

9 November 2007

TEST REPORT

Coffey Geotechnics Pty Ltd

Unit 17, Mt Penang Parklands
KARIONG
NSW 2250

Your Reference: 02021AA-Waters
Report Number: 55634A-R

Attention: Strider Duerinckx

Dear Strider

The following samples were received from you on the date indicated.

Samples:	Qty.	12 Waters
Date of Receipt of Samples:		03/10/07
Date of Receipt of Instructions:		03/10/07
Date Preliminary Report Emailed:		Not Issued

These samples were analysed in accordance with your written instructions.
A copy of the instructions is attached with the analytical report.

The results and associated quality control are contained in the following pages of this report.
Unless otherwise stated, solid samples are expressed on a dry weight basis (moisture has been supplied for your information only), air and liquid samples as received.

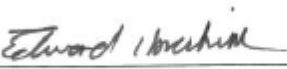
Should you have any queries regarding this report please contact the undersigned.

This report cancels and supersedes Report No. 55634A issued by SGS Environmental Services due to incorrect LORs being reported for some analytes in the VOC, TRH, OCP & OPP suites.

Yours faithfully

SGS ENVIRONMENTAL SERVICES


Ly Kim Ha
Senior Organic Chemist


Edward Ibrahim
Laboratory Services Manager


Alexandra Stenta
Key Account Representative

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VOCs in water Our Reference:	UNITS	55634A-R-3	55634A-R-4	55634A-R-5	55634A-R-6	55634A-R-7
Your Reference	-----	MW9	MW1	MW4	MW7	MW5
Sample Type	-----	Water	Water	Water	Water	Water
Depth		-	-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007
Date extracted		15/10/2007	15/10/2007	15/10/2007	15/10/2007	15/10/2007
Date analysed		18/10/2007	18/10/2007	18/10/2007	18/10/2007	18/10/2007
Chloromethane	µg/L	0.90	1.2	<0.10	<0.10	<0.10
Trichlorofluoromethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,1-Dichloroethene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
<i>trans</i> -1,2-Dichloroethene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,1-Dichloroethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
<i>cis</i> -1,2-Dichloroethene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Bromochloromethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Chloroform	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,2-Dichloroethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,1,1-Trichloroethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Carbon tetrachloride	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,2-Dichloropropane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Trichloroethene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Bromodichloromethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
<i>cis</i> -1,3-Dichloropropene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
<i>trans</i> -1,3-Dichloropropene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,1,2-Trichloroethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Dibromochloromethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Tetrachloroethene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,1,1,2-Tetrachloroethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Chlorobenzene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,1,2,2-Tetrachloroethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,2,3-Trichloropropane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,3-Dichlorobenzene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,4-Dichlorobenzene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,2-Dichlorobenzene	µg/L	<0.10	<1	<0.10	<0.10	<0.10
1,2,4-Trichlorobenzene	µg/L	<0.50	<1	<0.50	<0.50	<0.50
Hexachlorobutadiene	µg/L	<0.50	<1	<0.50	<1	<0.50
Vinyl Chloride	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Allyl Chloride	µg/L	<0.10	<1	<0.10	<0.10	<0.10
Dichlorodifluoromethane	µg/L	1.0	<1	1.0	1.0	1.0
Chloroethane	µg/L	<0.10	<1	<0.10	<0.10	<0.10
DCM (Methylene Chloride)	µg/L	<20	<20	<20	<20	<20
Dibromofluoromethane	% Recovery	97	98	112	97	109
Toluene- <i>d</i> 8 Surrogate 2	% recovery	99	96	106	96	105

VOCs in water Our Reference:	UNITS	55634A-R- 3	55634A-R- 4	55634A-R- 5	55634A-R- 6	55634A-R- 7
Your Reference	-----	MW9	MW1	MW4	MW7	MW5
Sample Type	-----	Water	Water	Water	Water	Water
Depth		-	-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007
4-Bromofluorobenzene <i>Surrogate 3</i>	% recovery	99	97	111	98	105

VOCs in water Our Reference:	UNITS	55634A-R- 9
Your Reference	-----	MWQC1
Sample Type	-----	Water
Depth		-
Date Sampled		3/10/2007
Date extracted		15/10/2007
Date analysed		18/10/2007
Chloromethane	µg/L	<0.10
Trichlorofluoromethane	µg/L	<0.10
1,1-Dichloroethene	µg/L	<0.10
<i>trans</i> -1,2-Dichloroethene	µg/L	<0.10
1,1-Dichloroethane	µg/L	<0.10
<i>cis</i> -1,2-Dichloroethene	µg/L	<0.10
Bromochloromethane	µg/L	<0.10
Chloroform	µg/L	<0.10
1,2-Dichloroethane	µg/L	<0.10
1,1,1-Trichloroethane	µg/L	<0.10
Carbon tetrachloride	µg/L	<0.10
1,2-Dichloropropane	µg/L	<0.10
Trichloroethene	µg/L	<0.10
Bromodichloromethane	µg/L	<0.10
<i>cis</i> -1,3-Dichloropropene	µg/L	<0.10
<i>trans</i> -1,3-Dichloropropene	µg/L	<0.10
1,1,2-Trichloroethane	µg/L	<0.10
Dibromochloromethane	µg/L	<0.10
Tetrachloroethene	µg/L	<0.10
1,1,1,2-Tetrachloroethane	µg/L	<0.10
Chlorobenzene	µg/L	<0.10
1,1,2,2-Tetrachloroethane	µg/L	<0.10
1,2,3-Trichloropropane	µg/L	<0.10
1,3-Dichlorobenzene	µg/L	<0.10
1,4-Dichlorobenzene	µg/L	<0.10
1,2-Dichlorobenzene	µg/L	<0.10
1,2,4-Trichlorobenzene	µg/L	<0.50
Hexachlorobutadiene	µg/L	<0.50
Vinyl Chloride	µg/L	<0.10

VOCs in water Our Reference:	UNITS	55634A-R-9
Your Reference	-----	MWQC1
Sample Type	-----	Water
Depth		-
Date Sampled		3/10/2007
Allyl Chloride	µg/L	<0.10
Dichlorodifluoromethane	µg/L	1.0
Chloroethane	µg/L	<0.10
DCM (Methylene Chloride)	µg/L	<20
Dibromofluoromethane	% Recovery	106
Toluene- <i>d</i> 8 Surrogate 2	% recovery	103
4-Bromofluorobenzene Surrogate 3	% recovery	106

BTEX in Water						
Our Reference:	UNITS	55634A-R-1	55634A-R-2	55634A-R-34	55634A-R-35	55634A-R-36
Your Reference	-----	MW2	MW3	TRIP SPIKE	TRIP BLANK	WB-11
Sample Type	-----	Water	Water	Water	Water	Water
Depth		-	-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	3/10/2007	4/10/2007
Date Extracted		9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007
Date Analysed		9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007
Benzene	µg/L	<1	<1	85%	<1	<1
Toluene	µg/L	<1	<1	83%	<1	<1
Ethylbenzene	µg/L	<1	<1	84%	<1	<1
Total Xylenes	µg/L	<3	<3	86%	<3	<3

TRH in Water C6-C9 P/T(∞ g/L)						
Our Reference:	UNITS	55634A-R-1	55634A-R-2	55634A-R-3	55634A-R-4	55634A-R-5
Your Reference	-----	MW2	MW3	MW9	MW1	MW4
Sample Type	-----	Water	Water	Water	Water	Water
Depth		-	-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007
Date Extracted		15/10/2007	15/10/2007	15/10/2007	15/10/2007	15/10/2007
Date Analysed		18/10/2007	18/10/2007	18/10/2007	18/10/2007	18/10/2007
TRH C ₆ - C ₉ P&T	μ g/L	<40.0	<40.0	<40.0	<40.0	<40.0
TRH C ₁₀ - C ₁₄	μ g/L	<40.0	<40.0	59.0	<40.0	<40.0
TRH C ₁₅ - C ₂₈	μ g/L	<200	<200	610	<200	<200
TRH C ₂₉ - C ₃₆	μ g/L	<200	<200	660	<200	<200

TRH in Water C6-C9 P/T(∞ g/L)				
Our Reference:	UNITS	55634A-R-6	55634A-R-7	55634A-R-36
Your Reference	-----	MW7	MW5	WB-11
Sample Type	-----	Water	Water	Water
Depth		-	-	-
Date Sampled		3/10/2007	3/10/2007	4/10/2007
Date Extracted		15/10/2007	15/10/2007	15/10/2007
Date Analysed		18/10/2007	18/10/2007	18/10/2007
TRH C ₆ - C ₉ P&T	μ g/L	<100	<40.0	<40.0
TRH C ₁₀ - C ₁₄	μ g/L	160	<40.0	<40.0
TRH C ₁₅ - C ₂₈	μ g/L	990	1,300	<200
TRH C ₂₉ - C ₃₆	μ g/L	1,300	2,100	<200

PAHs in Water						
Our Reference:	UNITS	55634A-R-1	55634A-R-2	55634A-R-3	55634A-R-4	55634A-R-5
Your Reference	-----	MW2	MW3	MW9	MW1	MW4
Sample Type	-----	Water	Water	Water	Water	Water
Depth		-	-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007
Date Extracted		15/10/2007	15/10/2007	15/10/2007	15/10/2007	15/10/2007
Date Analysed		18/10/2007	18/10/2007	18/10/2007	18/10/2007	18/10/2007
Naphthalene	µg/L	<0.01	<0.01	<0.01	<0.01	0.02
2-Methylnaphthalene	µg/L	<0.01	<0.01	0.02	0.01	<0.01
1-Methylnaphthalene	µg/L	<0.010	<0.010	0.060	0.040	<0.010
Acenaphthylene	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	µg/L	<0.01	<0.01	0.03	0.02	0.01
Fluorene	µg/L	<0.01	<0.01	0.04	0.03	0.01
Phenanthrene	µg/L	<0.01	<0.01	0.08	0.03	<0.01
Anthracene	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	µg/L	<0.01	<0.01	0.02	<0.01	<0.01
Pyrene	µg/L	<0.01	<0.01	0.04	0.01	<0.01
Benzo[a]anthracene	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo[b,k]fluoranthene	µg/L	<0.020	<0.020	<0.020	<0.020	<0.020
Benzo[a]pyrene	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno[123-cd]pyrene	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenzo[ah]anthracene	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo[ghi]perylene	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
p -Terphenyl-d14	%	71	61	76	64	60

PAHs in Water Our Reference: Your Reference Sample Type Depth Date Sampled	UNITS ----- -----	55634A-R- 6 MW7 Water - 3/10/2007	55634A-R- 7 MW5 Water - 3/10/2007
Date Extracted		15/10/2007	15/10/2007
Date Analysed		18/10/2007	18/10/2007
Naphthalene	µg/L	<0.05	0.02
2-Methylnaphthalene	µg/L	<0.05	0.04
1-Methylnaphthalene	µg/L	<0.05	0.10
Acenaphthylene	µg/L	<0.05	<0.01
Acenaphthene	µg/L	<0.05	0.04
Fluorene	µg/L	<0.05	0.06
Phenanthrene	µg/L	<0.05	0.1
Anthracene	µg/L	<0.05	0.01
Fluoranthene	µg/L	<0.05	0.03
Pyrene	µg/L	<0.05	0.06
Benzo[a]anthracene	µg/L	<0.05	0.01
Chrysene	µg/L	<0.05	0.02
Benzo[b,k]fluoranthene	µg/L	<0.1	<0.020
Benzo[a]pyrene	µg/L	<0.05	<0.01
Indeno[123-cd]pyrene	µg/L	<0.05	<0.01
Dibenzo[ah]anthracene	µg/L	<0.05	<0.01
Benzo[ghi]perylene	µg/L	<0.05	<0.01
p -Terphenyl-d14	%	[NT]	53

Low Level Pesticides - Perth						
Our Reference:	UNITS	55634A-R-3	55634A-R-4	55634A-R-5	55634A-R-6	55634A-R-7
Your Reference	-----	MW9	MW1	MW4	MW7	MW5
Sample Type	-----	Water	Water	Water	Water	Water
Depth		-	-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007
Date Extracted		15/10/2007	15/10/2007	15/10/2007	15/10/2007	15/10/2007
Date Analysed		18/10/2007	18/10/2007	18/10/2007	18/10/2007	18/10/2007
Lindane	µg/L	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor	µg/L	<0.020	<0.020	<0.020	<0.05	<0.020
Aldrin	µg/L	<0.010	<0.010	<0.010	<0.05	<0.010
Heptachlor Epoxide	µg/L	<0.02	<0.02	<0.02	<0.05	<0.02
alpha Endosulfan	µg/L	<0.02	<0.02	<0.02	<0.05	<0.02
alpha (cis-) Chlordane	µg/L	<0.01	<0.01	<0.01	<0.05	<0.01
gamma (trans-) Chlordane	µg/L	<0.01	<0.01	<0.01	<0.05	<0.01
p,p-DDE	µg/L	<0.010	<0.010	<0.010	<0.05	<0.010
Dieldrin	µg/L	<0.01	<0.01	<0.01	<0.05	<0.01
Endrin	µg/L	<0.02	<0.02	<0.02	<0.05	<0.02
p,p-DDD	µg/L	<0.010	<0.010	<0.010	<0.05	<0.010
beta Endosulfan	µg/L	<0.02	<0.02	<0.02	<0.05	<0.02
p,p-DDT	µg/L	<0.01	<0.01	<0.01	<0.05	<0.01
Methoxychlor	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Endosulfan Sulphate	µg/L	<0.020	<0.020	<0.020	<0.5	<0.020
HCB	µg/L	<0.01	<0.01	<0.01	<0.05	<0.01
Diazinon	µg/L	<0.010	<0.010	<0.010	<0.05	<0.010
Chlorpyrifos	µg/L	<0.01	<0.01	<0.01	<0.05	<0.01
Malathion	µg/L	<0.050	<0.050	<0.050	<0.050	<0.050
Fenitrothion	µg/L	<0.20	<0.20	<0.20	<0.20	<0.20
Azinphos-methyl	µg/L	<0.05	<0.05	<0.05	<0.2	<0.05
ethyl Parathion	µg/L	<0.010	<0.010	<0.010	<0.05	<0.010
Surrogate	%	76	64	60	[NT]	53

PCBs in Water						
Our Reference:	UNITS	55634A-R-1	55634A-R-2	55634A-R-3	55634A-R-4	55634A-R-5
Your Reference	-----	MW2	MW3	MW9	MW1	MW4
Sample Type	-----	Water	Water	Water	Water	Water
Depth		-	-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007
PCB Congener C28	µg/L	<0.02	<0.02	<0.02	<0.02	<0.02
PCB Congener C52	µg/L	<0.01	<0.01	<0.01	<0.01	<0.01
PCB Congener C118	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
PCB Congener C101	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
PCB Congener C138	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
PCB Congener C153	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010
PCB Congener C180	µg/L	<0.010	<0.010	<0.010	<0.010	<0.010

PCBs in Water			
Our Reference:	UNITS	55634A-R-6	55634A-R-7
Your Reference	-----	MW7	MW5
Sample Type	-----	Water	Water
Depth		-	-
Date Sampled		3/10/2007	3/10/2007
PCB Congener C28	µg/L	<0.02	<0.02
PCB Congener C52	µg/L	<0.01	<0.01
PCB Congener C118	µg/L	<0.010	<0.010
PCB Congener C101	µg/L	<0.010	<0.010
PCB Congener C138	µg/L	<0.010	<0.010
PCB Congener C153	µg/L	<0.010	<0.010
PCB Congener C180	µg/L	<0.010	<0.010

