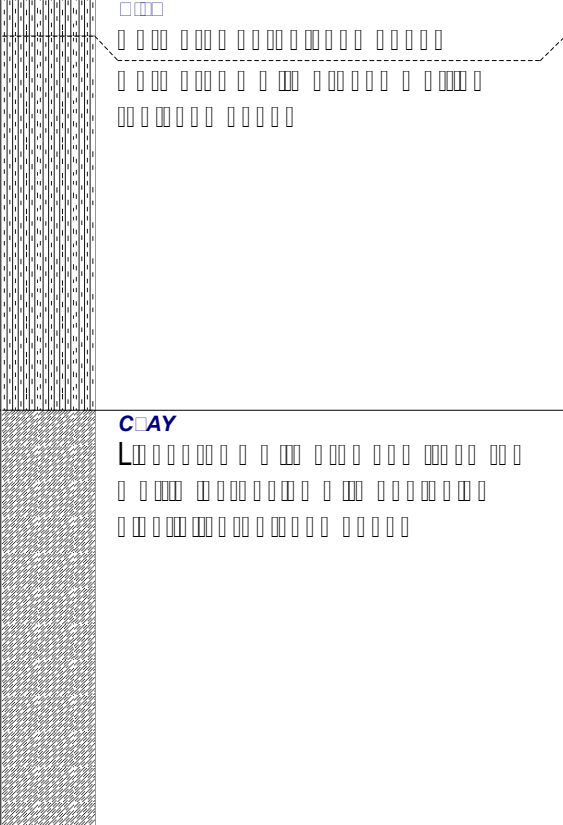


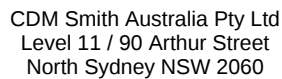
CDM Smith Australia Pty Ltd
Level 11 / 90 Arthur Street
North Sydney NSW 2060

□□□□P□□□□□□□□P□□□□

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot Y - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301553
Logged By: Ryan Stewart

Pit Number: TP13Y
Date: 25/9/12
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259494
Reviewed By: Charlotte Gidley

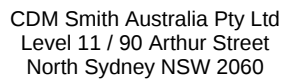
□□□□□□□□□□					M□□□□□□□□□□			MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG			
		TP13Y □ 0.0□0.05		0.7	X	OL				No ACM O□□□□□□□
		TP13Y □ 0.1□0.15		1.0	X					
		TP13Y □ 0.5□0.6		1.0		CL		H		
		TP13Y □ 0.9□1.0		1.0						
	1									1
Moisture D: Dry H: Humid M: Moist W: Wet Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)										



Pit Number: TP14Y
Date: 25/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259453
Reviewed By: Charlotte Gidley

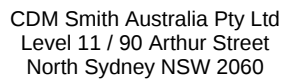
Soil Profile Data Entry Form					M						
WATER	DEPTH (m)	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	MOISTURE CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS	
1		TP14Y 0.0:0.05	0.5		X	OL		Light brown silty clay, medium dense, slightly weathered. No roots observed.	15% / H	L/S	No ACM or other features observed.
		TP14Y 0.1:0.15	0.2					Light brown silty clay, medium dense, slightly weathered. No roots observed.	15% / H	L/S	
					X	CL		Dark brown clay, very dense, highly weathered. No roots observed.	25% / V		
		TP14Y 0.5:0.6	0.6					Dark brown clay, very dense, highly weathered. No roots observed.	25% / V		
								Dark brown clay, very dense, highly weathered. No roots observed.	25% / V		
		TP14Y 0.9:1.0	0.7					Dark brown clay, very dense, highly weathered. No roots observed.	25% / V		
							Dark brown clay, very dense, highly weathered. No roots observed.	25% / V			
1											
Soil Profile Data Entry Form											
M											
Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.											
MOISTURE CONSISTENCY DENSITY INDEX											
STRUCTURE AND ADDITIONAL OBSERVATIONS											
1											
Moisture D: Dry H: Humid M: Moist W: Wet		Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable			Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense		Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)				
Sheet: 1 of 1											



Pit Number: TP15Y
Date: 25/9/12

Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259393
Reviewed By: Charlotte Gidley

[illegible]



Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot Y - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301495
Logged By: Ryan Stewart

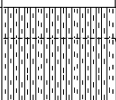
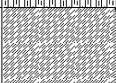
Pit Number: TP16Y
Date: 25/9/12

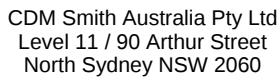
Excavated By: CMS
Pit Dimensions: 0.4 m
Northing: 6259535
Reviewed By: Charlotte Gidley

Soil Profile Data Entry Form									
WATER		DEPTH (m)		SAMPLE ID		SAMPLE TYPE		FIELD TEST PID	
SAMPLE ANALYSED		USC CLASS		GRAPHIC LOG		DESCRIPTION		MOISTURE	
STRUCTURE AND ADDITIONAL OBSERVATIONS		CONSISTENCY		DENSITY INDEX					
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	
TP16Y 0.9:1.0		0.6				[Pattern: Dotted]		VS	
TP16Y 0.0:0.05		0.4		X	OL	[Pattern: Horizontal Lines]		M	
TP16Y 0.1:0.15		0.4						Mo / M	
TP16Y 0.5:0.6		0.4		X	CL	[Pattern: Stippled]		H	

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot Y - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301632

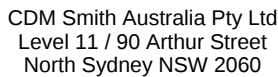
Borehole Number: BH2Y
Date: 19/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6259800

M					M			MOISTURE	CONSISTENCY DENSITY INDEX	STRUCTURE AND ADDITIONAL OBSERVATIONS	
DEPTH (m)	WELL CONSTRUCTION	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG				DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.
1		BH2Y 0.0 0.05		0.0	X	OL		CLAY Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	M	S/L	No ACM Observed
		BH2Y 0.1 0.15		0.0							
		BH2Y 0.4 0.5		0.0	X	CL		CLAY B CLAY B 1.0 BGL	H	M /	
		BH2Y 1.0 1.1		0.0							
		BH2Y 1.5 1.6		0.0							
		BH2Y 2.0 2.1		0.0							
		BH2Y 2.5 2.6		0.3							
		BH2Y 3.0 3.1		0.0	X	GC		CLAY G A	M	S /	
				0.0		OL			W	S/L	
Moisture D: Dry H: Humid M: Moist W: Wet Consistency Index VS: Very Soft S: Soft St: Stiff V.St: Very Stiff F: Firm H: Hard Fb: Friable Density Index VL: Very Loose D: Dense L: Loose VD: Very Dense MD: Medium Dense Description based on Unified Soil Classification system. Photo Ionisation Detector (PID) Parts per million (ppm)											
Sheet: 1 of 2											



Borehole Number: BH2Y
Date: 19/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6259800

[illegible]



Borehole Number: BH17Y
Date: 19/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6259329

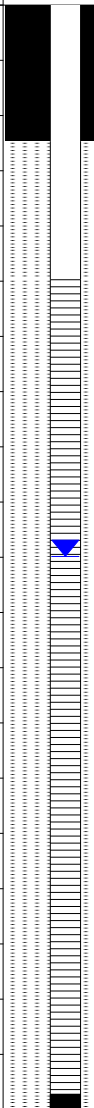
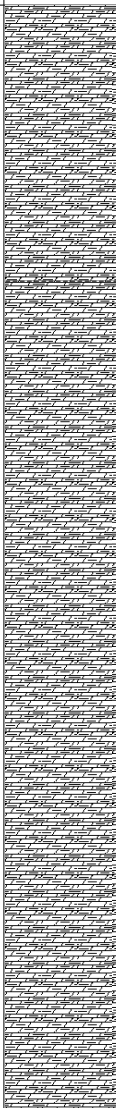
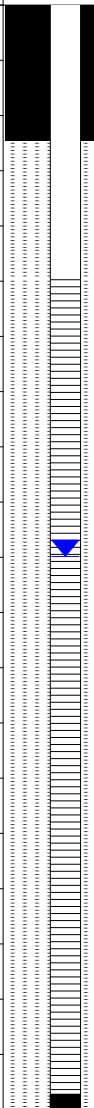
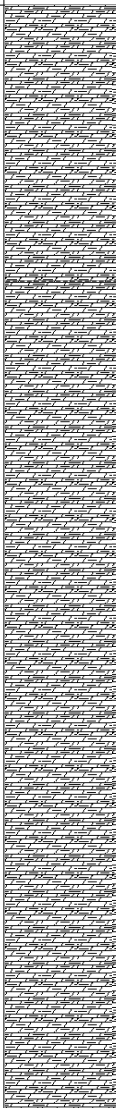
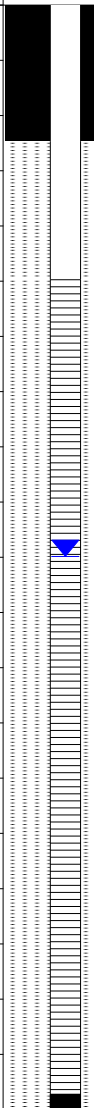
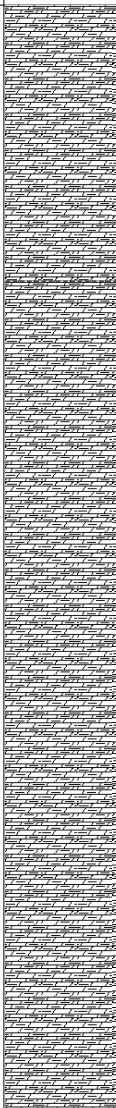
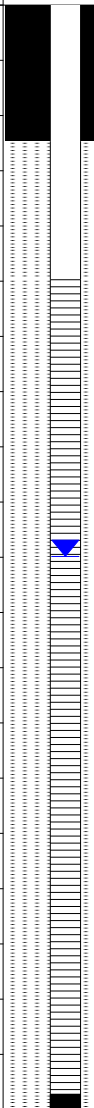
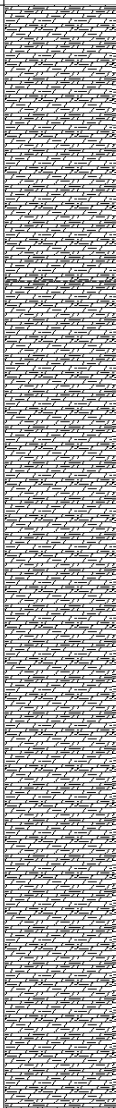
[illegible]



CDM Smith Australia Pty Ltd
Level 11 / 90 Arthur Street
North Sydney NSW 2060

Project No: S12388.01
Project Manager: Michael Nicholls
Location: Lot Y - Eastern Creek Business Hub
Client: Western Sydney Parklands Trust
Surface Elevation: -
Easting: 301513

Borehole Number: BH17Y
Date: 19/9/12
Logger: Ryan Stewart
Drilled By: Terratest
Bore Diameter: 150mm
Northing: 6259329

0000000000000000							M000000000000				
DEPTH (m)	WELL CONSTRUCTION	SAMPLE ID	SAMPLE TYPE	FIELD TEST PID	SAMPLE ANALYSED	USC CLASS	GRAPHIC LOG	DESCRIPTION Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.			
5		BH17Y 4.0 4.1		0.0	X			Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	M	0 / 0	
											
		BH17Y 4.5 4.6		0.0							
											
		BH17Y 5.0 5.1		0.1							
											
		BH17Y 5.5 5.6		0.0							
											
		BH17Y 6.0 6.1		0.0							
											
		BH17Y 6.5 6.6		0.0							
											
6		BH17Y 6.0 6.1		0.0				Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	M	0 / 0	
											
		BH17Y 6.5 6.6		0.0							
											
7		BH17Y 7.0 7.1		0.0				Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	M	0 / 0	
											
		BH17Y 7.5 7.6		0.1							
											
8		BH17Y 7.9 8.0		0.0				Soil division: sand/gravel/clay, grading, weathering, plasticity, colour, other components.	M	0 / 0	
											
00											

Appendix J - Calibration Records

Oil / Water Interface Meter

Instrument Geotech Interface Meter (60M)
 Serial No. 3954



Air-Met Scientific Pty Ltd
 1300 137 067

Item	Test	Pass	Comments
Battery	Compartment	✓	
	Capacity	✓	9v
Probe	Cleaned/Decon.	✓	
	Operation	✓	
Connectors	Condition	✓	
		✓	
Tape Check	Cleaned	✓	
Connectors	Checked for cuts	✓	
Instrument Test	At surface level	✓	

Certificate of Calibration

This is to certify that the above instrument has been cleaned and tested.

Calibrated by: AR Anne Rutledge

Calibration date: 8/10/2012

Next calibration due: 7/12/2012

Multi Parameter Water Meter

Instrument YSI Quatro Pro Plus
 Serial No. 12D100011



Air-Met Scientific Pty Ltd
 1300 137 067

Item	Test	Pass	Comments
Battery	Charge Condition	✓	
	Fuses	✓	
	Capacity	✓	
Switch/keypad	Operation	✓	
Display	Intensity	✓	
	Operation (segments)	✓	
Grill Filter	Condition	✓	
	Seal	✓	
PCB	Condition	✓	
Connectors	Condition	✓	
Sensor	1. pH	✓	
	2. mV	✓	
	3. EC	✓	
	4. D.O	✓	
	5. Temp	✓	
Alarms	Beeper	✓	
	Settings	✓	
Software	Version	✓	
Data logger	Operation	✓	
Download	Operation	✓	
Other tests:			

Certificate of Calibration

This is to certify that the above instrument has been calibrated to the following specifications:

Sensor	Serial no	Standard Solutions	Certified	Solution Bottle Number	Instrument Reading
1. pH 7.00		pH 7.00		JC1866	pH 7.04
2. pH 4.00		pH 4.00		JJ1765	pH 4.00
3. pH 10.00		pH 10.00		JH1569	pH 9.98
3. mV		228.0mV		KA1583/KA1584	228.0mV
4. EC		2.76mS		JH2298	2.76mS
6. D.O		0 ppm		106	0.00ppm
7. Temp		22.5°C		MultiTherm	22.8°C

Calibrated by: AR Anne Rutledge

Calibration date: 08/10/2012

Next calibration due: 06/04/2013

PID Calibration Certificate

Instrument PhoCheck Tiger
Serial No. T-105760



Air-Met Scientific Pty Ltd
1300 137 067

Item	Test	Pass	Comments			
Battery	Charge Condition	✓				
	Fuses	✓				
	Capacity	✓				
	Recharge OK?	✓				
Switch/keypad	Operation	✓				
Display	Intensity	✓				
	Operation (segments)	✓				
Grill Filter	Condition	✓				
	Seal	✓				
Pump	Operation	✓				
	Filter	✓				
	Flow	✓				
	Valves, Diaphragm	✓				
PCB	Condition	✓				
Connectors	Condition	✓				
Sensor	PID	✓	10.6 ev			
Alarms	Beeper	✓	Low	High		
	Settings	✓	50ppm	100ppm		
Software	Version	✓				
Data logger	Operation					
Download	Operation	✓				
Other tests:						

Certificate of Calibration

This is to certify that the above instrument has been calibrated to the following specifications:

Sensor	Serial no	Calibration gas and concentration	Certified	Gas bottle No		Instrument Reading
PID Lamp		97ppm Isobutylene	NATA	936SY		97.2ppm

Calibrated by:  Jacob Arnott

Calibration date: 7/09/2012

Next calibration due: 7/10/2012

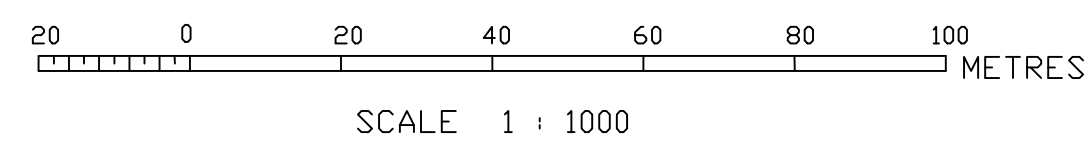
Job Name: <u>WSPT</u>			Job No.: <u>812888.01</u>		
CALIBRATION NOTES					
DATE and TIME	EQUIPMENT MODEL and SERIAL NUMBER	CALIBRATION METHOD / STANDARD	CALIBRATION RESULT	OTHER COMMENTS	INITIAL
10/9/12	PID-Tiger # T-105760	Isobutylene 100ppm	100.5	OK	RS
11/9/12	"	"	102.1	OK	RS
12/9/12	"	"	101.0	OK	RS
13/9/12	"	"	101.3	OK	RS
14/9/12	"	"	99.7	OK	RS
17/9/12	"	"	99.8	OK	RS
18/9/12	"	"			
19/9/12	"	"			
20/9/12	"	"	101.2	OK	RS
21/9/12	"	"	99.7	OK	RS
24/9/12	"	"	101.6	OK	RS
25/9/12	"	"	100.4	OK	RS

Job Name: <u>WSPT</u>		Job No.: <u>812388.01</u>			
CALIBRATION NOTES					
DATE and TIME	EQUIPMENT MODEL and SERIAL NUMBER	CALIBRATION METHOD / STANDARD	CALIBRATION RESULT	OTHER COMMENTS	INITIAL
26/9/12	PID-Tiger # T-105760	Isobutylene 100PPM	99.8	OK	RS
27/9/12	"	"	100.4	OK	RS
3/10/12	"	"	102.1	OK	RS
4/10/12	"	"	102.1	OK	RS
8/10/12	"	"	98.2	OK	RS.
9/10/12	"	"	96.2	Poor Recal-	

Appendix K – Registered Survey Plan

- * BOUNDARY DIMENSIONS AND AREAS HAVE BEEN COMPILED FROM PLANS MADE AVAILABLE AT LPI. NSW AND ARE SUBJECT TO FINAL SURVEY.
- * CONTOURS IF SHOWN ARE AN INDICATION OF THE TOPOGRAPHY AND SHOULD ONLY BE USED FOR PLANNING PURPOSES. IF DETAILED DESIGN IS TO BE UNDERTAKEN, SPOT LEVELS SHOULD BE USED.
- * DO NOT SCALE OFF THIS PLAN – RELATIONSHIP OF IMPROVEMENTS AND DETAIL TO BOUNDARIES IS DIAGRAMMATIC AND IF CRITICAL SHOULD BE CONFIRMED BY A BOUNDARY SURVEY.
- * THESE PLANS SHOULD BE READ IN CONJUNCTION WITH DIGITAL DATA ISSUED TO CLIENT. THE DIGITAL DATA CONTAINS NUMEROUS LAYERS OF INFORMATION WHICH ARE NOT SHOWN ON THESE PLANS FOR THE SAKE OF CLARITY.

- * NO CADASTRAL SURVEY HAS BEEN UNDERTAKEN TO CONFIRM THE LOCATION AND DIMENSION OF THE PROPERTY BOUNDARIES. SHOULD CONSTRUCTION BE PLANNED CLOSE TO THE PROPERTY BOUNDARIES, IT IS CRITICAL THAT A CADASTRAL SURVEY BE COMPLETED FIRST.
- * AERIAL PHOTOGRAPHY HAS BEEN SOURCED FROM NEARMAP PTY LTD AND IS USED UNDER NEARMAP PTY LTD COMMERCIAL LICENSE



		Area A		
Point ID	Easting	Northing	Elevation	Known As
372	301372.58	6259576.56	40.85	011A
370	301305.32	6259537.60	41.44	021A

	Area C			
Point ID	Easting	Northing	Elevation	Known As
335	301465.29	6259772.21	38.93	25LC
336	301371.17	6259783.98	39.99	26LC
337	301270.99	6259798.25	42.14	35LC
338	301192.46	6259811.43	44.94	36LC

	Area X			
Point ID	Easting	Northing	Elevation	Known As
502	301559.51	6260194.30	37.14	011X
503	301571.67	6260181.56	37.11	021X

NOTES
The title boundaries shown hereon were not marked at the time of survey and have been determined by plan dimensions only and not by field survey.

OF
WESTERN SYDNEY PARKLANDS
PRECINCTS 2.3 & 2.4
CNR GREAT WESTERN HIGHWAY,
M7 MOTORWAY & ROOTY HILL RD S
EASTERN CREEK

NOTES

The title boundaries shown hereon were not marked at the time of survey and have been determined by plan dimensions only and not by field survey.

Services shown hereon have been located where possible by field survey. If not able to be so located, services have been plotted from the records of relevant authorities where available and have been noted accordingly on the plan. Where such records do not exist or are inadequate a notation has been made hereon.

Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services.

[illegible]

PPP/CF	LPL	DD/MM/YY	COMMENT
--------	-----	----------	---------

Symbols shown are indicative only. The symbol size and orientation does not necessarily represent the real size or orientation of the feature.



Sydney Office
Level 2, 23-29 South Street
Rydalmere NSW 2116
PO Box 389
Rydalmere BC NSW 2116

t (02) 9685 2000
f (02) 9685 2001
e sydney@landpartners.com.au
w www.landpartners.com.au


ISO 9001:2000

HEIGHT DATUM AHD	LOCAL AUTHORITY BLACKTOWN COUNCIL
HEIGHT ORIGIN PM 30122 RL 43.58	SCALE 1:1000 (AO)
MERIDIAN 56	CONTOUR INTERVAL 1.0 Metre

CO-ORD SYSTEM MGA	SURVEYOR TD	DATE OF SURV 18/10/12
CCAD FILE 73106	DRAWN TD	DATE 20/10/12
AUTOCAD FILE 73106	CHECKED RWL	DATE 30/10/12
ARCHIVE FILE 73106	APPROVED RWL	DATE 30/10/12
PLAN NUMBER SY073106.000		PHASE 007 SHEET 1 OF 1

Point ID	Area 1			Known As
	Easting	Northing	Elevation	
222	403457.92	629598.96	40.84	0111
223	403461.5	629598.72	41.84	BH31/PVC
224	403431.17	629596.71	41.91	BH31/TOP
225	403431.17	629596.71	41.91	BH31/TOP
229	403428.78	629596.55	41.90	BH31/TOP
230	403428.78	629596.55	41.90	BH31/TOP
238	403431.62	629596.36	41.08	0411
221	403537.77	629598.08	41.55	0511
239	403428.78	629596.55	41.90	0611
238	403431.62	629596.36	41.08	BH71/PVC
214	402929.37	629497.70	43.07	BH71/TOP
227	403446.07	629496.94	41.25	0911
227	403446.07	629496.94	41.25	0911
237	403371.41	629343.09	41.96	1011
230	403259.53	629343.04	42.44	1111
231	403259.53	629343.04	42.44	1111
232	403301.46	629413.06	42.48	1311
236	403434.13	629393.53	41.45	1411
237	403371.41	629343.09	41.96	1511
234	403404.03	629361.45	41.96	1611
235	403449.29	629361.53	41.88	1711
236	403404.03	629361.45	41.96	1811
240	403387.32	629318.21	42.26	1911
242	403444.92	629335.04	42.74	2011
238	403444.92	629335.04	42.74	2111
239	403407.01	629327.08	42.11	2211
242	403444.92	629335.04	42.74	2311
243	403336.88	629303.22	42.59	2311
244	403336.88	629303.22	42.59	2411
245	403336.88	629303.22	42.59	2511
246	403386.34	629256.54	42.59	2611
247	403386.27	629257.57	43.26	2711
248	403386.27	629257.57	43.26	2811
249	403386.27	629257.57	43.26	2911
251	403408.69	629258.18	43.07	2911
248	403361.69	629252.04	44.44	BH301/PVC
249	403361.69	629252.07	44.55	BH301/TOP
250	403361.69	629252.07	44.55	BH301/TOP
252	403394.62	629227.51	43.25	3211
253	402401.35	629211.15	43.94	3311
254	402401.35	629211.15	43.94	3411
255	402401.35	629211.15	43.94	3511
261	403388.65	629193.83	43.21	WELL/PAMFILA

Point ID	Latitude	Longitude	Elevation	Known As
371	33:13:51.6	105:59:57.8	41.19	052
369	33:13:51.6	105:59:57.8	41.19	052
368	33:13:51.6	105:59:57.8	41.19	052
367	33:13:51.6	105:59:57.8	41.19	052
366	33:13:51.6	105:59:57.8	41.19	052
373	33:13:51.6	105:59:57.8	41.19	052
374	33:13:51.6	105:59:57.8	41.19	052
375	33:13:51.6	105:59:57.8	41.19	052
376	33:13:51.6	105:59:57.8	41.19	052
377	33:13:51.6	105:59:57.8	41.19	052
378	33:13:51.6	105:59:57.8	41.19	052
379	33:13:51.6	105:59:57.8	41.19	052
380	33:13:51.6	105:59:57.8	41.19	052
381	33:13:51.6	105:59:57.8	41.19	052
382	33:13:51.6	105:59:57.8	41.19	052
383	33:13:51.6	105:59:57.8	41.19	052
384	33:13:51.6	105:59:57.8	41.19	052
385	33:13:51.6	105:59:57.8	41.19	052
386	33:13:51.6	105:59:57.8	41.19	052
387	33:13:51.6	105:59:57.8	41.19	052
388	33:13:51.6	105:59:57.8	41.19	052
389	33:13:51.6	105:59:57.8	41.19	052
390	33:13:51.6	105:59:57.8	41.19	052
391	33:13:51.6	105:59:57.8	41.19	052
392	33:13:51.6	105:59:57.8	41.19	052
393	33:13:51.6	105:59:57.8	41.19	052
394	33:13:51.6	105:59:57.8	41.19	052
395	33:13:51.6	105:59:57.8	41.19	052
396	33:13:51.6	105:59:57.8	41.19	052
397	33:13:51.6	105:59:57.8	41.19	052
398	33:13:51.6	105:59:57.8	41.19	052
399	33:13:51.6	105:59:57.8	41.19	052
400	33:13:51.6	105:59:57.8	41.19	052
401	33:13:51.6	105:59:57.8	41.19	052
402	33:13:51.6	105:59:57.8	41.19	052
403	33:13:51.6	105:59:57.8	41.19	052
404	33:13:51.6	105:59:57.8	41.19	052
405	33:13:51.6	105:59:57.8	41.19	052
406	33:13:51.6	105:59:57.8	41.19	052
407	33:13:51.6	105:59:57.8	41.19	052
408	33:13:51.6	105:59:57.8	41.19	052
409	33:13:51.6	105:59:57.8	41.19	052
410	33:13:51.6	105:59:57.8	41.19	052
411	33:13:51.6	105:59:57.8	41.19	052
412	33:13:51.6	105:59:57.8	41.19	052
413	33:13:51.6	105:59:57.8	41.19	052
414	33:13:51.6	105:59:57.8	41.19	052
415	33:13:51.6	105:59:57.8	41.19	052
416	33:13:51.6	105:59:57.8	41.19	052
417	33:13:51.6	105:59:57.8	41.19	052
418	33:13:51.6	105:59:57.8	41.19	052
419	33:13:51.6	105:59:57.8	41.19	052
420	33:13:51.6	105:59:57.8	41.19	052
421	33:13:51.6	105:59:57.8	41.19	052
422	33:13:51.6	105:59:57.8	41.19	052
423	33:13:51.6	105:59:57.8	41.19	052
424	33:13:51.6	105:59:57.8	41.19	052
425	33:13:51.6	105:59:57.8	41.19	052
426	33:13:51.6	105:59:57.8	41.19	052
427	33:13:51.6	105:59:57.8	41.19	052
428	33:13:51.6	105:59:57.8	41.19	052
429	33:13:51.6	105:59:57.8	41.19	052
430	33:13:51.6	105:59:57.8	41.19	052
431	33:13:51.6	105:59:57.8	41.19	052
432	33:13:51.6	105:59:57.8	41.19	052
433				

Appendix L – Laboratory Certificates

CERTIFICATE OF ANALYSIS

78803

Client:

CDM Smith (Sydney) Pty Ltd
Level 11, 90 Arthur St
North Sydney
NSW 2060

Attention: Ryan Stewart

Sample log in details:

Your Reference: **S12388.01, ECBH**
No. of samples: 4 materials, 2 waters, 39 soils
Date samples received / completed instructions received 13/09/12 / 20/09/12
This report replaces the previous report due to changes in sample ID.

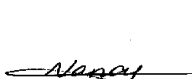
Analysis Details:

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.
Please refer to the last page of this report for any comments relating to the results.

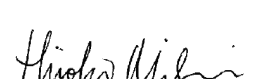
Report Details:

Date results requested by: / Issue Date: 27/09/12 / 30/11/12
Date of Preliminary Report: Not issued
NATA accreditation number 2901. This document shall not be reproduced except in full.
Accredited for compliance with ISO/IEC 17025. **Tests not covered by NATA are denoted with *.**

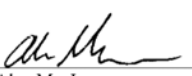
Results Approved By:


Nancy Zhang
Chemist


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Reporting Supervisor


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Chemist


Lulu Guo
Approved Signatory


Alex MacLean
Chemist

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-1 TP46x 0.0-0.05 11/09/2012 Soil	78803-5 TP43x 0.0-0.5 11/09/2012 Soil	78803-10 TP38x 0.0-0.5 11/09/2012 Soil	78803-16 TP36x 0.0--0.5 11/09/2012 Soil	78803-21 TP45x 0.0-0.5 11/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Dichlorodifluoromethane	mg/kg	<1	<1	<1	<1	<1
Chloromethane	mg/kg	<1	<1	<1	<1	<1
Vinyl Chloride	mg/kg	<1	<1	<1	<1	<1
Bromomethane	mg/kg	<1	<1	<1	<1	<1
Chloroethane	mg/kg	<1	<1	<1	<1	<1
Trichlorofluoromethane	mg/kg	<1	<1	<1	<1	<1
1,1-Dichloroethene	mg/kg	<1	<1	<1	<1	<1
trans-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
1,1-dichloroethane	mg/kg	<1	<1	<1	<1	<1
cis-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
bromochloromethane	mg/kg	<1	<1	<1	<1	<1
chloroform	mg/kg	<1	<1	<1	<1	<1
2,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1,1-trichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1-dichloropropene	mg/kg	<1	<1	<1	<1	<1
Cyclohexane	mg/kg	<1	<1	<1	<1	<1
carbon tetrachloride	mg/kg	<1	<1	<1	<1	<1
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
dibromomethane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
trichloroethene	mg/kg	<1	<1	<1	<1	<1
bromodichloromethane	mg/kg	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
1,1,2-trichloroethane	mg/kg	<1	<1	<1	<1	<1
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichloropropane	mg/kg	<1	<1	<1	<1	<1
dibromochloromethane	mg/kg	<1	<1	<1	<1	<1
1,2-dibromoethane	mg/kg	<1	<1	<1	<1	<1
tetrachloroethene	mg/kg	<1	<1	<1	<1	<1
1,1,1,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
chlorobenzene	mg/kg	<1	<1	<1	<1	<1
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
bromoform	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
styrene	mg/kg	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
o-Xylene	mg/kg	<1	<1	<1	<1	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-1 TP46x 0.0-0.05 11/09/2012 Soil	78803-5 TP43x 0.0-0.5 11/09/2012 Soil	78803-10 TP38x 0.0-0.5 11/09/2012 Soil	78803-16 TP36x 0.0--0.5 11/09/2012 Soil	78803-21 TP45x 0.0-0.5 11/09/2012 Soil
1,2,3-trichloropropane	mg/kg	<1	<1	<1	<1	<1
isopropylbenzene	mg/kg	<1	<1	<1	<1	<1
bromobenzene	mg/kg	<1	<1	<1	<1	<1
n-propyl benzene	mg/kg	<1	<1	<1	<1	<1
2-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
4-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
1,3,5-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
tert-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2,4-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
1,3-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
sec-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,4-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
4-isopropyl toluene	mg/kg	<1	<1	<1	<1	<1
1,2-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
n-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2-dibromo-3-chloropropane	mg/kg	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Surrogate Dibromofluorometha	%	99	100	101	101	100
Surrogate aaa-Trifluorotoluene	%	106	103	100	102	105
Surrogate Toluene-d8	%	102	102	103	103	103
Surrogate 4-Bromofluorobenzene	%	93	91	92	92	92

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-25 TP37x 0.0-0.5 11/09/2012 Soil	78803-29 TP12A 0.0-0.5 10/09/2012 Soil	78803-33 TP01A 0.0-0.5 10/09/2012 Soil	78803-37 TP02A 0.0-0.5 10/09/2012 Soil	78803-41 QA1 - 11/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Dichlorodifluoromethane	mg/kg	<1	<1	<1	<1	<1
Chloromethane	mg/kg	<1	<1	<1	<1	<1
Vinyl Chloride	mg/kg	<1	<1	<1	<1	<1
Bromomethane	mg/kg	<1	<1	<1	<1	<1
Chloroethane	mg/kg	<1	<1	<1	<1	<1
Trichlorofluoromethane	mg/kg	<1	<1	<1	<1	<1
1,1-Dichloroethene	mg/kg	<1	<1	<1	<1	<1
trans-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
1,1-dichloroethane	mg/kg	<1	<1	<1	<1	<1
cis-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
bromochloromethane	mg/kg	<1	<1	<1	<1	<1
chloroform	mg/kg	<1	<1	<1	<1	<1
2,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1,1-trichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1-dichloropropene	mg/kg	<1	<1	<1	<1	<1
Cyclohexane	mg/kg	<1	<1	<1	<1	<1
carbon tetrachloride	mg/kg	<1	<1	<1	<1	<1
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
dibromomethane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
trichloroethene	mg/kg	<1	<1	<1	<1	<1
bromodichloromethane	mg/kg	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
1,1,2-trichloroethane	mg/kg	<1	<1	<1	<1	<1
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichloropropane	mg/kg	<1	<1	<1	<1	<1
dibromochloromethane	mg/kg	<1	<1	<1	<1	<1
1,2-dibromoethane	mg/kg	<1	<1	<1	<1	<1
tetrachloroethene	mg/kg	<1	<1	<1	<1	<1
1,1,1,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
chlorobenzene	mg/kg	<1	<1	<1	<1	<1
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
bromoform	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
styrene	mg/kg	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
o-Xylene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichloropropane	mg/kg	<1	<1	<1	<1	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-25 TP37x 0.0-0.5 11/09/2012 Soil	78803-29 TP12A 0.0-0.5 10/09/2012 Soil	78803-33 TP01A 0.0-0.5 10/09/2012 Soil	78803-37 TP02A 0.0-0.5 10/09/2012 Soil	78803-41 QA1 - 11/09/2012 Soil
isopropylbenzene	mg/kg	<1	<1	<1	<1	<1
bromobenzene	mg/kg	<1	<1	<1	<1	<1
n-propyl benzene	mg/kg	<1	<1	<1	<1	<1
2-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
4-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
1,3,5-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
tert-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2,4-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
1,3-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
sec-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,4-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
4-isopropyl toluene	mg/kg	<1	<1	<1	<1	<1
1,2-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
n-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2-dibromo-3-chloropropane	mg/kg	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Surrogate Dibromofluorometha	%	100	105	104	104	104
Surrogate aaa-Trifluorotoluene	%	105	110	108	113	112
Surrogate Toluene-d8	%	102	105	105	106	105
Surrogate 4-Bromofluorobenzene	%	91	93	93	92	93

VTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-1 TP46x 0.0-0.05 11/09/2012 Soil	78803-2 TP46x 0.1-0.15 11/09/2012 Soil	78803-5 TP43x 0.0-0.5 11/09/2012 Soil	78803-7 TP43x 0.1-0.15 11/09/2012 material	78803-10 TP38x 0.0-0.5 11/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
TRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	106	105	103	107	100

VTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-13 TP38x 0.1-0.15 11/09/2012 Soil	78803-16 TP36x 0.0-0.5 11/09/2012 Soil	78803-18 TP36x 0.45-0.55B 11/09/2012 Soil	78803-21 TP45x 0.0-0.5 11/09/2012 Soil	78803-24 TP45x 0.95-1.05 11/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
TRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	103	102	100	105	102

VTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-25 TP37x 0.0-0.5 11/09/2012 Soil	78803-27 TP37x 0.45-0.55 11/09/2012 Soil	78803-29 TP12A 0.0-0.5 10/09/2012 Soil	78803-31 TP12A 0.45-0.55 10/09/2012 Soil	78803-33 TP01A 0.0-0.5 10/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
TRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	105	83	103	98	104

VTRH & BTEX in Soil						
Our Reference:	UNITS	78803-34	78803-37	78803-38	78803-41	78803-42
Your Reference	-----	TP01A	TP02A	TP02A	QA1	QA3
Depth	-----	0.1-0.15	0.0-0.5	0.1-0.15	-	-
Date Sampled		10/09/2012	10/09/2012	10/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
TRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	104	106	108	103	101

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	78803-1	78803-2	78803-5	78803-7	78803-10
Your Reference	-----	TP46x	TP46x	TP43x	TP43x	TP38x
Depth	-----	0.0-0.05	0.1-0.15	0.0-0.5	0.1-0.15	0.0-0.5
Date Sampled		11/09/2012	11/09/2012	11/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	material	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	78	86	87	90	91

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	78803-13	78803-16	78803-18	78803-21	78803-24
Your Reference	-----	TP38x	TP36x	TP36x	TP45x	TP45x
Depth	-----	0.1-0.15	0.0-0.5	0.45-0.55B	0.0-0.5	0.95-1.05
Date Sampled		11/09/2012	11/09/2012	11/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	91	97	91	88	90