Phenols in Water			
Our Reference:	UNITS	55634A-R-1	55634A-R-2
Your Reference	-----	MW2	MW3
Sample Type	-----	Water	Water
Depth		-	-
Date Sampled		3/10/2007	3/10/2007
Date Extracted (Phenols)		8/10/2007	8/10/2007
Date Analysed (Phenols)		8/10/2007	8/10/2007
Total Phenolics (as Phenol)	mg/L	<0.05	<0.05

Trace HM (ICP-MS)-Dissolved						
Our Reference:	UNITS	55634A-R-1	55634A-R-2	55634A-R-3	55634A-R-4	55634A-R-5
Your Reference	-----	MW2	MW3	MW9	MW1	MW4
Sample Type	-----	Water	Water	Water	Water	Water
Depth		-	-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007
Date Extracted		9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007
Date Analysed		9/10/2007	9/10/2007	9/10/2007	9/10/2007	9/10/2007
Arsenic	µg/L	1.2	1.1	3.7	<1.0	<1.0
Cadmium	µg/L	<0.10	<0.10	<0.10	<0.10	<0.10
Chromium	µg/L	4.8	4.8	6.6	<1.0	<1.0
Copper	µg/L	1.1	1.3	<1.0	35	35
Lead	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Nickel	µg/L	1.6	2.0	1.1	<1.0	<1.0
Zinc	µg/L	2.6	2.9	42	13	14

Trace HM (ICP-MS)-Dissolved					
Our Reference:	UNITS	55634A-R-6	55634A-R-7	55634A-R-9	55634A-R-36
Your Reference	-----	MW7	MW5	MWQC1	WB-11
Sample Type	-----	Water	Water	Water	Water
Depth		-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	4/10/2007
Date Extracted		9/10/2007	9/10/2007	9/10/2007	9/10/2007
Date Analysed		9/10/2007	9/10/2007	9/10/2007	9/10/2007
Arsenic	µg/L	3.4	3.8	<1.0	<1.0
Cadmium	µg/L	<0.10	<0.10	<0.10	<0.10
Chromium	µg/L	6.5	4.3	<1.0	<1.0
Copper	µg/L	<1.0	1.1	35	2.1
Lead	µg/L	<1.0	<1.0	<1.0	<1.0
Nickel	µg/L	1.2	1.0	<1.0	1.6
Zinc	µg/L	98	53	13	11

Mercury Cold Vapor/Hg Analyser						
Our Reference:	UNITS	55634A-R-1	55634A-R-2	55634A-R-3	55634A-R-4	55634A-R-5
Your Reference	-----	MW2	MW3	MW9	MW1	MW4
Sample Type	-----	Water	Water	Water	Water	Water
Depth		-	-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007
Date Extracted		8/10/2007	8/10/2007	8/10/2007	8/10/2007	8/10/2007
Date Analysed		8/10/2007	8/10/2007	8/10/2007	8/10/2007	8/10/2007
Mercury (Dissolved)	µg/L	<0.50	<0.50	<0.50	<0.50	<0.50

Mercury Cold Vapor/Hg Analyser					
Our Reference:	UNITS	55634A-R-6	55634A-R-7	55634A-R-9	55634A-R-36
Your Reference	-----	MW7	MW5	MWQC1	WB-11
Sample Type	-----	Water	Water	Water	Water
Depth		-	-	-	-
Date Sampled		3/10/2007	3/10/2007	3/10/2007	4/10/2007
Date Extracted		8/10/2007	8/10/2007	8/10/2007	8/10/2007
Date Analysed		8/10/2007	8/10/2007	8/10/2007	8/10/2007
Mercury (Dissolved)	µg/L	<0.50	<0.50	<0.50	<0.50

Method ID	Methodology Summary
Ext-003	Analysis subcontracted to SGS Environmental Perth.
SEO-018	BTEX - Determination by purge and trap/ Gas Chromatography with MS Detection.
SEO-030	PAHs by GC/MS - Determination of Polynuclear Aromatic Hydrocarbons (PAH's) by Gas Chromatography / Mass Spectrometry following extraction with dichloromethane or dichloromethane/acetone. The surrogate spike used is p-Terphenyl-d14.
SEO-005	OC/OP/PCB - Determination of a suite of Organchlorine Pesticides, Chlorinated Organo-phosphorus Pesticides and Polychlorinated Biphenyls (PCB's) by sonication extraction using dichloromethane for waters or acetone / hexane for soils followed by Gas Chromatographic separation with Electron Capture Detection (GC/ECD). The surrogate spike used is 2,4,5,6-Tetrachloro-m-xylene.
SEI-066	üÿ6À
AN318	Determination of elements at trace levels in waters by ICP-MS. Method based on USEPA 6020A
SEM-005	Mercury - Determination of Mercury by Cold Vapour Generation Atomic Absorption Spectroscopy.

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
VOCs in water								
Date extracted				15/10/07	[NT]	[NT]	LCS	15/10/07%
Date analysed				18/10/07	[NT]	[NT]	LCS	18/10/07%
Chloromethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
Trichlorofluoromethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
1,1-Dichloroethene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	97%
<i>trans</i> -1,2-Dichloroethene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	101%
1,1-Dichloroethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	101%
<i>cis</i> -1,2-Dichloroethene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
Bromochloromethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
Chloroform	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	92%
1,2-Dichloroethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	96%
1,1,1-Trichloroethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	98%
Carbon tetrachloride	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	91%
1,2-Dichloropropane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
Trichloroethene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	98%
Bromodichloromethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	90%
<i>cis</i> -1,3-Dichloropropene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	88%
<i>trans</i> -1,3-Dichloropropene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	85%
1,1,2-Trichloroethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	91%
Dibromochloromethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	86%
Tetrachloroethene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
1,1,1,2-Tetrachloroethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
Chlorobenzene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	97%
1,1,2,2-Tetrachloroethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	91%
1,2,3-Trichloropropane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
1,3-Dichlorobenzene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	96%
1,4-Dichlorobenzene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	97%
1,2-Dichlorobenzene	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	LCS	94%
1,2,4-Trichlorobenzene	µg/L	0.5	Ext-003	<0.50	[NT]	[NT]	[NR]	[NR]
Hexachlorobutadiene	µg/L	0.5	Ext-003	<0.50	[NT]	[NT]	[NR]	[NR]
Vinyl Chloride	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
Allyl Chloride	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
Dichlorodifluoromethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
Chloroethane	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
DCM (Methylene Chloride)	µg/L	20	Ext-003	<20	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL VOCs in water	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Dibromofluoromethane	% Recover y	0	Ext-003	97	[NT]	[NT]	LCS	106%
Toluene- <i>d8</i> Surrogate 2	% recover y	0	Ext-003	99	[NT]	[NT]	LCS	103%
4-Bromofluorobenzene Surrogate 3	% recover y	0	Ext-003	97	[NT]	[NT]	LCS	103%
QUALITY CONTROL BTEX in Water	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				09/10/0 7	[NT]	[NT]	LCS	09/10/07%
Date Analysed				09/10/0 7	[NT]	[NT]	LCS	09/10/07%
Benzene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	100%
Toluene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	100%
Ethylbenzene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	100%
Total Xylenes	µg/L	3	SEO-018	<3	[NT]	[NT]	LCS	99%
Surrogate	%	0	SEO-018	[NT]	[NT]	[NT]	[NR]	[NR]
QUALITY CONTROL TRH in Water C6-C9 P/T(∞g/L)	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				15/10/0 7	[NT]	[NT]	LCS	15/10/07%
Date Analysed				18/10/0 7	[NT]	[NT]	LCS	18/10/07%
TRH C ₆ - C ₉ P&T	µg/L	40	Ext-003	<40.0	[NT]	[NT]	LCS	71%
TRH C ₁₀ - C ₁₄	µg/L	40	Ext-003	<40.0	[NT]	[NT]	LCS	75%
TRH C ₁₅ - C ₂₈	µg/L	200	Ext-003	<200	[NT]	[NT]	LCS	88%
TRH C ₂₉ - C ₃₆	µg/L	200	Ext-003	<200	[NT]	[NT]	LCS	80%

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
PAHs in Water								
Date Extracted				15/10/07	[NT]	[NT]	LCS	15/10/07%
Date Analysed				18/10/07	[NT]	[NT]	LCS	18/10/07%
Naphthalene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	LCS	57%
2-Methylnaphthalene	µg/L	0.01	SEO-030	<0.01	[NT]	[NT]	[NR]	[NR]
1-Methylnaphthalene	µg/L	0.01	SEO-030	<0.010	[NT]	[NT]	[NR]	[NR]
Acenaphthylene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	[NR]	[NR]
Acenaphthene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	[NR]	[NR]
Fluorene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	LCS	68%
Phenanthrene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	LCS	74%
Anthracene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	[NR]	[NR]
Fluoranthene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	[NR]	[NR]
Pyrene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	LCS	65%
Benzo[a]anthracene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	LCS	62%
Chrysene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	[NR]	[NR]
Benzo[b,k]fluoranthene	µg/L	0.02	Ext-003	<0.020	[NT]	[NT]	[NR]	[NR]
Benzo[a]pyrene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	LCS	36%
Indeno[123-cd]pyrene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	[NR]	[NR]
Dibenzo[ah]anthracene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	[NR]	[NR]
Benzo[ghi]perylene	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	[NR]	[NR]
<i>p</i> -Terphenyl-d ₁₄	%	0	Ext-003	86	[NT]	[NT]	LCS	60%

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Low Level Pesticides - Perth								
Date Extracted				15/10/07	[NT]	[NT]	LCS	15/10/07%
Date Analysed				18/10/07	[NT]	[NT]	LCS	18/10/07%
Lindane	µg/L	0.05	Ext-003	<0.05	[NT]	[NT]	LCS	70%
Heptachlor	µg/L	0.02	Ext-003	<0.020	[NT]	[NT]	LCS	71%
Aldrin	µg/L	0.01	Ext-003	<0.010	[NT]	[NT]	LCS	73%
Heptachlor Epoxide	µg/L	0.02	SEO-005	<0.02	[NT]	[NT]	LCS	72%
alpha Endosulfan	µg/L	0.02	Ext-003	<0.02	[NT]	[NT]	[NR]	[NR]
alpha (cis-) Chlordane	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	LCS	72%
gamma (trans-) Chlordane	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	LCS	71%
p,p-DDE	µg/L	0.01	Ext-003	<0.010	[NT]	[NT]	LCS	67%
Dieldrin	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	LCS	94%
Endrin	µg/L	0.02	Ext-003	<0.02	[NT]	[NT]	LCS	78%
p,p-DDD	µg/L	0.01	Ext-003	<0.010	[NT]	[NT]	[NR]	[NR]
beta Endosulfan	µg/L	0.02	Ext-003	<0.02	[NT]	[NT]	[NR]	[NR]
p,p-DDT	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	[NR]	[NR]
Methoxychlor	µg/L	0.1	Ext-003	<0.10	[NT]	[NT]	[NR]	[NR]
Endosulfan Sulphate	µg/L	0.02	Ext-003	<0.020	[NT]	[NT]	[NR]	[NR]
HCB	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	[NR]	[NR]
Diazinon	µg/L	0.01	Ext-003	<0.010	[NT]	[NT]	LCS	71%
Chlorpyrifos	µg/L	0.01	Ext-003	<0.01	[NT]	[NT]	LCS	73%
Malathion	µg/L	0.05	Ext-003	<0.050	[NT]	[NT]	[NR]	[NR]
Fenitrothion	µg/L	0.2	Ext-003	<0.20	[NT]	[NT]	[NR]	[NR]
Azinphos-methyl	µg/L	0.025	Ext-003	<0.05	[NT]	[NT]	LCS	84%
ethyl Parathion	µg/L	0.01	Ext-003	<0.010	[NT]	[NT]	LCS	48%
Surrogate	%	0	Ext-003	86	[NT]	[NT]	LCS	60%

QUALITY CONTROL PCBs in Water	UNITS	PQL	METHOD	Blank				
PCB Congener C28	µg/L	0.02	Ext-003	<0.02				
PCB Congener C52	µg/L	0.01	Ext-003	<0.01				
PCB Congener C118	µg/L	0.01	Ext-003	<0.010				
PCB Congener C101	µg/L	0.01	Ext-003	<0.010				
PCB Congener C138	µg/L	0.01	Ext-003	<0.010				
PCB Congener C153	µg/L	0.01	Ext-003	<0.010				
PCB Congener C180	µg/L	0.01	Ext-003	<0.010				
QUALITY CONTROL Phenols in Water	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted (Phenols)				08/10/07	[NT]	[NT]	LCS	8/10/07%
Date Analysed (Phenols)				08/10/07	[NT]	[NT]	LCS	8/10/07%
Total Phenolics (as Phenol)	mg/L	0.05	SEI-066	<0.05	[NT]	[NT]	LCS	96%
QUALITY CONTROL Trace HM (ICP-MS)-Dissolved	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				09/10/07	55634A-1	9/10/2007 9/10/2007	LCS	09/10/07%
Date Analysed				09/10/07	55634A-1	9/10/2007 9/10/2007	LCS	09/10/07%
Arsenic	µg/L	1	AN318	<1.0	55634A-1	1.2 1.1 RPD: 9	LCS	105%
Cadmium	µg/L	0.1	AN318	<0.10	55634A-1	<0.10 <0.10	LCS	103%
Chromium	µg/L	1	AN318	<1.0	55634A-1	4.8 4.9 RPD: 2	LCS	94%
Copper	µg/L	1	AN318	<1.0	55634A-1	1.1 1.1 RPD: 0	LCS	99%
Lead	µg/L	1	AN318	<1.0	55634A-1	<1.0 <1.0	LCS	102%
Nickel	µg/L	1	AN318	<1.0	55634A-1	1.6 1.9 RPD: 17	LCS	98%
Zinc	µg/L	1	AN318	<1.0	55634A-1	2.6 2.5 RPD: 4	LCS	91%

QUALITY CONTROL Mercury Cold Vapor/Hg Analyser	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				08/10/07	55634A-1	8/10/2007 8/10/2007	55634A-2	08/10/07%
Date Analysed				08/10/07	55634A-1	8/10/2007 8/10/2007	55634A-2	08/10/07%
Mercury (Dissolved)	µg/L	0.5	SEM-005	<0.50	55634A-1	<0.50 <0.50	55634A-2	117%

Result Codes

[INS]	: Insufficient Sample for this test	[HBG]	: Results not Reported due to High Background Interference
[NR]	: Not Requested	*	: Not part of NATA Accreditation
[NT]	: Not tested	[N/A]	: Not Applicable

Result Comments

VOC's, PAHs, Pesticides, PCBs and TRH in Water were analysed by SGS Perth, Report No 13675.

Date Organics extraction commenced: 09/10/07

NATA Corporate Accreditation No. 2562, Site No 4354

Note: Test results are not corrected for recovery (excluding Dioxins/Furans* and PAH in XAD and PUF).

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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Quality Control Protocol

Reagent Blank: Sample free reagents carried through the preparation/extraction/digestion procedure and analysed at the beginning of every sample batch analysis. For larger projects, a reagent blank is prepared and analysed with every 20 samples.

Duplicate: A separate portion of a sample being analysed which is treated the same as the other samples in the batch.

A duplicate is prepared at least every 10 samples.

Matrix Spike Duplicates: Sample replicates spiked with identical concentrations of target analyte(s). The spiking occurs during the sample preparation and prior to the extraction/digestion procedure. They are used to document the precision and bias of a method in a given sample matrix. Where there is not enough sample available to prepare a spiked sample, another known soil/sand or water (or Milli-Q water) may be used. A duplicate spiked sample is prepared at least every 20 samples.