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	78803-25	78803-27	78803-29	78803-31	78803-33
Your Reference	-----	TP37x	TP37x	TP12A	TP12A	TP01A
Depth	-----	0.0-0.5	0.45-0.55	0.0-0.5	0.45-0.55	0.0-0.5
Date Sampled		11/09/2012	11/09/2012	10/09/2012	10/09/2012	10/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	91	91	86	88	88

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	78803-34	78803-37	78803-38	78803-41	78803-42
Your Reference	-----	TP01A	TP02A	TP02A	QA1	QA3
Depth	-----	0.1-0.15	0.0-0.5	0.1-0.15	-	-
Date Sampled		10/09/2012	10/09/2012	10/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	87	91	88	89	85

Organochlorine Pesticides in soil						
Our Reference:	UNITS	78803-1	78803-2	78803-5	78803-7	78803-10
Your Reference	-----	TP46x	TP46x	TP43x	TP43x	TP38x
Depth	-----	0.0-0.05	0.1-0.15	0.0-0.5	0.1-0.15	0.0-0.5
Date Sampled		11/09/2012	11/09/2012	11/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	material	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	82	99	108	104	110

Organochlorine Pesticides in soil						
Our Reference:	UNITS	78803-13	78803-16	78803-18	78803-21	78803-24
Your Reference	-----	TP38x	TP36x	TP36x	TP45x	TP45x
Depth	-----	0.1-0.15	0.0-0.5	0.45-0.55B	0.0-0.5	0.95-1.05
Date Sampled		11/09/2012	11/09/2012	11/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	104	117	110	104	108

Organochlorine Pesticides in soil						
Our Reference:	UNITS	78803-25	78803-27	78803-29	78803-31	78803-33
Your Reference	-----	TP37x	TP37x	TP12A	TP12A	TP01A
Depth	-----	0.0-0.5	0.45-0.55	0.0-0.5	0.45-0.55	0.0-0.5
Date Sampled		11/09/2012	11/09/2012	10/09/2012	10/09/2012	10/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	103	107	103	106	112

Organochlorine Pesticides in soil						
Our Reference:	UNITS	78803-34	78803-37	78803-38	78803-41	78803-42
Your Reference	-----	TP01A	TP02A	TP02A	QA1	QA3
Depth	-----	0.1-0.15	0.0-0.5	0.1-0.15	-	-
Date Sampled		10/09/2012	10/09/2012	10/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	105	113	107	112	101

PCBs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-1 TP46x 0.0-0.05 11/09/2012 Soil	78803-5 TP43x 0.0-0.5 11/09/2012 Soil	78803-10 TP38x 0.0-0.5 11/09/2012 Soil	78803-16 TP36x 0.0-0.5 11/09/2012 Soil	78803-21 TP45x 0.0-0.5 11/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	82	108	110	117	104

PCBs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-25 TP37x 0.0-0.5 11/09/2012 Soil	78803-29 TP12A 0.0-0.5 10/09/2012 Soil	78803-33 TP01A 0.0-0.5 10/09/2012 Soil	78803-37 TP02A 0.0-0.5 10/09/2012 Soil	78803-41 QA1 - 11/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	103	103	112	113	112

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-1 TP46x 0.0-0.05 11/09/2012 Soil	78803-2 TP46x 0.1-0.15 11/09/2012 Soil	78803-5 TP43x 0.0-0.5 11/09/2012 Soil	78803-7 TP43x 0.1-0.15 11/09/2012 material	78803-10 TP38x 0.0-0.5 11/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-1 TP46x 0.0-0.05 11/09/2012 Soil	78803-2 TP46x 0.1-0.15 11/09/2012 Soil	78803-5 TP43x 0.0-0.5 11/09/2012 Soil	78803-7 TP43x 0.1-0.15 11/09/2012 material	78803-10 TP38x 0.0-0.5 11/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-1 TP46x 0.0-0.05 11/09/2012 Soil	78803-2 TP46x 0.1-0.15 11/09/2012 Soil	78803-5 TP43x 0.0-0.5 11/09/2012 Soil	78803-7 TP43x 0.1-0.15 11/09/2012 material	78803-10 TP38x 0.0-0.5 11/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	97	92	91	93	95
Surrogate Phenol-d6	%	95	92	94	85	86
Surrogate Nitrobenzene-d5	%	86	85	91	90	95
Surrogate 2-fluorobiphenyl	%	88	84	87	89	88
Surrogate 2,4,6-Tribromophenol	%	62	67	66	72	63
Surrogate p-Terphenyl-d14	%	128	82	87	89	91

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-13 TP38x 0.1-0.15 11/09/2012 Soil	78803-16 TP36x 0.0--0.5 11/09/2012 Soil	78803-18 TP36x 0.45-0.55B 11/09/2012 Soil	78803-21 TP45x 0.0-0.5 11/09/2012 Soil	78803-24 TP45x 0.95-1.05 11/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-13 TP38x 0.1-0.15 11/09/2012 Soil	78803-16 TP36x 0.0--0.5 11/09/2012 Soil	78803-18 TP36x 0.45-0.55B 11/09/2012 Soil	78803-21 TP45x 0.0-0.5 11/09/2012 Soil	78803-24 TP45x 0.95-1.05 11/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-13 TP38x 0.1-0.15 11/09/2012 Soil	78803-16 TP36x 0.0--0.5 11/09/2012 Soil	78803-18 TP36x 0.45-0.55B 11/09/2012 Soil	78803-21 TP45x 0.0-0.5 11/09/2012 Soil	78803-24 TP45x 0.95-1.05 11/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	88	81	86	82	79
Surrogate Phenol-d6	%	77	68	86	89	91
Surrogate Nitrobenzene-d5	%	90	85	93	95	92
Surrogate 2-fluorobiphenyl	%	86	89	89	93	91
Surrogate 2,4,6-Tribromophenol	%	66	64	68	67	62
Surrogate p-Terphenyl-d14	%	91	101	94	91	100

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-25 TP37x 0.0-0.5 11/09/2012 Soil	78803-27 TP37x 0.45-0.55 11/09/2012 Soil	78803-29 TP12A 0.0-0.5 10/09/2012 Soil	78803-31 TP12A 0.45-0.55 10/09/2012 Soil	78803-33 TP01A 0.0-0.5 10/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-25 TP37x 0.0-0.5 11/09/2012 Soil	78803-27 TP37x 0.45-0.55 11/09/2012 Soil	78803-29 TP12A 0.0-0.5 10/09/2012 Soil	78803-31 TP12A 0.45-0.55 10/09/2012 Soil	78803-33 TP01A 0.0-0.5 10/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-25 TP37x 0.0-0.5 11/09/2012 Soil	78803-27 TP37x 0.45-0.55 11/09/2012 Soil	78803-29 TP12A 0.0-0.5 10/09/2012 Soil	78803-31 TP12A 0.45-0.55 10/09/2012 Soil	78803-33 TP01A 0.0-0.5 10/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	68	78	71	74	80
Surrogate Phenol-d6	%	74	75	72	82	89
Surrogate Nitrobenzene-d5	%	88	97	92	93	96
Surrogate 2-fluorobiphenyl	%	88	89	86	91	90
Surrogate 2,4,6-Tribromophenol	%	68	60	62	63	63
Surrogate p-Terphenyl-d14	%	94	93	89	102	98

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-34 TP01A 0.1-0.15 10/09/2012 Soil	78803-37 TP02A 0.0-0.5 10/09/2012 Soil	78803-38 TP02A 0.1-0.15 10/09/2012 Soil	78803-41 QA1 - 11/09/2012 Soil	78803-42 QA3 - 11/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-34 TP01A 0.1-0.15 10/09/2012 Soil	78803-37 TP02A 0.0-0.5 10/09/2012 Soil	78803-38 TP02A 0.1-0.15 10/09/2012 Soil	78803-41 QA1 - 11/09/2012 Soil	78803-42 QA3 - 11/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-34 TP01A 0.1-0.15 10/09/2012 Soil	78803-37 TP02A 0.0-0.5 10/09/2012 Soil	78803-38 TP02A 0.1-0.15 10/09/2012 Soil	78803-41 QA1 - 11/09/2012 Soil	78803-42 QA3 - 11/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	87	89	74	70	66
Surrogate Phenol-d6	%	89	90	70	70	67
Surrogate Nitrobenzene-d5	%	95	96	95	95	95
Surrogate 2-fluorobiphenyl	%	89	88	89	86	87
Surrogate 2,4,6-Tribromophenol	%	63	60	61	61	61
Surrogate p-Terphenyl-d14	%	94	87	88	94	93

Acid Extractable metals in soil						
Our Reference:	UNITS	78803-1	78803-2	78803-5	78803-7	78803-10
Your Reference	-----	TP46x	TP46x	TP43x	TP43x	TP38x
Depth	-----	0.0-0.05	0.1-0.15	0.0-0.5	0.1-0.15	0.0-0.5
Date Sampled		11/09/2012	11/09/2012	11/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	material	Soil
Date digested	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Arsenic	mg/kg	<4	<4	10	7	11
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	10	12	21	22	21
Copper	mg/kg	4	6	29	23	39
Lead	mg/kg	14	10	24	22	210
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	0.1
Nickel	mg/kg	3	4	12	9	19
Zinc	mg/kg	15	8	45	30	290
Manganese	mg/kg	350	82	300	190	750

Acid Extractable metals in soil						
Our Reference:	UNITS	78803-13	78803-16	78803-18	78803-21	78803-24
Your Reference	-----	TP38x	TP36x	TP36x	TP45x	TP45x
Depth	-----	0.1-0.15	0.0-0.5	0.45-0.55B	0.0-0.5	0.95-1.05
Date Sampled		11/09/2012	11/09/2012	11/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Arsenic	mg/kg	4	7	<4	5	7
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	17	20	10	14	20
Copper	mg/kg	15	8	10	10	22
Lead	mg/kg	16	24	12	26	14
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	5	6	6	4	5
Zinc	mg/kg	20	18	19	28	24
Manganese	mg/kg	260	1,000	660	660	50

Acid Extractable metals in soil						
Our Reference:	UNITS	78803-25	78803-27	78803-29	78803-31	78803-33
Your Reference	-----	TP37x	TP37x	TP12A	TP12A	TP01A
Depth	-----	0.0-0.5	0.45-0.55	0.0-0.5	0.45-0.55	0.0-0.5
Date Sampled		11/09/2012	11/09/2012	10/09/2012	10/09/2012	10/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Arsenic	mg/kg	7	7	<4	7	5
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	23	25	13	24	16
Copper	mg/kg	10	12	6	14	11
Lead	mg/kg	31	13	18	15	23
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	5	3	4	6	7
Zinc	mg/kg	37	8	16	12	27
Manganese	mg/kg	410	14	370	27	530

Acid Extractable metals in soil						
Our Reference:	UNITS	78803-34	78803-37	78803-38	78803-41	78803-42
Your Reference	-----	TP01A	TP02A	TP02A	QA1	QA3
Depth	-----	0.1-0.15	0.0-0.5	0.1-0.15	-	-
Date Sampled		10/09/2012	10/09/2012	10/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Arsenic	mg/kg	6	7	<4	9	5
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	18	20	16	19	17
Copper	mg/kg	11	12	17	31	14
Lead	mg/kg	23	27	10	160	20
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	7	7	7	11	5
Zinc	mg/kg	23	29	19	270	21
Manganese	mg/kg	680	1,100	110	750	490

Moisture						
Our Reference:	UNITS	78803-1	78803-2	78803-5	78803-7	78803-10
Your Reference	-----	TP46x	TP46x	TP43x	TP43x	TP38x
Depth	-----	0.0-0.05	0.1-0.15	0.0-0.5	0.1-0.15	0.0-0.5
Date Sampled		11/09/2012	11/09/2012	11/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	material	Soil
Date prepared	-	18/09/12	18/09/12	18/09/12	18/09/12	18/09/12
Date analysed	-	19/09/12	19/09/12	19/09/12	19/09/12	19/09/12
Moisture	%	9.6	13	13	12	22

Moisture						
Our Reference:	UNITS	78803-13	78803-16	78803-18	78803-21	78803-24
Your Reference	-----	TP38x	TP36x	TP36x	TP45x	TP45x
Depth	-----	0.1-0.15	0.0-0.5	0.45-0.55B	0.0-0.5	0.95-1.05
Date Sampled		11/09/2012	11/09/2012	11/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	18/09/12	18/09/12	18/09/12	18/09/12	18/09/12
Date analysed	-	19/09/12	19/09/12	19/09/12	19/09/12	19/09/12
Moisture	%	20	16	37	14	20

Moisture						
Our Reference:	UNITS	78803-25	78803-27	78803-29	78803-31	78803-33
Your Reference	-----	TP37x	TP37x	TP12A	TP12A	TP01A
Depth	-----	0.0-0.5	0.45-0.55	0.0-0.5	0.45-0.55	0.0-0.5
Date Sampled		11/09/2012	11/09/2012	10/09/2012	10/09/2012	10/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	18/09/12	18/09/12	18/09/12	18/09/12	18/09/12
Date analysed	-	19/09/12	19/09/12	19/09/12	19/09/12	19/09/12
Moisture	%	20	19	18	20	21

Moisture						
Our Reference:	UNITS	78803-34	78803-37	78803-38	78803-41	78803-42
Your Reference	-----	TP01A	TP02A	TP02A	QA1	QA3
Depth	-----	0.1-0.15	0.0-0.5	0.1-0.15	-	-
Date Sampled		10/09/2012	10/09/2012	10/09/2012	11/09/2012	11/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	18/09/12	18/09/12	18/09/12	18/09/12	18/09/12
Date analysed	-	19/09/12	19/09/12	19/09/12	19/09/12	19/09/12
Moisture	%	16	13	17	19	18

Asbestos ID - soils WA Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-1 TP46x 0.0-0.05 11/09/2012 Soil	78803-5 TP43x 0.0-0.5 11/09/2012 Soil	78803-10 TP38x 0.0-0.5 11/09/2012 Soil	78803-16 TP36x 0.0-0.5 11/09/2012 Soil	78803-21 TP45x 0.0-0.5 11/09/2012 Soil
Date analysed	-	27/09/2012	27/09/2012	27/09/2012	27/09/2012	27/09/2012
Sample mass tested	g	546.01g	494.16g	415.88g	640.79g	497.17g
Sample Description	-	Light brown fine-grained soil	Brown coarse-grained soil & debris	Brown coarse-grained soil & debris	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
Trace Analysis	-	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected

Asbestos ID - soils WA Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78803-25 TP37x 0.0-0.5 11/09/2012 Soil	78803-29 TP12A 0.0-0.5 10/09/2012 Soil	78803-33 TP01A 0.0-0.5 10/09/2012 Soil	78803-37 TP02A 0.0-0.5 10/09/2012 Soil	78803-41 QA1 - 11/09/2012 Soil
Date analysed	-	27/09/2012	27/09/2012	27/09/2012	27/09/2012	27/09/2012
Sample mass tested	g	617.89g	575.11g	526.67g	663.22g	439.73g
Sample Description	-	Brown coarse-grained soil & debris	Brown fine-grained soil	Brown coarse-grained soil & debris	Brown coarse-grained soil & debris	Brown coarse-grained soil & debris
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
Trace Analysis	-	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected

Asbestos ID - materials				
Our Reference:	UNITS	78803-6	78803-11	78803-12
Your Reference	-----	TP43x	TP38x	TP38x
Depth	-----	0.0-0.5F	0.0-0.5F	0.0-0.5SF
Date Sampled		11/09/2012	11/09/2012	11/09/2012
Type of sample		material	material	material
Date analysed	-	20/09/2012	20/09/2012	20/09/2012
Mass / Dimension of Sample	-	165x60x20 mm	143x71x10 mm	33x26x4mm
Sample Description	-	Grey compressed fibre cement material	Beige compressed fibre cement material	Beige compressed fibre cement material
Asbestos ID in materials	-	Chrysotile asbestos detected Amosite asbestos detected	Chrysotile asbestos detected Amosite asbestos detected	Chrysotile asbestos detected

vTRH & BTEX in Water			
Our Reference:	UNITS	78803-44	78803-45
Your Reference	-----	TS	TB
Depth	-----	-	-
Date Sampled		11/09/2012	11/09/2012
Type of sample		water	water
Date extracted	-	17/09/2012	17/09/2012
Date analysed	-	17/09/2012	17/09/2012
TRHC ₆ - C ₉	µg/L	[NA]	<10
Benzene	µg/L	99%	<1
Toluene	µg/L	105%	<1
Ethylbenzene	µg/L	106%	<1
m+p-xylene	µg/L	108%	<2
o-xylene	µg/L	108%	<1
Surrogate Dibromofluoromethane	%	105	104
Surrogate toluene-d8	%	101	100
Surrogate 4-BFB	%	100	101

Method ID	Methodology Summary
Org-014	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
Org-016	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS.
Org-003	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID.
Org-005	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
Org-006	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD.
Org-012	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS.
Metals-020 ICP-AES	Determination of various metals by ICP-AES.
Metals-021 CV-AAS	Determination of Mercury by Cold Vapour AAS.
Inorg-008	Moisture content determined by heating at 105 deg C for a minimum of 4 hours.
ASB-001	Asbestos ID - Qualitative identification of asbestos in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques including Synthetic Mineral Fibre and Organic Fibre as per Australian Standard 4964-2004.
ASB-003	Asbestos ID - Minimum 500mL soil sample was analysed as recommended by "The Guidelines from the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia - May 2009" with a reporting limit of 0.1g/kg as per AS4964-2004.

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
VOCs in soil						Base Duplicate %RPD		
Date extracted	-			[NT]	78803-1	18/09/2012 18/09/2012	LCS-8	18/09/2012
Date analysed	-			[NT]	78803-1	19/09/2012 19/09/2012	LCS-8	19/09/2012
Dichlorodifluoromethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
Chloromethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
Vinyl Chloride	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
Bromomethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
Chloroethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
Trichlorofluoromethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,1-Dichloroethene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
trans-1,2-dichloroethene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,1-dichloroethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	LCS-8	97%
cis-1,2-dichloroethene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
bromochloromethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
chloroform	mg/kg	1	Org-014	<1	78803-1	<1 <1	LCS-8	93%
2,2-dichloropropane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,2-dichloroethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	LCS-8	95%
1,1,1-trichloroethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	LCS-8	96%
1,1-dichloropropene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
Cyclohexane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
carbon tetrachloride	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
Benzene	mg/kg	0.2	Org-014	<0.2	78803-1	<0.2 <0.2	[NR]	[NR]
dibromomethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,2-dichloropropane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
trichloroethene	mg/kg	1	Org-014	<1	78803-1	<1 <1	LCS-8	82%
bromodichloromethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	LCS-8	97%
trans-1,3-dichloropropene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
cis-1,3-dichloropropene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,1,2-trichloroethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
Toluene	mg/kg	0.5	Org-014	<0.5	78803-1	<0.5 <0.5	[NR]	[NR]
1,3-dichloropropane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
dibromochloromethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	LCS-8	100%
1,2-dibromoethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
tetrachloroethene	mg/kg	1	Org-014	<1	78803-1	<1 <1	LCS-8	95%
1,1,1,2-tetrachloroethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
chlorobenzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
Ethylbenzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
bromoform	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
m+p-xylene	mg/kg	2	Org-014	<2	78803-1	<2 <2	[NR]	[NR]
styrene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,1,2,2-tetrachloroethane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
o-Xylene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,2,3-trichloropropane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
isopropylbenzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
VOCs in soil						Base Duplicate %RPD		
bromobenzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
n-propyl benzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
2-chlorotoluene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
4-chlorotoluene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,3,5-trimethyl benzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
tert-butyl benzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,2,4-trimethyl benzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,3-dichlorobenzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
sec-butyl benzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,4-dichlorobenzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
4-isopropyl toluene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,2-dichlorobenzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
n-butyl benzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,2-dibromo-3-chloropropane	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,2,4-trichlorobenzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
hexachlorobutadiene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
1,2,3-trichlorobenzene	mg/kg	1	Org-014	<1	78803-1	<1 <1	[NR]	[NR]
Surrogate Dibromofluorometha	%		Org-014	[NT]	78803-1	99 100 RPD: 1	LCS-8	102%
Surrogate aaa-Trifluorotoluene	%		Org-014	[NT]	78803-1	106 107 RPD: 1	LCS-8	113%
Surrogate Toluene-d8	%		Org-014	[NT]	78803-1	102 103 RPD: 1	LCS-8	101%
Surrogate 4-Bromofluorobenzene	%		Org-014	[NT]	78803-1	93 92 RPD: 1	LCS-8	93%

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QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
vTRH & BTEX in Soil						Base II Duplicate II %RPD		
Date extracted	-			[NT]	78803-1	18/09/2012 18/09/2012	LCS-8	18/09/2012
Date analysed	-			[NT]	78803-1	19/09/2012 19/09/2012	LCS-8	19/09/2012
TRHC ₆ - C ₉	mg/kg	25	Org-016	<25	78803-1	<25 <25	LCS-8	116%
Benzene	mg/kg	0.2	Org-016	<0.2	78803-1	<0.2 <0.2	LCS-8	125%
Toluene	mg/kg	0.5	Org-016	<0.5	78803-1	<0.5 <0.5	LCS-8	117%
Ethylbenzene	mg/kg	1	Org-016	<1	78803-1	<1 <1	LCS-8	112%
m+p-xylene	mg/kg	2	Org-016	<2	78803-1	<2 <2	LCS-8	114%
o-Xylene	mg/kg	1	Org-016	<1	78803-1	<1 <1	LCS-8	104%
Surrogate aaa-Trifluorotoluene	%		Org-016	[NT]	78803-1	106 107 RPD: 1	LCS-8	108%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
sTRH in Soil (C10-C36)						Base II Duplicate II %RPD		
Date extracted	-			[NT]	78803-1	18/09/2012 18/09/2012	LCS-8	18/09/2012
Date analysed	-			[NT]	78803-1	19/09/2012 19/09/2012	LCS-8	19/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	50	Org-003	<50	78803-1	<50 <50	LCS-8	85%
TRHC ₁₅ - C ₂₈	mg/kg	100	Org-003	<100	78803-1	<100 <100	LCS-8	101%
TRHC ₂₉ - C ₃₆	mg/kg	100	Org-003	<100	78803-1	<100 <100	LCS-8	89%
Surrogate o-Terphenyl	%		Org-003	[NT]	78803-1	78 80 RPD: 3	LCS-8	95%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Organochlorine Pesticides in soil						Base II Duplicate II %RPD		
Date extracted	-			[NT]	78803-1	18/09/2012 18/09/2012	LCS-8	18/09/2012
Date analysed	-			[NT]	78803-1	19/09/2012 19/09/2012	LCS-8	19/09/2012
HCB	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
alpha-BHC	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	LCS-8	84%
gamma-BHC	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
beta-BHC	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	LCS-8	127%
Heptachlor	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	LCS-8	114%
delta-BHC	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Aldrin	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	LCS-8	123%
Heptachlor Epoxide	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	LCS-8	118%
gamma-Chlordane	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
alpha-chlordane	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Endosulfan I	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
pp-DDE	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	LCS-8	118%
Dieldrin	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	LCS-8	115%
Endrin	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	LCS-8	109%
pp-DDD	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	LCS-8	113%
Endosulfan II	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
pp-DDT	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	LCS-8	99%
Methoxychlor	mg/kg	0.1	Org-005	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Surrogate TCMX	%		Org-005	[NT]	78803-1	82 87 RPD: 6	LCS-8	114%

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QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
PCBs in Soil						Base II Duplicate II %RPD		
Date extracted	-			[NT]	78803-1	18/09/2012 18/09/2012	LCS-8	18/09/2012
Date analysed	-			[NT]	78803-1	19/09/2012 19/09/2012	LCS-8	19/09/2012
Arochlor 1016	mg/kg	0.1	Org-006	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Arochlor 1221	mg/kg	0.1	Org-006	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	0.1	Org-006	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	0.1	Org-006	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	0.1	Org-006	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	0.1	Org-006	<0.1	78803-1	<0.1 <0.1	LCS-8	119%
Arochlor 1260	mg/kg	0.1	Org-006	<0.1	78803-1	<0.1 <0.1	[NR]	[NR]
Surrogate TCLMX	%		Org-006	[NT]	78803-1	82 87 RPD: 6	LCS-8	78%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base II Duplicate II %RPD		
Date extracted	-			[NT]	78803-1	18/09/2012 18/09/2012	LCS-8	18/09/2012
Date analysed	-			[NT]	78803-1	19/09/2012 19/09/2012	LCS-8	18/09/2012
Phenol	mg/kg	1	Org-012	<1	78803-1	<1 <1	LCS-8	98%
Bis-(2-chloroethyl) ether	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2-Chlorophenol	mg/kg	1	Org-012	<1	78803-1	<1 <1	LCS-8	97%
1,3-Dichlorobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
1,4-Dichlorobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	LCS-8	107%
2-Methylphenol	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
1,2-Dichlorobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Bis (2-chloroisopropyl) ether	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
3/4-Methylphenol	mg/kg	2	Org-012	<2	78803-1	<2 <2	[NR]	[NR]
N-nitrosodi-n-propylamine	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Hexachloroethane	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Nitrobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Isophorone	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2,4-Dimethylphenol	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2-Nitrophenol	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Bis(2-chloroethoxy) methane	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2,4-Dichlorophenol	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
1,2,4-Trichlorobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Naphthalene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
4-Chloroaniline	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Hexachlorobutadiene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2-Methylnaphthalene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Hexachlorocyclopentadiene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2,4,6-trichlorophenol	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2,4,5-trichlorophenol	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2-Chloronaphthalene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2-nitroaniline	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base Duplicate %RPD		
Dimethylphthalate	mg/kg	1	Org-012	<1	78803-1	<1 <1	LCS-8	98%
2,6-Dinitrotoluene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Acenaphthylene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
3-Nitroaniline	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Acenaphthene	mg/kg	1	Org-012	<1	78803-1	<1 <1	LCS-8	101%
2,4-dinitrophenol	mg/kg	10	Org-012	<10	78803-1	<10 <10	[NR]	[NR]
4-nitrophenol	mg/kg	10	Org-012	<10	78803-1	<10 <10	LCS-8	92%
Dibenzofuran	mg/kg	1	Org-012	<1	78803-1	<1 <1	LCS-8	100%
diethylphthalate	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
4-chlorophenylphenylether	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
4-nitroaniline	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Fluorene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2-methyl-4,6-dinitrophenol	mg/kg	10	Org-012	<10	78803-1	<10 <10	[NR]	[NR]
azobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
4-bromophenylphenylether	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
hexachlorobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
pentachlorophenol	mg/kg	10	Org-012	<10	78803-1	<10 <10	[NR]	[NR]
Phenanthrene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Anthracene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
carbazole	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
di-n-butylphthalate	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Fluoranthene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Pyrene	mg/kg	1	Org-012	<1	78803-1	<1 <1	LCS-8	102%
butylbenzylphthalate	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
bis(2-ethylhexyl)phthalate	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Benzo(a)anthracene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Chrysene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
di-n-octylphthalate	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Benzo(b)fluoranthene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Benzo(k)fluoranthene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Benzo(a)pyrene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Indeno(1,2,3-c,d)pyrene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
ethylmethanesulfonate	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
aniline	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
pentachloroethane	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
benzyl alcohol	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
acetophenone	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
N-nitrosomorpholine	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
N-nitrosopiperidine	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2,6-dichlorophenol	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base Duplicate %RPD		
hexachloropropene-1	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
N-nitroso-n-butylamine	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
safrole	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
1,2,4,5-tetrachlorobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
cis and trans iso-safrole	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
1,3-dinitrobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
pentachlorobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
1-naphthylamine	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2,3,4,6-tetrachlorophenol	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2-naphthylamine	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
5-nitro-o-toluidine	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
diphenylamine	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
phenacetin	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
pentachloronitrobenzene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
dinoseb	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
methapyrilene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
p-dimethylaminoazobenzen e	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
2-acetylaminofluorene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
7,12-dimethylbenz(a) anthracene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
3-methylcholanthrene	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
a-BHC	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
b-BHC	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
g-BHC	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
d-BHC	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Heptachlor	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Aldrin	mg/kg	1	Org-012	<1	78803-1	<1 <1	LCS-8	91%
Heptachlor Epoxide	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
g-Chlordane	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
a-Chlordane	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Endosulfan I	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
p,p'-DDE	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Dieldrin	mg/kg	1	Org-012	<1	78803-1	<1 <1	LCS-8	92%
Endrin	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
p,p'-DDD	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Endosulfan II	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
p,p'-DDT	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Methoxychlor	mg/kg	1	Org-012	<1	78803-1	<1 <1	[NR]	[NR]
Surrogate 2-fluorophenol	%		Org-012	[NT]	78803-1	97 97 RPD: 0	LCS-8	92%
Surrogate Phenol-d6	%		Org-012	[NT]	78803-1	95 98 RPD: 3	LCS-8	99%
Surrogate Nitrobenzene-d5	%		Org-012	[NT]	78803-1	86 90 RPD: 5	LCS-8	85%
Surrogate 2-fluorobiphenyl	%		Org-012	[NT]	78803-1	88 80 RPD: 10	LCS-8	89%

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QUALITYCONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base II Duplicate II %RPD		
Surrogate 2,4,6-Tribromophenol	%		Org-012	[NT]	78803-1	62 63 RPD: 2	LCS-8	63%
Surrogate p-Terphenyl-d14	%		Org-012	[NT]	78803-1	128 74 RPD: 53	LCS-8	90%
QUALITYCONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Acid Extractable metals in soil						Base II Duplicate II %RPD		
Date digested	-			[NT]	78803-1	18/09/2012 18/09/2012	LCS-1	18/09/2012
Date analysed	-			[NT]	78803-1	18/09/2012 18/09/2012	LCS-1	18/09/2012
Arsenic	mg/kg	4	Metals-020 ICP-AES	<4	78803-1	<4 <4	LCS-1	95%
Cadmium	mg/kg	0.5	Metals-020 ICP-AES	<0.5	78803-1	<0.5 <0.5	LCS-1	98%
Chromium	mg/kg	1	Metals-020 ICP-AES	<1	78803-1	10 12 RPD: 18	LCS-1	101%
Copper	mg/kg	1	Metals-020 ICP-AES	<1	78803-1	4 4 RPD: 0	LCS-1	101%
Lead	mg/kg	1	Metals-020 ICP-AES	<1	78803-1	14 17 RPD: 19	LCS-1	99%
Mercury	mg/kg	0.1	Metals-021 CV-AAS	<0.1	78803-1	<0.1 <0.1	LCS-1	110%
Nickel	mg/kg	1	Metals-020 ICP-AES	<1	78803-1	3 3 RPD: 0	LCS-1	98%
Zinc	mg/kg	1	Metals-020 ICP-AES	<1	78803-1	15 15 RPD: 0	LCS-1	99%
Manganese	mg/kg	1	Metals-020 ICP-AES	<1	78803-1	350 280 RPD: 22	LCS-1	103%

QUALITY CONTROL Moisture	UNITS	PQL	METHOD	Blank				
Date prepared	-			[NT]				
Date analysed	-			[NT]				
Moisture	%	0.1	Inorg-008	<0.1				
QUALITY CONTROL Asbestos ID - soils WA	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date analysed	-			[NT]	[NT]	[NT]	[NR]	[NR]
QUALITY CONTROL Asbestos ID - materials	UNITS	PQL	METHOD	Blank				
Date analysed	-			[NT]				
QUALITY CONTROL vTRH & BTEX in Water	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			[NT]	[NT]	[NT]	LCS-W1	17/09/2012
Date analysed	-			[NT]	[NT]	[NT]	LCS-W1	17/09/2012
TRHC ₆ - C ₉	µg/L	10	Org-016	<10	[NT]	[NT]	LCS-W1	99%
Benzene	µg/L	1	Org-016	<1	[NT]	[NT]	LCS-W1	99%
Toluene	µg/L	1	Org-016	<1	[NT]	[NT]	LCS-W1	101%
Ethylbenzene	µg/L	1	Org-016	<1	[NT]	[NT]	LCS-W1	96%
m+p-xylene	µg/L	2	Org-016	<2	[NT]	[NT]	LCS-W1	99%
o-xylene	µg/L	1	Org-016	<1	[NT]	[NT]	LCS-W1	98%
Surrogate	%		Org-016	[NT]	[NT]	[NT]	LCS-W1	107%
Dibromofluoromethane								
Surrogate toluene-d8	%		Org-016	[NT]	[NT]	[NT]	LCS-W1	102%
Surrogate 4-BFB	%		Org-016	[NT]	[NT]	[NT]	LCS-W1	104%
QUALITY CONTROL VOCs in soil	UNITS	Dup. Sm#		Duplicate Base + Duplicate + %RPD		Spike Sm#	Spike % Recovery	
Date extracted	-	[NT]		[NT]		78803-5	18/09/2012	
Date analysed	-	[NT]		[NT]		78803-5	19/09/2012	
Dichlorodifluoromethane	mg/kg	[NT]		[NT]		[NR]	[NR]	
Chloromethane	mg/kg	[NT]		[NT]		[NR]	[NR]	
Vinyl Chloride	mg/kg	[NT]		[NT]		[NR]	[NR]	
Bromomethane	mg/kg	[NT]		[NT]		[NR]	[NR]	
Chloroethane	mg/kg	[NT]		[NT]		[NR]	[NR]	
Trichlorofluoromethane	mg/kg	[NT]		[NT]		[NR]	[NR]	
1,1-Dichloroethene	mg/kg	[NT]		[NT]		[NR]	[NR]	
trans-1,2-dichloroethene	mg/kg	[NT]		[NT]		[NR]	[NR]	
1,1-dichloroethane	mg/kg	[NT]		[NT]		78803-5	87%	
cis-1,2-dichloroethene	mg/kg	[NT]		[NT]		[NR]	[NR]	
bromochloromethane	mg/kg	[NT]		[NT]		[NR]	[NR]	
chloroform	mg/kg	[NT]		[NT]		78803-5	85%	
2,2-dichloropropane	mg/kg	[NT]		[NT]		[NR]	[NR]	
1,2-dichloroethane	mg/kg	[NT]		[NT]		78803-5	86%	
1,1,1-trichloroethane	mg/kg	[NT]		[NT]		78803-5	85%	

QUALITY CONTROL VOCs in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
1,1-dichloropropene	mg/kg	[NT]	[NT]	[NR]	[NR]
Cyclohexane	mg/kg	[NT]	[NT]	[NR]	[NR]
carbon tetrachloride	mg/kg	[NT]	[NT]	[NR]	[NR]
Benzene	mg/kg	[NT]	[NT]	[NR]	[NR]
dibromomethane	mg/kg	[NT]	[NT]	[NR]	[NR]
1,2-dichloropropane	mg/kg	[NT]	[NT]	[NR]	[NR]
trichloroethene	mg/kg	[NT]	[NT]	78803-5	75%
bromodichloromethane	mg/kg	[NT]	[NT]	78803-5	78%
trans-1,3-dichloropropene	mg/kg	[NT]	[NT]	[NR]	[NR]
cis-1,3-dichloropropene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,1,2-trichloroethane	mg/kg	[NT]	[NT]	[NR]	[NR]
Toluene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,3-dichloropropane	mg/kg	[NT]	[NT]	[NR]	[NR]
dibromochloromethane	mg/kg	[NT]	[NT]	78803-5	75%
1,2-dibromoethane	mg/kg	[NT]	[NT]	[NR]	[NR]
tetrachloroethene	mg/kg	[NT]	[NT]	78803-5	88%
1,1,1,2-tetrachloroethane	mg/kg	[NT]	[NT]	[NR]	[NR]
chlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
Ethylbenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
bromoform	mg/kg	[NT]	[NT]	[NR]	[NR]
m+p-xylene	mg/kg	[NT]	[NT]	[NR]	[NR]
styrene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,1,2,2-tetrachloroethane	mg/kg	[NT]	[NT]	[NR]	[NR]
o-Xylene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,2,3-trichloropropane	mg/kg	[NT]	[NT]	[NR]	[NR]
isopropylbenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
bromobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
n-propyl benzene	mg/kg	[NT]	[NT]	[NR]	[NR]
2-chlorotoluene	mg/kg	[NT]	[NT]	[NR]	[NR]
4-chlorotoluene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,3,5-trimethyl benzene	mg/kg	[NT]	[NT]	[NR]	[NR]
tert-butyl benzene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,2,4-trimethyl benzene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,3-dichlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
sec-butyl benzene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,4-dichlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
4-isopropyl toluene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,2-dichlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
n-butyl benzene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,2-dibromo-3-chloropropane	mg/kg	[NT]	[NT]	[NR]	[NR]
1,2,4-trichlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]

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QUALITY CONTROL VOCs in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
hexachlorobutadiene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,2,3-trichlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
Surrogate Dibromofluorometha	%	[NT]	[NT]	78803-5	100%
Surrogate aaa- Trifluorotoluene	%	[NT]	[NT]	78803-5	108%
Surrogate Toluene-d ₈	%	[NT]	[NT]	78803-5	102%
Surrogate 4- Bromofluorobenzene	%	[NT]	[NT]	78803-5	92%
QUALITY CONTROL vTRH & BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78803-27	18/09/2012 18/09/2012	78803-5	18/09/2012
Date analysed	-	78803-27	19/09/2012 19/09/2012	78803-5	19/09/2012
TRHC ₆ - C ₉	mg/kg	78803-27	<25 <25	78803-5	99%
Benzene	mg/kg	78803-27	<0.2 <0.2	78803-5	108%
Toluene	mg/kg	78803-27	<0.5 <0.5	78803-5	103%
Ethylbenzene	mg/kg	78803-27	<1 <1	78803-5	94%
m+p-xylene	mg/kg	78803-27	<2 <2	78803-5	95%
o-Xylene	mg/kg	78803-27	<1 <1	78803-5	88%
Surrogate aaa- Trifluorotoluene	%	78803-27	83 101 RPD: 20	78803-5	103%
QUALITY CONTROL sTRH in Soil (C10-C36)	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78803-27	18/09/2012 18/09/2012	78803-5	18/09/2012
Date analysed	-	78803-27	19/09/2012 19/09/2012	78803-5	19/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	78803-27	<50 <50	78803-5	87%
TRHC ₁₅ - C ₂₈	mg/kg	78803-27	<100 <100	78803-5	105%
TRHC ₂₉ - C ₃₆	mg/kg	78803-27	<100 <100	78803-5	83%
Surrogate o-Terphenyl	%	78803-27	91 90 RPD: 1	78803-5	93%
QUALITY CONTROL Organochlorine Pesticides in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78803-27	18/09/2012 18/09/2012	78803-5	18/09/2012
Date analysed	-	78803-27	19/09/2012 19/09/2012	78803-5	19/09/2012
HCB	mg/kg	78803-27	<0.1 <0.1	[NR]	[NR]
alpha-BHC	mg/kg	78803-27	<0.1 <0.1	78803-5	82%
gamma-BHC	mg/kg	78803-27	<0.1 <0.1	[NR]	[NR]
beta-BHC	mg/kg	78803-27	<0.1 <0.1	78803-5	127%
Heptachlor	mg/kg	78803-27	<0.1 <0.1	78803-5	118%
delta-BHC	mg/kg	78803-27	<0.1 <0.1	[NR]	[NR]
Aldrin	mg/kg	78803-27	<0.1 <0.1	78803-5	124%
Heptachlor Epoxide	mg/kg	78803-27	<0.1 <0.1	78803-5	119%
gamma-Chlordane	mg/kg	78803-27	<0.1 <0.1	[NR]	[NR]

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QUALITY CONTROL Organochlorine Pesticides in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
alpha-chlordane	mg/kg	78803-27	<0.1 <0.1	[NR]	[NR]
Endosulfan I	mg/kg	78803-27	<0.1 <0.1	[NR]	[NR]
pp-DDE	mg/kg	78803-27	<0.1 <0.1	78803-5	120%
Dieldrin	mg/kg	78803-27	<0.1 <0.1	78803-5	116%
Endrin	mg/kg	78803-27	<0.1 <0.1	78803-5	110%
pp-DDD	mg/kg	78803-27	<0.1 <0.1	78803-5	115%
Endosulfan II	mg/kg	78803-27	<0.1 <0.1	[NR]	[NR]
pp-DDT	mg/kg	78803-27	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	78803-27	<0.1 <0.1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	78803-27	<0.1 <0.1	78803-5	102%
Methoxychlor	mg/kg	78803-27	<0.1 <0.1	[NR]	[NR]
Surrogate TCMX	%	78803-27	107 109 RPD: 2	78803-5	110%
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	[NT]	[NT]	78803-5	18/09/2012
Date analysed	-	[NT]	[NT]	78803-5	19/09/2012
Arochlor 1016	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1221	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1232	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1242	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1248	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1254	mg/kg	[NT]	[NT]	78803-5	115%
Arochlor 1260	mg/kg	[NT]	[NT]	[NR]	[NR]
Surrogate TCMX	%	[NT]	[NT]	78803-5	83%
QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78803-27	18/09/2012 18/09/2012	78803-5	18/09/2012
Date analysed	-	78803-27	19/09/2012 19/09/2012	78803-5	18/09/2012
Phenol	mg/kg	78803-27	<1 <1	78803-5	100%
Bis-(2-chloroethyl) ether	mg/kg	78803-27	<1 <1	[NR]	[NR]
2-Chlorophenol	mg/kg	78803-27	<1 <1	78803-5	103%
1,3-Dichlorobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]
1,4-Dichlorobenzene	mg/kg	78803-27	<1 <1	78803-5	112%
2-Methylphenol	mg/kg	78803-27	<1 <1	[NR]	[NR]
1,2-Dichlorobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Bis (2-chloroisopropyl) ether	mg/kg	78803-27	<1 <1	[NR]	[NR]
3/4-Methylphenol	mg/kg	78803-27	<2 <2	[NR]	[NR]
N-nitrosodi-n-propylamine	mg/kg	78803-27	<1 <1	[NR]	[NR]
Hexachloroethane	mg/kg	78803-27	<1 <1	[NR]	[NR]
Nitrobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Isophorone	mg/kg	78803-27	<1 <1	[NR]	[NR]
2,4-Dimethylphenol	mg/kg	78803-27	<1 <1	[NR]	[NR]
2-Nitrophenol	mg/kg	78803-27	<1 <1	[NR]	[NR]
Bis(2-chloroethoxy) methane	mg/kg	78803-27	<1 <1	[NR]	[NR]
2,4-Dichlorophenol	mg/kg	78803-27	<1 <1	[NR]	[NR]
1,2,4-Trichlorobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Naphthalene	mg/kg	78803-27	<1 <1	[NR]	[NR]
4-Chloroaniline	mg/kg	78803-27	<1 <1	[NR]	[NR]
Hexachlorobutadiene	mg/kg	78803-27	<1 <1	[NR]	[NR]
2-Methylnaphthalene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Hexachlorocyclopentadiene	mg/kg	78803-27	<1 <1	[NR]	[NR]
2,4,6-trichlorophenol	mg/kg	78803-27	<1 <1	[NR]	[NR]
2,4,5-trichlorophenol	mg/kg	78803-27	<1 <1	[NR]	[NR]
2-Chloronaphthalene	mg/kg	78803-27	<1 <1	[NR]	[NR]
2-nitroaniline	mg/kg	78803-27	<1 <1	[NR]	[NR]
Dimethylphthalate	mg/kg	78803-27	<1 <1	78803-5	92%
2,6-Dinitrotoluene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Acenaphthylene	mg/kg	78803-27	<1 <1	[NR]	[NR]
3-Nitroaniline	mg/kg	78803-27	<1 <1	[NR]	[NR]
Acenaphthene	mg/kg	78803-27	<1 <1	78803-5	96%
2,4-dinitrophenol	mg/kg	78803-27	<10 <10	[NR]	[NR]
4-nitrophenol	mg/kg	78803-27	<10 <10	78803-5	104%
Dibenzofuran	mg/kg	78803-27	<1 <1	[NR]	[NR]
diethylphthalate	mg/kg	78803-27	<1 <1	78803-5	94%
4-chlorophenylphenylether	mg/kg	78803-27	<1 <1	[NR]	[NR]
4-nitroaniline	mg/kg	78803-27	<1 <1	[NR]	[NR]
Fluorene	mg/kg	78803-27	<1 <1	[NR]	[NR]
2-methyl-4,6-dinitrophenol	mg/kg	78803-27	<10 <10	[NR]	[NR]
azobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]
4-bromophenylphenylether	mg/kg	78803-27	<1 <1	[NR]	[NR]
hexachlorobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]
pentachlorophenol	mg/kg	78803-27	<10 <10	[NR]	[NR]
Phenanthrene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Anthracene	mg/kg	78803-27	<1 <1	[NR]	[NR]
carbazole	mg/kg	78803-27	<1 <1	[NR]	[NR]
di-n-butylphthalate	mg/kg	78803-27	<1 <1	[NR]	[NR]
Fluoranthene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Pyrene	mg/kg	78803-27	<1 <1	78803-5	94%
butylbenzylphthalate	mg/kg	78803-27	<1 <1	[NR]	[NR]
bis(2-ethylhexyl)phthalate	mg/kg	78803-27	<1 <1	[NR]	[NR]
Benzo(a)anthracene	mg/kg	78803-27	<1 <1	[NR]	[NR]

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Chrysene	mg/kg	78803-27	<1 <1	[NR]	[NR]
di-n-octylphthalate	mg/kg	78803-27	<1 <1	[NR]	[NR]
Benzo(b)fluoranthene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Benzo(k)fluoranthene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Benzo(a)pyrene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Indeno(1,2,3-c,d)pyrene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	78803-27	<1 <1	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	78803-27	<1 <1	[NR]	[NR]
ethylmethanesulfonate	mg/kg	78803-27	<1 <1	[NR]	[NR]
aniline	mg/kg	78803-27	<1 <1	[NR]	[NR]
pentachloroethane	mg/kg	78803-27	<1 <1	[NR]	[NR]
benzyl alcohol	mg/kg	78803-27	<1 <1	[NR]	[NR]
acetophenone	mg/kg	78803-27	<1 <1	[NR]	[NR]
N-nitrosomorpholine	mg/kg	78803-27	<1 <1	[NR]	[NR]
N-nitrosopiperidine	mg/kg	78803-27	<1 <1	[NR]	[NR]
2,6-dichlorophenol	mg/kg	78803-27	<1 <1	[NR]	[NR]
hexachloropropene-1	mg/kg	78803-27	<1 <1	[NR]	[NR]
N-nitroso-n-butylamine	mg/kg	78803-27	<1 <1	[NR]	[NR]
safrole	mg/kg	78803-27	<1 <1	[NR]	[NR]
1,2,4,5-tetrachlorobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]
cis and trans iso-safrole	mg/kg	78803-27	<1 <1	[NR]	[NR]
1,3-dinitrobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]
pentachlorobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]
1-naphthylamine	mg/kg	78803-27	<1 <1	[NR]	[NR]
2,3,4,6-tetrachlorophenol	mg/kg	78803-27	<1 <1	[NR]	[NR]
2-naphthylamine	mg/kg	78803-27	<1 <1	[NR]	[NR]
5-nitro-o-toluidine	mg/kg	78803-27	<1 <1	[NR]	[NR]
diphenylamine	mg/kg	78803-27	<1 <1	[NR]	[NR]
phenacetin	mg/kg	78803-27	<1 <1	[NR]	[NR]
pentachloronitrobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]
dinoseb	mg/kg	78803-27	<1 <1	[NR]	[NR]
methapyrilene	mg/kg	78803-27	<1 <1	[NR]	[NR]
p- dimethylaminoazobenzene	mg/kg	78803-27	<1 <1	[NR]	[NR]
2-acetylaminofluorene	mg/kg	78803-27	<1 <1	[NR]	[NR]
7,12-dimethylbenz(a) anthracene	mg/kg	78803-27	<1 <1	[NR]	[NR]
3-methylcholanthrene	mg/kg	78803-27	<1 <1	[NR]	[NR]
a-BHC	mg/kg	78803-27	<1 <1	[NR]	[NR]
b-BHC	mg/kg	78803-27	<1 <1	[NR]	[NR]
g-BHC	mg/kg	78803-27	<1 <1	[NR]	[NR]
d-BHC	mg/kg	78803-27	<1 <1	[NR]	[NR]

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Heptachlor	mg/kg	78803-27	<1 <1	[NR]	[NR]
Aldrin	mg/kg	78803-27	<1 <1	78803-5	94%
Heptachlor Epoxide	mg/kg	78803-27	<1 <1	[NR]	[NR]
g-Chlordane	mg/kg	78803-27	<1 <1	[NR]	[NR]
a-Chlordane	mg/kg	78803-27	<1 <1	[NR]	[NR]
Endosulfan I	mg/kg	78803-27	<1 <1	[NR]	[NR]
p,p'-DDE	mg/kg	78803-27	<1 <1	[NR]	[NR]
Dieldrin	mg/kg	78803-27	<1 <1	78803-5	92%
Endrin	mg/kg	78803-27	<1 <1	[NR]	[NR]
p,p'-DDD	mg/kg	78803-27	<1 <1	[NR]	[NR]
Endosulfan II	mg/kg	78803-27	<1 <1	[NR]	[NR]
p,p'-DDT	mg/kg	78803-27	<1 <1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	78803-27	<1 <1	[NR]	[NR]
Methoxychlor	mg/kg	78803-27	<1 <1	[NR]	[NR]
Surrogate 2-fluorophenol	%	78803-27	78 83 RPD: 6	78803-5	96%
Surrogate Phenol-d ₆	%	78803-27	75 92 RPD: 20	78803-5	104%
Surrogate Nitrobenzene-d ₅	%	78803-27	97 93 RPD: 4	78803-5	92%
Surrogate 2-fluorobiphenyl	%	78803-27	89 89 RPD: 0	78803-5	85%
Surrogate 2,4,6-Tribromophenol	%	78803-27	60 66 RPD: 10	78803-5	63%
Surrogate p-Terphenyl-d ₁₄	%	78803-27	93 98 RPD: 5	78803-5	82%
QUALITY CONTROL Acid Extractable metals in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date digested	-	78803-27	18/09/2012 18/09/2012	LCS-2	18/09/2012
Date analysed	-	78803-27	18/09/2012 18/09/2012	LCS-2	18/09/2012
Arsenic	mg/kg	78803-27	7 5 RPD: 33	LCS-2	100%
Cadmium	mg/kg	78803-27	<0.5 <0.5	LCS-2	104%
Chromium	mg/kg	78803-27	25 18 RPD: 33	LCS-2	106%
Copper	mg/kg	78803-27	12 12 RPD: 0	LCS-2	107%
Lead	mg/kg	78803-27	13 10 RPD: 26	LCS-2	103%
Mercury	mg/kg	78803-27	<0.1 <0.1	LCS-2	108%
Nickel	mg/kg	78803-27	3 3 RPD: 0	LCS-2	103%
Zinc	mg/kg	78803-27	8 8 RPD: 0	LCS-2	104%
Manganese	mg/kg	78803-27	14 11 RPD: 24	LCS-2	107%

Client Reference: S12388.01, ECBH

QUALITY CONTROL Asbestos ID - soils WA	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date analysed	-	[NT]	[NT]	[NR]	[NR]
QUALITY CONTROL Acid Extractable metals in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date digested	-	[NT]	[NT]	78803-5	18/09/2012
Date analysed	-	[NT]	[NT]	78803-5	18/09/2012
Arsenic	mg/kg	[NT]	[NT]	78803-5	84%
Cadmium	mg/kg	[NT]	[NT]	78803-5	84%
Chromium	mg/kg	[NT]	[NT]	78803-5	90%
Copper	mg/kg	[NT]	[NT]	78803-5	83%
Lead	mg/kg	[NT]	[NT]	78803-5	88%
Mercury	mg/kg	[NT]	[NT]	78803-5	105%
Nickel	mg/kg	[NT]	[NT]	78803-5	79%
Zinc	mg/kg	[NT]	[NT]	78803-5	86%
Manganese	mg/kg	[NT]	[NT]	78803-5	#
QUALITY CONTROL Asbestos ID - soils WA	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date analysed	-	[NT]	[NT]	[NR]	[NR]

Report Comments:

Acid Extractable Metals in Soil: # Percent recovery is not possible to report due to the high concentration of the element/s in the sample/s. However an acceptable recovery was obtained for the LCS.

Asbestos in Soil: This report is consistent with the analytical procedures and reporting recommendations in the Western Australian Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia - May 2009.

Asbestos ID was analysed by Approved Identifier: Kim Femia
 Asbestos ID was authorised by Approved Signatory: Lulu Guo

INS: Insufficient sample for this test

NA: Test not required

<: Less than

PQL: Practical Quantitation Limit

RPD: Relative Percent Difference

>: Greater than

NT: Not tested

NA: Test not required

LCS: Laboratory Control Sample

Quality Control Definitions

Blank: This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.

Duplicate: This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.

Matrix Spike: A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.

LCS (Laboratory Control Sample): This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.

Surrogate Spike: Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.

Matrix Spikes and LCS: Generally 70-130% for inorganics/metals; 60-140% for organics and 10-140% for SVOC and speciated phenols is acceptable.



Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
enquiries@envirolabservices.com.au
www.envirolabservices.com.au

SAMPLE RECEIPT ADVICE

Client:

CDM Smith (Sydney) Pty Ltd
Level 11, 90 Arthur St
North Sydney NSW 2060

ph: 9238 6114
Fax:

Attention: Ryan Stewart

Sample log in details:

Your reference:
Envirolab Reference:
Date received:
Date results expected to be reported:

S12388.01, ECBH
78803
13/09/12
27/09/12

Samples received in appropriate condition for analysis:	YES
No. of samples provided	4 materials, 2 waters, 39 soils
Turnaround time requested:	Standard
Temperature on receipt	Cool
Cooling Method:	Ice
Sampling Date Provided:	YES

Comments:

Samples will be held for 1 month for water samples and 2 months for soil samples from date of receipt of samples.

extra TS, TB, TP43x 0.2-0.3

Contact details:

Please direct any queries to Aileen Hie or Jacinta Hurst
ph: 02 9910 6200 fax: 02 9910 6201
email: ahie@envirolabservices.com.au or jhurst@envirolabservices.com.au

CDM Smith Australia Pty Ltd ABN 88 152 082 936
21 McLachlan Street, Fortitude Valley, Qld 4006
6 Elliott St, North Sydney 2060



EnviroLab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

Job No:

78802

Date Received:

13/9/12

Time Received:

SPW

Received by: *[Signature]*

Temp: Cool/Ambient

Cooling: Ice/Icepack
Sensitivity: Latent/Painful

Security: Integrity/Broken/None

web
email
email

www.cdmsmith.com

suttonb@cdmsmith.com

CDM Smith Australia Pty Ltd ABN 88 152 082 936
21 McLachlan Street, Fortitude Valley, Qld 4006
6 Elliott St, North Sydney 2060

web www.cdmsmith.com
email
email suttonb@cdmsmith.com

Project No: S12388.01				Lab: Envirolab				ANALYSIS REQUIRED												
Project/Site: ECBH				Lab Quote No:																
Sampled By: Ryan Stewart				Lab Batch No:																
Phone:				Date Results Required: Standard TAT																
Page 3 of 3				Sample Disposal After:																
Number of Eskies: 2				CONTAINER TYPE & PRESERVATIVE																
LAB ID	SAMPLE ID	DATE	MATRIX	Soil		Water						TPH/BTEX	Metals (8) + Manganese	SVOCs	OCs	PCBs	VOCs	Asbestos (soil/dust OR fragment)	HOLD	
				0.1-0.2 L	-	0.1-0.2 L	0.5-1.0 L	40-50ml	0.25-1 L	0.2-1.0L										
				Glass jar, unpreserved	Plastic bag	Plastic, Filtered, UNO3	Amber glass, unpreserved	Glass, unpreserved	Plastic, unpreserved	Plastic, sterile										
41	QA1	11/09/2012	Soil	1	1								1*	1*	1*	1*	1*	1*	1*	
	QA2	11/09/2012	Soil	1	1	To ALS For Analysis						1*	1*	1*	1*	1*	1*	1*		
42	QA3	11/09/2012	Soil	1	1								1	1	1	1				
	QA4	11/09/2012	Soil	1	1	To ALS For Analysis						1*	1*	1*	1*					
43	TP43X (0.2-0.3)																			
44	TS																			
45	TB																			
TOTALS				4	4								2	2	2	2	1	1	1	
Relinquished By:				Received By:				Custody Seals Intact												
NAME B. SUTTON				NAME [Signature]				Samples Received Chilled												
SIGNATURE [Signature]				SIGNATURE [Signature]				Method of Shipment												
DATE 13/9/12				DATE 13/9/12				Y N												

NOTES: * Please Send to ALS for Analysis

CDM Smith Australia Pty Ltd ABN 88 152 082 936
21 McLachlan Street, Fortitude Valley, Qld 4006
6 Elliott St, North Sydney 2060

web www.cdmsmith.com
email
email suttonb@cdmsmith.com

78803

CERTIFICATE OF ANALYSIS

78908

Client:

CDM Smith (Sydney) Pty Ltd
Level 11, 90 Arthur St
North Sydney
NSW 2060

Attention: Ryan Stewart

Sample log in details:

Your Reference:	S1288.01, ECBH
No. of samples:	1 material, 2 waters, 63 soils
Date samples received / completed instructions received	14/09/12 / 20/09/12

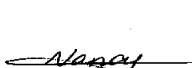
Analysis Details:

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.
Please refer to the last page of this report for any comments relating to the results.

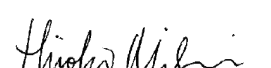
Report Details:

Date results requested by: / Issue Date: 27/09/12 / 27/09/12
Date of Preliminary Report: Not issued
NATA accreditation number 2901. This document shall not be reproduced except in full.
Accredited for compliance with ISO/IEC 17025. **Tests not covered by NATA are denoted with *.**

Results Approved By:


Nancy Zhang
Chemist


Rhian Morgan
Reporting Supervisor


Hinoko Miyazaki
Chemist


Kim Femia
Approved Signatory

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-1 TP35x 0.0-0.05 12/09/2012 Soil	78908-5 TP39x 0.0-0.5 12/09/2012 Soil	78908-9 TP41x 0.0-0.05 12/09/2012 Soil	78908-14 TP40x 0.1-0.15 12/09/2012 Soil	78908-17 TP44x 0.0-0.05 12/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Dichlorodifluoromethane	mg/kg	<1	<1	<1	<1	<1
Chloromethane	mg/kg	<1	<1	<1	<1	<1
Vinyl Chloride	mg/kg	<1	<1	<1	<1	<1
Bromomethane	mg/kg	<1	<1	<1	<1	<1
Chloroethane	mg/kg	<1	<1	<1	<1	<1
Trichlorofluoromethane	mg/kg	<1	<1	<1	<1	<1
1,1-Dichloroethene	mg/kg	<1	<1	<1	<1	<1
trans-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
1,1-dichloroethane	mg/kg	<1	<1	<1	<1	<1
cis-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
bromochloromethane	mg/kg	<1	<1	<1	<1	<1
chloroform	mg/kg	<1	<1	<1	<1	<1
2,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1,1-trichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1-dichloropropene	mg/kg	<1	<1	<1	<1	<1
Cyclohexane	mg/kg	<1	<1	<1	<1	<1
carbon tetrachloride	mg/kg	<1	<1	<1	<1	<1
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
dibromomethane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
trichloroethene	mg/kg	<1	<1	<1	<1	<1
bromodichloromethane	mg/kg	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
1,1,2-trichloroethane	mg/kg	<1	<1	<1	<1	<1
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichloropropane	mg/kg	<1	<1	<1	<1	<1
dibromochloromethane	mg/kg	<1	<1	<1	<1	<1
1,2-dibromoethane	mg/kg	<1	<1	<1	<1	<1
tetrachloroethene	mg/kg	<1	<1	<1	<1	<1
1,1,1,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
chlorobenzene	mg/kg	<1	<1	<1	<1	<1
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
bromoform	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
styrene	mg/kg	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
o-Xylene	mg/kg	<1	<1	<1	<1	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-1 TP35x 0.0-0.05 12/09/2012 Soil	78908-5 TP39x 0.0-0.5 12/09/2012 Soil	78908-9 TP41x 0.0-0.05 12/09/2012 Soil	78908-14 TP40x 0.1-0.15 12/09/2012 Soil	78908-17 TP44x 0.0-0.05 12/09/2012 Soil
1,2,3-trichloropropane	mg/kg	<1	<1	<1	<1	<1
isopropylbenzene	mg/kg	<1	<1	<1	<1	<1
bromobenzene	mg/kg	<1	<1	<1	<1	<1
n-propyl benzene	mg/kg	<1	<1	<1	<1	<1
2-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
4-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
1,3,5-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
tert-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2,4-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
1,3-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
sec-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,4-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
4-isopropyl toluene	mg/kg	<1	<1	<1	<1	<1
1,2-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
n-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2-dibromo-3-chloropropane	mg/kg	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Surrogate Dibromofluorometha	%	96	92	95	93	89
Surrogate aaa-Trifluorotoluene	%	101	114	103	113	114
Surrogate Toluene-d8	%	99	98	98	99	97
Surrogate 4-Bromofluorobenzene	%	87	85	85	85	85

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-21 TP42x SP 12/09/2012 Soil	78908-26 TP48x 0.0-0.05 12/09/2012 Soil	78908-30 DSP 0.0-0.05 13/09/2012 Soil	78908-31 TP34x 0.0-0.05 13/09/2012 Soil	78908-37 TP47x 0.3-0.4 13/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Dichlorodifluoromethane	mg/kg	<1	<1	<1	<1	<1
Chloromethane	mg/kg	<1	<1	<1	<1	<1
Vinyl Chloride	mg/kg	<1	<1	<1	<1	<1
Bromomethane	mg/kg	<1	<1	<1	<1	<1
Chloroethane	mg/kg	<1	<1	<1	<1	<1
Trichlorofluoromethane	mg/kg	<1	<1	<1	<1	<1
1,1-Dichloroethene	mg/kg	<1	<1	<1	<1	<1
trans-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
1,1-dichloroethane	mg/kg	<1	<1	<1	<1	<1
cis-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
bromochloromethane	mg/kg	<1	<1	<1	<1	<1
chloroform	mg/kg	<1	<1	<1	<1	<1
2,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1,1-trichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1-dichloropropene	mg/kg	<1	<1	<1	<1	<1
Cyclohexane	mg/kg	<1	<1	<1	<1	<1
carbon tetrachloride	mg/kg	<1	<1	<1	<1	<1
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
dibromomethane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
trichloroethene	mg/kg	<1	<1	<1	<1	<1
bromodichloromethane	mg/kg	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
1,1,2-trichloroethane	mg/kg	<1	<1	<1	<1	<1
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichloropropane	mg/kg	<1	<1	<1	<1	<1
dibromochloromethane	mg/kg	<1	<1	<1	<1	<1
1,2-dibromoethane	mg/kg	<1	<1	<1	<1	<1
tetrachloroethene	mg/kg	<1	<1	<1	<1	<1
1,1,1,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
chlorobenzene	mg/kg	<1	<1	<1	<1	<1
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
bromoform	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
styrene	mg/kg	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
o-Xylene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichloropropane	mg/kg	<1	<1	<1	<1	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-21 TP42x SP 12/09/2012 Soil	78908-26 TP48x 0.0-0.05 12/09/2012 Soil	78908-30 DSP 0.0-0.05 13/09/2012 Soil	78908-31 TP34x 0.0-0.05 13/09/2012 Soil	78908-37 TP47x 0.3-0.4 13/09/2012 Soil
isopropylbenzene	mg/kg	<1	<1	<1	<1	<1
bromobenzene	mg/kg	<1	<1	<1	<1	<1
n-propyl benzene	mg/kg	<1	<1	<1	<1	<1
2-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
4-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
1,3,5-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
tert-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2,4-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
1,3-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
sec-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,4-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
4-isopropyl toluene	mg/kg	<1	<1	<1	<1	<1
1,2-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
n-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2-dibromo-3-chloropropane	mg/kg	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Surrogate Dibromofluorometha	%	98	93	96	101	102
Surrogate aaa-Trifluorotoluene	%	107	103	107	105	107
Surrogate Toluene-d8	%	97	98	97	99	99
Surrogate 4-Bromofluorobenzene	%	84	85	85	89	92

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-42 TP49x 0.1-0.15 13/09/2012 Soil	78908-45 TP50x 0.0-0.05 13/09/2012 Soil	78908-49 TP01L1 0.0-0.05 13/09/2012 Soil	78908-53 TP04L1 0.0-0.05 13/09/2012 Soil	78908-59 TP05L1 0.0-0.05 13/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Dichlorodifluoromethane	mg/kg	<1	<1	<1	<1	<1
Chloromethane	mg/kg	<1	<1	<1	<1	<1
Vinyl Chloride	mg/kg	<1	<1	<1	<1	<1
Bromomethane	mg/kg	<1	<1	<1	<1	<1
Chloroethane	mg/kg	<1	<1	<1	<1	<1
Trichlorofluoromethane	mg/kg	<1	<1	<1	<1	<1
1,1-Dichloroethene	mg/kg	<1	<1	<1	<1	<1
trans-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
1,1-dichloroethane	mg/kg	<1	<1	<1	<1	<1
cis-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
bromochloromethane	mg/kg	<1	<1	<1	<1	<1
chloroform	mg/kg	<1	<1	<1	<1	<1
2,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1,1-trichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1-dichloropropene	mg/kg	<1	<1	<1	<1	<1
Cyclohexane	mg/kg	<1	<1	<1	<1	<1
carbon tetrachloride	mg/kg	<1	<1	<1	<1	<1
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
dibromomethane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
trichloroethene	mg/kg	<1	<1	<1	<1	<1
bromodichloromethane	mg/kg	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
1,1,2-trichloroethane	mg/kg	<1	<1	<1	<1	<1
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichloropropane	mg/kg	<1	<1	<1	<1	<1
dibromochloromethane	mg/kg	<1	<1	<1	<1	<1
1,2-dibromoethane	mg/kg	<1	<1	<1	<1	<1
tetrachloroethene	mg/kg	<1	<1	<1	<1	<1
1,1,1,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
chlorobenzene	mg/kg	<1	<1	<1	<1	<1
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
bromoform	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
styrene	mg/kg	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
o-Xylene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichloropropane	mg/kg	<1	<1	<1	<1	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-42 TP49x 0.1-0.15 13/09/2012 Soil	78908-45 TP50x 0.0-0.05 13/09/2012 Soil	78908-49 TP01L1 0.0-0.05 13/09/2012 Soil	78908-53 TP04L1 0.0-0.05 13/09/2012 Soil	78908-59 TP05L1 0.0-0.05 13/09/2012 Soil
isopropylbenzene	mg/kg	<1	<1	<1	<1	<1
bromobenzene	mg/kg	<1	<1	<1	<1	<1
n-propyl benzene	mg/kg	<1	<1	<1	<1	<1
2-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
4-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
1,3,5-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
tert-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2,4-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
1,3-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
sec-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,4-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
4-isopropyl toluene	mg/kg	<1	<1	<1	<1	<1
1,2-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
n-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2-dibromo-3-chloropropane	mg/kg	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Surrogate Dibromofluorometha	%	91	98	93	93	96
Surrogate aaa-Trifluorotoluene	%	114	106	112	101	106
Surrogate Toluene-d8	%	98	99	98	97	98
Surrogate 4-Bromofluorobenzene	%	87	85	85	84	85

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-63 QA5 - 12/09/2012 Soil
Date extracted	-	18/09/2012
Date analysed	-	19/09/2012
Dichlorodifluoromethane	mg/kg	<1
Chloromethane	mg/kg	<1
Vinyl Chloride	mg/kg	<1
Bromomethane	mg/kg	<1
Chloroethane	mg/kg	<1
Trichlorofluoromethane	mg/kg	<1
1,1-Dichloroethene	mg/kg	<1
trans-1,2-dichloroethene	mg/kg	<1
1,1-dichloroethane	mg/kg	<1
cis-1,2-dichloroethene	mg/kg	<1
bromochloromethane	mg/kg	<1
chloroform	mg/kg	<1
2,2-dichloropropane	mg/kg	<1
1,2-dichloroethane	mg/kg	<1
1,1,1-trichloroethane	mg/kg	<1
1,1-dichloropropene	mg/kg	<1
Cyclohexane	mg/kg	<1
carbon tetrachloride	mg/kg	<1
Benzene	mg/kg	<0.2
dibromomethane	mg/kg	<1
1,2-dichloropropane	mg/kg	<1
trichloroethene	mg/kg	<1
bromodichloromethane	mg/kg	<1
trans-1,3-dichloropropene	mg/kg	<1
cis-1,3-dichloropropene	mg/kg	<1
1,1,2-trichloroethane	mg/kg	<1
Toluene	mg/kg	<0.5
1,3-dichloropropane	mg/kg	<1
dibromochloromethane	mg/kg	<1
1,2-dibromoethane	mg/kg	<1
tetrachloroethene	mg/kg	<1
1,1,1,2-tetrachloroethane	mg/kg	<1
chlorobenzene	mg/kg	<1
Ethylbenzene	mg/kg	<1
bromoform	mg/kg	<1
m+p-xylene	mg/kg	<2
styrene	mg/kg	<1
1,1,2,2-tetrachloroethane	mg/kg	<1
o-Xylene	mg/kg	<1
1,2,3-trichloropropane	mg/kg	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-63 QA5 - 12/09/2012 Soil
isopropylbenzene	mg/kg	<1
bromobenzene	mg/kg	<1
n-propyl benzene	mg/kg	<1
2-chlorotoluene	mg/kg	<1
4-chlorotoluene	mg/kg	<1
1,3,5-trimethyl benzene	mg/kg	<1
tert-butyl benzene	mg/kg	<1
1,2,4-trimethyl benzene	mg/kg	<1
1,3-dichlorobenzene	mg/kg	<1
sec-butyl benzene	mg/kg	<1
1,4-dichlorobenzene	mg/kg	<1
4-isopropyl toluene	mg/kg	<1
1,2-dichlorobenzene	mg/kg	<1
n-butyl benzene	mg/kg	<1
1,2-dibromo-3-chloropropane	mg/kg	<1
1,2,4-trichlorobenzene	mg/kg	<1
hexachlorobutadiene	mg/kg	<1
1,2,3-trichlorobenzene	mg/kg	<1
Surrogate Dibromofluorometha	%	96
Surrogate aaa-Trifluorotoluene	%	104
Surrogate Toluene-d8	%	98
Surrogate 4-Bromofluorobenzene	%	85

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-1 TP35x 0.0-0.05 12/09/2012 Soil	78908-2 TP35x 0.1-0.15 12/09/2012 Soil	78908-5 TP39x 0.0-0.5 12/09/2012 Soil	78908-8 TP39x 0.95-1.05 12/09/2012 Soil	78908-9 TP41x 0.0-0.05 12/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	101	103	114	108	103

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-10 TP41x 0.1-0.15 12/09/2012 Soil	78908-13 TP40x 0.0-0.05 12/09/2012 Soil	78908-14 TP40x 0.1-0.15 12/09/2012 Soil	78908-17 TP44x 0.0-0.05 12/09/2012 Soil	78908-19 TP44x 0.45-0.55 12/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	112	109	113	114	104

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-21 TP42x SP 12/09/2012 Soil	78908-22 TP42x 0.0-0.05 12/09/2012 Soil	78908-26 TP48x 0.0-0.05 12/09/2012 Soil	78908-27 TP48x 0.1-0.15 12/09/2012 Soil	78908-30 DSP 0.0-0.05 13/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	107	103	103	100	107

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-31 TP34x 0.0-0.05 13/09/2012 Soil	78908-32 TP34x 0.1-0.15 13/09/2012 Soil	78908-36 TP47x 0.1-0.15 13/09/2012 Soil	78908-37 TP47x 0.3-0.4 13/09/2012 Soil	78908-41 TP49x 0.0-0.05 13/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	105	103	84	107	112

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-42 TP49x 0.1-0.15 13/09/2012 Soil	78908-45 TP50x 0.0-0.05 13/09/2012 Soil	78908-46 TP50x 0.1-0.15 13/09/2012 Soil	78908-49 TP01L1 0.0-0.05 13/09/2012 Soil	78908-51 TP01L1 0.45-0.55 13/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	114	106	103	112	104

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-53 TP04L1 0.0-0.05 13/09/2012 Soil	78908-54 TP04L1 0.1-0.15 13/09/2012 Soil	78908-58 TP05L1 SP 13/09/2012 Soil	78908-59 TP05L1 0.0-0.05 13/09/2012 Soil	78908-63 QA5 - 12/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	101	105	102	106	104

vTRH & BTEX in Soil		
Our Reference:	UNITS	78908-64
Your Reference	-----	QA7
Depth	-----	-
Date Sampled		12/09/2012
Type of sample		Soil
Date extracted	-	18/09/2012
Date analysed	-	19/09/2012
vTRHC ₆ - C ₉	mg/kg	<25
Benzene	mg/kg	<0.2
Toluene	mg/kg	<0.5
Ethylbenzene	mg/kg	<1
m+p-xylene	mg/kg	<2
o-Xylene	mg/kg	<1
Surrogate aaa-Trifluorotoluene	%	109

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	78908-1	78908-2	78908-5	78908-8	78908-9
Your Reference	-----	TP35x	TP35x	TP39x	TP39x	TP41x
Depth	-----	0.0-0.05	0.1-0.15	0.0-0.5	0.95-1.05	0.0-0.05
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	83	79	82	83	78

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	78908-10	78908-13	78908-14	78908-17	78908-19
Your Reference	-----	TP41x	TP40x	TP40x	TP44x	TP44x
Depth	-----	0.1-0.15	0.0-0.05	0.1-0.15	0.0-0.05	0.45-0.55
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	80	79	84	80	80