Surrogate Spike: Added to all samples requiring analysis for organics (where relevant) prior to extraction. Used to determine the extraction efficiency. They are organic compounds which are similar to the target analyte(s) in chemical composition and behaviour in the analytical process, but which are not normally found in environmental samples.

Internal Standard: Added to all samples requiring analysis for organics (where relevant) after the extraction process; the compounds serve to give a standard of retention time and response, which is invariant from run-to-run with the instruments.

Control Standards: Prepared from a source independent of the calibration standards. At least one control standard is included in each run to confirm calibration validity.

Additional QC Samples: A calibration standard and blank are run after every 20 samples of an instrumental analysis run to assess analytical drift.

Chain of Custody

Laboratory Quotation / Order No:

Job No: 02021M7

Sheet 1 of 3

No: 27439

Dispatch to:
(Address &
Phone No.)
SSS

Sampled by: DH

Consigning Officer: SD

Date Dispatched: 4/10

Attention:

Project Manager:
(report results to) SD

Courier Service: 4M3

Consignment Note No:

Relinquished by:

Date: 4/10

Time:

Received by:

Date:

Time:

Comments	Sample Matrix	Container Type and Preservative	Sample No.	Date Sampled	Analyses Required						Received	By	Time	Sample Condition on Receipt
					PAHs	TPHs	MAHs = BTEX	Metals:	VOC	SVOC				
			1 MW2	3/10	/	/	/	/	/	/	5/10/07	Angela	9:00	Sample
			2 MW3		/	/	/	/	/	/				
			3 MW4		/	/	/	/	/	/				
			4 MW1		/	/	/	/	/	/				
			5 MW4		/	/	/	/	/	/				
			6 MW7		/	/	/	/	/	/				
			7 MW5		/	/	/	/	/	/				
			8 S397		/	/	/	/	/	/				
			9 MW8C1		/	/	/	/	/	/				
			10 MW8C2		/	/	/	/	/	/				
			11 H426 0.004/10/01		/	/	/	/	/	/				
			12 DUP26		/	/	/	/	/	/				
			13 H426 0.4-0.5		/	/	/	/	/	/				
			14 H427 0.0-0.1		/	/	/	/	/	/				
			15 0.4-0.5		/	/	/	/	/	/				
			16 H428 0.0-0.1		/	/	/	/	/	/				
			17 0.4-0.5		/	/	/	/	/	/				

Special Laboratory Instructions:

PAT in SVOC to 0.01 ug/L remainder to Angell 95%.

PAT to 0.01 ug/L.

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES

Copies: WHITE: Sign on release. YELLOW: If dispatched to Interstate Lab, Lab to sign on receipt and fax back to Coffey. BLUE: To be returned with results.

Coffey

Chain of Custody

Laboratory Quotation / Order No:

Job No: 07021114

Sheet 2 of 3

No: 27440

Dispatch to:
(Address &
Phone No.)

SSS

Sampled by:

DI

Consigning Officer:

SD

Date Dispatched:

4/10

Attention:

Project Manager:
(report results to)

SD

Courier Service:

AME

Consignment Note No:

Relinquished by:

Date:

4/10

Time:

Received by:

Date:

Time:

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs
TPHs
MAHs = BTEX
Metals:

Analyses Required

Sample
Condition
on Receipt

Soil

4/10/07

HA22, 00-01

4/10/07

PAHs

TPHs

MAHs = BTEX

Metals:

Asbestos

8

Send to MGT for 8 metals analysis

HA32 00-01

04-05

HA31 00-01

04-05

HA32 00-01

04-05

HA33 00-01

04-05

HA34 00-01

04-05

HA35 00-01

04-05

HA36 00-01

04-05

HA37 00-01

04-05

Special Laboratory Instructions:

Detection Limits:

Turnaround Required:

Copies: WHITE: Sign on release. YELLOW: If dispatched to Interstate Lab, Lab to sign on receipt and fax back to Coffey. BLUE: To be returned with results.

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES



No: 27441

Chain of Custody

Laboratory Quotation / Order No:

Job No: 02021773 Sheet 3 of 3

Dispatch to:
(Address &
Phone No.)

SSS

Sampled by: Dik

Consigning Officer: SD

Date Dispatched: 4/10

Attention:

Project Manager:
(report results to) SD

Courier Service: AVE

Consignment Note No:

Requisitioned by:

Date: 4/10

Time:

Received by:

Date:

Time:

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals:

Analyses Required

Sample
Condition
on Receipt

Special Laboratory Instructions:

8 metals = As, Cd, Cr, Cu, Pb, Hg, Ni, Zn for all the batches as standard.

Detection Limits:

Turnaround Required:

Copies: WHITE: Sign on release.

YELLOW: If dispatched to intermediate Lab, Lab to sign on receipt and fax back to Coffey.

BLUE: To be returned with results.

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES



AU.SampleReceipt.Sydney (Sydney)

From: Strider Duerinckx [Strider_Duerinckx@coffey.com]
Sent: Friday, 5 October 2007 10:02 AM
To: Stenta, Alexandra (Sydney)
Subject: Completed chain of custody for samples being received this morning.
Attachments: 1545_0001.pdf

Alexandra, this is our last batch for this phase of works in the project.

Thankyou

STRIDER DUERINCKX

Senior Engineering Geologist

Coffey Geotechnics Pty Ltd

Street: Unit 17 Carinya Road, Mount Penang Parklands Somersby NSW 2250 Australia

Postal: Unit 17 The Avenue, Mount Penang Parklands Somersby NSW 2250 Australia

T (+61) (2) 4340 1811 F (+61) (2) 4340 1411 M 0402 608 396

www.coffey.com

From: COFFEY GEOTECHNICS KARI [<mailto:corp.coffey.com.au>]

Sent: Friday, 5 October 2007 9:58 AM

To: Strider Duerinckx

Subject: scanned copier image[1]

<<1545_0001.pdf>>

Company Notice: To reflect our increasing global footprint, we no longer have .au on our web and email addresses.

Please update your databases, address books and bookmarks to:

www.coffey.com

firstname_lastname@coffey.com

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CILDISCL0004

Chain of Custody

W192

No: 27283

Laboratory Quotation / Order No:

Job No: 02821AA Sheet 1 of 1

Dispatch to:
(Address &
Phone No.)

SSS

Sampled by:

SD

Consigning Officer:

SD

Date Dispatched:

8/10/07

Attention:

Project Manager:
(report results to)

SD

Courier Service:

AAAS

Consignment Note No:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

8/10/07

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals:

Analyses Required

SCS

Received

Sample
Condition
on Receipt

By

Time

Samples intact

Ice/Booster Pack

Comments

SS634

SS634 - 4

-2
-3

Wet

Amber LC

MW1
MW3
MW9

8/10

1/1 PAHs PCB

Please note, the gas pump 9 batch SS634H, replacing ones broken in transit.

Samples for MW4, MW5 + MW7 not able to be collected.

Gas with insufficient volumes

Special Laboratory Instructions:

Pb low level

Detection Limits:

Turnaround Required:

Copies: WHITE: Sign on release. YELLOW: If dispatched to interstate Lab, Lab to sign on receipt and fax back to Coffey. BLUE: To be returned with results.

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES

Coffey

AU.SampleReceipt.Sydney (Sydney)

From: Strider Duerinckx [Strider_Duerinckx@coffey.com]
Sent: Monday, 8 October 2007 3:05 PM
To: Stenta, Alexandra (Sydney)
Subject: Additional water 1L samples
Importance: High

Alex, in batch 55634 we submitted samples MW1, MW2, MW3, MW4, MW5, MW7 and MW9. As previously discussed you required additional water volumes to meet the PQLs that I had requested. Today I resampled MW1, MW3 and MW9, but was unable to retrieve water from the remainder due to drying up of springs or lowering of watertables in monitoring wells.

Therefore for MW1, MW3 and MW9 I assume that we can basically undertake the analyses as requested (except PCB where PQLs cannot reasonably be met at this time). For the remainder of samples - MW2, MW4, MW5 and MW7 I believe I have two options:

1. Undertake only those analyses where sgs has enough water volumes to meet the PQLs requested; or
2. Undertake all analyses as requested but change the PQL so that all can be undertaken with volumes available.

I was wondering if it is still possible to undertake the analyses as per option 2?

Regards

STRIDER DUERINCKX

Senior Engineering Geologist

Coffey Geotechnics Pty Ltd

Street: Unit 17 Carinya Road, Mount Penang Parklands Somersby NSW 2250 Australia

Postal: Unit 17 The Avenue, Mount Penang Parklands Somersby NSW 2250 Australia

T (+61) (2) 4340 1811 F (+61) (2) 4340 1411 M 0402 608 396

www.coffey.com

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CILDISCL0004

8/10/2007

Sample Receipt Advice

Company name: Coffey Environments Pty Ltd NSW
Contact name: Strider Duerinckx
Client job number: 0202/AA
COC number: 27282, 29022, 27378
Turn around time: Five day
Date received: Sep 21, 2007
MGT lab reference: 214826

Sample information

- ☒ All samples have been received as described on the above COC.
- ☒ COC has been completed correctly.
- ☒ All samples were provided chilled.
- ☒ Appropriately preserved sample containers have been used.
- ☒ All samples were received in good condition.
- ☒ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

Contact notes

If you have any questions with respect to these samples please contact:

Onur Mehmet on the above number or by e.mail: mehmeto@mgtenv.com.au

Results & invoice will be delivered electronically via e.mail to Strider Duerinckx - Strider_Duerinckx@coffey.com.

mgt Sample Receipt

CERTIFICATE OF ANALYSIS

Coffey Environments Pty Ltd NSW
Level 1, 3 Rider Boulevard
Rhodes
New South Wales 2138
Site: 0202/AA

Report Number: 214826 Page 1 of 6
Order Number:
Date Received: Sep 21, 2007
Date Sampled: Sep 12, 2007
Date Reported: Sep 28, 2007
Contact: Strider Duerinckx

Methods

- USEPA 8270C Phenols
- USEPA 8270C Polycyclic Aromatic Hydrocarbons
- USEPA 8260B - MGT 350A Monocyclic Aromatic Hydrocarbons
- MGT100A-GC Total Recoverable Hydrocarbons
- USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury
- Method 102 - ANZECC - % Moisture

Comments

Notes

1. The results in this report supersede any previously corresponded results.
2. All Soil Results are reported on a dry basis.
3. Samples are analysed on an as received basis.

ABBREVIATIONS

mg/kg : milligrams per kilograms, mg/L : milligrams per litre, ppm : parts per million,
LOR : Limit of Reporting
RPD : Relative Percent Difference
CRM : Certified Reference Material
LCS : Laboratory Control Sample

Authorised

Report Number: 214826



Michael Wright
Laboratory Manager
NATA Signatory



Onur Mehmet
Client Manager
NATA Signatory



Orlando Sealzo
Chief Organic Chemist
NATA Signatory



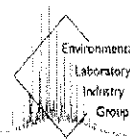
Tammy Lakeland
Chief Inorganic Chemist



WORLD RECOGNISED
ACCREDITATION

NATA Accredited
Laboratory Number 1261

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Member



Environmental Consulting Pty. Ltd.

3 Kingston Town Close, Oakleigh, Victoria 3166, Australia
Postal address: P. O. Box 276, Oakleigh, Victoria 3166, Australia
Telephone: (03) 9564 7055
Fax: (03) 9564 7190
Email: mgt@mgtenv.com.au

Coffey Environments Pty Ltd NSW		Client Sample ID		DUP 3	DUP 5	DUP 9
Level 1, 3 Rider Boulevard		Lab Number		07-So06268	07-So06269	07-So06270
Rhodes		Matrix		Soil	Soil	Soil
New South Wales 2138		Sample Date		Sep 12, 2007	Sep 12, 2007	Sep 12, 2007
Analysis Type		LOR	Units			
Total Recoverable Hydrocarbons						
TRH C6-C9 Fraction by GC		20	mg/kg	-	< 20	< 20
TRH C10-C14 Fraction by GC		50	mg/kg	-	< 50	< 50
TRH C15-C28 Fraction by GC		100	mg/kg	-	< 100	< 100
TRH C29-C36 Fraction by GC		100	mg/kg	-	< 100	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene		0.05	mg/kg	-	< 0.05	< 0.05
Toluene		0.05	mg/kg	-	< 0.05	< 0.05
Ethylbenzene		0.05	mg/kg	-	< 0.05	< 0.05
Xylenes(ortho meta and para)		0.05	mg/kg	-	< 0.1	< 0.05
Fluorobenzene (surr.)		1	%	-	85	80
Polycyclic Aromatic Hydrocarbons						
Acenaphthene		0.1	mg/kg	-	< 0.1	-
Acenaphthylene		0.1	mg/kg	-	< 0.1	-
Anthracene		0.1	mg/kg	-	< 0.1	-
Benz(a)anthracene		0.1	mg/kg	-	< 0.1	-
Benzo(a)pyrene		0.1	mg/kg	-	< 0.1	-
Benzo(b)fluoranthene		0.1	mg/kg	-	< 0.1	-
Benzo(g,h,i)perylene		0.1	mg/kg	-	< 0.1	-
Benzo(k)fluoranthene		0.1	mg/kg	-	< 0.1	-
Chrysene		0.1	mg/kg	-	< 0.1	-
Dibenz(a,h)anthracene		0.1	mg/kg	-	< 0.1	-
Fluoranthene		0.1	mg/kg	-	< 0.1	-
Fluorene		0.1	mg/kg	-	< 0.1	-
Indeno(1,2,3-cd)pyrene		0.1	mg/kg	-	< 0.1	-
Naphthalene		0.1	mg/kg	-	< 0.1	-
Phenanthrene		0.1	mg/kg	-	< 0.1	-
Pyrene		0.1	mg/kg	-	< 0.1	-
Total PAH		0.1	mg/kg	-	< 0.1	-
Chrysene-d12 (surr.)		1	%	-	119	-
2-Fluorobiphenyl (surr.)		1	%	-	96	-

COMMENTS:

3 Kingston Town Close, Oakleigh, Victoria 3166, Australia
 Postal address: P. O. Box 276, Oakleigh, Victoria 3166, Australia
 Telephone: (03) 9564 7055
 Fax: (03) 9564 7190
 Email: mgt@mgtenv.com.au

Client Sample ID		DUP 3	DUP 5	DUP 9
Lab Number		07-Se06268	07-Se06269	07-Se06270
Matrix		Soil	Soil	Soil
Sample Date		Sep 12, 2007	Sep 12, 2007	Sep 12, 2007
Analysis Type		Units		
Phenols				
2-Chlorophenol	0.1	-	< 0.1	-
2-Methylphenol (o-Cresol)	0.1	-	< 0.1	-
2-Nitrophenol	0.5	-	< 0.5	-
2,4-Dichlorophenol	0.1	-	< 0.1	-
2,4-Dimethylphenol	0.1	-	< 0.1	-
2,4,6-Trichlorophenol	0.1	-	< 0.1	-
2,6-Dichlorophenol	0.1	-	< 0.1	-
3,4-Methylphenol (m&p-Cresol)	0.2	-	< 0.2	-
4-Chloro-3-methylphenol	0.1	-	< 0.1	-
Pentachlorophenol	0.5	-	< 0.5	-
Phenol	0.1	-	< 0.1	-
Phenol-d6 (surr.)	1	-	83	-
% Moisture		13	26	17
Heavy Metals				
Arsenic	2	3.9	< 2	-
Cadmium	0.5	< 0.5	< 0.5	-
Chromium	5	< 5	< 5	-
Copper	5	< 5	5.4	-
Lead	5	< 5	< 5	-
Mercury	0.1	< 0.1	< 0.1	-
Nickel	5	< 5	< 5	-
Zinc	5	6.8	32	-