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	78908-21	78908-22	78908-26	78908-27	78908-30
Your Reference	-----	TP42x	TP42x	TP48x	TP48x	DSP
Depth	-----	SP	0.0-0.05	0.0-0.05	0.1-0.15	0.0-0.05
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	75	78	82	77	81

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	78908-31	78908-32	78908-36	78908-37	78908-41
Your Reference	-----	TP34x	TP34x	TP47x	TP47x	TP49x
Depth	-----	0.0-0.05	0.1-0.15	0.1-0.15	0.3-0.4	0.0-0.05
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	100	130	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	220	210	<100
Surrogate o-Terphenyl	%	73	75	67	97	70

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	78908-42	78908-45	78908-46	78908-49	78908-51
Your Reference	-----	TP49x	TP50x	TP50x	TP01L1	TP01L1
Depth	-----	0.1-0.15	0.0-0.05	0.1-0.15	0.0-0.05	0.45-0.55
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	75	67	82	66	70

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	78908-53	78908-54	78908-58	78908-59	78908-63
Your Reference	-----	TP04L1	TP04L1	TP05L1	TP05L1	QA5
Depth	-----	0.0-0.05	0.1-0.15	SP	0.0-0.05	-
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<250	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	640	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	1,700	<100	<100
Surrogate o-Terphenyl	%	70	67	88	70	72

sTRH in Soil (C10-C36)		
Our Reference:	UNITS	78908-64
Your Reference	-----	QA7
Depth	-----	-
Date Sampled		12/09/2012
Type of sample		Soil
Date extracted	-	18/09/2012
Date analysed	-	18/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100
Surrogate o-Terphenyl	%	74

Organochlorine Pesticides in soil						
Our Reference:	UNITS	78908-1	78908-2	78908-5	78908-8	78908-9
Your Reference	-----	TP35x	TP35x	TP39x	TP39x	TP41x
Depth	-----	0.0-0.05	0.1-0.15	0.0-0.5	0.95-1.05	0.0-0.05
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	99	96	99	97	97

Organochlorine Pesticides in soil						
Our Reference:	UNITS	78908-10	78908-13	78908-14	78908-17	78908-19
Your Reference	-----	TP41x	TP40x	TP40x	TP44x	TP44x
Depth	-----	0.1-0.15	0.0-0.05	0.1-0.15	0.0-0.05	0.45-0.55
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	103	98	99	101	96

Organochlorine Pesticides in soil						
Our Reference:	UNITS	78908-21	78908-22	78908-26	78908-27	78908-30
Your Reference	-----	TP42x	TP42x	TP48x	TP48x	DSP
Depth	-----	SP	0.0-0.05	0.0-0.05	0.1-0.15	0.0-0.05
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	98	101	101	99	102

Organochlorine Pesticides in soil						
Our Reference:	UNITS	78908-31	78908-32	78908-36	78908-37	78908-41
Your Reference	-----	TP34x	TP34x	TP47x	TP47x	TP49x
Depth	-----	0.0-0.05	0.1-0.15	0.1-0.15	0.3-0.4	0.0-0.05
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	0.2	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	94	94	88	93	96

Organochlorine Pesticides in soil						
Our Reference:	UNITS	78908-42	78908-45	78908-46	78908-49	78908-51
Your Reference	-----	TP49x	TP50x	TP50x	TP01L1	TP01L1
Depth	-----	0.1-0.15	0.0-0.05	0.1-0.15	0.0-0.05	0.45-0.55
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	95	94	97	87	89

Organochlorine Pesticides in soil						
Our Reference:	UNITS	78908-53	78908-54	78908-58	78908-59	78908-63
Your Reference	-----	TP04L1	TP04L1	TP05L1	TP05L1	QA5
Depth	-----	0.0-0.05	0.1-0.15	SP	0.0-0.05	-
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
HCB	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.5	<0.1	<0.1
Surrogate TCMX	%	94	86	93	98	100

Organochlorine Pesticides in soil		
Our Reference:	UNITS	78908-64
Your Reference	-----	QA7
Depth	-----	-
Date Sampled		12/09/2012
Type of sample		Soil
Date extracted	-	18/09/2012
Date analysed	-	19/09/2012
HCB	mg/kg	<0.1
alpha-BHC	mg/kg	<0.1
gamma-BHC	mg/kg	<0.1
beta-BHC	mg/kg	<0.1
Heptachlor	mg/kg	<0.1
delta-BHC	mg/kg	<0.1
Aldrin	mg/kg	<0.1
Heptachlor Epoxide	mg/kg	<0.1
gamma-Chlordane	mg/kg	<0.1
alpha-chlordane	mg/kg	<0.1
Endosulfan I	mg/kg	<0.1
pp-DDE	mg/kg	<0.1
Dieldrin	mg/kg	<0.1
Endrin	mg/kg	<0.1
pp-DDD	mg/kg	<0.1
Endosulfan II	mg/kg	<0.1
pp-DDT	mg/kg	<0.1
Endrin Aldehyde	mg/kg	<0.1
Endosulfan Sulphate	mg/kg	<0.1
Methoxychlor	mg/kg	<0.1
Surrogate TCMX	%	94

PCBs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-1 TP35x 0.0-0.05 12/09/2012 Soil	78908-5 TP39x 0.0-0.5 12/09/2012 Soil	78908-9 TP41x 0.0-0.05 12/09/2012 Soil	78908-14 TP40x 0.1-0.15 12/09/2012 Soil	78908-17 TP44x 0.0-0.05 12/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	99	99	97	99	101

PCBs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-21 TP42x SP 12/09/2012 Soil	78908-26 TP48x 0.0-0.05 12/09/2012 Soil	78908-30 DSP 0.0-0.05 13/09/2012 Soil	78908-31 TP34x 0.0-0.05 13/09/2012 Soil	78908-37 TP47x 0.3-0.4 13/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	98	101	102	94	93

PCBs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-42 TP49x 0.1-0.15 13/09/2012 Soil	78908-45 TP50x 0.0-0.05 13/09/2012 Soil	78908-49 TP01L1 0.0-0.05 13/09/2012 Soil	78908-53 TP04L1 0.0-0.05 13/09/2012 Soil	78908-59 TP05L1 0.0-0.05 13/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCLMX	%	95	94	87	94	98

PCBs in Soil	UNITS	78908-63
Our Reference:	-----	QA5
Your Reference	-----	-
Depth		12/09/2012
Date Sampled		Soil
Type of sample		
Date extracted	-	18/09/2012
Date analysed	-	19/09/2012
Arochlor 1016	mg/kg	<0.1
Arochlor 1221	mg/kg	<0.1
Arochlor 1232	mg/kg	<0.1
Arochlor 1242	mg/kg	<0.1
Arochlor 1248	mg/kg	<0.1
Arochlor 1254	mg/kg	<0.1
Arochlor 1260	mg/kg	<0.1
Surrogate TCLMX	%	100

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-1 TP35x 0.0-0.05 12/09/2012 Soil	78908-2 TP35x 0.1-0.15 12/09/2012 Soil	78908-5 TP39x 0.0-0.5 12/09/2012 Soil	78908-8 TP39x 0.95-1.05 12/09/2012 Soil	78908-9 TP41x 0.0-0.05 12/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-1 TP35x 0.0-0.05 12/09/2012 Soil	78908-2 TP35x 0.1-0.15 12/09/2012 Soil	78908-5 TP39x 0.0-0.5 12/09/2012 Soil	78908-8 TP39x 0.95-1.05 12/09/2012 Soil	78908-9 TP41x 0.0-0.05 12/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-1 TP35x 0.0-0.05 12/09/2012 Soil	78908-2 TP35x 0.1-0.15 12/09/2012 Soil	78908-5 TP39x 0.0-0.5 12/09/2012 Soil	78908-8 TP39x 0.95-1.05 12/09/2012 Soil	78908-9 TP41x 0.0-0.05 12/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	91	90	92	88	87
Surrogate Phenol-d6	%	80	84	99	100	91
Surrogate Nitrobenzene-d5	%	95	98	107	102	105
Surrogate 2-fluorobiphenyl	%	82	86	85	84	86
Surrogate 2,4,6-Tribromophenol	%	74	63	71	61	67
Surrogate p-Terphenyl-d14	%	80	78	83	82	86

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-10 TP41x 0.1-0.15 12/09/2012 Soil	78908-13 TP40x 0.0-0.05 12/09/2012 Soil	78908-14 TP40x 0.1-0.15 12/09/2012 Soil	78908-17 TP44x 0.0-0.05 12/09/2012 Soil	78908-19 TP44x 0.45-0.55 12/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-10 TP41x 0.1-0.15 12/09/2012 Soil	78908-13 TP40x 0.0-0.05 12/09/2012 Soil	78908-14 TP40x 0.1-0.15 12/09/2012 Soil	78908-17 TP44x 0.0-0.05 12/09/2012 Soil	78908-19 TP44x 0.45-0.55 12/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-10 TP41x 0.1-0.15 12/09/2012 Soil	78908-13 TP40x 0.0-0.05 12/09/2012 Soil	78908-14 TP40x 0.1-0.15 12/09/2012 Soil	78908-17 TP44x 0.0-0.05 12/09/2012 Soil	78908-19 TP44x 0.45-0.55 12/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	87	83	83	79	85
Surrogate Phenol-d6	%	91	88	86	91	91
Surrogate Nitrobenzene-d5	%	105	94	97	89	101
Surrogate 2-fluorobiphenyl	%	86	83	83	83	87
Surrogate 2,4,6-Tribromophenol	%	87	67	61	64	61
Surrogate p-Terphenyl-d14	%	86	82	86	83	82

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-21 TP42x SP 12/09/2012 Soil	78908-22 TP42x 0.0-0.05 12/09/2012 Soil	78908-26 TP48x 0.0-0.05 12/09/2012 Soil	78908-27 TP48x 0.1-0.15 12/09/2012 Soil	78908-30 DSP 0.0-0.05 13/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-21 TP42x SP 12/09/2012 Soil	78908-22 TP42x 0.0-0.05 12/09/2012 Soil	78908-26 TP48x 0.0-0.05 12/09/2012 Soil	78908-27 TP48x 0.1-0.15 12/09/2012 Soil	78908-30 DSP 0.0-0.05 13/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	3	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	2	<1	<1
Pyrene	mg/kg	<1	<1	4	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	1	<1	<1
Chrysene	mg/kg	<1	<1	2	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	2	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	2	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-21 TP42x SP 12/09/2012 Soil	78908-22 TP42x 0.0-0.05 12/09/2012 Soil	78908-26 TP48x 0.0-0.05 12/09/2012 Soil	78908-27 TP48x 0.1-0.15 12/09/2012 Soil	78908-30 DSP 0.0-0.05 13/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	88	79	73	78	77
Surrogate Phenol-d6	%	100	72	87	84	90
Surrogate Nitrobenzene-d5	%	108	96	95	100	90
Surrogate 2-fluorobiphenyl	%	89	87	89	84	85
Surrogate 2,4,6-Tribromophenol	%	60	60	66	62	61
Surrogate p-Terphenyl-d14	%	84	83	84	78	84

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-31 TP34x 0.0-0.05 13/09/2012 Soil	78908-32 TP34x 0.1-0.15 13/09/2012 Soil	78908-36 TP47x 0.1-0.15 13/09/2012 Soil	78908-37 TP47x 0.3-0.4 13/09/2012 Soil	78908-41 TP49x 0.0-0.05 13/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-31 TP34x 0.0-0.05 13/09/2012 Soil	78908-32 TP34x 0.1-0.15 13/09/2012 Soil	78908-36 TP47x 0.1-0.15 13/09/2012 Soil	78908-37 TP47x 0.3-0.4 13/09/2012 Soil	78908-41 TP49x 0.0-0.05 13/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-31 TP34x 0.0-0.05 13/09/2012 Soil	78908-32 TP34x 0.1-0.15 13/09/2012 Soil	78908-36 TP47x 0.1-0.15 13/09/2012 Soil	78908-37 TP47x 0.3-0.4 13/09/2012 Soil	78908-41 TP49x 0.0-0.05 13/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	82	86	74	86	82
Surrogate Phenol-d6	%	111	91	85	96	60
Surrogate Nitrobenzene-d5	%	104	99	105	105	104
Surrogate 2-fluorobiphenyl	%	85	82	92	86	87
Surrogate 2,4,6-Tribromophenol	%	63	68	75	65	62
Surrogate p-Terphenyl-d14	%	78	78	85	81	95

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-42 TP49x 0.1-0.15 13/09/2012 Soil	78908-45 TP50x 0.0-0.05 13/09/2012 Soil	78908-46 TP50x 0.1-0.15 13/09/2012 Soil	78908-49 TP01L1 0.0-0.05 13/09/2012 Soil	78908-51 TP01L1 0.45-0.55 13/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-42 TP49x 0.1-0.15 13/09/2012 Soil	78908-45 TP50x 0.0-0.05 13/09/2012 Soil	78908-46 TP50x 0.1-0.15 13/09/2012 Soil	78908-49 TP01L1 0.0-0.05 13/09/2012 Soil	78908-51 TP01L1 0.45-0.55 13/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-42 TP49x 0.1-0.15 13/09/2012 Soil	78908-45 TP50x 0.0-0.05 13/09/2012 Soil	78908-46 TP50x 0.1-0.15 13/09/2012 Soil	78908-49 TP01L1 0.0-0.05 13/09/2012 Soil	78908-51 TP01L1 0.45-0.55 13/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	92	86	70	70	77
Surrogate Phenol-d6	%	82	108	79	79	83
Surrogate Nitrobenzene-d5	%	89	83	92	91	90
Surrogate 2-fluorobiphenyl	%	91	91	82	84	83
Surrogate 2,4,6-Tribromophenol	%	63	69	63	62	60
Surrogate p-Terphenyl-d14	%	80	78	82	73	73

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-53 TP04L1 0.0-0.05 13/09/2012 Soil	78908-54 TP04L1 0.1-0.15 13/09/2012 Soil	78908-58 TP05L1 SP 13/09/2012 Soil	78908-59 TP05L1 0.0-0.05 13/09/2012 Soil	78908-63 QA5 - 12/09/2012 Soil
Date extracted	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	19/09/2012	19/09/2012	19/09/2012	19/09/2012	19/09/2012
Phenol	mg/kg	<1	<1	<5	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<5	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<5	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<5	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<5	<1	<1
2-Methylphenol	mg/kg	<1	<1	<5	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<5	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<5	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<10	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<5	<1	<1
Hexachloroethane	mg/kg	<1	<1	<5	<1	<1
Nitrobenzene	mg/kg	<1	<1	<5	<1	<1
Isophorone	mg/kg	<1	<1	<5	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<5	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<5	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<5	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<5	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<5	<1	<1
Naphthalene	mg/kg	<1	<1	<5	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<5	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<5	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<5	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<5	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<5	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<5	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<5	<1	<1
2-nitroaniline	mg/kg	<1	<1	<5	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<5	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<5	<1	<1
Acenaphthylene	mg/kg	<1	<1	<5	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<5	<1	<1
Acenaphthene	mg/kg	<1	<1	<5	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<50	<10	<10
4-nitrophenol	mg/kg	<10	<10	<50	<10	<10
Dibenzofuran	mg/kg	<1	<1	<5	<1	<1
diethylphthalate	mg/kg	<1	<1	<5	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<5	<1	<1
4-nitroaniline	mg/kg	<1	<1	<5	<1	<1
Fluorene	mg/kg	<1	<1	<5	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<50	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-53 TP04L1 0.0-0.05 13/09/2012 Soil	78908-54 TP04L1 0.1-0.15 13/09/2012 Soil	78908-58 TP05L1 SP 13/09/2012 Soil	78908-59 TP05L1 0.0-0.05 13/09/2012 Soil	78908-63 QA5 - 12/09/2012 Soil
azobenzene	mg/kg	<1	<1	<5	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<5	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<5	<1	<1
pentachlorophenol	mg/kg	<10	<10	<50	<10	<10
Phenanthrene	mg/kg	<1	<1	<5	<1	<1
Anthracene	mg/kg	<1	<1	<5	<1	<1
carbazole	mg/kg	<1	<1	<5	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<5	<1	<1
Fluoranthene	mg/kg	<1	<1	<5	<1	<1
Pyrene	mg/kg	<1	<1	<5	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<5	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	5	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<5	<1	<1
Chrysene	mg/kg	<1	<1	<5	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<5	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<5	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<5	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<5	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<5	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<5	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<5	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<5	<1	<1
aniline	mg/kg	<1	<1	<5	<1	<1
pentachloroethane	mg/kg	<1	<1	<5	<1	<1
benzyl alcohol	mg/kg	<1	<1	<5	<1	<1
acetophenone	mg/kg	<1	<1	<5	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<5	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<5	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<5	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<5	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<5	<1	<1
safrole	mg/kg	<1	<1	<5	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<5	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<5	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<5	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<5	<1	<1
1-naphthylamine	mg/kg	<1	<1	<5	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<5	<1	<1
2-naphthylamine	mg/kg	<1	<1	<5	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<5	<1	<1
diphenylamine	mg/kg	<1	<1	<5	<1	<1
phenacetin	mg/kg	<1	<1	<5	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-53 TP04L1 0.0-0.05 13/09/2012 Soil	78908-54 TP04L1 0.1-0.15 13/09/2012 Soil	78908-58 TP05L1 SP 13/09/2012 Soil	78908-59 TP05L1 0.0-0.05 13/09/2012 Soil	78908-63 QA5 - 12/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<5	<1	<1
dinoseb	mg/kg	<1	<1	<5	<1	<1
methapyrilene	mg/kg	<1	<1	<5	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<5	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<5	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<5	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<5	<1	<1
a-BHC	mg/kg	<1	<1	<5	<1	<1
b-BHC	mg/kg	<1	<1	<5	<1	<1
g-BHC	mg/kg	<1	<1	<5	<1	<1
d-BHC	mg/kg	<1	<1	<5	<1	<1
Heptachlor	mg/kg	<1	<1	<5	<1	<1
Aldrin	mg/kg	<1	<1	<5	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<5	<1	<1
g-Chlordane	mg/kg	<1	<1	<5	<1	<1
a-Chlordane	mg/kg	<1	<1	<5	<1	<1
Endosulfan I	mg/kg	<1	<1	<5	<1	<1
p,p'-DDE	mg/kg	<1	<1	<5	<1	<1
Dieldrin	mg/kg	<1	<1	<5	<1	<1
Endrin	mg/kg	<1	<1	<5	<1	<1
p,p'-DDD	mg/kg	<1	<1	<5	<1	<1
Endosulfan II	mg/kg	<1	<1	<5	<1	<1
p,p'-DDT	mg/kg	<1	<1	<5	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<5	<1	<1
Methoxychlor	mg/kg	<1	<1	<5	<1	<1
Surrogate 2-fluorophenol	%	81	91	80	72	74
Surrogate Phenol-d ₆	%	82	111	98	81	68
Surrogate Nitrobenzene-d ₅	%	88	86	80	90	99
Surrogate 2-fluorobiphenyl	%	88	94	88	90	88
Surrogate 2,4,6-Tribromophenol	%	60	61	78	68	73
Surrogate p-Terphenyl-d ₁₄	%	84	76	82	92	95

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-64 QA7 - 12/09/2012 Soil
Date extracted	-	18/09/2012
Date analysed	-	19/09/2012
Phenol	mg/kg	<1
Bis-(2-chloroethyl) ether	mg/kg	<1
2-Chlorophenol	mg/kg	<1
1,3-Dichlorobenzene	mg/kg	<1
1,4-Dichlorobenzene	mg/kg	<1
2-Methylphenol	mg/kg	<1
1,2-Dichlorobenzene	mg/kg	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1
3/4-Methylphenol	mg/kg	<2
N-nitrosodi-n-propylamine	mg/kg	<1
Hexachloroethane	mg/kg	<1
Nitrobenzene	mg/kg	<1
Isophorone	mg/kg	<1
2,4-Dimethylphenol	mg/kg	<1
2-Nitrophenol	mg/kg	<1
Bis(2-chloroethoxy) methane	mg/kg	<1
2,4-Dichlorophenol	mg/kg	<1
1,2,4-Trichlorobenzene	mg/kg	<1
Naphthalene	mg/kg	<1
4-Chloroaniline	mg/kg	<1
Hexachlorobutadiene	mg/kg	<1
2-Methylnaphthalene	mg/kg	<1
Hexachlorocyclopentadiene	mg/kg	<1
2,4,6-trichlorophenol	mg/kg	<1
2,4,5-trichlorophenol	mg/kg	<1
2-Chloronaphthalene	mg/kg	<1
2-nitroaniline	mg/kg	<1
Dimethylphthalate	mg/kg	<1
2,6-Dinitrotoluene	mg/kg	<1
Acenaphthylene	mg/kg	<1
3-Nitroaniline	mg/kg	<1
Acenaphthene	mg/kg	<1
2,4-dinitrophenol	mg/kg	<10
4-nitrophenol	mg/kg	<10
Dibenzofuran	mg/kg	<1
diethylphthalate	mg/kg	<1
4-chlorophenylphenylether	mg/kg	<1
4-nitroaniline	mg/kg	<1
Fluorene	mg/kg	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-64 QA7 - 12/09/2012 Soil
azobenzene	mg/kg	<1
4-bromophenylphenylether	mg/kg	<1
hexachlorobenzene	mg/kg	<1
pentachlorophenol	mg/kg	<10
Phenanthrene	mg/kg	<1
Anthracene	mg/kg	<1
carbazole	mg/kg	<1
di-n-butylphthalate	mg/kg	<1
Fluoranthene	mg/kg	<1
Pyrene	mg/kg	<1
butylbenzylphthalate	mg/kg	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1
Benzo(a)anthracene	mg/kg	<1
Chrysene	mg/kg	<1
di-n-octylphthalate	mg/kg	<1
Benzo(b)fluoranthene	mg/kg	<1
Benzo(k)fluoranthene	mg/kg	<1
Benzo(a)pyrene	mg/kg	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1
Dibenzo(a,h)anthracene	mg/kg	<1
Benzo(g,h,i)perylene	mg/kg	<1
ethylmethanesulfonate	mg/kg	<1
aniline	mg/kg	<1
pentachloroethane	mg/kg	<1
benzyl alcohol	mg/kg	<1
acetophenone	mg/kg	<1
N-nitrosomorpholine	mg/kg	<1
N-nitrosopiperidine	mg/kg	<1
2,6-dichlorophenol	mg/kg	<1
hexachloropropene-1	mg/kg	<1
N-nitroso-n-butylamine	mg/kg	<1
safrole	mg/kg	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1
cis and trans iso-safrole	mg/kg	<1
1,3-dinitrobenzene	mg/kg	<1
pentachlorobenzene	mg/kg	<1
1-naphthylamine	mg/kg	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1
2-naphthylamine	mg/kg	<1
5-nitro-o-toluidine	mg/kg	<1
diphenylamine	mg/kg	<1
phenacetin	mg/kg	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-64 QA7 - 12/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1
dinoseb	mg/kg	<1
methapyrilene	mg/kg	<1
p-dimethylaminoazobenzene	mg/kg	<1
2-acetylaminofluorene	mg/kg	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1
3-methylcholanthrene	mg/kg	<1
a-BHC	mg/kg	<1
b-BHC	mg/kg	<1
g-BHC	mg/kg	<1
d-BHC	mg/kg	<1
Heptachlor	mg/kg	<1
Aldrin	mg/kg	<1
Heptachlor Epoxide	mg/kg	<1
g-Chlordane	mg/kg	<1
a-Chlordane	mg/kg	<1
Endosulfan I	mg/kg	<1
p,p'-DDE	mg/kg	<1
Dieldrin	mg/kg	<1
Endrin	mg/kg	<1
p,p'-DDD	mg/kg	<1
Endosulfan II	mg/kg	<1
p,p'-DDT	mg/kg	<1
Endosulfan Sulphate	mg/kg	<1
Methoxychlor	mg/kg	<1
Surrogate 2-fluorophenol	%	87
Surrogate Phenol-d6	%	93
Surrogate Nitrobenzene-d5	%	74
Surrogate 2-fluorobiphenyl	%	111
Surrogate 2,4,6-Tribromophenol	%	61
Surrogate p-Terphenyl-d14	%	80

Acid Extractable metals in soil						
Our Reference:	UNITS	78908-1	78908-2	78908-5	78908-8	78908-9
Your Reference	-----	TP35x	TP35x	TP39x	TP39x	TP41x
Depth	-----	0.0-0.05	0.1-0.15	0.0-0.5	0.95-1.05	0.0-0.05
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Arsenic	mg/kg	6	<4	<4	5	5
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	17	14	14	21	17
Copper	mg/kg	11	10	6	11	16
Lead	mg/kg	30	12	19	11	18
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	4	3	3	4	3
Zinc	mg/kg	47	14	62	9	56
Manganese	mg/kg	420	94	300	20	300

Acid Extractable metals in soil						
Our Reference:	UNITS	78908-10	78908-13	78908-14	78908-17	78908-19
Your Reference	-----	TP41x	TP40x	TP40x	TP44x	TP44x
Depth	-----	0.1-0.15	0.0-0.05	0.1-0.15	0.0-0.05	0.45-0.55
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Arsenic	mg/kg	5	<4	<4	<4	4
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	17	12	10	10	16
Copper	mg/kg	8	6	4	4	15
Lead	mg/kg	14	18	9	13	9
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	3	3	3	3	5
Zinc	mg/kg	30	42	23	14	14
Manganese	mg/kg	210	230	170	250	28

Acid Extractable metals in soil						
Our Reference:	UNITS	78908-21	78908-22	78908-26	78908-27	78908-30
Your Reference	-----	TP42x	TP42x	TP48x	TP48x	DSP
Depth	-----	SP	0.0-0.05	0.0-0.05	0.1-0.15	0.0-0.05
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Arsenic	mg/kg	5	<4	5	6	<4
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	18	15	30	23	11
Copper	mg/kg	11	7	49	29	9
Lead	mg/kg	13	15	100	26	20
Mercury	mg/kg	<0.1	<0.1	0.2	<0.1	<0.1
Nickel	mg/kg	5	4	25	16	4
Zinc	mg/kg	14	21	180	56	67
Manganese	mg/kg	100	230	830	560	400

Acid Extractable metals in soil						
Our Reference:	UNITS	78908-31	78908-32	78908-36	78908-37	78908-41
Your Reference	-----	TP34x	TP34x	TP47x	TP47x	TP49x
Depth	-----	0.0-0.05	0.1-0.15	0.1-0.15	0.3-0.4	0.0-0.05
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Arsenic	mg/kg	<4	5	29	17	<4
Cadmium	mg/kg	<0.5	<0.5	22	9.5	<0.5
Chromium	mg/kg	14	16	57	45	13
Copper	mg/kg	16	8	11,000	1,400	13
Lead	mg/kg	40	18	1,100	770	26
Mercury	mg/kg	<0.1	<0.1	0.3	0.4	<0.1
Nickel	mg/kg	6	4	62	49	7
Zinc	mg/kg	67	29	6,800	5,800	38
Manganese	mg/kg	110	230	370	370	590

Acid Extractable metals in soil						
Our Reference:	UNITS	78908-42	78908-45	78908-46	78908-49	78908-51
Your Reference	-----	TP49x	TP50x	TP50x	TP01L1	TP01L1
Depth	-----	0.1-0.15	0.0-0.05	0.1-0.15	0.0-0.05	0.45-0.55
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Arsenic	mg/kg	4	5	6	6	4
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	14	16	19	19	13
Copper	mg/kg	14	12	12	14	21
Lead	mg/kg	23	26	23	24	13
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Nickel	mg/kg	9	6	7	7	8
Zinc	mg/kg	32	35	21	24	30
Manganese	mg/kg	930	610	1,000	1,300	170

Acid Extractable metals in soil						
Our Reference:	UNITS	78908-53	78908-54	78908-58	78908-59	78908-63
Your Reference	-----	TP04L1	TP04L1	TP05L1	TP05L1	QA5
Depth	-----	0.0-0.05	0.1-0.15	SP	0.0-0.05	-
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Date analysed	-	18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Arsenic	mg/kg	<4	<4	6	5	5
Cadmium	mg/kg	<0.5	<0.5	0.6	<0.5	<0.5
Chromium	mg/kg	12	9	35	16	20
Copper	mg/kg	8	4	120	15	15
Lead	mg/kg	29	8	73	22	21
Mercury	mg/kg	<0.1	<0.1	0.2	<0.1	<0.1
Nickel	mg/kg	4	2	21	7	4
Zinc	mg/kg	33	7	650	64	63
Manganese	mg/kg	61	15	430	410	290

Acid Extractable metals in soil		
Our Reference:	UNITS	78908-64
Your Reference	-----	QA7
Depth	-----	-
Date Sampled		12/09/2012
Type of sample		Soil
Date digested	-	18/09/2012
Date analysed	-	18/09/2012
Arsenic	mg/kg	4
Cadmium	mg/kg	<0.5
Chromium	mg/kg	15
Copper	mg/kg	7
Lead	mg/kg	12
Mercury	mg/kg	<0.1
Nickel	mg/kg	3
Zinc	mg/kg	26
Manganese	mg/kg	200

Moisture						
Our Reference:	UNITS	78908-1	78908-2	78908-5	78908-8	78908-9
Your Reference	-----	TP35x	TP35x	TP39x	TP39x	TP41x
Depth	-----	0.0-0.05	0.1-0.15	0.0-0.5	0.95-1.05	0.0-0.05
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	18/09/12	18/09/12	18/09/12	18/09/12	18/09/12
Date analysed	-	19/09/12	19/09/12	19/09/12	19/09/12	19/09/12
Moisture	%	20	21	20	19	25

Moisture						
Our Reference:	UNITS	78908-10	78908-13	78908-14	78908-17	78908-19
Your Reference	-----	TP41x	TP40x	TP40x	TP44x	TP44x
Depth	-----	0.1-0.15	0.0-0.05	0.1-0.15	0.0-0.05	0.45-0.55
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	18/09/12	18/09/12	18/09/12	18/09/12	18/09/12
Date analysed	-	19/09/12	19/09/12	19/09/12	19/09/12	19/09/12
Moisture	%	17	13	12	9.3	19

Moisture						
Our Reference:	UNITS	78908-21	78908-22	78908-26	78908-27	78908-30
Your Reference	-----	TP42x	TP42x	TP48x	TP48x	DSP
Depth	-----	SP	0.0-0.05	0.0-0.05	0.1-0.15	0.0-0.05
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	18/09/12	18/09/12	18/09/12	18/09/12	18/09/12
Date analysed	-	19/09/12	19/09/12	19/09/12	19/09/12	19/09/12
Moisture	%	18	17	27	23	16

Moisture						
Our Reference:	UNITS	78908-31	78908-32	78908-36	78908-37	78908-41
Your Reference	-----	TP34x	TP34x	TP47x	TP47x	TP49x
Depth	-----	0.0-0.05	0.1-0.15	0.1-0.15	0.3-0.4	0.0-0.05
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	18/09/12	18/09/12	18/09/12	18/09/12	18/09/12
Date analysed	-	19/09/12	19/09/12	19/09/12	19/09/12	19/09/12
Moisture	%	29	18	45	35	13

Moisture						
Our Reference:	UNITS	78908-42	78908-45	78908-46	78908-49	78908-51
Your Reference	-----	TP49x	TP50x	TP50x	TP01L1	TP01L1
Depth	-----	0.1-0.15	0.0-0.05	0.1-0.15	0.0-0.05	0.45-0.55
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	18/09/12	18/09/12	18/09/12	18/09/12	18/09/12
Date analysed	-	19/09/12	19/09/12	19/09/12	19/09/12	19/09/12
Moisture	%	14	19	17	11	18

Moisture						
Our Reference:	UNITS	78908-53	78908-54	78908-58	78908-59	78908-63
Your Reference	-----	TP04L1	TP04L1	TP05L1	TP05L1	QA5
Depth	-----	0.0-0.05	0.1-0.15	SP	0.0-0.05	-
Date Sampled		13/09/2012	13/09/2012	13/09/2012	13/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	18/09/12	18/09/12	18/09/12	18/09/12	18/09/12
Date analysed	-	19/09/12	19/09/12	19/09/12	19/09/12	19/09/12
Moisture	%	30	12	49	23	22

Moisture		
Our Reference:	UNITS	78908-64
Your Reference	-----	QA7
Depth	-----	-
Date Sampled		12/09/2012
Type of sample		Soil
Date prepared	-	18/09/12
Date analysed	-	19/09/12
Moisture	%	15

Asbestos ID - soils WA						
Our Reference:	UNITS	78908-1	78908-5	78908-9	78908-13	78908-17
Your Reference	-----	TP35x	TP39x	TP41x	TP40x	TP44x
Depth	-----	0.0-0.05	0.0-0.5	0.0-0.05	0.0-0.05	0.0-0.05
Date Sampled		12/09/2012	12/09/2012	12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date analysed	-	27/09/2012	27/09/2012	27/09/2012	27/09/2012	27/09/2012
Sample mass tested	g	622.80g	492.96g	396.20g	564.47g	601.55g
Sample Description	-	Brown fine-grained soil & debris	Brown fine-grained soil & debris	Brown fine-grained soil & debris	Brown fine-grained soil & debris	Brown fine-grained soil & debris
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
Trace Analysis	-	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected

Asbestos ID - soils WA						
Our Reference:	UNITS	78908-21	78908-26	78908-30	78908-31	78908-37
Your Reference	-----	TP42x	TP48x	DSP	TP34x	TP47x
Depth	-----	SP	0.0-0.05	0.0-0.05	0.0-0.05	0.3-0.4
Date Sampled		12/09/2012	12/09/2012	13/09/2012	13/09/2012	13/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date analysed	-	27/09/2012	27/09/2012	27/09/2012	27/09/2012	27/09/2012
Sample mass tested	g	256.48g	376.47g	600.23g	420.59g	447.40g
Sample Description	-	Brown coarse- grained clay soil	Brown coarse- grained soil & debris	Brown fine-grained soil & debris	Brown coarse- grained soil & debris	Red-brown fine-grained soil & debris
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	Chrysotile asbestos detected Amosite asbestos detected Crocidolite asbestos detected
Trace Analysis	-	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected

Asbestos ID - soils WA Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-42 TP49x 0.1-0.15 13/09/2012 Soil	78908-45 TP50x 0.0-0.05 13/09/2012 Soil	78908-49 TP01L1 0.0-0.05 13/09/2012 Soil	78908-53 TP04L1 0.0-0.05 13/09/2012 Soil	78908-59 TP05L1 0.0-0.05 13/09/2012 Soil
Date analysed	-	27/09/2012	27/09/2012	27/09/2012	27/09/2012	27/09/2012
Sample mass tested	g	505.32g	350.55g	478.51g	389.35g	361.70g
Sample Description	-	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown fine-grained soil & rocks	Brown coarse- grained soil & rocks
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
Trace Analysis	-	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected	No respirable fibres detected

Asbestos ID - soils WA Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-63 QA5 - 12/09/2012 Soil
Date analysed	-	27/09/2012
Sample mass tested	g	320.51g
Sample Description	-	Brown coarse- grained soil & debris
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg
Trace Analysis	-	No respirable fibres detected

Asbestos ID - materials		
Our Reference:	UNITS	78908-40
Your Reference	-----	TP47x
Depth	-----	0.3-0.40F
Date Sampled		13/09/2012
Type of sample		Material
Date analysed	-	20/09/2012
Mass / Dimension of Sample	-	370x220x50 mm
Sample Description	-	Assorted compressed fibre cement sheet
Asbestos ID in materials	-	Chrysotile asbestos detected Amosite asbestos detected Crocidolite asbestos detected

vTRH & BTEX in Water			
Our Reference:	UNITS	78908-65	78908-66
Your Reference	-----	TS	TB
Depth	-----	-	-
Date Sampled		12/09/2012	12/09/2012
Type of sample		water	water
Date extracted	-	17/09/2012	17/09/2012
Date analysed	-	18/09/2012	18/09/2012
TRHC ₆ - C ₉	µg/L	[NA]	<10
Benzene	µg/L	100%	<1
Toluene	µg/L	108%	<1
Ethylbenzene	µg/L	104%	<1
m+p-xylene	µg/L	107%	<2
o-xylene	µg/L	107%	<1
Surrogate Dibromofluoromethane	%	111	111
Surrogate toluene-d8	%	100	100
Surrogate 4-BFB	%	104	102

Method ID	Methodology Summary
Org-014	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
Org-016	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS.
Org-003	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID.
Org-005	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
Org-006	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD.
Org-012	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS.
Metals-020 ICP-AES	Determination of various metals by ICP-AES.
Metals-021 CV-AAS	Determination of Mercury by Cold Vapour AAS.
Inorg-008	Moisture content determined by heating at 105 deg C for a minimum of 4 hours.
ASB-001	Asbestos ID - Qualitative identification of asbestos in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques including Synthetic Mineral Fibre and Organic Fibre as per Australian Standard 4964-2004.
ASB-003	Asbestos ID - Minimum 500mL soil sample was analysed as recommended by "The Guidelines from the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia - May 2009" with a reporting limit of 0.1g/kg as per AS4964-2004.