COMMENTS:

Coffey Environments Pty Ltd NSW Level 1, 3 Rider Boulevard Rhodes New South Wales 2138	Client Sample ID	RPD	DUP 3	Method blank
	Lab Number	BATCH	07-Sep06268	Batch
	QA Description		Spike % Recovery	
	Matrix	Soil	Soil	Soil
	Sample Date	Sep 12, 2007	Sep 12, 2007	Sep 12, 2007
	Units		% Recovery	mg/L
	Analysis Type			
	Heavy Metals			
	Arsenic	0.10	82	< 0.02
	Cadmium	< 1	83	< 0.02
	Chromium	19	75	< 0.05
	Copper	5.8	76	< 0.05
	Lead	20	79	< 0.05
	Mercury	< 1	91	< 0.005
	Nickel	< 1	86	< 0.05
	Zinc	16	82	< 0.05

COMMENTS:

Coiley Environments Pty Ltd NSW		Client Sample ID	RPD	DUP 5	Method blank
Level 1, 3 Rider Boulevard Rhodes		Lab Number	BATCH	07-So06269	Batch
New South Wales 2138		QA Description		Spike % Recovery	
		Matrix	Soil	Soil	Soil
		Sample Date	Sep 12, 2007	Sep 12, 2007	Sep 12, 2007
Analysis Type		Units		% Recovery	mg/L
Total Recoverable Hydrocarbons					
TRH C6-C9 Fraction by GC			<1	-	< 0.02
TRH C10-C14 Fraction by GC			<1	112	< 0.05
TRH C15-C28 Fraction by GC			<1	-	< 0.1
TRH C29-C36 Fraction by GC			<1	-	< 0.1
Monocyclic Aromatic Hydrocarbons					
Benzene			<1	83	< 0.005
Toluene			<1	89	< 0.005
Ethylbenzene			<1	78	< 0.005
Xylenes (ortho, meta and para)			<1	91	< 0.005
Fluorobenzene (surr.)			-	90	120
Polycyclic Aromatic Hydrocarbons					
Acenaphthene			<1	106	< 0.001
Acenaphthylene			<1	112	< 0.001
Anthracene			<1	90	< 0.001
Benz(a)anthracene			<1	101	< 0.001
Benzo(a)pyrene			<1	98	< 0.001
Benzo(b)fluoranthene			<1	100	< 0.001
Benzo(g,h,i)perylene			<1	90	< 0.001
Benzo(k)fluoranthene			<1	102	< 0.001
Chrysene			<1	103	< 0.001
Dibenz(a,h)anthracene			<1	100	< 0.001
Fluoranthene			<1	96	< 0.001
Fluorene			2.1	99	< 0.001
Indeno(1,2,3-cd)pyrene			<1	90	< 0.001
Naphthalene			<1	105	< 0.001
Phenanthrene			1.3	111	< 0.001
Pyrene			<1	96	< 0.001
Total PAH			<1	-	< 0.001

COMMENTS:

Coffey Environments Pty Ltd NSW Level 1, 3 Rider Boulevard Rhodes New South Wales 2138		Client Sample Lab Number	RPD BATCH	DUP 5 07-Se06269	Method blank Batch
		QA Description		Spike % Recovery	
		Matrix	Soil	Soil	Soil
		Sample Date	Sep 12, 2007	Sep 12, 2007	Sep 12, 2007
Analysis Type		Units		% Recovery	mg/L
Polycyclic Aromatic Hydrocarbons					
Chrysene-d12 (surr.)		-		104	105
2-Fluorobiphenyl (surr.)		-		106	115
Phenols					
2-Chlorophenol		< 1		105	< 0.01
2-Methylphenol (o-Cresol)		< 1		108	< 0.01
2-Nitrophenol		< 1		-	< 0.05
2,4-Dichlorophenol		< 1		97	< 0.01
2,4-Dimethylphenol		< 1		107	< 0.01
2,4,6-Trichlorophenol		< 1		103	< 0.01
2,6-Dichlorophenol		< 1		107	< 0.01
3&4-Methylphenol (m&p-Cresol)		< 1		103	< 0.02
4-Chloro-3-methylphenol		< 1		106	< 0.01
Pentachlorophenol		< 1		-	< 0.1
Phenol		< 1		107	< 0.01
Phenol-d6 (surr.)		-		102	111

COMMENTS:

Chain of Custody

Dispatch to:
(Address &
Phone No)

SSS

Attention:

Laboratory Citation / Order No: SSS

Job No:

02021111

No: 27282

Sheet

2 of 6

Requisitioned By:

Project Manager:
(report results to)

SD

Consigning Officer:

SD

Date Dispatched:

TNT

Quarter Service:

TNT

Date: 17/1/07 Time: 17/1/07

Received by:

Consignment Note No: 214822

Date: 21/1/07

Time: 11:47

Comments:

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Analysis Required

Sample
Condition
on Receipt

Special Laboratory Instructions:

* Metals = As, Cd, Cr, Cu, Pb, Hg, Ni, Zn

Detection Limits:

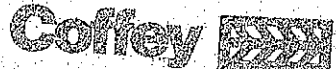
Copies: WHITE: Signed release.

YELLOW: If dispatched to reference Lab, Lab to sign on receipt and fax back to Coffey

Turnaround Required:

BLUE: To be returned with results.

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES



Disposit to:
(Address &
Phone No.)

845

Attention:

Relinquished by:

Laboratory Quotation/Order No.

Sampled by: S. Smith

Project Manager
(your initials)

S. Smith

Job No 0202147

No: 29022
Sheet 5 of 6

Consigning Officer

Date Dispatched:

Counter Service

Consignment Note No.

Date:

Time:

Received by:

21/9/97

Date:

Time:

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs/Phenols total

TPHs

MAHs = 6TEX

Metals: X

Analyses Required

Sample
Condition
on Receipt

Special Laboratory Instructions:

* Metals = As, Cd, Cr, Cu, Pb, Ni, Zn

0.5-0.8

Forward to MET for TPH/6TEX/PAH/total lead/8 metals

Detection Limits:

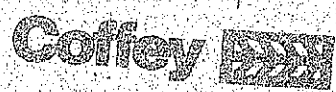
Copies: WHITE: Sign on release

YELLOW: if dispatched to Interstate Lab, Lab to sign on receipt and fax back to Coffey

Turnaround Required

BLUE: To be returned with results

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES



Chain of Custody

No: 27378

Laboratory Quotation / Order No: 5000

Job No: 00000000000000000000

Sheet 6 of 6

Dispatch to:
(Address & Phone No.)

SGS

Sampled by:

Don & Heather

Consigning Officer: Don & Heather

Date Dispatched: 4

Project Manager: (input results to)

SGS

Consignment Note No:

Attention:

Sample Concept

Project Manager:

SGS

Courier Service:

Consignment Note No:

Relinquished by:

Date: 1/14

Time: 11:4

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Comments:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

Analyses Required

PAHs / Total Phthalates

TPHs

MAHs = BTEX

Metals: *

VOC

SVOC

Asbestos

Sample Condition on Receipt

Comments:

Special Laboratory Instructions: * Metals = As, Cd, Cr, Cu, Pb, Hg, Ni, Zn

Detection Limits:

Turnaround Required:

Colors: WHITE: Sign on release. YELLOW: If separated to Interstate Lab, led to sign on receipt and fax back to Coffey. BLUE: To be returned with results.

JOB NUMBER MUST BE REFERENCED ON ALL SUBSEQUENT PAGES

Coffey



Sample Receipt Advice

Company name: Coffey Environments Pty Ltd NSW
Contact name: Strider Duerinckx
Client job number: 02021AA
COC number: 29026, 29036
Turn around time: Five day
Date received: Sep 24, 2007
MGT lab reference: 214916

Sample information

- ☒ All samples have been received as described on the above COC.
- ☒ COC has been completed correctly.
- ☒ All samples were provided chilled.
- ☒ Appropriately preserved sample containers have been used.
- ☒ All samples were received in good condition.
- ☒ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

Contact notes

If you have any questions with respect to these samples please contact:

Onur Mehmet on the above number or by e.mail: mehmeto@mgtenv.com.au

Results & invoice will be delivered electronically via e.mail to Strider Duerinckx - Strider_Duerinckx@coffey.com.

mgt Sample Receipt



Environmental Consulting Pty. Ltd.

3 Kingston Town Close, Oakleigh, Victoria 3166, Australia
Postal address: P. O. Box 276, Oakleigh, Victoria 3166, Australia
Telephone: (03) 9564 7055
Fax: (03) 9564 7190
Email: mgt@mgtenv.com.au

CERTIFICATE OF ANALYSIS

Coffey Environments Pty Ltd NSW
Level 1, 3 Rider Boulevard
Rhodes
New South Wales 2138
Site: 02021AA

Report Number: 214916 Page 1 of 10
Order Number:
Date Received: Sep 24, 2007
Date Sampled: Sep 18, 2007
Date Reported: Oct 1, 2007
Contact: Strider Duerinckx

Methods

- USEPA 8270C Phenols
- USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury
- USEPA 8141A Organophosphorus Pesticides
- USEPA 8081A Organochlorine Pesticides
- USEPA 8270C Polycyclic Aromatic Hydrocarbons
- USEPA 8260B - MGT 350A Monocyclic Aromatic Hydrocarbons
- MGT100A-GC Total Recoverable Hydrocarbons
- USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury
- USEPA 9010B Cyanide
- Method 102 - ANZECC - % Moisture

Comments

Notes

1. The results in this report supersede any previously corresponded results.
2. All Soil Results are reported on a dry basis.
3. Samples are analysed on an as received basis.

ABBREVIATIONS

mg/kg : milligrams per kilograms, mg/L : milligrams per litre, ppm : parts per million,
LOR : Limit of Reporting
RPD : Relative Percent Difference
CRM : Certified Reference Material
LCS : Laboratory Control Sample

Authorised

Report Number: 214916

Michael Wright
Laboratory Manager
NATA Signatory

Onur Mehmet
Client Manager
NATA Signatory

Orlando Scalzo
Chief Organic Chemist
NATA Signatory

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Chief Inorganic Chemist



WORLD RECOGNISED
ACCREDITATION

NATA Accredited
Laboratory Number 1261

The tests, calibrations or measurements covered by this document have been performed in accordance with NATA requirements which include the requirements of ISO/IEC 17025 and are traceable to national standards of measurement. This document shall not be reproduced, except in full.



Member



Environmental Consulting Pty. Ltd.

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Coffey Environments Pty Ltd NSW		Client Sample ID	DUP 14	DUP 19	DUP 21	DUP 25
Level 1, 3 Rider Boulevard		Lab Number	07-Se06835	07-Se06836	07-Se06837	07-Se06838
Rhodes		Matrix	Soil	Soil	Soil	Soil
New South Wales 2138		Sample Date	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007
Analysis Type		LOR				
Total Recoverable Hydrocarbons		Units				
TRH C6-C9 Fraction by GC		mg/kg	-	-	-	< 20
TRH C10-C14 Fraction by GC		mg/kg	-	-	-	< 50
TRH C15-C28 Fraction by GC		mg/kg	-	-	-	< 100
TRH C29-C36 Fraction by GC		mg/kg	-	-	-	< 100
Monocyclic Aromatic Hydrocarbons						
Benzene		mg/kg	-	-	-	< 0.05
Toluene		mg/kg	-	-	-	< 0.05
Ethylbenzene		mg/kg	-	-	-	< 0.05
Xylenes(ortho,meta and para)		mg/kg	-	-	-	< 0.05
Fluorobenzene (surr.)		%	-	-	-	88
Polycyclic Aromatic Hydrocarbons						
Acenaphthene		mg/kg	-	-	-	< 0.1
Acenaphthylene		mg/kg	-	-	-	< 0.1
Anthracene		mg/kg	-	-	-	< 0.1
Benz(a)anthracene		mg/kg	-	-	-	< 0.1
Benzo(a)pyrene		mg/kg	-	-	-	< 0.1
Benzo(b)fluoranthene		mg/kg	-	-	-	< 0.1
Benzo(g,h,i)perylene		mg/kg	-	-	-	< 0.1
Benzo(k)fluoranthene		mg/kg	-	-	-	< 0.1
Chrysene		mg/kg	-	-	-	< 0.1
Dibenz(a,h)anthracene		mg/kg	-	-	-	< 0.1
Fluoranthene		mg/kg	-	-	-	< 0.1
Fluorene		mg/kg	-	-	-	< 0.1
Indeno(1,2,3-cd)pyrene		mg/kg	-	-	-	< 0.1
Naphthalene		mg/kg	-	-	-	< 0.1
Phenanthrene		mg/kg	-	-	-	< 0.1
Pyrene		mg/kg	-	-	-	< 0.1
Total PAH		mg/kg	-	-	-	< 0.1
Chrysene-d12 (surr.)		%	-	-	-	84
2-Fluorodiphenyl (surr.)		%	-	-	-	106

COMMENTS:

Coffey Environments Pty Ltd NSW		Client Sample ID	DUP 14	DUP 19	DUP 21	DUP 25
Level 1, 3 Rider Boulevard		Lab Number	07-Se06835	07-Se06836	07-Se06837	07-Se06838
Rhodes		Matrix	Soil	Soil	Soil	Soil
New South Wales 2138		Sample Date	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007
Analysis Type	Units	LOR				
Organochlorine Pesticides						
4,4'-DDD	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
4,4'-DDE	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
4,4'-DDT	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
a-BHC	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Aldrin	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
b-BHC	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Chlordane	mg/kg	0.1	< 0.1	< 0.1	< 0.1	-
d-BHC	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Dieldrin	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Endosulfan I	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Endosulfan II	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Endosulfan sulphate	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Endrin	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Endrin aldehyde	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Endrin ketone	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
g-BHC (Lindane)	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Heptachlor	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Heptachlor epoxide	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Hexachlorobenzene	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Methoxychlor	mg/kg	0.05	< 0.05	< 0.05	< 0.05	-
Toxophene	mg/kg	0.1	< 0.1	< 0.1	< 0.1	-
Dibutylchlorodate (surr.)	%	1	55	79	108	-
Tetrachloro-m-xylene (surr.)	%	1	51	70	93	-
Organophosphorous Pesticides						
Bolstar	mg/kg	0.2	< 1	< 0.2	< 0.2	-
Chlorpyrifos	mg/kg	0.2	< 1	< 0.2	< 0.2	-
Coumaphos	mg/kg	0.2	< 1	< 0.2	< 0.2	-
Demeton-O	mg/kg	0.2	< 1	< 0.2	< 0.2	-

COMMENTS:

Coffey Environments Pty Ltd NSW		Client Sample ID	DUP 14	DUP 19	DUP 21	DUP 25
Level 1, 3 Rider Boulevard		Lab Number	07-Se06835	07-Se06836	07-Se06837	07-Se06838
Rhodes		Matrix	Soil	Soil	Soil	Soil
New South Wales 2138		Sample Date	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007
Analysis Type	LOR	Units				
Diazinon	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Methyl azinphos	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Naled	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Phorate	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	< 1	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	74	97	94	-
Phenols						
2-Chlorophenol	0.1	mg/kg	-	-	-	< 0.1
2-Methylphenol (o-Cresol)	0.1	mg/kg	-	-	-	< 0.1
2-Nitrophenol	0.5	mg/kg	-	-	-	< 0.5
2,4-Dichlorophenol	0.1	mg/kg	-	-	-	< 0.1
2,4-Dimethylphenol	0.1	mg/kg	-	-	-	< 0.1
2,4,6-Trichlorophenol	0.1	mg/kg	-	-	-	< 0.1
2,6-Dichlorophenol	0.1	mg/kg	-	-	-	< 0.1
3&4-Methylphenol (m&p-Cresol)	0.2	mg/kg	-	-	-	< 0.2
4-Chloro-3-methylphenol	0.1	mg/kg	-	-	-	< 0.1
Pentachlorophenol	0.5	mg/kg	-	-	-	< 0.5