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
VOCs in soil						Base Duplicate %RPD		
Date extracted	-			18/09/2012	78908-1	18/09/2012 18/09/2012	LCS-6	18/09/2012
Date analysed	-			19/09/2012	78908-1	19/09/2012 19/09/2012	LCS-6	19/09/2012
Dichlorodifluoromethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
Chloromethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
Vinyl Chloride	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
Bromomethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
Chloroethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
Trichlorofluoromethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,1-Dichloroethene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
trans-1,2-dichloroethene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,1-dichloroethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	LCS-6	97%
cis-1,2-dichloroethene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
bromochloromethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
chloroform	mg/kg	1	Org-014	<1	78908-1	<1 <1	LCS-6	92%
2,2-dichloropropane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,2-dichloroethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	LCS-6	87%
1,1,1-trichloroethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	LCS-6	89%
1,1-dichloropropene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
Cyclohexane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
carbon tetrachloride	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
Benzene	mg/kg	0.2	Org-014	<0.2	78908-1	<0.2 <0.2	[NR]	[NR]
dibromomethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,2-dichloropropane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
trichloroethene	mg/kg	1	Org-014	<1	78908-1	<1 <1	LCS-6	83%
bromodichloromethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	LCS-6	90%
trans-1,3-dichloropropene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
cis-1,3-dichloropropene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,1,2-trichloroethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
Toluene	mg/kg	0.5	Org-014	<0.5	78908-1	<0.5 <0.5	[NR]	[NR]
1,3-dichloropropane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
dibromochloromethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	LCS-6	89%
1,2-dibromoethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
tetrachloroethene	mg/kg	1	Org-014	<1	78908-1	<1 <1	LCS-6	92%
1,1,1,2-tetrachloroethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
chlorobenzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
Ethylbenzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
bromoform	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
m+p-xylene	mg/kg	2	Org-014	<2	78908-1	<2 <2	[NR]	[NR]
styrene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,1,2,2-tetrachloroethane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
o-Xylene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,2,3-trichloropropane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
VOCs in soil						Base Duplicate %RPD		
isopropylbenzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
bromobenzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
n-propyl benzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
2-chlorotoluene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
4-chlorotoluene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,3,5-trimethyl benzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
tert-butyl benzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,2,4-trimethyl benzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,3-dichlorobenzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
sec-butyl benzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,4-dichlorobenzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
4-isopropyl toluene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,2-dichlorobenzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
n-butyl benzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,2-dibromo-3-chloropropane	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,2,4-trichlorobenzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
hexachlorobutadiene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
1,2,3-trichlorobenzene	mg/kg	1	Org-014	<1	78908-1	<1 <1	[NR]	[NR]
Surrogate Dibromofluorometha	%		Org-014	95	78908-1	96 89 RPD: 8	LCS-6	98%
Surrogate aaa-Trifluorotoluene	%		Org-014	112	78908-1	101 104 RPD: 3	LCS-6	114%
Surrogate Toluene-d8	%		Org-014	98	78908-1	99 98 RPD: 1	LCS-6	99%
Surrogate 4-Bromofluorobenzene	%		Org-014	86	78908-1	87 86 RPD: 1	LCS-6	86%

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
vTRH & BTEX in Soil						Base II Duplicate II %RPD		
Date extracted	-			18/09/2012	78908-1	18/09/2012 18/09/2012	LCS-6	18/09/2012
Date analysed	-			19/09/2012	78908-1	19/09/2012 19/09/2012	LCS-6	19/09/2012
vTRHC ₆ - C ₉	mg/kg	25	Org-016	<25	78908-1	<25 <25	LCS-6	129%
Benzene	mg/kg	0.2	Org-016	<0.2	78908-1	<0.2 <0.2	LCS-6	132%
Toluene	mg/kg	0.5	Org-016	<0.5	78908-1	<0.5 <0.5	LCS-6	126%
Ethylbenzene	mg/kg	1	Org-016	<1	78908-1	<1 <1	LCS-6	123%
m+p-xylene	mg/kg	2	Org-016	<2	78908-1	<2 <2	LCS-6	131%
o-Xylene	mg/kg	1	Org-016	<1	78908-1	<1 <1	LCS-6	121%
Surrogate aaa-Trifluorotoluene	%		Org-016	112	78908-1	101 104 RPD: 3	LCS-6	116%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
sTRH in Soil (C10-C36)						Base II Duplicate II %RPD		
Date extracted	-			18/09/2012	78908-1	18/09/2012 18/09/2012	LCS-6	18/09/2012
Date analysed	-			18/09/2012	78908-1	18/09/2012 18/09/2012	LCS-6	18/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	50	Org-003	<50	78908-1	<50 <50	LCS-6	101%
TRHC ₁₅ - C ₂₈	mg/kg	100	Org-003	<100	78908-1	<100 <100	LCS-6	106%
TRHC ₂₉ - C ₃₆	mg/kg	100	Org-003	<100	78908-1	<100 <100	LCS-6	87%
Surrogate o-Terphenyl	%		Org-003	78	78908-1	83 82 RPD: 1	LCS-6	103%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Organochlorine Pesticides in soil						Base II Duplicate II %RPD		
Date extracted	-			18/09/2012	78908-1	18/09/2012 18/09/2012	LCS-6	18/09/2012
Date analysed	-			19/09/2012	78908-1	19/09/2012 19/09/2012	LCS-6	19/09/2012
HCB	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
alpha-BHC	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	LCS-6	92%
gamma-BHC	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
beta-BHC	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	LCS-6	119%
Heptachlor	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	LCS-6	91%
delta-BHC	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Aldrin	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	LCS-6	104%
Heptachlor Epoxide	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	LCS-6	100%
gamma-Chlordane	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
alpha-chlordane	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Endosulfan I	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
pp-DDE	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	LCS-6	124%
Dieldrin	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	LCS-6	103%
Endrin	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	LCS-6	101%
pp-DDD	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	LCS-6	121%
Endosulfan II	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]

Client Reference: S1288.01, ECBH

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Organochlorine Pesticides in soil						Base II Duplicate II %RPD		
pp-DDT	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	LCS-6	97%
Methoxychlor	mg/kg	0.1	Org-005	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Surrogate TCMX	%		Org-005	89	78908-1	99 100 RPD: 1	LCS-6	101%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
PCBs in Soil						Base II Duplicate II %RPD		
Date extracted	-			18/09/2012	78908-1	18/09/2012 18/09/2012	LCS-6	18/09/2012
Date analysed	-			19/09/2012	78908-1	19/09/2012 19/09/2012	LCS-6	19/09/2012
Arochlor 1016	mg/kg	0.1	Org-006	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Arochlor 1221	mg/kg	0.1	Org-006	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	0.1	Org-006	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	0.1	Org-006	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	0.1	Org-006	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	0.1	Org-006	<0.1	78908-1	<0.1 <0.1	LCS-6	99%
Arochlor 1260	mg/kg	0.1	Org-006	<0.1	78908-1	<0.1 <0.1	[NR]	[NR]
Surrogate TCMX	%		Org-006	89	78908-1	99 100 RPD: 1	LCS-6	106%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base II Duplicate II %RPD		
Date extracted	-			18/09/2012	78908-1	18/09/2012 18/09/2012	LCS-6	18/09/2012
Date analysed	-			19/09/2012	78908-1	19/09/2012 19/09/2012	LCS-6	19/09/2012
Phenol	mg/kg	1	Org-012	<1	78908-1	<1 <1	LCS-6	98%
Bis-(2-chloroethyl) ether	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2-Chlorophenol	mg/kg	1	Org-012	<1	78908-1	<1 <1	LCS-6	101%
1,3-Dichlorobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
1,4-Dichlorobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	LCS-6	112%
2-Methylphenol	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
1,2-Dichlorobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Bis (2-chloroisopropyl) ether	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
3/4-Methylphenol	mg/kg	2	Org-012	<2	78908-1	<2 <2	[NR]	[NR]
N-nitrosodi-n-propylamine	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Hexachloroethane	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Nitrobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Isophorone	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2,4-Dimethylphenol	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2-Nitrophenol	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Bis(2-chloroethoxy)methane	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2,4-Dichlorophenol	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base Duplicate %RPD		
1,2,4-Trichlorobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Naphthalene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
4-Chloroaniline	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Hexachlorobutadiene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2-Methylnaphthalene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Hexachlorocyclopentadiene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2,4,6-trichlorophenol	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2,4,5-trichlorophenol	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2-Chloronaphthalene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2-nitroaniline	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Dimethylphthalate	mg/kg	1	Org-012	<1	78908-1	<1 <1	LCS-6	98%
2,6-Dinitrotoluene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Acenaphthylene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
3-Nitroaniline	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Acenaphthene	mg/kg	1	Org-012	<1	78908-1	<1 <1	LCS-6	96%
2,4-dinitrophenol	mg/kg	10	Org-012	<10	78908-1	<10 <10	[NR]	[NR]
4-nitrophenol	mg/kg	10	Org-012	<10	78908-1	<10 <10	LCS-6	60%
Dibenzofuran	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
diethylphthalate	mg/kg	1	Org-012	<1	78908-1	<1 <1	LCS-6	98%
4-chlorophenylphenylether	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
4-nitroaniline	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Fluorene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2-methyl-4,6-dinitrophenol	mg/kg	10	Org-012	<10	78908-1	<10 <10	[NR]	[NR]
azobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
4-bromophenylphenylether	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
hexachlorobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
pentachlorophenol	mg/kg	10	Org-012	<10	78908-1	<10 <10	[NR]	[NR]
Phenanthrene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Anthracene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
carbazole	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
di-n-butylphthalate	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Fluoranthene	mg/kg	1	Org-012	<1	78908-1	<1 <1	LCS-6	98%
Pyrene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
butylbenzylphthalate	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
bis(2-ethylhexyl)phthalate	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Benzo(a)anthracene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Chrysene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
di-n-octylphthalate	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Benzo(b)fluoranthene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Benzo(k)fluoranthene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Benzo(a)pyrene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Indeno(1,2,3-c,d)pyrene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base Duplicate %RPD		
Dibenzo(a,h)anthracene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
ethylmethanesulfonate	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
aniline	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
pentachloroethane	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
benzyl alcohol	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
acetophenone	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
N-nitrosomorpholine	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
N-nitrosopiperidine	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2,6-dichlorophenol	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
hexachloropropene-1	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
N-nitroso-n-butylamine	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
safole	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
1,2,4,5-tetrachlorobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
cis and trans iso-safole	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
1,3-dinitrobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
pentachlorobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
1-naphthylamine	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2,3,4,6-tetrachlorophenol	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2-naphthylamine	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
5-nitro-o-toluidine	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
diphenylamine	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
phenacetin	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
pentachloronitrobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
dinoseb	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
methapyrilene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
p-dimethylaminoazobenzene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
2-acetylaminofluorene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
7,12-dimethylbenz(a)anthracene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
3-methylcholanthrene	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
a-BHC	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
b-BHC	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
g-BHC	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
d-BHC	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Heptachlor	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Aldrin	mg/kg	1	Org-012	<1	78908-1	<1 <1	LCS-6	102%
Heptachlor Epoxide	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
g-Chlordane	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
a-Chlordane	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Endosulfan I	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
p,p'-DDE	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Dieldrin	mg/kg	1	Org-012	<1	78908-1	<1 <1	LCS-6	106%
Endrin	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base II Duplicate II %RPD		
p,p'-DDD	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Endosulfan II	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
p,p'-DDT	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Methoxychlor	mg/kg	1	Org-012	<1	78908-1	<1 <1	[NR]	[NR]
Surrogate 2-fluorophenol	%		Org-012	86	78908-1	91 86 RPD: 6	LCS-6	88%
Surrogate Phenol-d6	%		Org-012	87	78908-1	80 89 RPD: 11	LCS-6	85%
Surrogate Nitrobenzene-d5	%		Org-012	81	78908-1	95 100 RPD: 5	LCS-6	90%
Surrogate 2-fluorobiphenyl	%		Org-012	85	78908-1	82 83 RPD: 1	LCS-6	86%
Surrogate 2,4,6-Tribromophenol	%		Org-012	62	78908-1	74 67 RPD: 10	LCS-6	64%
Surrogate p-Terphenyl-d14	%		Org-012	85	78908-1	80 81 RPD: 1	LCS-6	140%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Acid Extractable metals in soil						Base II Duplicate II %RPD		
Date digested	-			18/09/2012	78908-1	18/09/2012 18/09/2012	LCS-6	18/09/2012
Date analysed	-			18/09/2012	78908-1	18/09/2012 18/09/2012	LCS-6	18/09/2012
Arsenic	mg/kg	4	Metals-020 ICP-AES	<4	78908-1	6 6 RPD: 0	LCS-6	91%
Cadmium	mg/kg	0.5	Metals-020 ICP-AES	<0.5	78908-1	<0.5 <0.5	LCS-6	98%
Chromium	mg/kg	1	Metals-020 ICP-AES	<1	78908-1	17 16 RPD: 6	LCS-6	97%
Copper	mg/kg	1	Metals-020 ICP-AES	<1	78908-1	11 11 RPD: 0	LCS-6	91%
Lead	mg/kg	1	Metals-020 ICP-AES	<1	78908-1	30 30 RPD: 0	LCS-6	94%
Mercury	mg/kg	0.1	Metals-021 CV-AAS	<0.1	78908-1	<0.1 <0.1	LCS-6	111%
Nickel	mg/kg	1	Metals-020 ICP-AES	<1	78908-1	4 4 RPD: 0	LCS-6	93%
Zinc	mg/kg	1	Metals-020 ICP-AES	<1	78908-1	47 44 RPD: 7	LCS-6	95%
Manganese	mg/kg	1	Metals-020 ICP-AES	<1	78908-1	420 470 RPD: 11	LCS-6	97%

QUALITY CONTROL Moisture	UNITS	PQL	METHOD	Blank				
Date prepared	-			[NT]				
Date analysed	-			[NT]				
Moisture	%	0.1	Inorg-008	[NT]				
QUALITY CONTROL Asbestos ID - soils WA	UNITS	PQL	METHOD	Blank				
Date analysed	-			[NT]				
QUALITY CONTROL Asbestos ID - materials	UNITS	PQL	METHOD	Blank				
Date analysed	-			[NT]				
QUALITY CONTROL vTRH & BTEX in Water	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			17/09/2012	[NT]	[NT]	LCS-W1	17/09/2012
Date analysed	-			18/09/2012	[NT]	[NT]	LCS-W1	18/09/2012
TRHC ₆ - C ₉	µg/L	10	Org-016	<10	[NT]	[NT]	LCS-W1	99%
Benzene	µg/L	1	Org-016	<1	[NT]	[NT]	LCS-W1	99%
Toluene	µg/L	1	Org-016	<1	[NT]	[NT]	LCS-W1	101%
Ethylbenzene	µg/L	1	Org-016	<1	[NT]	[NT]	LCS-W1	96%
m+p-xylene	µg/L	2	Org-016	<2	[NT]	[NT]	LCS-W1	99%
o-xylene	µg/L	1	Org-016	<1	[NT]	[NT]	LCS-W1	98%
Surrogate Dibromofluoromethane	%		Org-016	119	[NT]	[NT]	LCS-W1	107%
Surrogate toluene-d8	%		Org-016	105	[NT]	[NT]	LCS-W1	102%
Surrogate 4-BFB	%		Org-016	116	[NT]	[NT]	LCS-W1	104%
QUALITY CONTROL VOCs in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery			
Date extracted	-	78908-30	18/09/2012 18/09/2012	78908-5	18/09/2012			
Date analysed	-	78908-30	19/09/2012 19/09/2012	78908-5	19/09/2012			
Dichlorodifluoromethane	mg/kg	78908-30	<1 <1	[NR]	[NR]			
Chloromethane	mg/kg	78908-30	<1 <1	[NR]	[NR]			
Vinyl Chloride	mg/kg	78908-30	<1 <1	[NR]	[NR]			
Bromomethane	mg/kg	78908-30	<1 <1	[NR]	[NR]			
Chloroethane	mg/kg	78908-30	<1 <1	[NR]	[NR]			
Trichlorofluoromethane	mg/kg	78908-30	<1 <1	[NR]	[NR]			
1,1-Dichloroethene	mg/kg	78908-30	<1 <1	[NR]	[NR]			
trans-1,2-dichloroethene	mg/kg	78908-30	<1 <1	[NR]	[NR]			
1,1-dichloroethane	mg/kg	78908-30	<1 <1	78908-5	88%			
cis-1,2-dichloroethene	mg/kg	78908-30	<1 <1	[NR]	[NR]			
bromochloromethane	mg/kg	78908-30	<1 <1	[NR]	[NR]			
chloroform	mg/kg	78908-30	<1 <1	78908-5	86%			
2,2-dichloropropane	mg/kg	78908-30	<1 <1	[NR]	[NR]			
1,2-dichloroethane	mg/kg	78908-30	<1 <1	78908-5	85%			
1,1,1-trichloroethane	mg/kg	78908-30	<1 <1	78908-5	82%			

QUALITY CONTROL VOCs in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
1,1-dichloropropene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Cyclohexane	mg/kg	78908-30	<1 <1	[NR]	[NR]
carbon tetrachloride	mg/kg	78908-30	<1 <1	[NR]	[NR]
Benzene	mg/kg	78908-30	<0.2 <0.2	[NR]	[NR]
dibromomethane	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,2-dichloropropane	mg/kg	78908-30	<1 <1	[NR]	[NR]
trichloroethene	mg/kg	78908-30	<1 <1	78908-5	77%
bromodichloromethane	mg/kg	78908-30	<1 <1	78908-5	82%
trans-1,3-dichloropropene	mg/kg	78908-30	<1 <1	[NR]	[NR]
cis-1,3-dichloropropene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,1,2-trichloroethane	mg/kg	78908-30	<1 <1	[NR]	[NR]
Toluene	mg/kg	78908-30	<0.5 <0.5	[NR]	[NR]
1,3-dichloropropane	mg/kg	78908-30	<1 <1	[NR]	[NR]
dibromochloromethane	mg/kg	78908-30	<1 <1	78908-5	80%
1,2-dibromoethane	mg/kg	78908-30	<1 <1	[NR]	[NR]
tetrachloroethene	mg/kg	78908-30	<1 <1	78908-5	86%
1,1,1,2-tetrachloroethane	mg/kg	78908-30	<1 <1	[NR]	[NR]
chlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Ethylbenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
bromoform	mg/kg	78908-30	<1 <1	[NR]	[NR]
m+p-xylene	mg/kg	78908-30	<2 <2	[NR]	[NR]
styrene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,1,2,2-tetrachloroethane	mg/kg	78908-30	<1 <1	[NR]	[NR]
o-Xylene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,2,3-trichloropropane	mg/kg	78908-30	<1 <1	[NR]	[NR]
isopropylbenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
bromobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
n-propyl benzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
2-chlorotoluene	mg/kg	78908-30	<1 <1	[NR]	[NR]
4-chlorotoluene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,3,5-trimethyl benzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
tert-butyl benzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,2,4-trimethyl benzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,3-dichlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
sec-butyl benzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,4-dichlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
4-isopropyl toluene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,2-dichlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
n-butyl benzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,2-dibromo-3-chloropropane	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,2,4-trichlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]

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QUALITY CONTROL VOCs in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
hexachlorobutadiene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,2,3-trichlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Surrogate Dibromofluorometha	%	78908-30	96 94 RPD: 2	78908-5	99%
Surrogate aaa-Trifluorotoluene	%	78908-30	107 114 RPD: 6	78908-5	108%
Surrogate Toluene-d8	%	78908-30	97 98 RPD: 1	78908-5	99%
Surrogate 4-Bromofluorobenzene	%	78908-30	85 85 RPD: 0	78908-5	86%
QUALITY CONTROL vTRH & BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78908-30	18/09/2012 18/09/2012	LCS-7	18/09/2012
Date analysed	-	78908-30	19/09/2012 19/09/2012	LCS-7	19/09/2012
vTRHC ₆ - C ₉	mg/kg	78908-30	<25 <25	LCS-7	126%
Benzene	mg/kg	78908-30	<0.2 <0.2	LCS-7	130%
Toluene	mg/kg	78908-30	<0.5 <0.5	LCS-7	124%
Ethylbenzene	mg/kg	78908-30	<1 <1	LCS-7	120%
m+p-xylene	mg/kg	78908-30	<2 <2	LCS-7	128%
o-Xylene	mg/kg	78908-30	<1 <1	LCS-7	117%
Surrogate aaa-Trifluorotoluene	%	78908-30	107 114 RPD: 6	LCS-7	110%
QUALITY CONTROL sTRH in Soil (C10-C36)	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78908-30	18/09/2012 18/09/2012	LCS-7	18/09/2012
Date analysed	-	78908-30	18/09/2012 18/09/2012	LCS-7	19/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	78908-30	<50 <50	LCS-7	86%
TRHC ₁₅ - C ₂₃	mg/kg	78908-30	<100 <100	LCS-7	97%
TRHC ₂₉ - C ₃₆	mg/kg	78908-30	<100 <100	LCS-7	86%
Surrogate o-Terphenyl	%	78908-30	81 76 RPD: 6	LCS-7	92%
QUALITY CONTROL Organochlorine Pesticides in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78908-30	18/09/2012 18/09/2012	LCS-7	18/09/2012
Date analysed	-	78908-30	19/09/2012 19/09/2012	LCS-7	19/09/2012
HCB	mg/kg	78908-30	<0.1 <0.1	[NR]	[NR]
alpha-BHC	mg/kg	78908-30	<0.1 <0.1	LCS-7	91%
gamma-BHC	mg/kg	78908-30	<0.1 <0.1	[NR]	[NR]
beta-BHC	mg/kg	78908-30	<0.1 <0.1	LCS-7	118%
Heptachlor	mg/kg	78908-30	<0.1 <0.1	LCS-7	86%
delta-BHC	mg/kg	78908-30	<0.1 <0.1	[NR]	[NR]
Aldrin	mg/kg	78908-30	<0.1 <0.1	LCS-7	102%
Heptachlor Epoxide	mg/kg	78908-30	<0.1 <0.1	LCS-7	98%

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QUALITY CONTROL Organochlorine Pesticides in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
gamma-Chlordane	mg/kg	78908-30	<0.1 <0.1	[NR]	[NR]
alpha-chlordane	mg/kg	78908-30	<0.1 <0.1	[NR]	[NR]
Endosulfan I	mg/kg	78908-30	<0.1 <0.1	[NR]	[NR]
pp-DDE	mg/kg	78908-30	<0.1 <0.1	LCS-7	121%
Dieldrin	mg/kg	78908-30	<0.1 <0.1	LCS-7	101%
Endrin	mg/kg	78908-30	<0.1 <0.1	LCS-7	99%
pp-DDD	mg/kg	78908-30	<0.1 <0.1	LCS-7	118%
Endosulfan II	mg/kg	78908-30	<0.1 <0.1	[NR]	[NR]
pp-DDT	mg/kg	78908-30	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	78908-30	<0.1 <0.1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	78908-30	<0.1 <0.1	LCS-7	95%
Methoxychlor	mg/kg	78908-30	<0.1 <0.1	[NR]	[NR]
Surrogate TCMX	%	78908-30	102 91 RPD: 11	LCS-7	99%
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		
Date extracted	-	78908-30	18/09/2012 18/09/2012		
Date analysed	-	78908-30	19/09/2012 19/09/2012		
Arochlor 1016	mg/kg	78908-30	<0.1 <0.1		
Arochlor 1221	mg/kg	78908-30	<0.1 <0.1		
Arochlor 1232	mg/kg	78908-30	<0.1 <0.1		
Arochlor 1242	mg/kg	78908-30	<0.1 <0.1		
Arochlor 1248	mg/kg	78908-30	<0.1 <0.1		
Arochlor 1254	mg/kg	78908-30	<0.1 <0.1		
Arochlor 1260	mg/kg	78908-30	<0.1 <0.1		
Surrogate TCMX	%	78908-30	102 91 RPD: 11		
QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78908-30	18/09/2012 18/09/2012	LCS-7	18/09/2012
Date analysed	-	78908-30	19/09/2012 19/09/2012	LCS-7	19/09/2012
Phenol	mg/kg	78908-30	<1 <1	LCS-7	98%
Bis-(2-chloroethyl) ether	mg/kg	78908-30	<1 <1	[NR]	[NR]
2-Chlorophenol	mg/kg	78908-30	<1 <1	LCS-7	103%
1,3-Dichlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,4-Dichlorobenzene	mg/kg	78908-30	<1 <1	LCS-7	110%
2-Methylphenol	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,2-Dichlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Bis (2-chloroisopropyl) ether	mg/kg	78908-30	<1 <1	[NR]	[NR]
3/4-Methylphenol	mg/kg	78908-30	<2 <2	[NR]	[NR]
N-nitrosodi-n-propylamine	mg/kg	78908-30	<1 <1	[NR]	[NR]
Hexachloroethane	mg/kg	78908-30	<1 <1	[NR]	[NR]

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Nitrobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Isophorone	mg/kg	78908-30	<1 <1	[NR]	[NR]
2,4-Dimethylphenol	mg/kg	78908-30	<1 <1	[NR]	[NR]
2-Nitrophenol	mg/kg	78908-30	<1 <1	[NR]	[NR]
Bis(2-chloroethoxy)methane	mg/kg	78908-30	<1 <1	[NR]	[NR]
2,4-Dichlorophenol	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,2,4-Trichlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Naphthalene	mg/kg	78908-30	<1 <1	[NR]	[NR]
4-Chloroaniline	mg/kg	78908-30	<1 <1	[NR]	[NR]
Hexachlorobutadiene	mg/kg	78908-30	<1 <1	[NR]	[NR]
2-Methylnaphthalene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Hexachlorocyclopentadiene	mg/kg	78908-30	<1 <1	[NR]	[NR]
2,4,6-trichlorophenol	mg/kg	78908-30	<1 <1	[NR]	[NR]
2,4,5-trichlorophenol	mg/kg	78908-30	<1 <1	[NR]	[NR]
2-Chloronaphthalene	mg/kg	78908-30	<1 <1	[NR]	[NR]
2-nitroaniline	mg/kg	78908-30	<1 <1	[NR]	[NR]
Dimethylphthalate	mg/kg	78908-30	<1 <1	LCS-7	105%
2,6-Dinitrotoluene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Acenaphthylene	mg/kg	78908-30	<1 <1	[NR]	[NR]
3-Nitroaniline	mg/kg	78908-30	<1 <1	[NR]	[NR]
Acenaphthene	mg/kg	78908-30	<1 <1	LCS-7	100%
2,4-dinitrophenol	mg/kg	78908-30	<10 <10	[NR]	[NR]
4-nitrophenol	mg/kg	78908-30	<10 <10	LCS-7	126%
Dibenzofuran	mg/kg	78908-30	<1 <1	[NR]	[NR]
diethylphthalate	mg/kg	78908-30	<1 <1	LCS-7	101%
4-chlorophenylphenylether	mg/kg	78908-30	<1 <1	[NR]	[NR]
4-nitroaniline	mg/kg	78908-30	<1 <1	[NR]	[NR]
Fluorene	mg/kg	78908-30	<1 <1	[NR]	[NR]
2-methyl-4,6-dinitrophenol	mg/kg	78908-30	<10 <10	[NR]	[NR]
azobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
4-bromophenylphenylether	mg/kg	78908-30	<1 <1	[NR]	[NR]
hexachlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
pentachlorophenol	mg/kg	78908-30	<10 <10	[NR]	[NR]
Phenanthrene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Anthracene	mg/kg	78908-30	<1 <1	[NR]	[NR]
carbazole	mg/kg	78908-30	<1 <1	[NR]	[NR]
di-n-butylphthalate	mg/kg	78908-30	<1 <1	[NR]	[NR]
Fluoranthene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Pyrene	mg/kg	78908-30	<1 <1	LCS-7	106%
butylbenzylphthalate	mg/kg	78908-30	<1 <1	[NR]	[NR]
bis(2-ethylhexyl)phthalate	mg/kg	78908-30	<1 <1	[NR]	[NR]

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Benzo(a)anthracene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Chrysene	mg/kg	78908-30	<1 <1	[NR]	[NR]
di-n-octylphthalate	mg/kg	78908-30	<1 <1	[NR]	[NR]
Benzo(b)fluoranthene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Benzo(k)fluoranthene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Benzo(a)pyrene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Indeno(1,2,3-c,d)pyrene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	78908-30	<1 <1	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	78908-30	<1 <1	[NR]	[NR]
ethylmethanesulfonate	mg/kg	78908-30	<1 <1	[NR]	[NR]
aniline	mg/kg	78908-30	<1 <1	[NR]	[NR]
pentachloroethane	mg/kg	78908-30	<1 <1	[NR]	[NR]
benzyl alcohol	mg/kg	78908-30	<1 <1	[NR]	[NR]
acetophenone	mg/kg	78908-30	<1 <1	[NR]	[NR]
N-nitrosomorpholine	mg/kg	78908-30	<1 <1	[NR]	[NR]
N-nitrosopiperidine	mg/kg	78908-30	<1 <1	[NR]	[NR]
2,6-dichlorophenol	mg/kg	78908-30	<1 <1	[NR]	[NR]
hexachloropropene-1	mg/kg	78908-30	<1 <1	[NR]	[NR]
N-nitroso-n-butylamine	mg/kg	78908-30	<1 <1	[NR]	[NR]
safrrole	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,2,4,5-tetrachlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
cis and trans iso-safrrole	mg/kg	78908-30	<1 <1	[NR]	[NR]
1,3-dinitrobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
pentachlorobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
1-naphthylamine	mg/kg	78908-30	<1 <1	[NR]	[NR]
2,3,4,6-tetrachlorophenol	mg/kg	78908-30	<1 <1	[NR]	[NR]
2-naphthylamine	mg/kg	78908-30	<1 <1	[NR]	[NR]
5-nitro-o-toluidine	mg/kg	78908-30	<1 <1	[NR]	[NR]
diphenylamine	mg/kg	78908-30	<1 <1	[NR]	[NR]
phenacetin	mg/kg	78908-30	<1 <1	[NR]	[NR]
pentachloronitrobenzene	mg/kg	78908-30	<1 <1	[NR]	[NR]
dinoseb	mg/kg	78908-30	<1 <1	[NR]	[NR]
methapyrilene	mg/kg	78908-30	<1 <1	[NR]	[NR]
p-dimethylaminoazobenzen e	mg/kg	78908-30	<1 <1	[NR]	[NR]
2-acetylaminofluorene	mg/kg	78908-30	<1 <1	[NR]	[NR]
7,12-dimethylbenz(a)anthra cene	mg/kg	78908-30	<1 <1	[NR]	[NR]
3-methylcholanthrene	mg/kg	78908-30	<1 <1	[NR]	[NR]
a-BHC	mg/kg	78908-30	<1 <1	[NR]	[NR]
b-BHC	mg/kg	78908-30	<1 <1	[NR]	[NR]
g-BHC	mg/kg	78908-30	<1 <1	[NR]	[NR]

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
d-BHC	mg/kg	78908-30	<1 <1	[NR]	[NR]
Heptachlor	mg/kg	78908-30	<1 <1	[NR]	[NR]
Aldrin	mg/kg	78908-30	<1 <1	LCS-7	99%
Heptachlor Epoxide	mg/kg	78908-30	<1 <1	[NR]	[NR]
g-Chlordane	mg/kg	78908-30	<1 <1	[NR]	[NR]
a-Chlordane	mg/kg	78908-30	<1 <1	[NR]	[NR]
Endosulfan I	mg/kg	78908-30	<1 <1	[NR]	[NR]
p,p'-DDE	mg/kg	78908-30	<1 <1	[NR]	[NR]
Dieldrin	mg/kg	78908-30	<1 <1	LCS-7	99%
Endrin	mg/kg	78908-30	<1 <1	[NR]	[NR]
p,p'-DDD	mg/kg	78908-30	<1 <1	[NR]	[NR]
Endosulfan II	mg/kg	78908-30	<1 <1	[NR]	[NR]
p,p'-DDT	mg/kg	78908-30	<1 <1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	78908-30	<1 <1	[NR]	[NR]
Methoxychlor	mg/kg	78908-30	<1 <1	[NR]	[NR]
Surrogate 2-fluorophenol	%	78908-30	77 81 RPD: 5	[NR]	[NR]
Surrogate Phenol-d6	%	78908-30	90 94 RPD: 4	LCS-7	96%
Surrogate Nitrobenzene-d5	%	78908-30	90 98 RPD: 9	LCS-7	104%
Surrogate 2-fluorobiphenyl	%	78908-30	85 82 RPD: 4	LCS-7	90%
Surrogate 2,4,6-Tribromophenol	%	78908-30	61 71 RPD: 15	LCS-7	90%
Surrogate p-Terphenyl-d14	%	78908-30	84 80 RPD: 5	LCS-7	73%
QUALITY CONTROL Acid Extractable metals in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date digested	-	78908-30	18/09/2012 18/09/2012	LCS-2	18/09/2012
Date analysed	-	78908-30	18/09/2012 18/09/2012	LCS-2	18/09/2012
Arsenic	mg/kg	78908-30	<4 5	LCS-2	93%
Cadmium	mg/kg	78908-30	<0.5 <0.5	LCS-2	102%
Chromium	mg/kg	78908-30	11 11 RPD: 0	LCS-2	99%
Copper	mg/kg	78908-30	9 10 RPD: 11	LCS-2	94%
Lead	mg/kg	78908-30	20 19 RPD: 5	LCS-2	96%
Mercury	mg/kg	78908-30	<0.1 <0.1	LCS-2	107%
Nickel	mg/kg	78908-30	4 4 RPD: 0	LCS-2	96%
Zinc	mg/kg	78908-30	67 72 RPD: 7	LCS-2	97%
Manganese	mg/kg	78908-30	400 370 RPD: 8	LCS-2	98%

QUALITY CONTROL VTRH & BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78908-41	18/09/2012 18/09/2012	78908-5	18/09/2012
Date analysed	-	78908-41	19/09/2012 19/09/2012	78908-5	19/09/2012
vTRHC ₆ - C ₉	mg/kg	78908-41	<25 <25	78908-5	109%
Benzene	mg/kg	78908-41	<0.2 <0.2	78908-5	113%
Toluene	mg/kg	78908-41	<0.5 <0.5	78908-5	107%
Ethylbenzene	mg/kg	78908-41	<1 <1	78908-5	103%
m+p-xylene	mg/kg	78908-41	<2 <2	78908-5	110%
o-Xylene	mg/kg	78908-41	<1 <1	78908-5	101%
Surrogate aaa-Trifluorotoluene	%	78908-41	112 104 RPD: 7	78908-5	104%
QUALITY CONTROL sTRH in Soil (C10-C36)	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78908-41	18/09/2012 18/09/2012	78908-5	18/09/2012
Date analysed	-	78908-41	18/09/2012 18/09/2012	78908-5	18/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	78908-41	<50 <50	78908-5	91%
TRHC ₁₅ - C ₂₈	mg/kg	78908-41	<100 <100	78908-5	103%
TRHC ₂₉ - C ₃₆	mg/kg	78908-41	<100 <100	78908-5	75%
Surrogate o-Terphenyl	%	78908-41	70 62 RPD: 12	78908-5	99%
QUALITY CONTROL Organochlorine Pesticides in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78908-41	18/09/2012 18/09/2012	78908-5	18/09/2012
Date analysed	-	78908-41	19/09/2012 19/09/2012	78908-5	19/09/2012
HCB	mg/kg	78908-41	<0.1 <0.1	[NR]	[NR]
alpha-BHC	mg/kg	78908-41	<0.1 <0.1	78908-5	90%
gamma-BHC	mg/kg	78908-41	<0.1 <0.1	[NR]	[NR]
beta-BHC	mg/kg	78908-41	<0.1 <0.1	78908-5	121%
Heptachlor	mg/kg	78908-41	<0.1 <0.1	78908-5	93%
delta-BHC	mg/kg	78908-41	<0.1 <0.1	[NR]	[NR]
Aldrin	mg/kg	78908-41	<0.1 <0.1	78908-5	106%
Heptachlor Epoxide	mg/kg	78908-41	<0.1 <0.1	78908-5	102%
gamma-Chlordane	mg/kg	78908-41	<0.1 <0.1	[NR]	[NR]
alpha-chlordane	mg/kg	78908-41	<0.1 <0.1	[NR]	[NR]
Endosulfan I	mg/kg	78908-41	<0.1 <0.1	[NR]	[NR]
pp-DDE	mg/kg	78908-41	<0.1 <0.1	78908-5	125%
Dieldrin	mg/kg	78908-41	<0.1 <0.1	78908-5	105%
Endrin	mg/kg	78908-41	<0.1 <0.1	78908-5	103%
pp-DDD	mg/kg	78908-41	<0.1 <0.1	78908-5	122%
Endosulfan II	mg/kg	78908-41	<0.1 <0.1	[NR]	[NR]
pp-DDT	mg/kg	78908-41	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	78908-41	<0.1 <0.1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	78908-41	<0.1 <0.1	78908-5	98%