COMMENTS:

Coffey Environments Pty Ltd NSW		Client Sample ID	DUP 14	DUP 19	DUP 21	DUP 25
Level 1, 3 Rider Boulevard		Lab Number	07-Se06835	07-Se06836	07-Se06837	07-Se06838
Rhodes		Matrix	Soil	Soil	Soil	Soil
New South Wales 2138		Sample Date	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007
Analysis Type		LOR	Units			
Phenol		0.1	mg/kg	-	-	< 0.1
Phenol-d6 (surr.)		1	%	-	-	51
% Moisture		0.1	%	4.9	10	14
Cyanide (total)		5	mg/kg	< 5		
Heavy Metals (7)						
Arsenic		2	mg/kg	< 2	6.6	< 2
Cadmium		0.5	mg/kg	< 0.5	< 0.5	< 0.5
Chromium		5	mg/kg	< 5	< 5	< 5
Copper		5	mg/kg	14	16	< 5
Lead		5	mg/kg	54	12	< 5
Nickel		5	mg/kg	17	< 5	< 5
Zinc		5	mg/kg	52	31	11
Heavy Metals						
Mercury		0.1	mg/kg	< 0.1	< 0.1	< 0.1

COMMENTS:

Coffey Environments Pty Ltd NSW		Client Sample ID	RPD	DUP 14	Method blank
Level 1, 3 Rider Boulevard Rhodes New South Wales 2138		Lab Number	BATCH	07-Seq06835	Batch
		QA Description		Spike % Recovery	
		Matrix	Soil	Soil	Soil
		Sample Date	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007
Analysis Type		Units	% Recovery	mg/L	
Cyanide (total)			< 1	120	< 0.5
Organochlorine Pesticides					
4,4'-DDD			< 1	92	< 0.005
4,4'-DDE			< 1	87	< 0.005
4,4'-DDT			< 1	90	< 0.005
a-BHC			< 1	95	< 0.005
Aldrin			< 1	95	< 0.005
b-BHC			< 1	113	< 0.005
Chlordane			< 1	81	< 0.01
d-BHC			< 1	90	< 0.005
Dieldrin			< 1	89	< 0.005
Endosulfan I			< 1	95	< 0.005
Endosulfan II			< 1	92	< 0.005
Endosulfan sulphate			< 1	94	< 0.005
Endrin			< 1	90	< 0.005
Endrin aldehyde			< 1	91	< 0.005
Endrin ketone			< 1	92	< 0.005
g-BHC (Lindane)			< 1	93	< 0.005
Heptachlor			< 1	99	< 0.005
Heptachlor epoxide			< 1	98	< 0.005
Hexachlorobenzene			< 1	89	< 0.005
Methoxychlor			< 1	88	< 0.005
Toxophene			< 1	79	< 0.01
Dibutylchloride (surr.)			-	87	135
Tetrachloro-m-xylene (surr.)			-	85	117
Organophosphorous Pesticides					
Bolstar			< 1	-	< 0.002
Chlorpyrifos			< 1	-	< 0.002
Coumaphos			< 1	110	< 0.002

COMMENTS:

Coffey Environments Pty Ltd NSW Level 1, 3 Rider Boulevard Rhodes New South Wales 2138		Client Sample Lab Number	RPD BATCH	DUP-14 07-Se06835	Method blank Batch
		QA Description		Spike % Recovery	
		Matrix	Soil	Soil	Soil
		Sample Date	Sep 18, 2007	% Recovery	Sep 18, 2007
		Units			mg/L
Analysis Type					
Organophosphorous Pesticides					
Demeton-O			< 1	-	< 0.002
Diazinon			< 1	100	< 0.002
Dichlorvos			< 1	-	< 0.002
Disulfoton			< 1	-	< 0.002
Ethion			< 1	100	< 0.002
Ethoprop			< 1	-	< 0.002
Fenitrothion			< 1	100	< 0.002
Fensulfathion			< 1	100	< 0.002
Fenthion			< 1	-	< 0.002
Merphos			< 1	-	< 0.002
Methyl azinphos			< 1	-	< 0.002
Methyl parathion			< 1	98	< 0.002
Mevinphos			< 1	107	< 0.002
Naled			< 1	-	< 0.002
Phorate			< 1	-	< 0.002
Ronnol			< 1	-	< 0.002
Tokuthion			< 1	-	< 0.002
Trichloronate			< 1	-	< 0.002
Triphenylphosphate (surr.)			-	81	88
Heavy Metals (7)					
Arsenic			19	81	< 0.02
Cadmium			< 1	90	< 0.02
Chromium			11	93	< 0.05
Copper			< 1	75	< 0.05
Lead			< 1	90	< 0.05
Nickel			0.40	84	< 0.05
Zinc			6.7	84	< 0.05
Heavy Metals					

COMMENTS:

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 Fax: (03) 9564 7190
 Email: mgt@mgtenv.com.au

Coffey Environments Pty Ltd NSW
 Level 1, 3 Rider Boulevard
 Rhodes
 New South Wales 2138

Client Sample	RPD	DUP 14	Method blank
Lab Number	BATCH	07-Se06835	Batch
QA		Spike %	
Description		Recovery	
Matrix	Soil	Soil	Soil
Sample Date	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007
Units		% Recovery	mg/L
Analysis Type:			
Heavy Metals			
Mercury	< 1	81	< 0.005

COMMENTS:

Coffey Environments Pty Ltd NSW		Client Sample ID	RPD	DUP 25	Method blank
Level 1, 3 Rider Boulevard		Lab Number	BATCH	07 Sep 06838	Batch
Rhodes		QA Description		Spike % Recovery	
New South Wales 2138		Matrix	Soil	Soil	Soil
Analysis Type		Sample Date	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007
Total Recoverable Hydrocarbons		Units		% Recovery	mg/L
TRH C6-C9 Fraction by GC			< 1	-	< 0.02
TRH C10-C14 Fraction by GC			6.6	83	< 0.05
TRH C15-C28 Fraction by GC			8.9	-	< 0.1
TRH C29-C36 Fraction by GC			15	-	< 0.1
Monocyclic Aromatic Hydrocarbons					
Benzene			< 1	80	< 0.005
Toluene			< 1	80	< 0.005
Ethylbenzene			< 1	81	< 0.005
Xylenes(ortho,meta and para)			< 1	85	< 0.005
Fluorobenzene (surr.)			-	105	115
Polycyclic Aromatic Hydrocarbons					
Acenaphthene			< 1	98	< 0.001
Acenaphthylene			< 1	90	< 0.001
Anthracene			< 1	100	< 0.001
Benz(a)anthracene			< 1	114	< 0.001
Benzo(a)pyrene			< 1	105	< 0.001
Benzo(b)fluoranthene			< 1	89	< 0.001
Benzo(g,h,i)perylene			< 1	70	< 0.001
Benzo(k)fluoranthene			< 1	92	< 0.001
Chrysene			< 1	127	< 0.001
Dibenz(a,h)anthracene			< 1	77	< 0.001
Fluoranthene			< 1	102	< 0.001
Fluorene			< 1	98	< 0.001
Indeno(1,2,3-cd)pyrene			< 1	76	< 0.001
Naphthalene			< 1	80	< 0.001
Phenanthrene			< 1	102	< 0.001
Pyrene			< 1	102	< 0.001
Total PAH			< 1	-	< 0.001

COMMENTS:

Coffey Environments Pty Ltd NSW Level 1, 3 Rider Boulevard Rhodes New South Wales 2138		Client Sample Lab Number	RPD BATCH	DUP 25 07-Sep06838	Method blank Batch
		QA Description		Spike % Recovery	
		Matrix	Soil	Soil	Soil
		Sample Date	Sep 18, 2007	Sep 18, 2007	Sep 18, 2007
Analysis Type:		Units		% Recovery	mg/L
Polycyclic Aromatic Hydrocarbons					
Chrysene-d12 (surr.)			-	106	76
2-Fluorobiphenyl (surr.)			-	104	108
Phenols					
2-Chlorophenol			< 1	101	< 0.01
2-Methylphenol (o-Cresol)			< 1	106	< 0.01
2-Nitrophenol			< 1	-	< 0.05
2,4-Dichlorophenol			< 1	84	< 0.01
2,4-Dimethylphenol			< 1	99	< 0.01
2,4,6-Trichlorophenol			< 1	77	< 0.01
2,6-Dichlorophenol			< 1	103	< 0.01
3&4-Methylphenol (m&p-Cresol)			< 1	110	< 0.02
4-Chloro-3-methylphenol			< 1	90	< 0.01
Pentachlorophenol			< 1	-	< 0.1
Phenol			< 1	110	< 0.01
Phenol-d6 (surr.)			-	115	86

COMMENTS:

Chain of Custody

Dispatch to: **SES**
(Address &
Phone No.)

Laboratory Citation / Order No.

Job No:

0202144

Sheet

2 of 12

No: 29026

Attention:

Project Manager:
(report results to)

SD

Courier Service:

MAE

Consignment Note No:

Relinquished by:

Date:

20/9

Time:

Received by:

Nyckel

214916

Date:

24/9

Time:

11.18

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals: *

acp/opp
Cyanide

Analysis Required

Sample
Condition
on Receipt

Special Laboratory Instructions:

* Metals = As, Cd, Cr, Cu, Pb, Hg, Ni, Zn

Detection Limits:

Turnaround Required

Copies: WHITE: Sign on release.

YELLOW: If dispatched to Interstate Lab, use to sign on receipt and box back to Coffey.

BLUE: To be retained with results.

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES



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Consigning Officer: SD
Date Dispatched: 2/1

Courier Service: **AAE**

Consignment Note No:

Coffey 

113

Sample
Condition
on Receipt

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COOL: WHITE SUE CRIMPER. YELLOW: *Scaphiopus olivaceus* (1914) from the same locality. The head of *S. olivaceus* is more rounded than that of *S. nelsoni*.

[illegible]

JOB NUMBER 000007 IN
REFERENCES ON A.C.
SUBSEQUENT PAGE 29

Sample Receipt Advice

Company name: Coffey Environments Pty Ltd NSW
Contact name: Strider Duerinckx
Client job number: GEOTKAR10201AA
COC number: 29040, 29043
Turn around time: Five day
Date received: Sep 27, 2007
MGT lab reference: 215112

Sample information

- ☒ All samples have been received as described on the above COC.
- ☒ COC has been completed correctly.
- ☒ All samples were provided chilled.
- ☒ Appropriately preserved sample containers have been used.
- ☒ All samples were received in good condition.
- ☒ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

Contact notes

If you have any questions with respect to these samples please contact:

Onur Mehmet on the above number or by e.mail: mehmeto@mgtenv.com.au

Results & invoice will be delivered electronically via e.mail to Strider Duerinckx - Strider_Duerinckx@coffey.com.

mgt Sample Receipt



CERTIFICATE OF ANALYSIS

Coffey Environments Pty Ltd NSW
Level 1, 3 Rider Boulevard
Rhodes
New South Wales 2138
Site: 0201AA

Report Number: 215112 Page 1 of 3
Order Number:
Date Received: Sep 26, 2007
Date Sampled: Sep 20, 2007
Date Reported: Oct 3, 2007
Contact: Strider Duerinckx

Methods

- USEPA 6010B Heavy Metals & USEPA 7470/71
Mercury
- Method 102 - ANZECC - % Moisture

Comments

Notes

1. The results in this report supersede any previously corresponded results.
2. All Soil Results are reported on a dry basis.
3. Samples are analysed on an as received basis.

ABBREVIATIONS

mg/kg : milligrams per kilograms, mg/L : milligrams per litre, ppm : parts per million,
LOR : Limit of Reporting
RPD : Relative Percent Difference
CRM : Certified Reference Material
LCS : Laboratory Control Sample

Authorised

Report Number: 215112

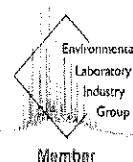
Michael Wright
Laboratory Manager
NATA Signatory

Onur Mehmet
Client Manager
NATA Signatory

Tammy Lakeland
Chief Inorganic Chemist



NATA Accredited
Laboratory Number 1261
The tests, calibrations or measurements covered by this document have been performed in accordance with NATA requirements which include the requirements of ISO/IEC 17025 and are traceable to national standards of measurement. This document shall not be reproduced, except in full.





Environmental Consulting Pty. Ltd.

3 Kingston Town Close, Oakleigh, Victoria 3166, Australia
Postal address: P. O. Box 276, Oakleigh, Victoria 3166, Australia
Telephone: (03) 9564 7055
Fax: (03) 9564 7190
Email: mgt@mgtenv.com.au

Client Sample ID		DUP32	DUP35	DUP36
Lab Number		07-Se08070	07-Se08071	07-Se08072
Matrix		Soil	Soil	Soil
Sample Date		Sep 20, 2007	Sep 20, 2007	Sep 20, 2007
Analysis Type		Units		
LOR				
% Moisture		0.1	8.8	9.6
Heavy Metals				
Arsenic		2	< 2	< 2
Cadmium		0.5	< 0.5	< 0.5
Chromium		5	< 5	< 5
Copper		5	8.3	< 5
Lead		5	5.2	< 5
Mercury		0.1	< 0.1	< 0.1
Nickel		5	6.7	< 5
Zinc		5	22	< 5

COMMENTS:

Coffey Environments Pty Ltd NSW Level 1, 3 Rider Boulevard Rhodes New South Wales 2138	Client Sample ID	RPD	DIUP32	Method blank
	Lab Number	BATCH	07-Se08070	Batch
	QA Description		Spike % Recovery	
	Matrix	Soil	Soil	Soil
	Sample Date	Sep 20, 2007	Sep 20, 2007	Sep 20, 2007
Analysis Type	Units		% Recovery	mg/L
Heavy Metals				
Arsenic		2.7	96	< 0.02
Cadmium		< 1	88	< 0.02
Chromium		5.9	89	< 0.05
Copper		2.9	111	< 0.05
Lead		8.7	110	< 0.05
Mercury		< 1	76	< 0.005
Nickel		19	79	< 0.05
Zinc		-	-	< 0.05

COMMENTS:

5061-63

W 128 47

No. 29043

Chain of Custody

Dispatch to:
(Address &
Phone No.)

SSS

Sample by:

DM

Laboratory Order / Order No.