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QUALITY CONTROL Organochlorine Pesticides in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Methoxychlor	mg/kg	78908-41	<0.1 <0.1	[NR]	[NR]
Surrogate TCMX	%	78908-41	96 88 RPD: 9	78908-5	122%
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	[NT]	[NT]	78908-5	18/09/2012
Date analysed	-	[NT]	[NT]	78908-5	19/09/2012
Arochlor 1016	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1221	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1232	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1242	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1248	mg/kg	[NT]	[NT]	[NR]	[NR]
Arochlor 1254	mg/kg	[NT]	[NT]	78908-5	133%
Arochlor 1260	mg/kg	[NT]	[NT]	[NR]	[NR]
Surrogate TCLMX	%	[NT]	[NT]	78908-5	96%
QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	78908-41	18/09/2012 18/09/2012	78908-5	18/09/2012
Date analysed	-	78908-41	19/09/2012 19/09/2012	78908-5	19/09/2012
Phenol	mg/kg	78908-41	<1 <1	78908-5	111%
Bis-(2-chloroethyl) ether	mg/kg	78908-41	<1 <1	[NR]	[NR]
2-Chlorophenol	mg/kg	78908-41	<1 <1	78908-5	116%
1,3-Dichlorobenzene	mg/kg	78908-41	<1 <1	[NR]	[NR]
1,4-Dichlorobenzene	mg/kg	78908-41	<1 <1	78908-5	103%
2-Methylphenol	mg/kg	78908-41	<1 <1	[NR]	[NR]
1,2-Dichlorobenzene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Bis (2-chloroisopropyl) ether	mg/kg	78908-41	<1 <1	[NR]	[NR]
3/4-Methylphenol	mg/kg	78908-41	<2 <2	[NR]	[NR]
N-nitrosodi-n-propylamine	mg/kg	78908-41	<1 <1	[NR]	[NR]
Hexachloroethane	mg/kg	78908-41	<1 <1	[NR]	[NR]
Nitrobenzene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Isophorone	mg/kg	78908-41	<1 <1	[NR]	[NR]
2,4-Dimethylphenol	mg/kg	78908-41	<1 <1	[NR]	[NR]
2-Nitrophenol	mg/kg	78908-41	<1 <1	[NR]	[NR]
Bis(2-chloroethoxy) methane	mg/kg	78908-41	<1 <1	[NR]	[NR]
2,4-Dichlorophenol	mg/kg	78908-41	<1 <1	[NR]	[NR]
1,2,4-Trichlorobenzene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Naphthalene	mg/kg	78908-41	<1 <1	[NR]	[NR]
4-Chloroaniline	mg/kg	78908-41	<1 <1	[NR]	[NR]
Hexachlorobutadiene	mg/kg	78908-41	<1 <1	[NR]	[NR]
2-Methylnaphthalene	mg/kg	78908-41	<1 <1	[NR]	[NR]

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Hexachlorocyclopentadiene	mg/kg	78908-41	<1 <1	[NR]	[NR]
2,4,6-trichlorophenol	mg/kg	78908-41	<1 <1	[NR]	[NR]
2,4,5-trichlorophenol	mg/kg	78908-41	<1 <1	[NR]	[NR]
2-Chloronaphthalene	mg/kg	78908-41	<1 <1	[NR]	[NR]
2-nitroaniline	mg/kg	78908-41	<1 <1	[NR]	[NR]
Dimethylphthalate	mg/kg	78908-41	<1 <1	78908-5	98%
2,6-Dinitrotoluene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Acenaphthylene	mg/kg	78908-41	<1 <1	[NR]	[NR]
3-Nitroaniline	mg/kg	78908-41	<1 <1	[NR]	[NR]
Acenaphthene	mg/kg	78908-41	<1 <1	78908-5	104%
2,4-dinitrophenol	mg/kg	78908-41	<10 <10	[NR]	[NR]
4-nitrophenol	mg/kg	78908-41	<10 <10	78908-5	115%
Dibenzofuran	mg/kg	78908-41	<1 <1	[NR]	[NR]
diethylphthalate	mg/kg	78908-41	<1 <1	78908-5	97%
4-chlorophenylphenylether	mg/kg	78908-41	<1 <1	[NR]	[NR]
4-nitroaniline	mg/kg	78908-41	<1 <1	[NR]	[NR]
Fluorene	mg/kg	78908-41	<1 <1	[NR]	[NR]
2-methyl-4,6-dinitrophenol	mg/kg	78908-41	<10 <10	[NR]	[NR]
azobenzene	mg/kg	78908-41	<1 <1	[NR]	[NR]
4-bromophenylphenylether	mg/kg	78908-41	<1 <1	[NR]	[NR]
hexachlorobenzene	mg/kg	78908-41	<1 <1	[NR]	[NR]
pentachlorophenol	mg/kg	78908-41	<10 <10	[NR]	[NR]
Phenanthrene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Anthracene	mg/kg	78908-41	<1 <1	[NR]	[NR]
carbazole	mg/kg	78908-41	<1 <1	[NR]	[NR]
di-n-butylphthalate	mg/kg	78908-41	<1 <1	[NR]	[NR]
Fluoranthene	mg/kg	78908-41	<1 <1	78908-5	101%
Pyrene	mg/kg	78908-41	<1 <1	[NR]	[NR]
butylbenzylphthalate	mg/kg	78908-41	<1 <1	[NR]	[NR]
bis(2-ethylhexyl)phthalate	mg/kg	78908-41	<1 <1	[NR]	[NR]
Benzo(a)anthracene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Chrysene	mg/kg	78908-41	<1 <1	[NR]	[NR]
di-n-octylphthalate	mg/kg	78908-41	<1 <1	[NR]	[NR]
Benzo(b)fluoranthene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Benzo(k)fluoranthene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Benzo(a)pyrene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Indeno(1,2,3-c,d)pyrene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	78908-41	<1 <1	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	78908-41	<1 <1	[NR]	[NR]
ethylmethanesulfonate	mg/kg	78908-41	<1 <1	[NR]	[NR]
aniline	mg/kg	78908-41	<1 <1	[NR]	[NR]
pentachloroethane	mg/kg	78908-41	<1 <1	[NR]	[NR]

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
benzyl alcohol	mg/kg	78908-41	<1 <1	[NR]	[NR]
acetophenone	mg/kg	78908-41	<1 <1	[NR]	[NR]
N-nitrosomorpholine	mg/kg	78908-41	<1 <1	[NR]	[NR]
N-nitrosopiperidine	mg/kg	78908-41	<1 <1	[NR]	[NR]
2,6-dichlorophenol	mg/kg	78908-41	<1 <1	[NR]	[NR]
hexachloropropene-1	mg/kg	78908-41	<1 <1	[NR]	[NR]
N-nitroso-n-butylamine	mg/kg	78908-41	<1 <1	[NR]	[NR]
safrrole	mg/kg	78908-41	<1 <1	[NR]	[NR]
1,2,4,5-tetrachlorobenzene	mg/kg	78908-41	<1 <1	[NR]	[NR]
cis and trans iso-safrrole	mg/kg	78908-41	<1 <1	[NR]	[NR]
1,3-dinitrobenzene	mg/kg	78908-41	<1 <1	[NR]	[NR]
pentachlorobenzene	mg/kg	78908-41	<1 <1	[NR]	[NR]
1-naphthylamine	mg/kg	78908-41	<1 <1	[NR]	[NR]
2,3,4,6-tetrachlorophenol	mg/kg	78908-41	<1 <1	[NR]	[NR]
2-naphthylamine	mg/kg	78908-41	<1 <1	[NR]	[NR]
5-nitro-o-toluidine	mg/kg	78908-41	<1 <1	[NR]	[NR]
diphenylamine	mg/kg	78908-41	<1 <1	[NR]	[NR]
phenacetin	mg/kg	78908-41	<1 <1	[NR]	[NR]
pentachloronitrobenzene	mg/kg	78908-41	<1 <1	[NR]	[NR]
dinoseb	mg/kg	78908-41	<1 <1	[NR]	[NR]
methapyrilene	mg/kg	78908-41	<1 <1	[NR]	[NR]
p-dimethylaminoazobenzen e	mg/kg	78908-41	<1 <1	[NR]	[NR]
2-acetylaminofluorene	mg/kg	78908-41	<1 <1	[NR]	[NR]
7,12-dimethylbenz(a)anthra cene	mg/kg	78908-41	<1 <1	[NR]	[NR]
3-methylcholanthrene	mg/kg	78908-41	<1 <1	[NR]	[NR]
a-BHC	mg/kg	78908-41	<1 <1	[NR]	[NR]
b-BHC	mg/kg	78908-41	<1 <1	[NR]	[NR]
g-BHC	mg/kg	78908-41	<1 <1	[NR]	[NR]
d-BHC	mg/kg	78908-41	<1 <1	[NR]	[NR]
Heptachlor	mg/kg	78908-41	<1 <1	[NR]	[NR]
Aldrin	mg/kg	78908-41	<1 <1	78908-5	98%
Heptachlor Epoxide	mg/kg	78908-41	<1 <1	[NR]	[NR]
g-Chlordane	mg/kg	78908-41	<1 <1	[NR]	[NR]
a-Chlordane	mg/kg	78908-41	<1 <1	[NR]	[NR]
Endosulfan I	mg/kg	78908-41	<1 <1	[NR]	[NR]
p,p'-DDE	mg/kg	78908-41	<1 <1	[NR]	[NR]
Dieldrin	mg/kg	78908-41	<1 <1	78908-5	95%
Endrin	mg/kg	78908-41	<1 <1	[NR]	[NR]
p,p'-DDD	mg/kg	78908-41	<1 <1	[NR]	[NR]
Endosulfan II	mg/kg	78908-41	<1 <1	[NR]	[NR]

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QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
p,p'-DDT	mg/kg	78908-41	<1 <1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	78908-41	<1 <1	[NR]	[NR]
Methoxychlor	mg/kg	78908-41	<1 <1	[NR]	[NR]
<i>Surrogate</i> 2-fluorophenol	%	78908-41	82 76 RPD: 8	78908-5	76%
<i>Surrogate</i> Phenol-d ₆	%	78908-41	60 60 RPD: 0	78908-5	99%
<i>Surrogate</i> Nitrobenzene-d ₅	%	78908-41	104 79 RPD: 27	78908-5	97%
<i>Surrogate</i> 2-fluorobiphenyl	%	78908-41	87 86 RPD: 1	78908-5	83%
<i>Surrogate</i> 2,4,6-Tribromophenol	%	78908-41	62 61 RPD: 2	78908-5	70%
<i>Surrogate</i> p-Terphenyl-d ₁₄	%	78908-41	95 77 RPD: 21	78908-5	131%
QUALITY CONTROL Acid Extractable metals in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date digested	-	78908-41	18/09/2012 18/09/2012	78908-5	18/09/2012
Date analysed	-	78908-41	18/09/2012 18/09/2012	78908-5	18/09/2012
Arsenic	mg/kg	78908-41	<4 <4	78908-5	84%
Cadmium	mg/kg	78908-41	<0.5 <0.5	78908-5	90%
Chromium	mg/kg	78908-41	13 14 RPD: 7	78908-5	89%
Copper	mg/kg	78908-41	13 13 RPD: 0	78908-5	93%
Lead	mg/kg	78908-41	26 26 RPD: 0	78908-5	85%
Mercury	mg/kg	78908-41	<0.1 <0.1	78908-5	107%
Nickel	mg/kg	78908-41	7 7 RPD: 0	78908-5	85%
Zinc	mg/kg	78908-41	38 39 RPD: 3	78908-5	90%
Manganese	mg/kg	78908-41	590 630 RPD: 7	78908-5	#
QUALITY CONTROL vTRH & BTEX in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	[NT]	[NT]	78908-46	18/09/2012
Date analysed	-	[NT]	[NT]	78908-46	19/09/2012
vTRH C ₆ - C ₉	mg/kg	[NT]	[NT]	78908-46	113%
Benzene	mg/kg	[NT]	[NT]	78908-46	119%
Toluene	mg/kg	[NT]	[NT]	78908-46	112%
Ethylbenzene	mg/kg	[NT]	[NT]	78908-46	108%
m+p-xylene	mg/kg	[NT]	[NT]	78908-46	114%
o-Xylene	mg/kg	[NT]	[NT]	78908-46	106%
<i>Surrogate</i> aaa-Trifluorotoluene	%	[NT]	[NT]	78908-46	108%

QUALITY CONTROL sTRH in Soil (C10-C36)	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	[NT]	[NT]	78908-46	18/09/2012
Date analysed	-	[NT]	[NT]	78908-46	19/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	[NT]	[NT]	78908-46	105%
TRHC ₁₅ - C ₂₃	mg/kg	[NT]	[NT]	78908-46	118%
TRHC ₂₉ - C ₃₆	mg/kg	[NT]	[NT]	78908-46	107%
Surrogate o-Terphenyl	%	[NT]	[NT]	78908-46	111%
QUALITY CONTROL Organochlorine Pesticides in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	[NT]	[NT]	78908-46	18/09/2012
Date analysed	-	[NT]	[NT]	78908-46	19/09/2012
HCB	mg/kg	[NT]	[NT]	[NR]	[NR]
alpha-BHC	mg/kg	[NT]	[NT]	78908-46	106%
gamma-BHC	mg/kg	[NT]	[NT]	[NR]	[NR]
beta-BHC	mg/kg	[NT]	[NT]	78908-46	111%
Heptachlor	mg/kg	[NT]	[NT]	78908-46	103%
delta-BHC	mg/kg	[NT]	[NT]	[NR]	[NR]
Aldrin	mg/kg	[NT]	[NT]	78908-46	106%
Heptachlor Epoxide	mg/kg	[NT]	[NT]	78908-46	112%
gamma-Chlordane	mg/kg	[NT]	[NT]	[NR]	[NR]
alpha-chlordane	mg/kg	[NT]	[NT]	[NR]	[NR]
Endosulfan I	mg/kg	[NT]	[NT]	[NR]	[NR]
pp-DDE	mg/kg	[NT]	[NT]	78908-46	115%
Dieldrin	mg/kg	[NT]	[NT]	78908-46	116%
Endrin	mg/kg	[NT]	[NT]	78908-46	101%
pp-DDD	mg/kg	[NT]	[NT]	78908-46	129%
Endosulfan II	mg/kg	[NT]	[NT]	[NR]	[NR]
pp-DDT	mg/kg	[NT]	[NT]	[NR]	[NR]
Endrin Aldehyde	mg/kg	[NT]	[NT]	[NR]	[NR]
Endosulfan Sulphate	mg/kg	[NT]	[NT]	78908-46	102%
Methoxychlor	mg/kg	[NT]	[NT]	[NR]	[NR]
Surrogate TCMX	%	[NT]	[NT]	78908-46	88%

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	[NT]	[NT]	78908-46	18/09/2012
Date analysed	-	[NT]	[NT]	78908-46	19/09/2012
Phenol	mg/kg	[NT]	[NT]	78908-46	95%
Bis-(2-chloroethyl) ether	mg/kg	[NT]	[NT]	[NR]	[NR]
2-Chlorophenol	mg/kg	[NT]	[NT]	78908-46	108%
1,3-Dichlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
1,4-Dichlorobenzene	mg/kg	[NT]	[NT]	78908-46	108%
2-Methylphenol	mg/kg	[NT]	[NT]	[NR]	[NR]
1,2-Dichlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
Bis (2-chloroisopropyl) ether	mg/kg	[NT]	[NT]	[NR]	[NR]
3/4-Methylphenol	mg/kg	[NT]	[NT]	[NR]	[NR]
N-nitrosodi-n-propylamine	mg/kg	[NT]	[NT]	[NR]	[NR]
Hexachloroethane	mg/kg	[NT]	[NT]	[NR]	[NR]
Nitrobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
Isophorone	mg/kg	[NT]	[NT]	[NR]	[NR]
2,4-Dimethylphenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2-Nitrophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
Bis(2-chloroethoxy)methane	mg/kg	[NT]	[NT]	[NR]	[NR]
2,4-Dichlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
1,2,4-Trichlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
Naphthalene	mg/kg	[NT]	[NT]	[NR]	[NR]
4-Chloroaniline	mg/kg	[NT]	[NT]	[NR]	[NR]
Hexachlorobutadiene	mg/kg	[NT]	[NT]	[NR]	[NR]
2-Methylnaphthalene	mg/kg	[NT]	[NT]	[NR]	[NR]
Hexachlorocyclopentadiene	mg/kg	[NT]	[NT]	[NR]	[NR]
2,4,6-trichlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2,4,5-trichlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2-Chloronaphthalene	mg/kg	[NT]	[NT]	[NR]	[NR]
2-nitroaniline	mg/kg	[NT]	[NT]	[NR]	[NR]
Dimethylphthalate	mg/kg	[NT]	[NT]	78908-46	109%
2,6-Dinitrotoluene	mg/kg	[NT]	[NT]	[NR]	[NR]
Acenaphthylene	mg/kg	[NT]	[NT]	[NR]	[NR]
3-Nitroaniline	mg/kg	[NT]	[NT]	[NR]	[NR]
Acenaphthene	mg/kg	[NT]	[NT]	78908-46	126%
2,4-dinitrophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
4-nitrophenol	mg/kg	[NT]	[NT]	78908-46	77%
Dibenzofuran	mg/kg	[NT]	[NT]	[NR]	[NR]
diethylphthalate	mg/kg	[NT]	[NT]	78908-46	118%
4-chlorophenylphenylether	mg/kg	[NT]	[NT]	[NR]	[NR]
4-nitroaniline	mg/kg	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Fluorene	mg/kg	[NT]	[NT]	[NR]	[NR]
2-methyl-4,6-dinitrophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
azobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
4-bromophenylphenylether	mg/kg	[NT]	[NT]	[NR]	[NR]
hexachlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
pentachlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
Phenanthrene	mg/kg	[NT]	[NT]	[NR]	[NR]
Anthracene	mg/kg	[NT]	[NT]	[NR]	[NR]
carbazole	mg/kg	[NT]	[NT]	[NR]	[NR]
di-n-butylphthalate	mg/kg	[NT]	[NT]	[NR]	[NR]
Fluoranthene	mg/kg	[NT]	[NT]	[NR]	[NR]
Pyrene	mg/kg	[NT]	[NT]	78908-46	121%
butylbenzylphthalate	mg/kg	[NT]	[NT]	[NR]	[NR]
bis(2-ethylhexyl)phthalate	mg/kg	[NT]	[NT]	[NR]	[NR]
Benzo(a)anthracene	mg/kg	[NT]	[NT]	[NR]	[NR]
Chrysene	mg/kg	[NT]	[NT]	[NR]	[NR]
di-n-octylphthalate	mg/kg	[NT]	[NT]	[NR]	[NR]
Benzo(b)fluoranthene	mg/kg	[NT]	[NT]	[NR]	[NR]
Benzo(k)fluoranthene	mg/kg	[NT]	[NT]	[NR]	[NR]
Benzo(a)pyrene	mg/kg	[NT]	[NT]	[NR]	[NR]
Indeno(1,2,3-c,d)pyrene	mg/kg	[NT]	[NT]	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	[NT]	[NT]	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	[NT]	[NT]	[NR]	[NR]
ethylmethanesulfonate	mg/kg	[NT]	[NT]	[NR]	[NR]
aniline	mg/kg	[NT]	[NT]	[NR]	[NR]
pentachloroethane	mg/kg	[NT]	[NT]	[NR]	[NR]
benzyl alcohol	mg/kg	[NT]	[NT]	[NR]	[NR]
acetophenone	mg/kg	[NT]	[NT]	[NR]	[NR]
N-nitrosomorpholine	mg/kg	[NT]	[NT]	[NR]	[NR]
N-nitrosopiperidine	mg/kg	[NT]	[NT]	[NR]	[NR]
2,6-dichlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
hexachloropropene-1	mg/kg	[NT]	[NT]	[NR]	[NR]
N-nitroso-n-butylamine	mg/kg	[NT]	[NT]	[NR]	[NR]
safrole	mg/kg	[NT]	[NT]	[NR]	[NR]
1,2,4,5-tetrachlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
cis and trans iso-safrole	mg/kg	[NT]	[NT]	[NR]	[NR]
1,3-dinitrobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
pentachlorobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
1-naphthylamine	mg/kg	[NT]	[NT]	[NR]	[NR]
2,3,4,6-tetrachlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2-naphthylamine	mg/kg	[NT]	[NT]	[NR]	[NR]
5-nitro-o-toluidine	mg/kg	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL SVOCs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
diphenylamine	mg/kg	[NT]	[NT]	[NR]	[NR]
phenacetin	mg/kg	[NT]	[NT]	[NR]	[NR]
pentachloronitrobenzene	mg/kg	[NT]	[NT]	[NR]	[NR]
dinoseb	mg/kg	[NT]	[NT]	[NR]	[NR]
methapyrilene	mg/kg	[NT]	[NT]	[NR]	[NR]
p-dimethylaminoazobenzen e	mg/kg	[NT]	[NT]	[NR]	[NR]
2-acetylaminofluorene	mg/kg	[NT]	[NT]	[NR]	[NR]
7,12-dimethylbenz(a)anthra cene	mg/kg	[NT]	[NT]	[NR]	[NR]
3-methylcholanthrene	mg/kg	[NT]	[NT]	[NR]	[NR]
a-BHC	mg/kg	[NT]	[NT]	[NR]	[NR]
b-BHC	mg/kg	[NT]	[NT]	[NR]	[NR]
g-BHC	mg/kg	[NT]	[NT]	[NR]	[NR]
d-BHC	mg/kg	[NT]	[NT]	[NR]	[NR]
Heptachlor	mg/kg	[NT]	[NT]	[NR]	[NR]
Aldrin	mg/kg	[NT]	[NT]	78908-46	117%
Heptachlor Epoxide	mg/kg	[NT]	[NT]	[NR]	[NR]
g-Chlordane	mg/kg	[NT]	[NT]	[NR]	[NR]
a-Chlordane	mg/kg	[NT]	[NT]	[NR]	[NR]
Endosulfan I	mg/kg	[NT]	[NT]	[NR]	[NR]
p,p'-DDE	mg/kg	[NT]	[NT]	[NR]	[NR]
Dieldrin	mg/kg	[NT]	[NT]	78908-46	117%
Endrin	mg/kg	[NT]	[NT]	[NR]	[NR]
p,p'-DDD	mg/kg	[NT]	[NT]	[NR]	[NR]
Endosulfan II	mg/kg	[NT]	[NT]	[NR]	[NR]
p,p'-DDT	mg/kg	[NT]	[NT]	[NR]	[NR]
Endosulfan Sulphate	mg/kg	[NT]	[NT]	[NR]	[NR]
Methoxychlor	mg/kg	[NT]	[NT]	[NR]	[NR]
Surrogate 2-fluorophenol	%	[NT]	[NT]	78908-46	74%
Surrogate Phenol-d6	%	[NT]	[NT]	78908-46	71%
Surrogate Nitrobenzene-d5	%	[NT]	[NT]	78908-46	89%
Surrogate 2-fluorobiphenyl	%	[NT]	[NT]	78908-46	132%
Surrogate 2,4,6-Tribromophenol	%	[NT]	[NT]	78908-46	67%
Surrogate p-Terphenyl-d14	%	[NT]	[NT]	78908-46	84%

QUALITY CONTROL Acid Extractable metals in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date digested	-	[NT]	[NT]	78908-46	18/09/2012
Date analysed	-	[NT]	[NT]	78908-46	18/09/2012
Arsenic	mg/kg	[NT]	[NT]	78908-46	84%
Cadmium	mg/kg	[NT]	[NT]	78908-46	89%
Chromium	mg/kg	[NT]	[NT]	78908-46	90%
Copper	mg/kg	[NT]	[NT]	78908-46	97%
Lead	mg/kg	[NT]	[NT]	78908-46	86%
Mercury	mg/kg	[NT]	[NT]	78908-46	111%
Nickel	mg/kg	[NT]	[NT]	78908-46	83%
Zinc	mg/kg	[NT]	[NT]	78908-46	85%
Manganese	mg/kg	[NT]	[NT]	78908-46	#

Report Comments:

Acid Extractable Metals in Soil:#

Percent recovery is not possible to report due to the high concentration of the element/s in the sample/s.
However an acceptable recovery was obtained for the LCS.

OCP in Soil: PQL has been raised due to the light weight of the sample/s, which results in a high dilution factor.

OCs in Soil:

PQL has been raised due to the light weight of the sample/s, which results in a high dilution factor.

Total Recoverable Hydrocarbons in soil (semivol):

PQL has been raised due to the light weight of the sample/s, which results in a high dilution factor.

sVOC's in Soil:

Sample #58 PQL has been raised due to the light weight of the sample/s, which results in a high dilution factor.

Asbestos in Soil:

This report is consistent with the analytical procedures and reporting recommendations in the Western Australian Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia - May 2009.

Sample 78908-21; Sample is below the minimum 500mL sample volume as per Western Australia's DOH guidelines.

Sample 78908-37; Chrysotile, amosite and crocidolite asbestos identified embedded in several fragments of fibre cement (total weight 16.7706g). It is estimated that the fibre cement contains up to 15% asbestos fibres by weight. This calculates to 2.5156g of asbestos fibres, which in 447.40g of soil is 5.62g/kg (i.e. > reporting limit for the method of 0.1g/kg).

Asbestos ID was analysed by Approved Identifier:

Kim Femia, Paul Ching

Asbestos ID was authorised by Approved Signatory:

Kim Femia

INS: Insufficient sample for this test

PQL: Practical Quantitation Limit

NT: Not tested

NA: Test not required

RPD: Relative Percent Difference

NA: Test not required

<: Less than

>: Greater than

LCS: Laboratory Control Sample

Quality Control Definitions

Blank: This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.

Duplicate: This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.

Matrix Spike : A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.

LCS (Laboratory Control Sample) : This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.

Surrogate Spike: Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.

Matrix Spikes and LCS: Generally 70-130% for inorganics/metals; 60-140% for organics and 10-140% for SVOC and speciated phenols is acceptable.



Envirolab Services Pty Ltd
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
enquiries@envirolabservices.com.au
www.envirolabservices.com.au

SAMPLE RECEIPT ADVICE

Client:

CDM Smith (Sydney) Pty Ltd
Level 11, 90 Arthur St
North Sydney NSW 2060

ph: 9238 6114
Fax:

Attention: Ryan Stewart

Sample log in details:

Your reference:	S1288.01, ECBH
Envirolab Reference:	78908
Date received:	14/09/12
Date results expected to be reported:	27/09/12

Samples received in appropriate condition for analysis:	YES
No. of samples provided	1 materials, 2 waters, 63 soils
Turnaround time requested:	Standard
Temperature on receipt	Cool
Cooling Method:	Ice
Sampling Date Provided:	YES

Comments:

Samples will be held for 1 month for water samples and 2 months for soil samples from date of receipt of samples.

Contact details:

Please direct any queries to Aileen Hie or Jacinta Hurst
ph: 02 9910 6200 fax: 02 9910 6201
email: ahie@envirolabservices.com.au or jhurst@envirolabservices.com.au

Project No: S12388.01				Lab: Envirolab								ANALYSIS REQUIRED								HOLD
Project/Site: ECBH				Lab Quote No:								TPH/BTEX	Metals (8) + Manganese	SVOCs	OCFs	PCBs	VOCs	Asbestos (soil/dust OR fragment)		
Sampled By: Ryan Stewart				Lab Batch No:																
Phone:				Date Results Required: Standard TAT																
Page 1 of 4				Sample Disposal After:																
Number of Eskies: 4				CONTAINER TYPE & PRESERVATIVE																
LAB ID	SAMPLE ID	DATE	MATRIX	Soil		Water														
				0.1-0.2 L Glass jar, unpreserved	- Plastic bag	0.1-0.2 L Plastic, Filtered, HNO3	0.5-1.0 L Amber glass, unpreserved	40-50ml Glass, unpreserved	0.25-1 L Plastic, unpreserved	0.2-1.0L Plastic, sterile										
1	TP35X_0.0-0.05	12/09/2012	Soil	1	1							1	1	1	1	1	1			
2	TP35X_0.1-0.15	12/09/2012	Soil	1	1							1	1	1	1					
3	TP35X_0.45-0.055	12/09/2012	Soil	1	1															
4	TP35X_0.95-1.05	12/09/2012	Soil	1	1															
5	TP39X_0.0-0.05	12/09/2012	Soil	1	1							1	1	1	1	1	1			
6	TP39X_0.1-0.15	12/09/2012	Soil	1	1															
7	TP39X_0.45-0.055	12/09/2012	Soil	1	1							1	1	1	1					
8	TP39X_0.95-1.05	12/09/2012	Soil	1	1							1	1	1	1	1	1			
9	TP41X_0.0-0.05	12/09/2012	Soil	1	1							1	1	1	1	1	1			
10	TP41X_0.1-0.15	12/09/2012	Soil	1	1							1	1	1	1					
11	TP41X_0.45-0.055	12/09/2012	Soil	1	1															
12	TP41X_0.95-1.05	12/09/2012	Soil	1	1															
13	TP40X_0.0-0.05	12/09/2012	Soil	1	1							1	1	1	1		1			
14	TP40X_0.1-0.15	12/09/2012	Soil	1	1							1	1	1	1	1	1			
15	TP40X_0.45-0.055	12/09/2012	Soil	1	1															
16	TP40X_0.95-1.05	12/09/2012	Soil	1	1															
17	TP44X_0.0-0.05	12/09/2012	Soil	1	1							1	1	1	1	1	1			
18	TP44X_0.1-0.15	12/09/2012	Soil	1	1															
19	TP44X_0.45-0.055	12/09/2012	Soil	1	1							1	1	1	1					
20	TP44X_0.95-1.05	12/09/2012	Soil	1	1															
TOTALS				20	20							10	10	10	10	5	5	5		

Relinquished By:

NAME Brett Sutton
SIGNATURE
DATE 14/9/2012

Received By:

NAME
SIGNATURE
DATE 14.9.12

Custody Seals Intact
Samples Received Chilled
Method of Shipment

Y
N
Y
N

CDM Smith Australia Pty Ltd ABN 88 152 082 936
21 McLachlan Street, Fortitude Valley, Qld 4006
6 Elliott St, North Sydney 2060

web www.cdmsmith.com
email
email suttonb@cdmsmith.com



Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200

Job No: 78908

Date Received: 14.09.12
Time Received: 16.40.
Received by: Jia LK
Temp: Cool/Ambient
Cooling: Ice/Repack
Security: Intact/Broken/None

Project No: S12388.01				Lab: Envirolab				ANALYSIS REQUIRED										HOLD			
Project/Site: ECBH				Lab Quote No:				TPH/BTEX	Metals (8) + Manganese	SVOCs	OCs	PCBs	VOCs	Asbestos (soil/dust OR fragment)							
Sampled By: Ryan Stewart				Lab Batch No:																	
Phone:				Date Results Required: Standard TAT																	
Page 2 of 4				Sample Disposal After:																	
Number of Eskies: 4				CONTAINER TYPE & PRESERVATIVE																	
LAB ID	SAMPLE ID	DATE	MATRIX	Soil		Water															
				0.1-0.2 L	-	0.1-0.2 L	0.5-1.0 L	40-50ml	0.25-1 L	0.2-1.0 L											
				Glass jar, unpreserved	Plastic bag	Plastic, filtered, HNO3	Amber glass, unpreserved	Glass, unpreserved	Plastic, unpreserved	Plastic, sterile											
21	TP42X_SP	12/09/2012	Soil	1	1																
22	TP42X_0.0-0.05	12/09/2012	Soil	1	1																
23	TP42X_0.1-0.15	12/09/2012	Soil	1	1																
24	TP42X_0.45-0.055	12/09/2012	Soil	1	1																
25	TP42X_0.95-1.05	12/09/2012	Soil	1	1																
26	TP48X_0.0-0.05	12/09/2012	Soil	1	1																
27	TP48X_0.1-0.15	12/09/2012	Soil	1	1																
28	TP48X_0.45-0.055	12/09/2012	Soil	1	1																
29	TP48X_0.95-1.05	12/09/2012	Soil	1	1																
30	DSP_0.0-0.05	13/09/2012	Soil	1	1																
31	TP34X_0.0-0.05	13/09/2012	Soil	1	1																
32	TP34X_0.1-0.15	13/09/2012	Soil	1	1																
33	TP34X_0.45-0.055	13/09/2012	Soil	1	1																
34	TP34X_0.95-1.05	13/09/2012	Soil	1	1																
35	TP47X_0.0-0.05	13/09/2012	Soil	1	1																
36	TP47X_0.1-0.15	13/09/2012	Soil	1	1																
37	TP47X_0.30-0.40	13/09/2012	Soil	1	1																
38	TP47X_0.45-0.055	13/09/2012	Soil	1	1																
39	TP47X_0.95-1.05	13/09/2012	Soil	1	1																
40	TP47X_0.30-0.40F	13/09/2012	Fragment		1																
TOTALS				19	20																
Relinquished By:				Received By:				Custody Seals Intact Y N													
NAME Brett Sutton				NAME J. L. L. L.				Samples Received Chilled Y N													
SIGNATURE [Signature]				SIGNATURE [Signature]				Method of Shipment													
DATE 14/9/2012				DATE 14/9/12																	

NOTES:

CDM Smith Australia Pty Ltd ABN 88 152 082 936
21 McLachlan Street, Fortitude Valley, Qld 4006
6 Elliott St, North Sydney 2060

web www.cdmsmith.com
email suttonb@cdmsmith.com

* TP47X_0.45-0.55 => TP47X_0.55-0.65.

Project No: S12388.01				Lab: Envirolab				ANALYSIS REQUIRED										HOLD		
Project/Site: ECBH				Lab Quote No:				TPH/BTEX	Metals (6) + Manganese	SVOCs	OCs	PCBs	VOCs	Asbestos (soil/dust OR fragment)						
Sampled By: Ryan Stewart				Lab Batch No:																
Phone:				Date Results Required: Standard TAT																
Page 3 of 4				Sample Disposal After:																
Number of Eskies: 4				CONTAINER TYPE & PRESERVATIVE																
LAB ID	SAMPLE ID	DATE	MATRIX	Soil		Water							TPH/BTEX	Metals (6) + Manganese	SVOCs	OCs	PCBs	VOCs	Asbestos (soil/dust OR fragment)	HOLD
				0.1-0.2 L	-	0.1-0.2 L	0.5-1.0 L	40-50ml	0.25-1 L	0.2-1.0L										
				Glass jar, unpreserved	Plastic bag	Plastic, Filtered, HNO3	Amber glass, unpreserved	Glass, unpreserved	Plastic, unpreserved	Plastic, sterile										
41	TP49X_0.0-0.05	13/09/2012	Soil	1	1								1	1	1	1	1	1		
42	TP49X_0.1-0.15	13/09/2012	Soil	1	1								1	1	1	1	1	1		
43	TP49X_0.45-0.055	13/09/2012	Soil	1	1														1	
44	TP49X_0.95-1.05	13/09/2012	Soil	1	1														1	
45	TP50X_0.0-0.05	13/09/2012	Soil	1	1								1	1	1	1	1	1		
46	TP50X_0.1-0.15	13/09/2012	Soil	1	1								1	1	1	1			1	
47	TP50X_0.45-0.055	13/09/2012	Soil	1	1														1	
48	TP50X_0.95-1.05	13/09/2012	Soil	1	1														1	
49	TP01L_0.0-0.05	13/09/2012	Soil	1	1								1	1	1	1	1	1		
50	TP01L_0.1-0.15	13/09/2012	Soil	1	1														1	
51	TP01L_0.45-0.055	13/09/2012	Soil	1	1								1	1	1	1			1	
52	TP01L_0.95-1.05	13/09/2012	Soil	1	1														1	
53	TP04L_0.0-0.05	13/09/2012	Soil	1	1								1	1	1	1	1	1		
54	TP04L_0.1-0.15	13/09/2012	Soil	1	1								1	1	1	1			1	
55	TP04L_0.45-0.055	13/09/2012	Soil	1	1														1	
56	TP04L_0.55-0.65	13/09/2012	Soil	1	1														1	
57	TP04L_0.95-1.05	13/09/2012	Soil	1	1								1	1	1	1			1	
58	TP05L_SP	13/09/2012	Soil	1	1								1	1	1	1	1	1		
59	TP05L_0.0-0.05	13/09/2012	Soil	1	1								1	1	1	1	1	1	1	
60	TP05L_0.1-0.15	13/09/2012	Soil	1	1														1	
TOTALS				20	20								10	10	10	10	5	5	5	10
Relinquished By:				Received By:				Custody Seals Intact Y N												
NAME Brett Sutton				NAME J. L. L. L.				Samples Received Chilled Y N												
SIGNATURE [Signature]				SIGNATURE [Signature]				Method of Shipment												
DATE 14/9/2012				DATE 14/09/12																

NOTES:

CDM Smith Australia Pty Ltd ABN 88 152 082 936
21 McLachlan Street, Fortitude Valley, Qld 4006
6 Elliott St, North Sydney 2060

web: www.cdmsmith.com
email: suttonb@cdmsmith.com

* TP04L_0.45-0.55 → TP04L_0.4-0.5.

CERTIFICATE OF ANALYSIS

78908-A

Client:

CDM Smith (Sydney) Pty Ltd
Level 11, 90 Arthur St
North Sydney
NSW 2060

Attention: Ryan Stewart

Sample log in details:

Your Reference:	S1288.01, ECBH
No. of samples:	Additional Testing on 3 Soils
Date samples received / completed instructions received	14/09/12 / 19/09/12

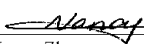
Analysis Details:

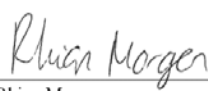
Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.
Please refer to the last page of this report for any comments relating to the results.

Report Details:

Date results requested by: / Issue Date: 26/09/12 / 26/09/12
Date of Preliminary Report: Not issued
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Results Approved By:


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VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-A-67 ECBH-CAR 0.0-0.05 12/09/2012 Soil	78908-A-73 TP2L1 0-0.05 12/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012
Date analysed	-	23/09/2012	23/09/2012
Dichlorodifluoromethane	mg/kg	<1	<1
Chloromethane	mg/kg	<1	<1
Vinyl Chloride	mg/kg	<1	<1
Bromomethane	mg/kg	<1	<1
Chloroethane	mg/kg	<1	<1
Trichlorofluoromethane	mg/kg	<1	<1
1,1-Dichloroethene	mg/kg	<1	<1
trans-1,2-dichloroethene	mg/kg	<1	<1
1,1-dichloroethane	mg/kg	<1	<1
cis-1,2-dichloroethene	mg/kg	<1	<1
bromochloromethane	mg/kg	<1	<1
chloroform	mg/kg	<1	<1
2,2-dichloropropane	mg/kg	<1	<1
1,2-dichloroethane	mg/kg	<1	<1
1,1,1-trichloroethane	mg/kg	<1	<1
1,1-dichloropropene	mg/kg	<1	<1
Cyclohexane	mg/kg	<1	<1
carbon tetrachloride	mg/kg	<1	<1
Benzene	mg/kg	<0.2	<0.2
dibromomethane	mg/kg	<1	<1
1,2-dichloropropane	mg/kg	<1	<1
trichloroethene	mg/kg	<1	<1
bromodichloromethane	mg/kg	<1	<1
trans-1,3-dichloropropene	mg/kg	<1	<1
cis-1,3-dichloropropene	mg/kg	<1	<1
1,1,2-trichloroethane	mg/kg	<1	<1
Toluene	mg/kg	<0.5	<0.5
1,3-dichloropropane	mg/kg	<1	<1
dibromochloromethane	mg/kg	<1	<1
1,2-dibromoethane	mg/kg	<1	<1
tetrachloroethene	mg/kg	<1	<1
1,1,1,2-tetrachloroethane	mg/kg	<1	<1
chlorobenzene	mg/kg	<1	<1
Ethylbenzene	mg/kg	<1	<1
bromoform	mg/kg	<1	<1
m+p-xylene	mg/kg	<2	<2
styrene	mg/kg	<1	<1
1,1,2,2-tetrachloroethane	mg/kg	<1	<1
o-Xylene	mg/kg	<1	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-A-67 ECBH-CAR 0.0-0.05 12/09/2012 Soil	78908-A-73 TP2L1 0-0.05 12/09/2012 Soil
1,2,3-trichloropropane	mg/kg	<1	<1
isopropylbenzene	mg/kg	<1	<1
bromobenzene	mg/kg	<1	<1
n-propyl benzene	mg/kg	<1	<1
2-chlorotoluene	mg/kg	<1	<1
4-chlorotoluene	mg/kg	<1	<1
1,3,5-trimethyl benzene	mg/kg	<1	<1
tert-butyl benzene	mg/kg	<1	<1
1,2,4-trimethyl benzene	mg/kg	<1	<1
1,3-dichlorobenzene	mg/kg	<1	<1
sec-butyl benzene	mg/kg	<1	<1
1,4-dichlorobenzene	mg/kg	<1	<1
4-isopropyl toluene	mg/kg	<1	<1
1,2-dichlorobenzene	mg/kg	<1	<1
n-butyl benzene	mg/kg	<1	<1
1,2-dibromo-3-chloropropane	mg/kg	<1	<1
1,2,4-trichlorobenzene	mg/kg	<1	<1
hexachlorobutadiene	mg/kg	<1	<1
1,2,3-trichlorobenzene	mg/kg	<1	<1
Surrogate Dibromofluorometha	%	101	101
Surrogate aaa-Trifluorotoluene	%	103	114
Surrogate Toluene-d8	%	103	102
Surrogate 4-Bromofluorobenzene	%	89	89

vTRH & BTEX in Soil				
Our Reference:	UNITS	78908-A-67	78908-A-73	78908-A-74
Your Reference	-----	ECBH-CAR	TP2L1	TP2L1
Depth	-----	0.0-0.05	0-0.05	0.1-0.15
Date Sampled		12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil
Date extracted	-	21/9/2012	21/9/2012	21/9/2012
Date analysed	-	23/9/2012	23/9/2012	23/9/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	103	114	93

sTRH in Soil (C10-C36)				
Our Reference:	UNITS	78908-A-67	78908-A-73	78908-A-74
Your Reference	-----	ECBH-CAR	TP2L1	TP2L1
Depth	-----	0.0-0.05	0-0.05	0.1-0.15
Date Sampled		12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil
Date extracted	-	21/9/2012	21/9/2012	21/9/2012
Date analysed	-	22/9/2012	22/9/2012	22/9/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100
Surrogate o-Terphenyl	%	90	94	92

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-A-67 ECBH-CAR 0.0-0.05 12/09/2012 Soil	78908-A-73 TP2L1 0-0.05 12/09/2012 Soil	78908-A-74 TP2L1 0.1-0.15 12/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	23/09/2012	23/09/2012	23/09/2012
Phenol	mg/kg	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-A-67 ECBH-CAR 0.0-0.05 12/09/2012 Soil	78908-A-73 TP2L1 0-0.05 12/09/2012 Soil	78908-A-74 TP2L1 0.1-0.15 12/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1
carbazole	mg/kg	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1
aniline	mg/kg	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1
safrole	mg/kg	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	78908-A-67 ECBH-CAR 0.0-0.05 12/09/2012 Soil	78908-A-73 TP2L1 0-0.05 12/09/2012 Soil	78908-A-74 TP2L1 0.1-0.15 12/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1
Endrin	mg/kg	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1
Surrogate 2-fluorophenol	%	82	90	95
Surrogate Phenol-d6	%	74	70	88
Surrogate Nitrobenzene-d5	%	91	97	103
Surrogate 2-fluorobiphenyl	%	83	84	89
Surrogate 2,4,6-Tribromophenol	%	65	67	70
Surrogate p-Terphenyl-d14	%	101	106	106

Organochlorine Pesticides in soil				
Our Reference:	UNITS	78908-A-67	78908-A-73	78908-A-74
Your Reference	-----	ECBH-CAR	TP2L1	TP2L1
Depth	-----	0.0-0.05	0-0.05	0.1-0.15
Date Sampled		12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	24/09/2012	24/09/2012	24/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1
Surrogate TCMX	%	99	103	100

PCBs in Soil			
Our Reference:	UNITS	78908-A-67	78908-A-73
Your Reference	-----	ECBH-CAR	TP2L1
Depth	-----	0.0-0.05	0-0.05
Date Sampled		12/09/2012	12/09/2012
Type of sample		Soil	Soil
Date extracted	-	21/09/2012	21/09/2012
Date analysed	-	24/09/2012	24/09/2012
Arochlor 1016	mg/kg	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1
Surrogate TCLMX	%	99	103

Acid Extractable metals in soil				
Our Reference:	UNITS	78908-A-67	78908-A-73	78908-A-74
Your Reference	-----	ECBH-CAR	TP2L1	TP2L1
Depth	-----	0.0-0.05	0-0.05	0.1-0.15
Date Sampled		12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil
Date digested	-	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	21/09/2012	21/09/2012	21/09/2012
Arsenic	mg/kg	7	<4	<4
Cadmium	mg/kg	<0.5	<0.5	<0.5
Chromium	mg/kg	16	9	8
Copper	mg/kg	18	5	4
Lead	mg/kg	32	14	7
Mercury	mg/kg	<0.1	<0.1	<0.1
Nickel	mg/kg	11	3	2
Zinc	mg/kg	53	11	5
Manganese	mg/kg	860	54	24

Moisture				
Our Reference:	UNITS	78908-A-67	78908-A-73	78908-A-74
Your Reference	-----	ECBH-CAR	TP2L1	TP2L1
Depth	-----	0.0-0.05	0-0.05	0.1-0.15
Date Sampled		12/09/2012	12/09/2012	12/09/2012
Type of sample		Soil	Soil	Soil
Date prepared	-	21/09/12	21/09/12	21/09/12
Date analysed	-	24/09/12	24/09/12	24/09/12
Moisture	%	22	6.4	6.1

Asbestos ID - soils			
Our Reference:	UNITS	78908-A-67	78908-A-73
Your Reference	-----	ECBH-CAR	TP2L1
Depth	-----	0.0-0.05	0-0.05
Date Sampled		12/09/2012	12/09/2012
Type of sample		Soil	Soil
Date analysed	-	24/09/2012	24/09/2012
Sample mass tested	g	Approx 40g	Approx 40g
Sample Description	-	Brown fine-grained soil	Brown fine-grained soil
Asbestos ID in soil	-	No asbestos detected at reporting limit of 0.1g/kg	No asbestos detected at reporting limit of 0.1g/kg
Trace Analysis	-	No respirable fibres detected	No respirable fibres detected

Method ID	Methodology Summary
Org-014	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
Org-016	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS.
Org-003	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID.
Org-012	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS.
Org-005	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
Org-006	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD.
Metals-020 ICP-AES	Determination of various metals by ICP-AES.
Metals-021 CV-AAS	Determination of Mercury by Cold Vapour AAS.
Inorg-008	Moisture content determined by heating at 105 deg C for a minimum of 4 hours.
ASB-001	Asbestos ID - Qualitative identification of asbestos in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques including Synthetic Mineral Fibre and Organic Fibre as per Australian Standard 4964-2004.

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
VOCs in soil						Base II Duplicate II %RPD		
Date extracted	-			21/09/2012	[NT]	[NT]	LCS-3	21/09/2012
Date analysed	-			23/09/2012	[NT]	[NT]	LCS-3	23/09/2012
Dichlorodifluoromethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Chloromethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Vinyl Chloride	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Bromomethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Chloroethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Trichlorofluoromethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,1-Dichloroethene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
trans-1,2-dichloroethene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,1-dichloroethane	mg/kg	1	Org-014	<1	[NT]	[NT]	LCS-3	93%
cis-1,2-dichloroethene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
bromochloromethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
chloroform	mg/kg	1	Org-014	<1	[NT]	[NT]	LCS-3	91%
2,2-dichloropropane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,2-dichloroethane	mg/kg	1	Org-014	<1	[NT]	[NT]	LCS-3	93%
1,1,1-trichloroethane	mg/kg	1	Org-014	<1	[NT]	[NT]	LCS-3	92%
1,1-dichloropropene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Cyclohexane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
carbon tetrachloride	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Benzene	mg/kg	0.2	Org-014	<0.2	[NT]	[NT]	[NR]	[NR]
dibromomethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,2-dichloropropane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
trichloroethene	mg/kg	1	Org-014	<1	[NT]	[NT]	LCS-3	83%
bromodichloromethane	mg/kg	1	Org-014	<1	[NT]	[NT]	LCS-3	89%
trans-1,3-dichloropropene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
cis-1,3-dichloropropene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,1,2-trichloroethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Toluene	mg/kg	0.5	Org-014	<0.5	[NT]	[NT]	[NR]	[NR]
1,3-dichloropropane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
dibromochloromethane	mg/kg	1	Org-014	<1	[NT]	[NT]	LCS-3	88%
1,2-dibromoethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
tetrachloroethene	mg/kg	1	Org-014	<1	[NT]	[NT]	LCS-3	94%
1,1,1,2-tetrachloroethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
chlorobenzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Ethylbenzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
bromoform	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
m+p-xylene	mg/kg	2	Org-014	<2	[NT]	[NT]	[NR]	[NR]
styrene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,1,2,2-tetrachloroethane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
o-Xylene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,2,3-trichloropropane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
VOCs in soil						Base II Duplicate II %RPD		
isopropylbenzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
bromobenzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
n-propyl benzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
2-chlorotoluene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
4-chlorotoluene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,3,5-trimethyl benzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
tert-butyl benzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,2,4-trimethyl benzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,3-dichlorobenzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
sec-butyl benzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,4-dichlorobenzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
4-isopropyl toluene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,2-dichlorobenzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
n-butyl benzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,2-dibromo-3-chloropropane	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,2,4-trichlorobenzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
hexachlorobutadiene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
1,2,3-trichlorobenzene	mg/kg	1	Org-014	<1	[NT]	[NT]	[NR]	[NR]
Surrogate Dibromofluorometha	%		Org-014	102	[NT]	[NT]	LCS-3	102%
Surrogate aaa-Trifluorotoluene	%		Org-014	110	[NT]	[NT]	LCS-3	109%
Surrogate Toluene-d8	%		Org-014	101	[NT]	[NT]	LCS-3	106%
Surrogate 4-Bromofluorobenzene	%		Org-014	90	[NT]	[NT]	LCS-3	90%

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
vTRH & BTEX in Soil						Base II Duplicate II %RPD		
Date extracted	-			21/9/2012	[NT]	[NT]	LCS-3	21/9/2012
Date analysed	-			23/9/2012	[NT]	[NT]	LCS-3	23/9/2012
vTRHC ₆ - C ₉	mg/kg	25	Org-016	<25	[NT]	[NT]	LCS-3	102%
Benzene	mg/kg	0.2	Org-016	<0.2	[NT]	[NT]	LCS-3	94%
Toluene	mg/kg	0.5	Org-016	<0.5	[NT]	[NT]	LCS-3	89%
Ethylbenzene	mg/kg	1	Org-016	<1	[NT]	[NT]	LCS-3	108%
m+p-xylene	mg/kg	2	Org-016	<2	[NT]	[NT]	LCS-3	109%
o-Xylene	mg/kg	1	Org-016	<1	[NT]	[NT]	LCS-3	100%
Surrogate aaa-Trifluorotoluene	%		Org-016	110	[NT]	[NT]	LCS-3	87%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
sTRH in Soil (C10-C36)						Base II Duplicate II %RPD		
Date extracted	-			21/9/2012	[NT]	[NT]	LCS-5	21/9/2012
Date analysed	-			22/9/2012	[NT]	[NT]	LCS-5	22/9/2012
TRHC ₁₀ - C ₁₄	mg/kg	50	Org-003	<50	[NT]	[NT]	LCS-5	91%
TRHC ₁₅ - C ₂₈	mg/kg	100	Org-003	<100	[NT]	[NT]	LCS-5	102%
TRHC ₂₉ - C ₃₆	mg/kg	100	Org-003	<100	[NT]	[NT]	LCS-5	89%
Surrogate o-Terphenyl	%		Org-003	88	[NT]	[NT]	LCS-5	98%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base II Duplicate II %RPD		
Date extracted	-			21/09/2012	[NT]	[NT]	LCS-4	21/09/2012
Date analysed	-			23/09/2012	[NT]	[NT]	LCS-4	23/09/2012
Phenol	mg/kg	1	Org-012	<1	[NT]	[NT]	LCS-4	110%
Bis-(2-chloroethyl) ether	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2-Chlorophenol	mg/kg	1	Org-012	<1	[NT]	[NT]	LCS-4	111%
1,3-Dichlorobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
1,4-Dichlorobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2-Methylphenol	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
1,2-Dichlorobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	LCS-4	113%
Bis (2-chloroisopropyl) ether	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
3/4-Methylphenol	mg/kg	2	Org-012	<2	[NT]	[NT]	[NR]	[NR]
N-nitrosodi-n-propylamine	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Hexachloroethane	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Nitrobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Isophorone	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2,4-Dimethylphenol	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2-Nitrophenol	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Bis(2-chloroethoxy) methane	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base II Duplicate II %RPD		
2,4-Dichlorophenol	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
1,2,4-Trichlorobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Naphthalene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
4-Chloroaniline	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Hexachlorobutadiene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2-Methylnaphthalene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Hexachlorocyclopentadiene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2,4,6-trichlorophenol	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2,4,5-trichlorophenol	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2-Chloronaphthalene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2-nitroaniline	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Dimethylphthalate	mg/kg	1	Org-012	<1	[NT]	[NT]	LCS-4	92%
2,6-Dinitrotoluene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Acenaphthylene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
3-Nitroaniline	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Acenaphthene	mg/kg	1	Org-012	<1	[NT]	[NT]	LCS-4	103%
2,4-dinitrophenol	mg/kg	10	Org-012	<10	[NT]	[NT]	[NR]	[NR]
4-nitrophenol	mg/kg	10	Org-012	<10	[NT]	[NT]	LCS-4	79%
Dibenzofuran	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
diethylphthalate	mg/kg	1	Org-012	<1	[NT]	[NT]	LCS-4	96%
4-chlorophenylphenylether	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
4-nitroaniline	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Fluorene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2-methyl-4,6-dinitrophenol	mg/kg	10	Org-012	<10	[NT]	[NT]	[NR]	[NR]
azobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
4-bromophenylphenylether	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
hexachlorobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
pentachlorophenol	mg/kg	10	Org-012	<10	[NT]	[NT]	[NR]	[NR]
Phenanthrene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Anthracene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
carbazole	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
di-n-butylphthalate	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Fluoranthene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Pyrene	mg/kg	1	Org-012	<1	[NT]	[NT]	LCS-4	91%
butylbenzylphthalate	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
bis(2-ethylhexyl)phthalate	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Benzo(a)anthracene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Chrysene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
di-n-octylphthalate	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Benzo(b)fluoranthene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Benzo(k)fluoranthene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Benzo(a)pyrene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base II Duplicate II %RPD		
Indeno(1,2,3-c,d)pyrene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
ethylmethanesulfonate	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
aniline	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
pentachloroethane	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
benzyl alcohol	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
acetophenone	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
N-nitrosomorpholine	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
N-nitrosopiperidine	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2,6-dichlorophenol	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
hexachloropropene-1	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
N-nitroso-n-butylamine	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
safrole	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
1,2,4,5-tetrachlorobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
cis and trans iso-safrole	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
1,3-dinitrobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
pentachlorobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
1-naphthylamine	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2,3,4,6-tetrachlorophenol	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2-naphthylamine	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
5-nitro-o-toluidine	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
diphenylamine	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
phenacetin	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
pentachloronitrobenzene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
dinoseb	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
methapyrilene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
p-dimethylaminoazobenzen e	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
2-acetylaminofluorene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
7,12-dimethylbenz(a) anthracene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
3-methylcholanthrene	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
a-BHC	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
b-BHC	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
g-BHC	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
d-BHC	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Heptachlor	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Aldrin	mg/kg	1	Org-012	<1	[NT]	[NT]	LCS-4	75%
Heptachlor Epoxide	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
g-Chlordane	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
a-Chlordane	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Endosulfan I	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
p,p'-DDE	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
SVOCs in Soil						Base II Duplicate II %RPD		
Dieldrin	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Endrin	mg/kg	1	Org-012	<1	[NT]	[NT]	LCS-4	63%
p,p'-DDD	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Endosulfan II	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
p,p'-DDT	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Endosulfan Sulphate	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Methoxychlor	mg/kg	1	Org-012	<1	[NT]	[NT]	[NR]	[NR]
Surrogate 2-fluorophenol	%		Org-012	94	[NT]	[NT]	LCS-4	97%
Surrogate Phenol-d6	%		Org-012	104	[NT]	[NT]	LCS-4	111%
Surrogate Nitrobenzene-d5	%		Org-012	93	[NT]	[NT]	LCS-4	95%
Surrogate 2-fluorobiphenyl	%		Org-012	82	[NT]	[NT]	LCS-4	88%
Surrogate 2,4,6-Tribromophenol	%		Org-012	61	[NT]	[NT]	LCS-4	73%
Surrogate p-Terphenyl-d14	%		Org-012	85	[NT]	[NT]	LCS-4	85%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Organochlorine Pesticides in soil						Base II Duplicate II %RPD		
Date extracted	-			21/09/2012	[NT]	[NT]	LCS-5	21/09/2012
Date analysed	-			24/09/2012	[NT]	[NT]	LCS-5	24/09/2012
HCB	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
alpha-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-5	89%
gamma-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
beta-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-5	94%
Heptachlor	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-5	91%
delta-BHC	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
Aldrin	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-5	99%
Heptachlor Epoxide	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-5	100%
gamma-Chlordane	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
alpha-chlordane	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
Endosulfan I	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
pp-DDE	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-5	92%
Dieldrin	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-5	101%
Endrin	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-5	97%
pp-DDD	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-5	94%
Endosulfan II	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
pp-DDT	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
Endrin Aldehyde	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
Endosulfan Sulphate	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	LCS-5	96%
Methoxychlor	mg/kg	0.1	Org-005	<0.1	[NT]	[NT]	[NR]	[NR]
Surrogate TCMX	%		Org-005	96	[NT]	[NT]	LCS-5	97%

Client Reference: S1288.01, ECBH

QUALITYCONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
PCBs in Soil						Base II Duplicate II %RPD		
Date extracted	-			21/09/2012	[NT]	[NT]	LCS-4	21/09/2012
Date analysed	-			24/09/2012	[NT]	[NT]	LCS-4	24/09/2012
Arochlor 1016	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Arochlor 1221	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Arochlor 1232	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Arochlor 1242	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Arochlor 1248	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Arochlor 1254	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	LCS-4	101%
Arochlor 1260	mg/kg	0.1	Org-006	<0.1	[NT]	[NT]	[NR]	[NR]
Surrogate TCLMX	%		Org-006	96	[NT]	[NT]	LCS-4	80%
QUALITYCONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Acid Extractable metals in soil						Base II Duplicate II %RPD		
Date digested	-			21/09/2012	[NT]	[NT]	LCS-1	21/09/2012
Date analysed	-			21/09/2012	[NT]	[NT]	LCS-1	21/09/2012
Arsenic	mg/kg	4	Metals-020 ICP-AES	<4	[NT]	[NT]	LCS-1	89%
Cadmium	mg/kg	0.5	Metals-020 ICP-AES	<0.5	[NT]	[NT]	LCS-1	93%
Chromium	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-1	93%
Copper	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-1	90%
Lead	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-1	91%
Mercury	mg/kg	0.1	Metals-021 CV-AAS	<0.1	[NT]	[NT]	LCS-1	113%
Nickel	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-1	93%
Zinc	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-1	94%
Manganese	mg/kg	1	Metals-020 ICP-AES	<1	[NT]	[NT]	LCS-1	94%

QUALITY CONTROL Moisture	UNITS	PQL	METHOD	Blank
Date prepared	-			[NT]
Date analysed	-			[NT]
Moisture	%	0.1	Inorg-008	[NT]
QUALITY CONTROL Asbestos ID - soils	UNITS	PQL	METHOD	Blank
Date analysed	-			[NT]

Report Comments:

Asbestos: A portion of the supplied sample was sub-sampled for asbestos analysis according to Envirolab procedures. We cannot guarantee that this sub-sample is indicative of the entire sample. Envirolab recommends supplying 40-50g of sample in its own container.

Asbestos ID was analysed by Approved Identifier: Paul Ching

Asbestos ID was authorised by Approved Signatory: Paul Ching

INS: Insufficient sample for this test

NA: Test not required

<: Less than

PQL: Practical Quantitation Limit

RPD: Relative Percent Difference

>: Greater than

NT: Not tested

NA: Test not required

LCS: Laboratory Control Sample

Quality Control Definitions

Blank: This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.

Duplicate: This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.

Matrix Spike: A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.

LCS (Laboratory Control Sample): This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.

Surrogate Spike: Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.

Matrix Spikes and LCS: Generally 70-130% for inorganics/metals; 60-140% for organics and 10-140% for SVOC and speciated phenols is acceptable.

Geoff Weir

From: Sutton, Brett [SuttonB@cdmsmith.com]
Sent: Wednesday, 19 September 2012 11:53 AM
To: Geoff Weir
Subject: RE: S12388.01 - 78908

Thanks Geoff,

Can you please analyse the following samples for TPH/BTEX, Metals (8), Manganese, SVOCs, OCPs, PCBs, VOCs and asbestos:

TP2L1_0.0-0.05 — 73
ECBH_CAR_0.0-0.05 67

Can you please analyse the following samples for TPH/BTEX, Metals (8), Manganese, SVOCs and OCPs:

TP2L1_0.1-0.15 74.

Can you please place the following samples on hold:

TP2L1_0.45-0.55
TP2L1_0.95-1.05
QAQC09
QAQC09_0.0-0.05
QAQC10
QAQC10_0.0-0.05

78908 A.

Due. 26/9.

Can you double check the label on the bag sample noted as TP24X_0.95-1.05? Could this be TP34X or TP44X? There shouldn't be any samples labelled TP24X.

Thanks,

Brett Sutton
Senior Environmental Engineer | **CDM Smith** | cdmsmith.com
| m: +61 415 399 510

From: Geoff Weir [mailto:GWeir@envirolab.com.au]
Sent: Tuesday, 18 September 2012 2:59 PM
To: Sutton, Brett
Subject: RE: S12388.01 - 78908

Regards,

Geoff Weir | **Customer Service** | **Envirolab Services**
Great Chemistry.Great Service.

12 Ashley St Chatswood NSW 2067
T 02 9910 6200 F 02 9910 6299
gweir@envirolab.com.au | www.envirolab.com.au

From: Sutton, Brett [mailto:SuttonB@cdmsmith.com]
Sent: Tuesday, 18 September 2012 2:35 PM
To: Geoff Weir

CERTIFICATE OF ANALYSIS

79070

Client:

CDM Smith (Sydney) Pty Ltd
Level 11, 90 Arthur St
North Sydney
NSW 2060

Attention: Ryan Stewart / Brett Sutton

Sample log in details:

Your Reference:	S12388.01, ECBH
No. of samples:	141 Soils, 4 Materials
Date samples received / completed instructions received	19/09/12 / 19/09/12

Analysis Details:

Please refer to the following pages for results, methodology summary and quality control data.
Samples were analysed as received from the client. Results relate specifically to the samples as received.
Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

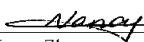
Please refer to the last page of this report for any comments relating to the results.

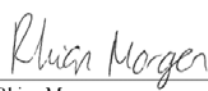
Report Details:

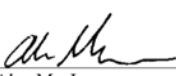
Date results requested by: / Issue Date:	26/09/12 / 27/09/12
Date of Preliminary Report:	Not Issued

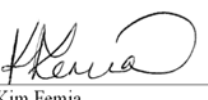
NATA accreditation number 2901. This document shall not be reproduced except in full.
Accredited for compliance with ISO/IEC 17025. **Tests not covered by NATA are denoted with *.**

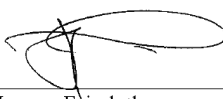
Results Approved By:


Nancy Zhang
Chemist


Rhian Morgan
Reporting Supervisor


Alex MacLean
Chemist


Kim Femia
Approved Signatory


Jeremy Faircloth
Chemist

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-1 BH20L2 0.0-0.05 17/09/2012 Soil	79070-2 BH20L2 0.1-0.15 17/09/2012 Soil	79070-22 BH17L2 0.0-0.05 17/09/2012 Soil	79070-24 BH17L2 0.5-0.6 17/09/2012 Soil	79070-40 BH3L1 0.0-0.05 17/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Dichlorodifluoromethane	mg/kg	<1	<1	<1	<1	<1
Chloromethane	mg/kg	<1	<1	<1	<1	<1
Vinyl Chloride	mg/kg	<1	<1	<1	<1	<1
Bromomethane	mg/kg	<1	<1	<1	<1	<1
Chloroethane	mg/kg	<1	<1	<1	<1	<1
Trichlorofluoromethane	mg/kg	<1	<1	<1	<1	<1
1,1-Dichloroethene	mg/kg	<1	<1	<1	<1	<1
trans-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
1,1-dichloroethane	mg/kg	<1	<1	<1	<1	<1
cis-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
bromochloromethane	mg/kg	<1	<1	<1	<1	<1
chloroform	mg/kg	<1	<1	<1	<1	<1
2,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1,1-trichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1-dichloropropene	mg/kg	<1	<1	<1	<1	<1
Cyclohexane	mg/kg	<1	<1	<1	<1	<1
carbon tetrachloride	mg/kg	<1	<1	<1	<1	<1
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
dibromomethane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
trichloroethene	mg/kg	<1	<1	<1	<1	<1
bromodichloromethane	mg/kg	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
1,1,2-trichloroethane	mg/kg	<1	<1	<1	<1	<1
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichloropropane	mg/kg	<1	<1	<1	<1	<1
dibromochloromethane	mg/kg	<1	<1	<1	<1	<1
1,2-dibromoethane	mg/kg	<1	<1	<1	<1	<1
tetrachloroethene	mg/kg	<1	<1	<1	<1	<1
1,1,1,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
chlorobenzene	mg/kg	<1	<1	<1	<1	<1
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
bromoform	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
styrene	mg/kg	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
o-Xylene	mg/kg	<1	<1	<1	<1	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-1 BH20L2 0.0-0.05 17/09/2012 Soil	79070-2 BH20L2 0.1-0.15 17/09/2012 Soil	79070-22 BH17L2 0.0-0.05 17/09/2012 Soil	79070-24 BH17L2 0.5-0.6 17/09/2012 Soil	79070-40 BH3L1 0.0-0.05 17/09/2012 Soil
1,2,3-trichloropropane	mg/kg	<1	<1	<1	<1	<1
isopropylbenzene	mg/kg	<1	<1	<1	<1	<1
bromobenzene	mg/kg	<1	<1	<1	<1	<1
n-propyl benzene	mg/kg	<1	<1	<1	<1	<1
2-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
4-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
1,3,5-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
tert-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2,4-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
1,3-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
sec-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,4-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
4-isopropyl toluene	mg/kg	<1	<1	<1	<1	<1
1,2-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
n-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2-dibromo-3-chloropropane	mg/kg	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Surrogate Dibromofluorometha	%	99	101	101	100	102
Surrogate aaa-Trifluorotoluene	%	105	108	105	111	106
Surrogate Toluene-d8	%	102	102	101	102	102
Surrogate 4-Bromofluorobenzene	%	90	89	89	89	88

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-41 BH3L1 0.1-0.15 17/09/2012 Soil	79070-61 TP26L1 0.0-0.05 14/09/2012 Soil	79070-65 TP23L1 0.0-0.05 14/09/2012 Soil	79070-69 TP25L1 0.0-0.05 14/09/2012 Soil	79070-73 TP24L1 0.0-0.05 14/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Dichlorodifluoromethane	mg/kg	<1	<1	<1	<1	<1
Chloromethane	mg/kg	<1	<1	<1	<1	<1
Vinyl Chloride	mg/kg	<1	<1	<1	<1	<1
Bromomethane	mg/kg	<1	<1	<1	<1	<1
Chloroethane	mg/kg	<1	<1	<1	<1	<1
Trichlorofluoromethane	mg/kg	<1	<1	<1	<1	<1
1,1-Dichloroethene	mg/kg	<1	<1	<1	<1	<1
trans-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
1,1-dichloroethane	mg/kg	<1	<1	<1	<1	<1
cis-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
bromochloromethane	mg/kg	<1	<1	<1	<1	<1
chloroform	mg/kg	<1	<1	<1	<1	<1
2,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1,1-trichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1-dichloropropene	mg/kg	<1	<1	<1	<1	<1
Cyclohexane	mg/kg	<1	<1	<1	<1	<1
carbon tetrachloride	mg/kg	<1	<1	<1	<1	<1
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
dibromomethane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
trichloroethene	mg/kg	<1	<1	<1	<1	<1
bromodichloromethane	mg/kg	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
1,1,2-trichloroethane	mg/kg	<1	<1	<1	<1	<1
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichloropropane	mg/kg	<1	<1	<1	<1	<1
dibromochloromethane	mg/kg	<1	<1	<1	<1	<1
1,2-dibromoethane	mg/kg	<1	<1	<1	<1	<1
tetrachloroethene	mg/kg	<1	<1	<1	<1	<1
1,1,1,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
chlorobenzene	mg/kg	<1	<1	<1	<1	<1
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
bromoform	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
styrene	mg/kg	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
o-Xylene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichloropropane	mg/kg	<1	<1	<1	<1	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-41 BH3L1 0.1-0.15 17/09/2012 Soil	79070-61 TP26L1 0.0-0.05 14/09/2012 Soil	79070-65 TP23L1 0.0-0.05 14/09/2012 Soil	79070-69 TP25L1 0.0-0.05 14/09/2012 Soil	79070-73 TP24L1 0.0-0.05 14/09/2012 Soil
isopropylbenzene	mg/kg	<1	<1	<1	<1	<1
bromobenzene	mg/kg	<1	<1	<1	<1	<1
n-propyl benzene	mg/kg	<1	<1	<1	<1	<1
2-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
4-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
1,3,5-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
tert-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2,4-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
1,3-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
sec-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,4-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
4-isopropyl toluene	mg/kg	<1	<1	<1	<1	<1
1,2-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
n-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2-dibromo-3-chloropropane	mg/kg	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Surrogate Dibromofluorometha	%	101	101	102	102	101
Surrogate aaa-Trifluorotoluene	%	107	98	99	99	89
Surrogate Toluene-d8	%	102	102	102	102	102
Surrogate 4-Bromofluorobenzene	%	89	89	89	89	89

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-77 TP20L1 0.0-0.05 14/09/2012 Soil	79070-81 TP19L1 0.0-0.05 14/09/2012 Soil	79070-82 TP19L1 0.1-0.15 14/09/2012 Soil	79070-87 TP19L1_A - 14/09/2012 Soil	79070-90 TP28L1 0.0-0.05 14/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Dichlorodifluoromethane	mg/kg	<1	<1	<1	<1	<1
Chloromethane	mg/kg	<1	<1	<1	<1	<1
Vinyl Chloride	mg/kg	<1	<1	<1	<1	<1
Bromomethane	mg/kg	<1	<1	<1	<1	<1
Chloroethane	mg/kg	<1	<1	<1	<1	<1
Trichlorofluoromethane	mg/kg	<1	<1	<1	<1	<1
1,1-Dichloroethene	mg/kg	<1	<1	<1	<1	<1
trans-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
1,1-dichloroethane	mg/kg	<1	<1	<1	<1	<1
cis-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
bromochloromethane	mg/kg	<1	<1	<1	<1	<1
chloroform	mg/kg	<1	<1	<1	<1	<1
2,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1,1-trichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1-dichloropropene	mg/kg	<1	<1	<1	<1	<1
Cyclohexane	mg/kg	<1	<1	<1	<1	<1
carbon tetrachloride	mg/kg	<1	<1	<1	<1	<1
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
dibromomethane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
trichloroethene	mg/kg	<1	<1	<1	<1	<1
bromodichloromethane	mg/kg	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
1,1,2-trichloroethane	mg/kg	<1	<1	<1	<1	<1
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichloropropane	mg/kg	<1	<1	<1	<1	<1
dibromochloromethane	mg/kg	<1	<1	<1	<1	<1
1,2-dibromoethane	mg/kg	<1	<1	<1	<1	<1
tetrachloroethene	mg/kg	<1	<1	<1	<1	<1
1,1,1,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
chlorobenzene	mg/kg	<1	<1	<1	<1	<1
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
bromoform	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
styrene	mg/kg	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
o-Xylene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichloropropane	mg/kg	<1	<1	<1	<1	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-77 TP20L1 0.0-0.05 14/09/2012 Soil	79070-81 TP19L1 0.0-0.05 14/09/2012 Soil	79070-82 TP19L1 0.1-0.15 14/09/2012 Soil	79070-87 TP19L1_A - 14/09/2012 Soil	79070-90 TP28L1 0.0-0.05 14/09/2012 Soil
isopropylbenzene	mg/kg	<1	<1	<1	<1	<1
bromobenzene	mg/kg	<1	<1	<1	<1	<1
n-propyl benzene	mg/kg	<1	<1	<1	<1	<1
2-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
4-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
1,3,5-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
tert-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2,4-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
1,3-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
sec-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,4-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
4-isopropyl toluene	mg/kg	<1	<1	<1	<1	<1
1,2-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
n-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2-dibromo-3-chloropropane	mg/kg	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Surrogate Dibromofluorometha	%	100	100	101	100	101
Surrogate aaa-Trifluorotoluene	%	97	102	101	111	109
Surrogate Toluene-d8	%	102	102	103	102	102
Surrogate 4-Bromofluorobenzene	%	90	88	89	89	88