Job No. 020247

Sheet 7 of 11

Attention:

Project Manager:
(report results to)

SA

Consigning Office

Date Dispatched

24/9

Courier Service

Free

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

24/9

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Quinn 215112

28/9/02

Comments:

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals:

SvOx/VOC

Asbestos

Oil/OPR

Cyanide

Analysis Required

Sample
Condition
on Receipt

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DUP 34

26/9

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DUP 35

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DUP 36

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DUP 37

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Special Laboratory Instructions:

8 Metals = As, Cd, Cr, Cu, Pb, Hg, Ni, Zn.

Retention Limits:

Turnaround Required:

COPIES: WHITE: Sign on release. YELLOW: If dispatched to Release Ltd. Lead to sign on receipt and fax back to Coffey. BLUE: To be returned with results

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES

10-155002

Coffey

No. 2245
Sheet 1 of 1

Date Dispatched 7 of 1912

Counter Service
Consignment No. 436

Date: _____ Time: _____

26/9/07

Sample
Condition
on Receipt

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES

Send to MGT for 8 metals Analysis

Coffey 

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Sample Receipt Advice

Company name: Coffey Environments Pty Ltd NSW
Contact name: Strider Duerinckx
Client job number: 2021AA
COC number: 29049, 27428, 27431
Turn around time: Five day
Date received: Oct 1, 2007
MGT lab reference: 215313

Sample information

- ☒ All samples have been received as described on the above COC.
- ☒ COC has been completed correctly.
- ☒ All samples were provided chilled.
- ☒ Appropriately preserved sample containers have been used.
- ☒ All samples were received in good condition.
- ☒ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

Contact notes

If you have any questions with respect to these samples please contact:

Onur Mehmet on the above number or by e.mail: mehmeto@mgtenv.com.au

Results & invoice will be delivered electronically via e.mail to Strider Duerinckx - Strider_Duerinckx@coffey.com.

mgt Sample Receipt



CERTIFICATE OF ANALYSIS

Coffey Environments Pty Ltd NSW
Level 1, 3 Rider Boulevard
Rhodes
New South Wales 2138
Site: 2021AA

Report Number: 215313 Page 1 of 9
Order Number:
Date Received: Oct 1, 2007
Date Sampled: Oct 1, 2007
Date Reported: Oct 9, 2007
Contact: Strider Duerinckx

Methods

- USEPA 6010B Heavy Metals & USEPA7470/71 Mercury
- USEPA 8141A Organophosphorus Pesticides
- USEPA 8081A Organochlorine Pesticides
- USEPA 8270C Polycyclic Aromatic Hydrocarbons
- USEPA 8260B - MGT 350A Monocyclic Aromatic Hydrocarbons
- MGT100A-GC Total Recoverable Hydrocarbons
- USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury
- Method 102 - ANZECC - % Moisture

Comments

Notes

1. The results in this report supersede any previously corresponded results.
2. All Soil Results are reported on a dry basis.
3. Samples are analysed on an as received basis.

ABBREVIATIONS

mg/kg : milligrams per kilograms, mg/L : milligrams per litre, ppm : parts per million,
LOR : Limit of Reporting
RPD : Relative Percent Difference
CRM : Certified Reference Material
LCS : Laboratory Control Sample

Authorised

Report Number: 215313

Michael Wright
Laboratory Manager
NATA Signatory

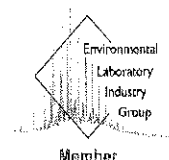
Onur Mehmet
Client Manager
NATA Signatory

Orlando Scalzo
Chief Organic Chemist
NATA Signatory

Tammy Lakeland
Chief Inorganic Chemist



NATA Accredited
Laboratory Number 1261
The tests, calibrations or measurements covered by this document have been performed in accordance with NATA requirements which include the requirements of ISO/IEC 17025 and are traceable to national standards of measurement. This document shall not be reproduced, except in full.





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Postal address: P. O. Box 276, Oakleigh, Victoria 3166, Australia
Telephone: (03) 9564 7055
Fax: (03) 9564 7190
Email: mgt@mgtenvy.com.au

Coffey Environments Pty Ltd NSW		Client Sample ID	DUP 48	DUP 51	DUP 54
Level 1, 3 Rider Boulevard		Lab Number	07-Oc00326	07-Oc00327	07-Oc00328
Rhodes		Matrix	Soil	Soil	Soil
New South Wales 2138		Sample Date	Oct 1, 2007	Oct 1, 2007	Oct 1, 2007
Analysis Type		LOR	Units		
Total Recoverable Hydrocarbons					
TRH C6-C9 Fraction by GC		20	< 20	-	< 20
TRH C10-C14 Fraction by GC		50	< 50	-	< 50
TRH C15-C28 Fraction by GC		100	< 100	-	< 100
TRH C29-C36 Fraction by GC		100	< 100	-	< 100
Monocyclic Aromatic Hydrocarbons					
Benzene		0.05	mg/kg	-	< 0.05
Toluene		0.05	mg/kg	-	< 0.05
Ethylbenzene		0.05	mg/kg	-	< 0.05
Xylenes(ortho meta and para)		0.05	mg/kg	-	< 0.05
Fluorobenzene (surr.)		1	%	-	< 0.05
Polycyclic Aromatic Hydrocarbons					56
Acenaphthene		0.1	mg/kg	< 0.1	-
Acenaphthylene		0.1	mg/kg	< 0.1	-
Anthracene		0.1	mg/kg	< 0.1	-
Benz(a)anthracene		0.1	mg/kg	< 0.1	-
Benzo(a)pyrene		0.1	mg/kg	< 0.1	-
Benzo(b)fluoranthene		0.1	mg/kg	< 0.1	-
Benzo(g,h,i)perylene		0.1	mg/kg	< 0.1	-
Benzo(k)fluoranthene		0.1	mg/kg	< 0.1	-
Chrysene		0.1	mg/kg	< 0.1	-
Dibenz(a,h)anthracene		0.1	mg/kg	< 0.1	-
Fluoranthene		0.1	mg/kg	< 0.1	-
Fluorene		0.1	mg/kg	< 0.1	-
Indeno(1,2,3-cd)pyrene		0.1	mg/kg	< 0.1	-
Naphthalene		0.1	mg/kg	< 0.1	-
Phenanthrene		0.1	mg/kg	< 0.1	-
Pyrene		0.1	mg/kg	< 0.1	-
Total PAH		0.1	mg/kg	< 0.1	-
Chrysene-d12 (surr.)		1	%	98	-
2-Fluorobiphenyl (surr.)		1	%	105	-

COMMENTS:

Coffey Environments Pty Ltd NSW		Client Sample ID	DUP 48	DUP 51	DUP 54
Level 1, 3 Rider Boulevard		Lab Number	07-Oc00326	07-Oc00327	07-Oc00328
Rhodes		Matrix	Soil	Soil	Soil
New South Wales 2138		Sample Date	Oct 1, 2007	Oct 1, 2007	Oct 1, 2007
Analysis Type	LOR	Units			
Organochlorine Pesticides					
4,4'-DDD	0.05	mg/kg	< 0.05	-	-
4,4'-DDE	0.05	mg/kg	< 0.05	-	-
4,4'-DDT	0.05	mg/kg	< 0.05	-	-
a-BHC	0.05	mg/kg	< 0.05	-	-
Aldrin	0.05	mg/kg	< 0.05	-	-
b-BHC	0.05	mg/kg	< 0.05	-	-
Chlordane	0.1	mg/kg	< 0.1	-	-
d-BHC	0.05	mg/kg	< 0.05	-	-
Dieldrin	0.05	mg/kg	< 0.05	-	-
Endosulfan I	0.05	mg/kg	< 0.05	-	-
Endosulfan II	0.05	mg/kg	< 0.05	-	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	-
Endrin	0.05	mg/kg	< 0.05	-	-
Endrin aldehyde	0.05	mg/kg	< 0.05	-	-
Endrin ketone	0.05	mg/kg	< 0.05	-	-
g-BHC (Lindane)	0.05	mg/kg	< 0.05	-	-
Heptachlor	0.05	mg/kg	< 0.05	-	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	-
Methoxychlor	0.1	mg/kg	< 0.1	-	-
Toxophene	1	%	106	-	-
Dibutylchloride (surr.)	1	%	105	-	-
Tetrachloro-m-xylene (surr.)	1	%	105	-	-
Organophosphorous Pesticides					
Bolstar	0.2	mg/kg	< 0.2	-	-
Chlorpyrifos	0.2	mg/kg	< 0.2	-	-
Coumaphos	0.2	mg/kg	< 0.2	-	-
Demeton-O	0.2	mg/kg	< 0.2	-	-

COMMENTS:

Coffey Environments Pty Ltd NSW				DUP 48	DUP 51	DUP 54
Level 1, 3 Rider Boulevard				07-Oct00326	07-Oct00327	07-Oct00328
Rhodes				Soil	Soil	Soil
New South Wales 2138				Oct 1, 2007	Oct 1, 2007	Oct 1, 2007
Analysis Type	Client Sample ID	Units	LOR			
Diazinon	0.2	mg/kg		< 0.2	-	-
Dichlorvos	0.2	mg/kg		< 0.2	-	-
Disulfoton	0.2	mg/kg		< 0.2	-	-
Ethion	0.2	mg/kg		< 0.2	-	-
Ethoprop	0.2	mg/kg		< 0.2	-	-
Fenitrothion	0.2	mg/kg		< 0.2	-	-
Fensulfothion	0.2	mg/kg		< 0.2	-	-
Fenthion	0.2	mg/kg		< 0.2	-	-
Merphos	0.2	mg/kg		< 0.2	-	-
Methyl azinphos	0.2	mg/kg		< 0.2	-	-
Methyl parathion	0.2	mg/kg		< 0.2	-	-
Mevinphos	0.2	mg/kg		< 0.2	-	-
Naled	0.2	mg/kg		< 0.2	-	-
Phorate	0.2	mg/kg		< 0.2	-	-
Ronnel	0.2	mg/kg		< 0.2	-	-
Tokuthion	0.2	mg/kg		< 0.2	-	-
Trichloronate	0.2	mg/kg		< 0.2	-	-
Triphenylphosphate (surr.)	1	%		87	-	-
% Moisture	0.1	%		12	17	12
Heavy Metals (7)						
Arsenic	2	mg/kg		< 2	5.4	4.7
Cadmium	0.5	mg/kg		< 0.5	< 0.5	< 0.5
Chromium	5	mg/kg		< 5	< 5	< 5
Copper	5	mg/kg		9.8	8.1	< 5
Lead	5	mg/kg		8.1	14	< 5
Nickel	5	mg/kg		< 5	5.4	< 5
Zinc	5	mg/kg		50	31	14
Heavy Metals						

COMMENTS:

Coffey Environments Pty Ltd NSW Level 1, 3 Rider Boulevard Rhodes New South Wales 2138	Client Sample ID		DUP 48	DUP 51	DUP 54
	Lab Number		07-Qc00326	07-Qc00327	07-Qc00328
	Matrix		Soil	Soil	Soil
	Sample Date		Oct 1, 2007	Oct 1, 2007	Oct 1, 2007
	LOR		Units		
Analysis Type	Mercury	0.1	mg/kg	< 0.1	< 0.1

COMMENTS:

Coffey Environmental Pty Ltd NSW		Client Sample ID	RPD	DUP 48	Method blank
Level 1, 3 Rider Boulevard		Lab Number	BATCH	07-Oct00326	Batch
Rhodes		QA Description		Spike % Recovery	
New South Wales 2138		Matrix	Soil	Soil	Soil
		Sample Date	Oct 1, 2007	Oct 1, 2007	Oct 1, 2007
Analysis Type		Units		% Recovery	mg/L
Polycyclic Aromatic Hydrocarbons					
Acenaphthene			< 1	110	< 0.001
Acenaphthylene			< 1	95	< 0.001
Anthracene			< 1	96	< 0.001
Benz(a)anthracene			< 1	114	< 0.001
Benzo(a)pyrene			< 1	85	< 0.001
Benzo(b)fluoranthene			< 1	100	< 0.001
Benzo(g,h,i)perylene			< 1	105	< 0.001
Benzo(k)fluoranthene			< 1	87	< 0.001
Chrysene			< 1	93	< 0.001
Dibenz(a,h)anthracene			< 1	103	< 0.001
Fluoranthene			< 1	101	< 0.001
Fluorene			< 1	105	< 0.001
Indeno(1,2,3-cd)pyrene			< 1	93	< 0.001
Naphthalene			< 1	107	< 0.001
Phenanthrene			< 1	95	< 0.001
Pyrene			< 1	89	< 0.001
Total PAH			-	-	< 0.001
Chrysene-d12 (surr.)			-	125	98
2-Fluorobiphenyl (surr.)			-	124	106
Organochlorine Pesticides					
4,4'-DDD			< 1	104	< 0.005
4,4'-DDE			< 1	110	< 0.005
4,4'-DDT			< 1	95	< 0.005
a-BHC			< 1	118	< 0.005
Aldrin			< 1	115	< 0.005
b-BHC			< 1	130	< 0.005
Chlordane			< 1	-	< 0.01
d-BHC			< 1	116	< 0.005

COMMENTS:

Coffey Environments Pty Ltd NSW Level 1, 3 Rider Boulevard Rhodes New South Wales 2138		Client Sample Lab Number	RPD BATCH	DUP 48 07-Oct00326	Method blank Batch
		QA Description		Spike % Recovery	
		Matrix	Soil	Soil	Soil
		Sample Date	Oct 1, 2007	Oct 1, 2007	Oct 1, 2007
Analysis Type		Units		% Recovery	mg/L
Organochlorine Pesticides					
Dieldrin			< 1	121	< 0.005
Endosulfan I			< 1	118	< 0.005
Endosulfan II			< 1	114	< 0.005
Endosulfan sulphate			< 1	118	< 0.005
Endrin			< 1	109	< 0.005
Endrin aldehyde			< 1	96	< 0.005
Endrin ketone			< 1	110	< 0.005
g-BHC (Lindane)			< 1	123	< 0.005
Heptachlor			< 1	113	< 0.005
Heptachlor epoxide			< 1	122	< 0.005
Hexachlorobenzene			< 1	118	< 0.005
Methoxychlor			< 1	120	< 0.005
Toxophene			< 1	-	< 0.01
Dibutylchloride (surr.)			-	66	110
Tetrachloro-m-xylene (surr.)			-	87	56
Organophosphorous Pesticides					
Bolstar			< 1	-	< 0.002
Chlorpyrifos			< 1	-	< 0.002
Coumaphos			< 1	85	< 0.002
Deme-on-O			< 1	-	< 0.002
Diazinon			< 1	113	< 0.002
Dichlorvos			< 1	-	< 0.002
Disulfoton			< 1	-	< 0.002
Ethion			< 1	110	< 0.002
Ethoprop			< 1	-	< 0.002
Fenitrothion			< 1	114	< 0.002
Fensulfathion			< 1	100	< 0.002
Fenthion			< 1	-	< 0.002

COMMENTS:

Coffey Environments Pty Ltd NSW Level 1, 3 Rider Boulevard Rhodes New South Wales 2138		Client Sample Lab Number	RPD BATCH	DUP 48 07-Oct00326	Method blank Batch
		QA Description		Spike % Recovery	
		Matrix	Soil	Soil	Soil
		Sample Date	Oct 1, 2007	Oct 1, 2007	Oct 1, 2007
Analysis Type		Units		% Recovery	mg/L
Organophosphorous Pesticides					
Merphos			< 1	-	< 0.002
Methyl azinphos			< 1	-	< 0.002
Methyl parathion			< 1	97	< 0.002
Mevinphos			< 1	103	< 0.002
Naled			< 1	-	< 0.002
Phorate			< 1	-	< 0.002
Ronnol			< 1	-	< 0.002
Tokuthion			< 1	-	< 0.002
Trichloronate			< 1	-	< 0.002
Triphenylphosphate (surr.)			-	81	70
Heavy Metals (7)					
Arsenic			18	78	< 0.02
Cadmium			< 1	82	< 0.02
Chromium			17	86	< 0.05
Copper			16	85	< 0.05
Lead			< 1	88	< 0.05
Nickel			-	-	< 0.05
Zinc			13	94	< 0.05

COMMENTS:

Coffey Environments Pty Ltd NSW		Client Sample ID	DUP 54	DUP 54	DUP 54	DUP 54	Method blank
Level 1, 3 Rider Boulevard Rhodes New South Wales 2138		Lab Number	07-Oc00328	07-Oc00328	07-Oc00328	07-Oc00328	Batch
		QA Description		Duplicate	Duplicate % RPD	Spike % Recovery	
		Matrix	Soil	Soil	Soil	Soil	Soil
		Sample Date	Oct 1, 2007	Oct 1, 2007	Oct 1, 2007	Oct 1, 2007	Oct 1, 2007
		Units			% RPD	% Recovery	mg/L
Analysis Type							
Total Recoverable Hydrocarbons			-	-	< 1	-	< 0.02
TRH C6-C9 Fraction by GC			< 50	< 50	< 1	90	< 0.05
TRH C10-C14 Fraction by GC			< 100	< 100	< 1	-	< 0.1
TRH C15-C28 Fraction by GC			< 100	< 100	< 1	-	< 0.1
Monocyclic Aromatic Hydrocarbons							
Benzene			-	-	< 1	91	< 0.005
Toluene			-	-	< 1	85	< 0.005
Ethylbenzene			-	-	< 1	92	< 0.005
Xylenes(ortho.meta and para)			-	-	< 1	89	< 0.005
Fluorobenzene (surr.)			-	-	-	78	71
Heavy Metals							
Mercury			< 0.1	< 0.1	< 1	104	< 0.005

COMMENTS:

Chain of Custody

Laboratory Quotation / Order No.

Job No. 02021114

No. 29049
Sheet 2 of 2

Dispatch to:
(Address &
Phone No.)

SSS

Sampled by: DM/JSN

Consigning Officer: CD

Date Dispatched

26/9/07

Attention:

Project Manager:
(report results to)

CD

Courier Service: MTE

Consignment Note No.

Relinquished by:

Date: 26/9 Time: 10:10 Received by:

Date: 26/9 Time: 10:10

215313

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs / Total PAHs

TPHs

MAHs = BTEX

Metals:

Analyses Required

Sample
Condition
on Receipt

Special Laboratory Instructions:

Detection Limits:

Turnaround Required:

Copies: WHITE: Sign on release. YELLOW: If dispatched to the state lab, lead to sign on receipt and fax back to Coffey. BLUE: To be returned with results.

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGE

Coffey

Chain of Custody

Laboratory Quotation / Order No.

Job No: 0202144

No: 27428

Sheet 3

Dispatch to:
(Address &
Phone No.)

SSS

Sampled by:

SD/DH

Consigning Officer: SD

Date Dispatched:

26/9/07

Attention:

Project Manager,
(report results to)

SD

Counter Service:

AMS

Consignment Note No:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

26/9/07

26/9/07

1/10

215313

Comments:

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

Analyses Required

Sample
Condition
on Receipt

Soil 4/11/07

33

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

36

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

37

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

38

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

39

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

40

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

41

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

42

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

43

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

44

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

45

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

46

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

47

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

48

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

49

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

50

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

51

MAH

0.0-0.1

26/9/07

PAHs

TPHs

MAHs = BTEX

Metals: ☒

Voc/Svoc

Asbestos

Special Laboratory Instructions:

* 8 metals = As, Cd, Cr, Cu, Pb, Hg, Ni, Zn

Detection Limits:

Tonnes Required:

Copies: WHITE: Sign on release. YELLOW: If dispatched to interstate Lab, Lab to sign on receipt and fax back to Coffey. BLUE: To be returned with results.

JOB NUMBER MUST
BE REFERENCED ON ALL
SUBSEQUENT PAGES

Coffey

Sample Receipt Advice

Company name: Coffey Environments Pty Ltd NSW
Contact name: Strider Duerinckx
Client job number: 02021AA
COC number: 27437
Turn around time: Five day
Date received: Oct 5, 2007
MGT lab reference: 215611

Sample information

- ☒ All samples have been received as described on the above COC.
- ☒ COC has been completed correctly.
- ☒ All samples were provided chilled.
- ☒ Appropriately preserved sample containers have been used.
- ☒ All samples were received in good condition.
- ☒ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

Contact notes

If you have any questions with respect to these samples please contact:

Onur Mehmet on the above number or by e.mail: mehmeto@mgtenv.com.au

Results will be delivered electronically via e.mail to Strider Duerinckx -
Strider_Duerinckx@coffey.com.

mgt Sample Receipt



Environmental Consulting Pty. Ltd.

3 Kingston Town Close, Oakleigh, Victoria 3166, Australia
Postal address: P. O. Box 276, Oakleigh, Victoria 3166, Australia
Telephone: (03) 9564 7055
Fax: (03) 9564 7190
Email: mgt@mgtenv.com.au

CERTIFICATE OF ANALYSIS

Coffey Environments Pty Ltd NSW
Level 1, 3 Rider Boulevard
Rhodes
New South Wales 2138
Site: 02021AA

Report Number: 215611 Page 1 of 3
Order Number:
Date Received: Oct 5, 2007
Date Sampled: Oct 5, 2007
Date Reported: Oct 15, 2007
Contact: Strider Duerinckx

Methods

- USEPA 6010B Heavy Metals & USEPA7470/71 Mercury
- USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury
- Method 102 - ANZECC - % Moisture

Comments

Notes

1. The results in this report supersede any previously corresponded results.
2. All Soil Results are reported on a dry basis.
3. Samples are analysed on an as received basis.

ABBREVIATIONS

mg/kg : milligrams per kilograms, mg/L : milligrams per litre, ppm : parts per million,
LOR : Limit of Reporting
RPD : Relative Percent Difference
CRM : Certified Reference Material
LCS : Laboratory Control Sample

Authorised

Report Number: 215611

Michael Wright
Laboratory Manager
NATA Signatory

Onur Mehmet
Client Manager
NATA Signatory

Orlando Scalzo
Chief Organic Chemist
NATA Signatory

Tammy Lakeland
Chief Inorganic Chemist



WORLD RECOGNISED
ACCREDITATION

NATA Accredited
Laboratory Number 1261

The tests, calibrations or measurements covered by this document have been performed in accordance with NATA requirements which include the requirements of ISO/IEC 17025 and are traceable to national standards of measurement. This document shall not be reproduced, except in full.



Member



Environmental Consulting Pty. Ltd.

3 Kingston Town Close, Oakleigh, Victoria 3166, Australia
Postal address: P. O. Box 276, Oakleigh, Victoria 3166, Australia
Telephone: (03) 9564 7055
Fax: (03) 9564 7190
Email: mgt@mgtenv.com.au

Coffey Environments Pty Ltd NSW		Client Sample ID	DUP 60
Level 1, 3 Rider Boulevard		Lab Number	07-Oct2191
Rhodes		Matrix	Soil
New South Wales 2138		Sample Date	Oct 5, 2007
Analysis Type	LOR	Units	
% Moisture	0.1	%	13
Heavy Metals (7)			
Arsenic	2	mg/kg	13
Cadmium	0.5	mg/kg	< 0.5
Chromium	5	mg/kg	17
Copper	5	mg/kg	7.1
Lead	5	mg/kg	7.6
Nickel	5	mg/kg	< 5
Zinc	5	mg/kg	< 5
Heavy Metals			
Mercury	0.1	mg/kg	< 0.1

COMMENTS:

Coffey Environmental Pty Ltd NSW Level 1, 3 Rider Boulevard Rhodes New South Wales 2138	Client Sample ID	RPD	DUP 60	Method blank
	Lab Number	BATCH	07-Oct2191	Batch
	QA Description		Spike % Recovery	
	Matrix	Soil	Soil	Soil
	Sample Date	Oct 5, 2007	Oct 5, 2007	Oct 5, 2007
	Units		% Recovery	mg/L
Analysis Type				
Heavy Metals (7)				
Arsenic		-	-	< 0.02
Cadmium		< 1	86	< 0.02
Chromium		5.8	86	< 0.05
Copper		8.4	80	< 0.05
Lead		< 1	81	< 0.05
Nickel		16	75	< 0.05
Zinc		17	-	< 0.05
Heavy Metals				
Mercury		< 1	95	< 0.005

COMMENTS:

Chain of Custody

Laboratory Order / Order No.

Job No:

No. 21431
Sheet 3 of 4

Dispatch to:
(Address &
Phone No.)

SSS

Sampled by: DMH

Consigning Officer: SD

Attention:

Project Manager:
(report results to) SD

Date Dispatched: 2/10/09
Courier Service: AA6
Consignment Note No:

Relinquished by:

Date: 2/10 Time: Relinquished by:

Date: 5/10 Time:

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals:

Analyses Required

Sample
Condition
on Receipt

Special Laboratory Instructions:

Detection Limits

Colors: WHITE Sign on vehicle YELLOW if registered to criminal (e.g. law enforcement) and has been to Coffey, BLUE for private goods receipt.

Turnaround Required:

SOIL
33 HA19 0.4-0.5 28/9
34 HA20 0.0-0.1 - 8mm 51head road
35 " 0.4-0.5 - 8mm 51head road
36 HA21 0.0-0.1
37 " 0.4-0.5
38 HA22 0.0-0.1
39 HA22 0.4-0.5
40 HA23 0.0-0.1
41 " 0.4-0.5
42 HA24 0.0-0.1
43 " 0.4-0.5
44 HA25 0.0-0.1
45 " 0.4-0.5
46 DUP59
47 DUP60
48 DUP61

PAHs
TPHs
MAHs = BTEX
Metals:

AS send to MCT for 8 metals analysis



JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES

Sample Receipt Advice

Company name: Coffey Environments Pty Ltd NSW
Contact name: Strider Duerinckx
Client job number: 2021AA
COC number: 27435
Turn around time: Five day
Date received: Oct 5, 2007
MGT lab reference: 215612

Sample information

- ☒ All samples have been received as described on the above COC.
- ☒ COC has been completed correctly.
- ☒ All samples were provided chilled.
- ☒ Appropriately preserved sample containers have been used.
- ☒ All samples were received in good condition.
- ☒ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

Contact notes

If you have any questions with respect to these samples please contact:

Onur Mehmet on the above number or by e.mail: mehmeto@mgtenv.com.au

Results will be delivered electronically via e.mail to Strider Duerinckx -
Strider_Duerinckx@coffey.com.

mgt Sample Receipt



Environmental Consulting Pty. Ltd.

3 Kingston Town Close, Oakleigh, Victoria 3166, Australia
Postal address: P. O. Box 276, Oakleigh, Victoria 3166, Australia
Telephone: (03) 9564 7055
Fax: (03) 9564 7190
Email: mgt@mgtenv.com.au

CERTIFICATE OF ANALYSIS

Coffey Environments Pty Ltd NSW
Level 1, 3 Rider Boulevard
Rhodes
New South Wales 2138
Site: 2021AA

Report Number: 215612 Page 1 of 3
Order Number:
Date Received: Oct 5, 2007
Date Sampled: Oct 5, 2007
Date Reported: Oct 16, 2007
Contact: Strider Duerinckx

Methods

- USEPA 6010B Heavy Metals & USEPA7470/71 Mercury
- USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury
- Method 102 - ANZECC - % Moisture

Comments

Asbestos = ASET Ref No 13287 / 16467 / 1-3 NATA Accreditation No. 14484

Notes

1. The results in this report supersede any previously corresponded results.
2. All Soil Results are reported on a dry basis.
3. Samples are analysed on an as received basis.

ABBREVIATIONS

mg/kg : milligrams per kilograms, mg/L : milligrams per litre, ppm : parts per million,
LOR : Limit of Reporting
RPD : Relative Percent Difference
CRM : Certified Reference Material
LCS : Laboratory Control Sample

Authorised

Report Number: 215612

Michael Wright
Laboratory Manager
NATA Signatory

Onur Mehmet
Client Manager
NATA Signatory

Orlando Scalzo
Chief Organic Chemist
NATA Signatory

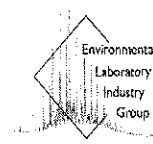
Tammy Lakeland
Chief Inorganic Chemist



WORLD RECOGNISED
ACCREDITATION

NATA Accredited
Laboratory Number 1261

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Member



Environmental Consulting Pty. Ltd.

3 Kingston Town Close, Oakleigh, Victoria 3166, Australia
Postal address: P. O. Box 276, Oakleigh, Victoria 3166, Australia
Telephone: (03) 9564 7055
Fax: (03) 9564 7190
Email: mgt@mgtenv.com.au

Coffey Environments Pty Ltd NSW	Client Sample ID	DUP 57
Level 1, 3 Rider Boulevard	Lab Number	07-Oct2199
Rhodes	Matrix	Soil
New South Wales 2138	Sample Date	Oct 5, 2007
Analysis Type	LOR	Units
% Moisture	0.1	%
Asbestos		17
Heavy Metals (7)		Not detected
Arsenic	2	mg/kg
Cadmium	0.5	mg/kg
Chromium	5	mg/kg
Copper	5	mg/kg
Lead	5	mg/kg
Nickel	5	mg/kg
Zinc	5	mg/kg
Heavy Metals		10
Mercury	0.1	mg/kg
		< 0.1

COMMENTS:

Coffey Environments Pty Ltd NSW Level 1, 3 Rider Boulevard Rhodes New South Wales 2138	Client Sample ID	RPD	DUP 57	Method blank
	Lab Number	BATCH	07-Oct02199	Batch
	QA Description		Spike % Recovery	
	Matrix	Soil	Soil	Soil
	Sample Date	Oct 5, 2007	Oct 5, 2007	Oct 5, 2007
Analysis Type	Units		% Recovery	mg/L
Heavy Metals (7)				
Arsenic		-	-	< 0.02
Cadmium		< 1	86	< 0.02
Chromium		5.8	86	< 0.05
Copper		8.4	80	< 0.05
Lead		< 1	81	< 0.05
Nickel		16	75	< 0.05
Zinc		17	-	< 0.05
Heavy Metals				
Mercury		< 1	95	< 0.005

COMMENTS:



AUSTRALIAN SAFER ENVIRONMENT & TECHNOLOGY PTY LTD

ABN 36 088 095 112

Our ref: ASET 13287/ 16467 / 1 - 3

Your ref: 215584

NATA Accreditation No: 14484

9 October 2007

MGT Environmental Consulting Pty Ltd.
3 Kingston Town Close
Oakleigh VIC 3166

Attn: Mr Sefton McGraw

Dear Sefton,

Asbestos Identification

This report presents the results of three samples, forwarded by MGT Environmental Consulting Pty Ltd on 8 October 2007, for analysis for asbestos.

1. Introduction: Three samples forwarded were examined and analysed for the presence of asbestos.

2. Methods : The samples were examined under a Stereo Microscope and selected fibres were analysed by Polarized Light Microscopy in conjunction with Dispersion Staining method (Safer Environment Method 1.)

3. Results : **Sample No. 1. ASET 13287 / 16467 / 1. Oc 01997.**
Approx dimensions 6.0 cm x 4.0 cm x 1.0 cm
The sample consisted of a mixture of sandy soil, stones, plant matter, bitumen, cement and fragments of brick.
No asbestos detected.

Sample No. 2. ASET 13287 / 16467 / 2. Oc 01998.
Approx dimensions 6.0 cm x 3.5 cm x 1.0 cm
The sample consisted of a mixture of sandy soil, stones, plant matter, bitumen and fragments of brick.
No asbestos detected.

Sample No. 3. ASET 13287 / 16467 / 3. Oc 02199.
Approx dimensions 6.0 cm x 5.0 cm x 1.5 cm
The sample consisted of a mixture of clayish soil, stones and plant matter.
No asbestos detected.

Analysed and reported by,

Karu Jayasundara. BSc (Hons) MAus IMM.
Mineralogist / Chartered Professional of Geology
Approved Signatory/ Approved Identifier.