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-92 TP28L1 0.45-0.55 14/09/2012 Soil	79070-97 BH7L1 0.0-0.05 18/09/2012 Soil	79070-99 BH7L1 0.5-0.6 18/09/2012 Soil	79070-119 BH30L1 0.0-0.05 18/09/2012 Soil	79070-120 BH30L1 0.1-0.15 18/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Dichlorodifluoromethane	mg/kg	<1	<1	<1	<1	<1
Chloromethane	mg/kg	<1	<1	<1	<1	<1
Vinyl Chloride	mg/kg	<1	<1	<1	<1	<1
Bromomethane	mg/kg	<1	<1	<1	<1	<1
Chloroethane	mg/kg	<1	<1	<1	<1	<1
Trichlorofluoromethane	mg/kg	<1	<1	<1	<1	<1
1,1-Dichloroethene	mg/kg	<1	<1	<1	<1	<1
trans-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
1,1-dichloroethane	mg/kg	<1	<1	<1	<1	<1
cis-1,2-dichloroethene	mg/kg	<1	<1	<1	<1	<1
bromochloromethane	mg/kg	<1	<1	<1	<1	<1
chloroform	mg/kg	<1	<1	<1	<1	<1
2,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1,1-trichloroethane	mg/kg	<1	<1	<1	<1	<1
1,1-dichloropropene	mg/kg	<1	<1	<1	<1	<1
Cyclohexane	mg/kg	<1	<1	<1	<1	<1
carbon tetrachloride	mg/kg	<1	<1	<1	<1	<1
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
dibromomethane	mg/kg	<1	<1	<1	<1	<1
1,2-dichloropropane	mg/kg	<1	<1	<1	<1	<1
trichloroethene	mg/kg	<1	<1	<1	<1	<1
bromodichloromethane	mg/kg	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	mg/kg	<1	<1	<1	<1	<1
1,1,2-trichloroethane	mg/kg	<1	<1	<1	<1	<1
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-dichloropropane	mg/kg	<1	<1	<1	<1	<1
dibromochloromethane	mg/kg	<1	<1	<1	<1	<1
1,2-dibromoethane	mg/kg	<1	<1	<1	<1	<1
tetrachloroethene	mg/kg	<1	<1	<1	<1	<1
1,1,1,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
chlorobenzene	mg/kg	<1	<1	<1	<1	<1
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
bromoform	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
styrene	mg/kg	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	mg/kg	<1	<1	<1	<1	<1
o-Xylene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichloropropane	mg/kg	<1	<1	<1	<1	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-92 TP28L1 0.45-0.55 14/09/2012 Soil	79070-97 BH7L1 0.0-0.05 18/09/2012 Soil	79070-99 BH7L1 0.5-0.6 18/09/2012 Soil	79070-119 BH30L1 0.0-0.05 18/09/2012 Soil	79070-120 BH30L1 0.1-0.15 18/09/2012 Soil
isopropylbenzene	mg/kg	<1	<1	<1	<1	<1
bromobenzene	mg/kg	<1	<1	<1	<1	<1
n-propyl benzene	mg/kg	<1	<1	<1	<1	<1
2-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
4-chlorotoluene	mg/kg	<1	<1	<1	<1	<1
1,3,5-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
tert-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2,4-trimethyl benzene	mg/kg	<1	<1	<1	<1	<1
1,3-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
sec-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,4-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
4-isopropyl toluene	mg/kg	<1	<1	<1	<1	<1
1,2-dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
n-butyl benzene	mg/kg	<1	<1	<1	<1	<1
1,2-dibromo-3-chloropropane	mg/kg	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
1,2,3-trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Surrogate Dibromofluorometha	%	100	101	101	100	100
Surrogate aaa-Trifluorotoluene	%	107	113	106	109	111
Surrogate Toluene-d8	%	103	102	103	103	102
Surrogate 4-Bromofluorobenzene	%	88	89	88	88	89

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-138 QAQC10 - 14/09/2012 Soil
Date extracted	-	21/09/2012
Date analysed	-	22/09/2012
Dichlorodifluoromethane	mg/kg	<1
Chloromethane	mg/kg	<1
Vinyl Chloride	mg/kg	<1
Bromomethane	mg/kg	<1
Chloroethane	mg/kg	<1
Trichlorofluoromethane	mg/kg	<1
1,1-Dichloroethene	mg/kg	<1
trans-1,2-dichloroethene	mg/kg	<1
1,1-dichloroethane	mg/kg	<1
cis-1,2-dichloroethene	mg/kg	<1
bromochloromethane	mg/kg	<1
chloroform	mg/kg	<1
2,2-dichloropropane	mg/kg	<1
1,2-dichloroethane	mg/kg	<1
1,1,1-trichloroethane	mg/kg	<1
1,1-dichloropropene	mg/kg	<1
Cyclohexane	mg/kg	<1
carbon tetrachloride	mg/kg	<1
Benzene	mg/kg	<0.2
dibromomethane	mg/kg	<1
1,2-dichloropropane	mg/kg	<1
trichloroethene	mg/kg	<1
bromodichloromethane	mg/kg	<1
trans-1,3-dichloropropene	mg/kg	<1
cis-1,3-dichloropropene	mg/kg	<1
1,1,2-trichloroethane	mg/kg	<1
Toluene	mg/kg	<0.5
1,3-dichloropropane	mg/kg	<1
dibromochloromethane	mg/kg	<1
1,2-dibromoethane	mg/kg	<1
tetrachloroethene	mg/kg	<1
1,1,1,2-tetrachloroethane	mg/kg	<1
chlorobenzene	mg/kg	<1
Ethylbenzene	mg/kg	<1
bromoform	mg/kg	<1
m+p-xylene	mg/kg	<2
styrene	mg/kg	<1
1,1,2,2-tetrachloroethane	mg/kg	<1
o-Xylene	mg/kg	<1
1,2,3-trichloropropane	mg/kg	<1

VOCs in soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-138 QAQC10 - 14/09/2012 Soil
isopropylbenzene	mg/kg	<1
bromobenzene	mg/kg	<1
n-propyl benzene	mg/kg	<1
2-chlorotoluene	mg/kg	<1
4-chlorotoluene	mg/kg	<1
1,3,5-trimethyl benzene	mg/kg	<1
tert-butyl benzene	mg/kg	<1
1,2,4-trimethyl benzene	mg/kg	<1
1,3-dichlorobenzene	mg/kg	<1
sec-butyl benzene	mg/kg	<1
1,4-dichlorobenzene	mg/kg	<1
4-isopropyl toluene	mg/kg	<1
1,2-dichlorobenzene	mg/kg	<1
n-butyl benzene	mg/kg	<1
1,2-dibromo-3-chloropropane	mg/kg	<1
1,2,4-trichlorobenzene	mg/kg	<1
hexachlorobutadiene	mg/kg	<1
1,2,3-trichlorobenzene	mg/kg	<1
Surrogate Dibromofluorometha	%	101
Surrogate aaa-Trifluorotoluene	%	97
Surrogate Toluene-d8	%	102
Surrogate 4-Bromofluorobenzene	%	89

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-1 BH20L2 0.0-0.05 17/09/2012 Soil	79070-2 BH20L2 0.1-0.15 17/09/2012 Soil	79070-11 BH20L2 4.45-4.55 17/09/2012 Soil	79070-17 BH20L2 8.0-8.1 17/09/2012 Soil	79070-22 BH17L2 0.0-0.05 17/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	105	108	83	80	105

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-24 BH17L2 0.5-0.6 17/09/2012 Soil	79070-36 BH17L2 7.0-7.1 17/09/2012 Soil	79070-37 BH17L2 8.0-8.1 17/09/2012 Soil	79070-40 BH3L1 0.0-0.05 17/09/2012 Soil	79070-41 BH3L1 0.1-0.15 17/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	111	92	87	106	107

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-49 BH3L1 4.0-4.1 17/09/2012 Soil	79070-52 BH3L1 5.5-5.6 17/09/2012 Soil	79070-61 TP26L1 0.0-0.05 14/09/2012 Soil	79070-62 TP26L1 0.1-0.15 14/09/2012 Soil	79070-65 TP23L1 0.0-0.05 14/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	81	88	98	83	99

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-67 TP23L1 0.45-0.55 14/09/2012 Soil	79070-69 TP25L1 0.0-0.05 14/09/2012 Soil	79070-70 TP25L1 0.1-0.15 14/09/2012 Soil	79070-73 TP24L1 0.0-0.05 14/09/2012 Soil	79070-76 TP24L1 0.95-1.05 14/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	88	99	73	89	85

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-77 TP20L1 0.0-0.05 14/09/2012 Soil	79070-78 TP20L1 0.1-0.15 14/09/2012 Soil	79070-81 TP19L1 0.0-0.05 14/09/2012 Soil	79070-82 TP19L1 0.1-0.15 14/09/2012 Soil	79070-83 TP19L1 0.2-0.25 14/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	97	84	102	101	103

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-87 TP19L1_A - 14/09/2012 Soil	79070-88 TP19L1_B - 14/09/2012 Soil	79070-90 TP28L1 0.0-0.05 14/09/2012 Soil	79070-92 TP28L1 0.45-0.55 14/09/2012 Soil	79070-94 TP28L1 1.2-1.3 14/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	111	81	109	107	88

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-97 BH7L1 0.0-0.05 18/09/2012 Soil	79070-99 BH7L1 0.5-0.6 18/09/2012 Soil	79070-114 BH7L1 7.0-7.1 18/09/2012 Soil	79070-118 BH7L1 9.6-9.7 18/09/2012 Soil	79070-119 BH30L1 0.0-0.05 18/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	113	106	88	87	109

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-120 BH30L1 0.1-0.15 18/09/2012 Soil	79070-128 BH30L1 4.0-4.1 18/09/2012 Soil	79070-133 BH30L1 8.0-8.1 18/09/2012 Soil	79070-138 QAQC10 - 14/09/2012 Soil	79070-139 QAQC12 - 17/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25	<25	<25	<25
Benzene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1	<1	<1	<1
m+p-xylene	mg/kg	<2	<2	<2	<2	<2
o-Xylene	mg/kg	<1	<1	<1	<1	<1
Surrogate aaa-Trifluorotoluene	%	111	88	88	97	87

vTRH & BTEX in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-140 QAQC13 - 17/09/2012 Soil	79070-141 QAQC14 - 18/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012
vTRHC ₆ - C ₉	mg/kg	<25	<25
Benzene	mg/kg	<0.2	<0.2
Toluene	mg/kg	<0.5	<0.5
Ethylbenzene	mg/kg	<1	<1
m+p-xylene	mg/kg	<2	<2
o-Xylene	mg/kg	<1	<1
Surrogate aaa-Trifluorotoluene	%	91	81

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	79070-1	79070-2	79070-11	79070-17	79070-22
Your Reference	-----	BH20L2	BH20L2	BH20L2	BH20L2	BH17L2
Depth	-----	0.0-0.05	0.1-0.15	4.45-4.55	8.0-8.1	0.0-0.05
Date Sampled		17/09/2012	17/09/2012	17/09/2012	17/09/2012	17/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	95	98	103	104	97

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	79070-24	79070-36	79070-37	79070-40	79070-41
Your Reference	-----	BH17L2	BH17L2	BH17L2	BH3L1	BH3L1
Depth	-----	0.5-0.6	7.0-7.1	8.0-8.1	0.0-0.05	0.1-0.15
Date Sampled		17/09/2012	17/09/2012	17/09/2012	17/09/2012	17/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	95	99	96	92	95

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	79070-49	79070-52	79070-61	79070-62	79070-65
Your Reference	-----	BH3L1	BH3L1	TP26L1	TP26L1	TP23L1
Depth	-----	4.0-4.1	5.5-5.6	0.0-0.05	0.1-0.15	0.0-0.05
Date Sampled		17/09/2012	17/09/2012	14/09/2012	14/09/2012	14/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	92	98	96	98	92

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	79070-67	79070-69	79070-70	79070-73	79070-76
Your Reference	-----	TP23L1	TP25L1	TP25L1	TP24L1	TP24L1
Depth	-----	0.45-0.55	0.0-0.05	0.1-0.15	0.0-0.05	0.95-1.05
Date Sampled		14/09/2012	14/09/2012	14/09/2012	14/09/2012	14/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	95	94	95	93	94

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	79070-77	79070-78	79070-81	79070-82	79070-83
Your Reference	-----	TP20L1	TP20L1	TP19L1	TP19L1	TP19L1
Depth	-----	0.0-0.05	0.1-0.15	0.0-0.05	0.1-0.15	0.2-0.25
Date Sampled		14/09/2012	14/09/2012	14/09/2012	14/09/2012	14/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	94	87	89	93	93

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	79070-87	79070-88	79070-90	79070-92	79070-94
Your Reference	-----	TP19L1_A	TP19L1_B	TP28L1	TP28L1	TP28L1
Depth	-----	-	-	0.0-0.05	0.45-0.55	1.2-1.3
Date Sampled		14/09/2012	14/09/2012	14/09/2012	14/09/2012	14/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	90	91	94	108	90

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	79070-97	79070-99	79070-114	79070-118	79070-119
Your Reference	-----	BH7L1	BH7L1	BH7L1	BH7L1	BH30L1
Depth	-----	0.0-0.05	0.5-0.6	7.0-7.1	9.6-9.7	0.0-0.05
Date Sampled		18/09/2012	18/09/2012	18/09/2012	18/09/2012	18/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100	<100	<100	<100
Surrogate o-Terphenyl	%	93	90	92	95	98

sTRH in Soil (C10-C36)						
Our Reference:	UNITS	79070-120	79070-128	79070-133	79070-138	79070-139
Your Reference	-----	BH30L1	BH30L1	BH30L1	QAQC10	QAQC12
Depth	-----	0.1-0.15	4.0-4.1	8.0-8.1	-	-
Date Sampled		18/09/2012	18/09/2012	18/09/2012	14/09/2012	17/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50	<50	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100	<100	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	240	<100	<100	<100	<100
Surrogate o-Terphenyl	%	93	100	98	89	93

sTRH in Soil (C10-C36)			
Our Reference:	UNITS	79070-140	79070-141
Your Reference	-----	QAQC13	QAQC14
Depth	-----	-	-
Date Sampled		17/09/2012	18/09/2012
Type of sample		Soil	Soil
Date extracted	-	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012
TRHC ₁₀ - C ₁₄	mg/kg	<50	<50
TRHC ₁₅ - C ₂₈	mg/kg	<100	<100
TRHC ₂₉ - C ₃₆	mg/kg	<100	<100
Surrogate o-Terphenyl	%	92	101

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-1 BH20L2 0.0-0.05 17/09/2012 Soil	79070-2 BH20L2 0.1-0.15 17/09/2012 Soil	79070-11 BH20L2 4.45-4.55 17/09/2012 Soil	79070-17 BH20L2 8.0-8.1 17/09/2012 Soil	79070-22 BH17L2 0.0-0.05 17/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-1 BH20L2 0.0-0.05 17/09/2012 Soil	79070-2 BH20L2 0.1-0.15 17/09/2012 Soil	79070-11 BH20L2 4.45-4.55 17/09/2012 Soil	79070-17 BH20L2 8.0-8.1 17/09/2012 Soil	79070-22 BH17L2 0.0-0.05 17/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-1 BH20L2 0.0-0.05 17/09/2012 Soil	79070-2 BH20L2 0.1-0.15 17/09/2012 Soil	79070-11 BH20L2 4.45-4.55 17/09/2012 Soil	79070-17 BH20L2 8.0-8.1 17/09/2012 Soil	79070-22 BH17L2 0.0-0.05 17/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	102	111	108	111	110
Surrogate Phenol-d6	%	98	111	106	104	110
Surrogate Nitrobenzene-d5	%	106	114	118	118	115
Surrogate 2-fluorobiphenyl	%	72	83	87	87	86
Surrogate 2,4,6-Tribromophenol	%	65	73	90	83	71
Surrogate p-Terphenyl-d14	%	85	85	97	95	83

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-24 BH17L2 0.5-0.6 17/09/2012 Soil	79070-36 BH17L2 7.0-7.1 17/09/2012 Soil	79070-37 BH17L2 8.0-8.1 17/09/2012 Soil	79070-40 BH3L1 0.0-0.05 17/09/2012 Soil	79070-41 BH3L1 0.1-0.15 17/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-24 BH17L2 0.5-0.6 17/09/2012 Soil	79070-36 BH17L2 7.0-7.1 17/09/2012 Soil	79070-37 BH17L2 8.0-8.1 17/09/2012 Soil	79070-40 BH3L1 0.0-0.05 17/09/2012 Soil	79070-41 BH3L1 0.1-0.15 17/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-24 BH17L2 0.5-0.6 17/09/2012 Soil	79070-36 BH17L2 7.0-7.1 17/09/2012 Soil	79070-37 BH17L2 8.0-8.1 17/09/2012 Soil	79070-40 BH3L1 0.0-0.05 17/09/2012 Soil	79070-41 BH3L1 0.1-0.15 17/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	116	101	97	90	92
Surrogate Phenol-d6	%	99	90	89	77	84
Surrogate Nitrobenzene-d5	%	120	104	103	97	101
Surrogate 2-fluorobiphenyl	%	88	80	82	84	84
Surrogate 2,4,6-Tribromophenol	%	68	69	65	71	69
Surrogate p-Terphenyl-d14	%	87	82	88	92	87

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-49 BH3L1 4.0-4.1 17/09/2012 Soil	79070-52 BH3L1 5.5-5.6 17/09/2012 Soil	79070-61 TP26L1 0.0-0.05 14/09/2012 Soil	79070-62 TP26L1 0.1-0.15 14/09/2012 Soil	79070-65 TP23L1 0.0-0.05 14/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-49 BH3L1 4.0-4.1 17/09/2012 Soil	79070-52 BH3L1 5.5-5.6 17/09/2012 Soil	79070-61 TP26L1 0.0-0.05 14/09/2012 Soil	79070-62 TP26L1 0.1-0.15 14/09/2012 Soil	79070-65 TP23L1 0.0-0.05 14/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-49 BH3L1 4.0-4.1 17/09/2012 Soil	79070-52 BH3L1 5.5-5.6 17/09/2012 Soil	79070-61 TP26L1 0.0-0.05 14/09/2012 Soil	79070-62 TP26L1 0.1-0.15 14/09/2012 Soil	79070-65 TP23L1 0.0-0.05 14/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	93	96	105	92	78
Surrogate Phenol-d ₆	%	80	77	97	77	66
Surrogate Nitrobenzene-d ₅	%	100	87	110	105	87
Surrogate 2-fluorobiphenyl	%	89	82	85	86	88
Surrogate 2,4,6-Tribromophenol	%	63	61	66	69	85
Surrogate p-Terphenyl-d ₁₄	%	98	101	90	89	110

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-67 TP23L1 0.45-0.55 14/09/2012 Soil	79070-69 TP25L1 0.0-0.05 14/09/2012 Soil	79070-70 TP25L1 0.1-0.15 14/09/2012 Soil	79070-73 TP24L1 0.0-0.05 14/09/2012 Soil	79070-76 TP24L1 0.95-1.05 14/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-67 TP23L1 0.45-0.55 14/09/2012 Soil	79070-69 TP25L1 0.0-0.05 14/09/2012 Soil	79070-70 TP25L1 0.1-0.15 14/09/2012 Soil	79070-73 TP24L1 0.0-0.05 14/09/2012 Soil	79070-76 TP24L1 0.95-1.05 14/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-67 TP23L1 0.45-0.55 14/09/2012 Soil	79070-69 TP25L1 0.0-0.05 14/09/2012 Soil	79070-70 TP25L1 0.1-0.15 14/09/2012 Soil	79070-73 TP24L1 0.0-0.05 14/09/2012 Soil	79070-76 TP24L1 0.95-1.05 14/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	87	90	100	80	75
Surrogate Phenol-d ₆	%	74	82	86	77	77
Surrogate Nitrobenzene-d ₅	%	96	102	114	93	88
Surrogate 2-fluorobiphenyl	%	82	82	89	79	83
Surrogate 2,4,6-Tribromophenol	%	61	60	60	64	60
Surrogate p-Terphenyl-d ₁₄	%	90	89	95	85	100

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-77 TP20L1 0.0-0.05 14/09/2012 Soil	79070-78 TP20L1 0.1-0.15 14/09/2012 Soil	79070-81 TP19L1 0.0-0.05 14/09/2012 Soil	79070-82 TP19L1 0.1-0.15 14/09/2012 Soil	79070-83 TP19L1 0.2-0.25 14/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-77 TP20L1 0.0-0.05 14/09/2012 Soil	79070-78 TP20L1 0.1-0.15 14/09/2012 Soil	79070-81 TP19L1 0.0-0.05 14/09/2012 Soil	79070-82 TP19L1 0.1-0.15 14/09/2012 Soil	79070-83 TP19L1 0.2-0.25 14/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-77 TP20L1 0.0-0.05 14/09/2012 Soil	79070-78 TP20L1 0.1-0.15 14/09/2012 Soil	79070-81 TP19L1 0.0-0.05 14/09/2012 Soil	79070-82 TP19L1 0.1-0.15 14/09/2012 Soil	79070-83 TP19L1 0.2-0.25 14/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	88	111	83	85	80
Surrogate Phenol-d ₆	%	91	78	73	75	77
Surrogate Nitrobenzene-d ₅	%	103	123	89	94	91
Surrogate 2-fluorobiphenyl	%	84	91	82	83	81
Surrogate 2,4,6-Tribromophenol	%	62	64	62	62	63
Surrogate p-Terphenyl-d ₁₄	%	107	61	83	85	88

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-87 TP19L1_A - 14/09/2012 Soil	79070-88 TP19L1_B - 14/09/2012 Soil	79070-90 TP28L1 0.0-0.0.5 14/09/2012 Soil	79070-92 TP28L1 0.45-0.55 14/09/2012 Soil	79070-94 TP28L1 1.2-1.3 14/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-87 TP19L1_A - 14/09/2012 Soil	79070-88 TP19L1_B - 14/09/2012 Soil	79070-90 TP28L1 0.0-0.0.5 14/09/2012 Soil	79070-92 TP28L1 0.45-0.55 14/09/2012 Soil	79070-94 TP28L1 1.2-1.3 14/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-87 TP19L1_A - 14/09/2012 Soil	79070-88 TP19L1_B - 14/09/2012 Soil	79070-90 TP28L1 0.0-0.0.5 14/09/2012 Soil	79070-92 TP28L1 0.45-0.55 14/09/2012 Soil	79070-94 TP28L1 1.2-1.3 14/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	65	75	88	91	82
Surrogate Phenol-d6	%	63	81	101	79	70
Surrogate Nitrobenzene-d5	%	82	86	102	91	103
Surrogate 2-fluorobiphenyl	%	76	82	85	87	93
Surrogate 2,4,6-Tribromophenol	%	61	60	66	63	61
Surrogate p-Terphenyl-d14	%	89	100	97	106	104

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-97 BH7L1 0.0-0.05 18/09/2012 Soil	79070-99 BH7L1 0.5-0.6 18/09/2012 Soil	79070-114 BH7L1 7.0-7.1 18/09/2012 Soil	79070-118 BH7L1 9.6-9.7 18/09/2012 Soil	79070-119 BH30L1 0.0-0.05 18/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-97 BH7L1 0.0-0.05 18/09/2012 Soil	79070-99 BH7L1 0.5-0.6 18/09/2012 Soil	79070-114 BH7L1 7.0-7.1 18/09/2012 Soil	79070-118 BH7L1 9.6-9.7 18/09/2012 Soil	79070-119 BH30L1 0.0-0.05 18/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-97 BH7L1 0.0-0.05 18/09/2012 Soil	79070-99 BH7L1 0.5-0.6 18/09/2012 Soil	79070-114 BH7L1 7.0-7.1 18/09/2012 Soil	79070-118 BH7L1 9.6-9.7 18/09/2012 Soil	79070-119 BH30L1 0.0-0.05 18/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	79	83	81	89	81
Surrogate Phenol-d ₆	%	83	88	79	83	91
Surrogate Nitrobenzene-d ₅	%	97	101	94	98	98
Surrogate 2-fluorobiphenyl	%	87	89	91	90	88
Surrogate 2,4,6-Tribromophenol	%	63	61	60	64	67
Surrogate p-Terphenyl-d ₁₄	%	90	84	96	105	107

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-120 BH30L1 0.1-0.15 18/09/2012 Soil	79070-128 BH30L1 4.0-+4.1 18/09/2012 Soil	79070-133 BH30L1 8.0-8.1 18/09/2012 Soil	79070-138 QAQC10 - 14/09/2012 Soil	79070-139 QAQC12 - 17/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012	22/09/2012	22/09/2012	22/09/2012
Phenol	mg/kg	<1	<1	<1	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1	<1	<1	<1
2-Chlorophenol	mg/kg	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
2-Methylphenol	mg/kg	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1	<1	<1	<1
3/4-Methylphenol	mg/kg	<2	<2	<2	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1	<1	<1	<1
Hexachloroethane	mg/kg	<1	<1	<1	<1	<1
Nitrobenzene	mg/kg	<1	<1	<1	<1	<1
Isophorone	mg/kg	<1	<1	<1	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	mg/kg	<1	<1	<1	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1	<1	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1	<1	<1	<1
Naphthalene	mg/kg	<1	<1	<1	<1	<1
4-Chloroaniline	mg/kg	<1	<1	<1	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1	<1	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1	<1	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1	<1	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1	<1	<1	<1
2-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Dimethylphthalate	mg/kg	<1	<1	<1	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1	<1	<1	<1
Acenaphthylene	mg/kg	<1	<1	<1	<1	<1
3-Nitroaniline	mg/kg	<1	<1	<1	<1	<1
Acenaphthene	mg/kg	<1	<1	<1	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10	<10	<10	<10
4-nitrophenol	mg/kg	<10	<10	<10	<10	<10
Dibenzofuran	mg/kg	<1	<1	<1	<1	<1
diethylphthalate	mg/kg	<1	<1	<1	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1	<1	<1	<1
4-nitroaniline	mg/kg	<1	<1	<1	<1	<1
Fluorene	mg/kg	<1	<1	<1	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<10	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-120 BH30L1 0.1-0.15 18/09/2012 Soil	79070-128 BH30L1 4.0-+4.1 18/09/2012 Soil	79070-133 BH30L1 8.0-8.1 18/09/2012 Soil	79070-138 QAQC10 - 14/09/2012 Soil	79070-139 QAQC12 - 17/09/2012 Soil
azobenzene	mg/kg	<1	<1	<1	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1	<1	<1	<1
hexachlorobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorophenol	mg/kg	<10	<10	<10	<10	<10
Phenanthrene	mg/kg	<1	<1	<1	<1	<1
Anthracene	mg/kg	<1	<1	<1	<1	<1
carbazole	mg/kg	<1	<1	<1	<1	<1
di-n-butylphthalate	mg/kg	<1	<1	<1	<1	<1
Fluoranthene	mg/kg	<1	<1	<1	<1	<1
Pyrene	mg/kg	<1	<1	<1	<1	<1
butylbenzylphthalate	mg/kg	<1	<1	<1	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1	<1	<1	<1
Chrysene	mg/kg	<1	<1	<1	<1	<1
di-n-octylphthalate	mg/kg	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1	<1	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1	<1	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1	<1	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1	<1	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1	<1	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1	<1	<1	<1
aniline	mg/kg	<1	<1	<1	<1	<1
pentachloroethane	mg/kg	<1	<1	<1	<1	<1
benzyl alcohol	mg/kg	<1	<1	<1	<1	<1
acetophenone	mg/kg	<1	<1	<1	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1	<1	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1	<1	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1	<1	<1	<1
hexachloropropene-1	mg/kg	<1	<1	<1	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1	<1	<1	<1
safrole	mg/kg	<1	<1	<1	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1	<1	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1	<1	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1	<1	<1	<1
pentachlorobenzene	mg/kg	<1	<1	<1	<1	<1
1-naphthylamine	mg/kg	<1	<1	<1	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1	<1	<1	<1
2-naphthylamine	mg/kg	<1	<1	<1	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1	<1	<1	<1
diphenylamine	mg/kg	<1	<1	<1	<1	<1
phenacetin	mg/kg	<1	<1	<1	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-120 BH30L1 0.1-0.15 18/09/2012 Soil	79070-128 BH30L1 4.0-+4.1 18/09/2012 Soil	79070-133 BH30L1 8.0-8.1 18/09/2012 Soil	79070-138 QAQC10 - 14/09/2012 Soil	79070-139 QAQC12 - 17/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1	<1	<1	<1
dinoseb	mg/kg	<1	<1	<1	<1	<1
methapyrilene	mg/kg	<1	<1	<1	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1	<1	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1	<1	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1	<1	<1	<1
3-methylcholanthrene	mg/kg	<1	<1	<1	<1	<1
a-BHC	mg/kg	<1	<1	<1	<1	<1
b-BHC	mg/kg	<1	<1	<1	<1	<1
g-BHC	mg/kg	<1	<1	<1	<1	<1
d-BHC	mg/kg	<1	<1	<1	<1	<1
Heptachlor	mg/kg	<1	<1	<1	<1	<1
Aldrin	mg/kg	<1	<1	<1	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1	<1	<1	<1
g-Chlordane	mg/kg	<1	<1	<1	<1	<1
a-Chlordane	mg/kg	<1	<1	<1	<1	<1
Endosulfan I	mg/kg	<1	<1	<1	<1	<1
p,p'-DDE	mg/kg	<1	<1	<1	<1	<1
Dieldrin	mg/kg	<1	<1	<1	<1	<1
Endrin	mg/kg	<1	<1	<1	<1	<1
p,p'-DDD	mg/kg	<1	<1	<1	<1	<1
Endosulfan II	mg/kg	<1	<1	<1	<1	<1
p,p'-DDT	mg/kg	<1	<1	<1	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1	<1	<1	<1
Methoxychlor	mg/kg	<1	<1	<1	<1	<1
Surrogate 2-fluorophenol	%	74	96	87	75	72
Surrogate Phenol-d6	%	69	97	60	68	60
Surrogate Nitrobenzene-d5	%	89	108	97	83	78
Surrogate 2-fluorobiphenyl	%	87	93	83	81	73
Surrogate 2,4,6-Tribromophenol	%	65	76	66	64	65
Surrogate p-Terphenyl-d14	%	107	113	102	103	95

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-140 QAQC13 - 17/09/2012 Soil	79070-141 QAQC14 - 18/09/2012 Soil
Date extracted	-	21/09/2012	21/09/2012
Date analysed	-	22/09/2012	22/09/2012
Phenol	mg/kg	<1	<1
Bis-(2-chloroethyl) ether	mg/kg	<1	<1
2-Chlorophenol	mg/kg	<1	<1
1,3-Dichlorobenzene	mg/kg	<1	<1
1,4-Dichlorobenzene	mg/kg	<1	<1
2-Methylphenol	mg/kg	<1	<1
1,2-Dichlorobenzene	mg/kg	<1	<1
Bis (2-chloroisopropyl) ether	mg/kg	<1	<1
3/4-Methylphenol	mg/kg	<2	<2
N-nitrosodi-n-propylamine	mg/kg	<1	<1
Hexachloroethane	mg/kg	<1	<1
Nitrobenzene	mg/kg	<1	<1
Isophorone	mg/kg	<1	<1
2,4-Dimethylphenol	mg/kg	<1	<1
2-Nitrophenol	mg/kg	<1	<1
Bis(2-chloroethoxy) methane	mg/kg	<1	<1
2,4-Dichlorophenol	mg/kg	<1	<1
1,2,4-Trichlorobenzene	mg/kg	<1	<1
Naphthalene	mg/kg	<1	<1
4-Chloroaniline	mg/kg	<1	<1
Hexachlorobutadiene	mg/kg	<1	<1
2-Methylnaphthalene	mg/kg	<1	<1
Hexachlorocyclopentadiene	mg/kg	<1	<1
2,4,6-trichlorophenol	mg/kg	<1	<1
2,4,5-trichlorophenol	mg/kg	<1	<1
2-Chloronaphthalene	mg/kg	<1	<1
2-nitroaniline	mg/kg	<1	<1
Dimethylphthalate	mg/kg	<1	<1
2,6-Dinitrotoluene	mg/kg	<1	<1
Acenaphthylene	mg/kg	<1	<1
3-Nitroaniline	mg/kg	<1	<1
Acenaphthene	mg/kg	<1	<1
2,4-dinitrophenol	mg/kg	<10	<10
4-nitrophenol	mg/kg	<10	<10
Dibenzofuran	mg/kg	<1	<1
diethylphthalate	mg/kg	<1	<1
4-chlorophenylphenylether	mg/kg	<1	<1
4-nitroaniline	mg/kg	<1	<1
Fluorene	mg/kg	<1	<1
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-140 QAQC13 - 17/09/2012 Soil	79070-141 QAQC14 - 18/09/2012 Soil
azobenzene	mg/kg	<1	<1
4-bromophenylphenylether	mg/kg	<1	<1
hexachlorobenzene	mg/kg	<1	<1
pentachlorophenol	mg/kg	<10	<10
Phenanthrene	mg/kg	<1	<1
Anthracene	mg/kg	<1	<1
carbazole	mg/kg	<1	<1
di-n-butylphthalate	mg/kg	<1	<1
Fluoranthene	mg/kg	<1	<1
Pyrene	mg/kg	<1	<1
butylbenzylphthalate	mg/kg	<1	<1
bis(2-ethylhexyl)phthalate	mg/kg	<1	<1
Benzo(a)anthracene	mg/kg	<1	<1
Chrysene	mg/kg	<1	<1
di-n-octylphthalate	mg/kg	<1	<1
Benzo(b)fluoranthene	mg/kg	<1	<1
Benzo(k)fluoranthene	mg/kg	<1	<1
Benzo(a)pyrene	mg/kg	<1	<1
Indeno(1,2,3-c,d)pyrene	mg/kg	<1	<1
Dibenzo(a,h)anthracene	mg/kg	<1	<1
Benzo(g,h,i)perylene	mg/kg	<1	<1
ethylmethanesulfonate	mg/kg	<1	<1
aniline	mg/kg	<1	<1
pentachloroethane	mg/kg	<1	<1
benzyl alcohol	mg/kg	<1	<1
acetophenone	mg/kg	<1	<1
N-nitrosomorpholine	mg/kg	<1	<1
N-nitrosopiperidine	mg/kg	<1	<1
2,6-dichlorophenol	mg/kg	<1	<1
hexachloropropene-1	mg/kg	<1	<1
N-nitroso-n-butylamine	mg/kg	<1	<1
safrole	mg/kg	<1	<1
1,2,4,5-tetrachlorobenzene	mg/kg	<1	<1
cis and trans iso-safrole	mg/kg	<1	<1
1,3-dinitrobenzene	mg/kg	<1	<1
pentachlorobenzene	mg/kg	<1	<1
1-naphthylamine	mg/kg	<1	<1
2,3,4,6-tetrachlorophenol	mg/kg	<1	<1
2-naphthylamine	mg/kg	<1	<1
5-nitro-o-toluidine	mg/kg	<1	<1
diphenylamine	mg/kg	<1	<1
phenacetin	mg/kg	<1	<1

SVOCs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ----- -----	79070-140 QAQC13 - 17/09/2012 Soil	79070-141 QAQC14 - 18/09/2012 Soil
pentachloronitrobenzene	mg/kg	<1	<1
dinoseb	mg/kg	<1	<1
methapyrilene	mg/kg	<1	<1
p-dimethylaminoazobenzene	mg/kg	<1	<1
2-acetylaminofluorene	mg/kg	<1	<1
7,12-dimethylbenz(a)anthracene	mg/kg	<1	<1
3-methylcholanthrene	mg/kg	<1	<1
a-BHC	mg/kg	<1	<1
b-BHC	mg/kg	<1	<1
g-BHC	mg/kg	<1	<1
d-BHC	mg/kg	<1	<1
Heptachlor	mg/kg	<1	<1
Aldrin	mg/kg	<1	<1
Heptachlor Epoxide	mg/kg	<1	<1
g-Chlordane	mg/kg	<1	<1
a-Chlordane	mg/kg	<1	<1
Endosulfan I	mg/kg	<1	<1
p,p'-DDE	mg/kg	<1	<1
Dieldrin	mg/kg	<1	<1
Endrin	mg/kg	<1	<1
p,p'-DDD	mg/kg	<1	<1
Endosulfan II	mg/kg	<1	<1
p,p'-DDT	mg/kg	<1	<1
Endosulfan Sulphate	mg/kg	<1	<1
Methoxychlor	mg/kg	<1	<1
Surrogate 2-fluorophenol	%	79	96
Surrogate Phenol-d6	%	72	65
Surrogate Nitrobenzene-d5	%	84	91
Surrogate 2-fluorobiphenyl	%	74	84
Surrogate 2,4,6-Tribromophenol	%	63	63
Surrogate p-Terphenyl-d14	%	96	96

Organochlorine Pesticides in soil						
Our Reference:	UNITS	79070-1	79070-2	79070-11	79070-17	79070-22
Your Reference	-----	BH20L2	BH20L2	BH20L2	BH20L2	BH17L2
Depth	-----	0.0-0.05	0.1-0.15	4.45-4.55	8.0-8.1	0.0-0.05
Date Sampled		17/09/2012	17/09/2012	17/09/2012	17/09/2012	17/09/2012
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	21/09/2012	21/09/2012	21/09/2012	21/09/2012	21/09/2012
Date analysed	-	23/09/2012	23/09/2012	23/09/2012	23/09/2012	23/09/2012
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
alpha-chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan I	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan II	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
pp-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Surrogate TCMX	%	98	103	102	107	99