WORLD RECOGNISED
ACCREDITATION

This document is issued in accordance with
NATA's Accreditation requirements.
Accredited for compliance with ISO/IEC 17025.

UNIT 7/70 KINGSWAY GLEN WAVERLEY VIC 3150 - P O BOX 213 GLEN WAVERLEY VIC 3150
PHONE: (03) 9574 7647 FAX: (03) 9574 9647 EMAIL: asetmelb@bigpond.net.au WEBSITE: www.aset.com.au

OCCUPATIONAL HEALTH & SAFETY STUDIES • INDOOR AIR QUALITY SURVEYS • HAZARDOUS MATERIAL SURVEYS • RADIATION SURVEYS • ASBESTOS SURVEYS
ASBESTOS DETECTION & IDENTIFICATION • REPAIR & CALIBRATION OF SCIENTIFIC EQUIPMENT • AIRBORNE FIBRE & SILICA MONITORING

Page 02 of 07



Sampled by: DH

Project Manager:
(report results to)

Shuler Duvonck

Consigning Officer: *Shela Durrant*
Date Dispatched: *2/1/73*

107

Counter Service: 4575
Consignment Note No:

Coffey & Associates, Inc.

Reinforced by:

Date: _____ Time: _____ Received by: _____

Date: _____ Time: _____

CONTENTS

Sample Matrix

Continued from
and previous pages

Sample No.

Date Sampled

PAHS / Total Nonyls

TPHS

MAHS = BTEX

Notes:

Voc / Jwoc
As bestes

James G. Thompson

Sample
Condition
on Receipt

2020

8 Metals = As, Cd, Cr, Cu, Pb, Hg, Ni, Zn

Figure 1 Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

COPIES: WHITE SIGN ON BOARD: YELLOW: 4 (Indicates a "Lowest Bid" has been received for the **BLUE™** "Lowest Bidder" to receive the contract.)

JOB NUMBER MUST BE
REFERENCED ON ALL
SUSSEQUENT PAGES

25

Received 3.17.66 CV2

THE UNIVERSITY OF CHICAGO

Handwritten: 09-06-07

Samples in: 2

ice/boiler pack ☒ yes/no

Comments: 5521

Sample Receipt Advice

Company name: Coffey Environments Pty Ltd NSW
Contact name: Strider Duerinckx
Client job number: 02021AA
COC number: 27439-27440
Turn around time: Five day
Date received: Oct 8, 2007
MGT lab reference: 215698

Sample information

- ☒ All samples have been received as described on the above COC.
- ☒ COC has been completed correctly.
- ☒ All samples were provided chilled.
- ☒ Appropriately preserved sample containers have been used.
- ☒ All samples were received in good condition.
- ☒ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.

Contact notes

If you have any questions with respect to these samples please contact:

Onur Mehmet on the above number or by e.mail: mehmeto@mgtenv.com.au

Results will be delivered electronically via e.mail to Strider Duerinckx -
Strider_Duerinckx@coffey.com.

mgt Sample Receipt



Environmental Consulting Pty. Ltd.

3 Kingston Town Close, Oakleigh, Victoria 3166, Australia
Postal address: P. O. Box 276, Oakleigh, Victoria 3166, Australia
Telephone: (03) 9564 7055
Fax: (03) 9564 7190
Email: mgt@mgtenv.com.au

CERTIFICATE OF ANALYSIS

Coffey Environments Pty Ltd NSW
Level 1, 3 Rider Boulevard
Rhodes
New South Wales 2138
Site: 02021AA

Report Number: 215698 Page 1 of 7

Order Number:

Date Received: Oct 8, 2007

Date Sampled: Oct 8, 2007

Date Reported: Oct 16, 2007

Contact: Strider Duerinckx

Methods

- USEPA 8260B - MGT 350A Volatile Organics by GCMS
- USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury
- USEPA 6020 Heavy Metals
- USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury
- Method 102 - ANZECC - % Moisture

Comments

Notes

1. The results in this report supersede any previously corresponded results.
2. All Soil Results are reported on a dry basis.
3. Samples are analysed on an as received basis.

ABBREVIATIONS

mg/kg : milligrams per kilograms, mg/L : milligrams per litre, ppm : parts per million,

LOR : Limit of Reporting

RPD : Relative Percent Difference

CRM : Certified Reference Material

LCS : Laboratory Control Sample

Authorised

Report Number: 215698

Michael Wright
Laboratory Manager
NATA Signatory

Onur Mehmet
Client Manager
NATA Signatory

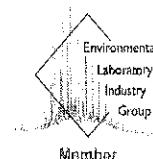
Orlando Scalzo
Chief Organic Chemist
NATA Signatory

Tammy Lakeland
Chief Inorganic Chemist



NATA Accredited
Laboratory Number 1261

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Member



Environmental Consulting Pty. Ltd.

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Coffey Environments Pty Ltd NSW				Client Sample ID	MWQC2	DUP 63
Level 1, 3 Rider Boulevard				Lab Number	07-OC02663	07-OC02664
Rhodes				Matrix	Water	Soil
New South Wales 2138				Sample Date	Oct 8, 2007	Oct 8, 2007
Analysis Type	LOR	Units				
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001			-
1.1-Dichloroethene	0.001	mg/L	< 0.001			-
1.1.1-Trichloroethane	0.001	mg/L	< 0.001			-
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001			-
1.1.1.2-Trichloroethane	0.001	mg/L	< 0.001			-
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001			-
1.2-Dibromoethane	0.001	mg/L	< 0.001			-
1.2-Dichlorobenzene	0.001	mg/L	< 0.001			-
1.2-Dichloroethane	0.001	mg/L	< 0.001			-
1.2-Dichloropropane	0.001	mg/L	< 0.001			-
1.2.3-Trichloropropane	0.001	mg/L	< 0.001			-
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001			-
1.3-Dichlorobenzene	0.001	mg/L	< 0.001			-
1.3-Dichloropropane	0.001	mg/L	< 0.001			-
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001			-
1.4-Dichlorobenzene	0.001	mg/L	< 0.001			-
2-Butanone (MEK)	0.001	mg/L	< 0.001			-
2-Propanone (Acetone)	0.001	mg/L	< 0.005			-
4-Chlorotoluene	0.001	mg/L	< 0.001			-
4-Methyl-2-pentanone (MIBK)	0.001	mg/L	< 0.001			-
Allyl chloride	0.001	mg/L	< 0.001			-
Benzene	0.001	mg/L	< 0.001			-
Bromobenzene	0.001	mg/L	< 0.001			-
Bromochloromethane	0.001	mg/L	< 0.001			-
Bromodichloromethane	0.001	mg/L	< 0.001			-
Bromoform	0.001	mg/L	< 0.001			-
Bromomethane	0.001	mg/L	< 0.001			-
Carbon disulfide	0.001	mg/L	< 0.002			-
Carbon Tetrachloride	0.001	mg/L	< 0.001			-
Chlorobenzene	0.001	mg/L	< 0.001			-

COMMENTS:

Coffey Environments Pty Ltd NSW		Client Sample ID	MWQC2	DUP 63
Level 1, 3 Rider Boulevard		Lab Number	07-OC02663	07-OC02664
Rhodes		Matrix	Water	Soil
New South Wales 2138		Sample Date	Oct 8, 2007	Oct 8, 2007
Analysis Type	LOR	Units		
Chloroethane	0.001	mg/L	< 0.001	-
Chloroform	0.001	mg/L	< 0.001	-
Chloromethane	0.001	mg/L	< 0.001	-
cis-1,2-Dichloroethene	0.001	mg/L	< 0.001	-
cis-1,3-Dichloropropene	0.001	mg/L	< 0.001	-
Dibromochloromethane	0.001	mg/L	< 0.001	-
Dibromomethane	0.001	mg/L	< 0.001	-
Dichlorodifluoromethane	0.001	mg/L	< 0.001	-
Iodomethane	0.001	mg/L	< 0.001	-
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	-
Methylene chloride	0.001	mg/L	< 0.001	-
Styrene	0.001	mg/L	< 0.002	-
Tetrachloroethene	0.001	mg/L	< 0.001	-
trans-1,2-Dichloroethene	0.001	mg/L	< 0.001	-
trans-1,3-Dichloropropene	0.001	mg/L	< 0.001	-
Trichloroethene	0.001	mg/L	< 0.001	-
Trichlorofluoromethane	0.001	mg/L	< 0.001	-
Vinyl acetate	0.001	mg/L	< 0.001	-
Vinyl chloride	0.001	mg/L	< 0.001	-
Toluene	0.001	mg/L	< 0.001	-
Ethylbenzene	0.001	mg/L	< 0.001	-
Xylenes(ortho,meta and para)	0.001	mg/L	< 0.002	-
Fluorobenzene (surr.)	1	%	113	-
4-Bromofluorobenzene (surr.)	1	%	100	-
% Moisture	0.1	%	-	6.6
Heavy Metals (7)				
Arsenic	0.001	mg/L	< 0.001	7.6
Cadmium	0.0002	mg/L	< 0.0002	< 0.5

COMMENTS:



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Coffey Environments Pty Ltd NSW		Client Sample ID	WWQC2	DUP 63
Level 1, 3 Rider Boulevard	Lab Number		07-Oc02663	07-Oc02664
Rhodes	Matrix		Water	Soil
New South Wales 2138	Sample Date		Oct 8, 2007	Oct 8, 2007
Analysis Type	LOR	Units		
Chromium	0.001	mg/L	< 0.001	< 5
Copper	0.001	mg/L	0.029	< 5
Lead	0.001	mg/L	< 0.001	10
Nickel	0.001	mg/L	< 0.001	< 5
Zinc	0.001	mg/L	0.012	5.7
Heavy Metals				
Mercury	0.0001	mg/L	< 0.0001	< 0.1

COMMENTS:



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Coffey Environments Pty Ltd NSW		Client Sample ID	MWQC2	MWQC2	MWQC2	MWQC2	MWQC2	Method blank
Level 3, 3 Rider Boulevard		Lab Number	07-Oct2663	07-Oct2663	07-Oct2663	07-Oct2663	07-Oct2663	Batch
Rhodes		QA Description		Duplicate	Duplicate % RPD	Duplicate % RPD	Spike % Recovery	
New South Wales 2138		Matrix	Water	Water	Water	Water	Water	Water
		Sample Date	Oct 8, 2007	Oct 8, 2007	Oct 8, 2007	Oct 8, 2007	Oct 8, 2007	Oct 8, 2007
Analysis Type		Units			% RPD	% RPD	% Recovery	mg/L
Heavy Metals (7)								
Arsenic			< 0.001	< 0.001	< 0.001	< 1	92	< 0.001
Cadmium			< 0.0002	< 0.0002	< 0.0002	< 1	97	< 0.0002
Chromium			< 0.001	< 0.001	< 0.001	< 1	88	< 0.001
Copper			0.029	0.028	0.028	3.1	90	< 0.001
Lead			< 0.001	< 0.001	< 0.001	< 1	94	< 0.001
Nickel			< 0.001	< 0.001	< 0.001	< 1	89	< 0.001
Zinc			0.012	0.013	0.013	5.2	95	< 0.001
Heavy Metals								
Mercury			-	-	-	< 1	72	< 0.005
Volatile Organics								
1,1-Dichloroethane			-	-	-	< 1	87	< 0.001
1,1-Dichloroethene			-	-	-	< 1	84	< 0.001
1,1,1-Trichloroethane			-	-	-	< 1	104	< 0.001
1,1,1,2-Tetrachloroethane			-	-	-	< 1	-	< 0.001
1,1,2-Trichloroethane			-	-	-	< 1	-	< 0.001
1,1,2,2-Tetrachloroethane			-	-	-	< 1	-	< 0.001
1,2-Dibromoethane			-	-	-	< 1	-	< 0.001
1,2-Dichlorobenzene			-	-	-	< 1	101	< 0.001
1,2-Dichloroethane			-	-	-	< 1	96	< 0.001
1,2-Dichloropropane			-	-	-	< 1	-	< 0.001
1,2,3-Trichloropropane			-	-	-	< 1	-	< 0.001
1,2,4-Trimethylbenzene			-	-	-	< 1	-	< 0.001
1,3-Dichlorobenzene			-	-	-	< 1	-	< 0.001
1,3-Dichloropropane			-	-	-	< 1	-	< 0.001
1,3,5-Trimethylbenzene			-	-	-	< 1	-	< 0.001
1,4-Dichlorobenzene			-	-	-	< 1	-	< 0.001
2-Butanone (MEK)			-	-	-	< 1	-	< 0.001
2-Propanone (Acetone)			-	-	-	< 1	-	< 0.002

COMMENTS:

Coffey Environments Pty Ltd NSW
 Level 1, 3 Rider Boulevard
 Rhodes
 New South Wales 2138

Client Sample	RPD	MWQC2	Method blank
Lab Number	BATCH	07-Oct2663	Batch
QA Description		Spike % Recovery	
Matrix	Water	Water	Water
Sample Date	Oct 8, 2007	% Recovery	Oct 8, 2007
Units			mg/L
Analysis Type			
Volatile Organics			
4-Chlorotoluene	< 1	-	< 0.001
4-Methyl-2-pentanone (MIBK)	< 1	-	< 0.001
Allyl chloride	< 1	-	< 0.001
Benzene	< 1	79	< 0.001
Bromobenzene	< 1	-	< 0.001
Bromochloromethane	< 1	-	< 0.001
Bromodichloromethane	< 1	-	< 0.001
Bromoform	< 1	-	< 0.001
Bromomethane	< 1	-	< 0.001
Carbon disulfide	< 1	-	< 0.002
Carbon Tetrachloride	< 1	87	< 0.001
Chlorobenzene	< 1	-	< 0.001
Chloroethane	< 1	-	< 0.001
Chloroform	< 1	-	< 0.001
Chloromethane	< 1	-	< 0.001
cis-1,2-Dichloroethene	< 1	-	< 0.001
cis-1,3-Dichloropropene	< 1	-	< 0.001
Dibromochloromethane	< 1	-	< 0.001
Dibromomethane	< 1	-	< 0.001
Dichlorodifluoromethane	< 1	-	< 0.001
Iodomethane	< 1	-	< 0.002
Isopropyl benzene (Cumene)	< 1	-	< 0.001
Methylene chloride	< 1	-	< 0.002
Styrene	< 1	-	< 0.001
Tetrachloroethene	< 1	-	< 0.001
trans-1,2-Dichloroethene	< 1	-	< 0.001
trans-1,3-Dichloropropene	< 1	-	< 0.001
Trichloroethene	< 1	86	< 0.001

COMMENTS:

Coffey Environments Pty Ltd NSW
Level 1, 3 Rider Boulevard
Rhodes
New South Wales 2138

Client Sample	RPD	MWQC2	Method blank
Lab Number	BATCH	07-Oct2663	Batch
QA		Spike %	
Description		Recovery	
Matrix	Water	Water	Water
Sample Date	Oct 8, 2007	% Recovery	Oct 8, 2007
Units			mg/L
Analysis Type			
Volatile Organics			
Trichlorofluoromethane	< 1	-	< 0.001
Vinyl acetate	< 1	-	< 0.001
Vinyl chloride	< 1	-	< 0.001
Toluene	< 1	99	< 0.001
Ethylbenzene	< 1	112	< 0.001
Xylenes(ortho,meta and para)	< 1	119	< 0.001
Fluorobenzene (surr.)	-	67	106
4-Bromofluorobenzene (surr.)	-	82	87

COMMENTS:

Chain of Custody

Laboratory Quotation / Order No.

Job No. 02021111 Sheet 2 of 3

Dispatcher:
(Address &
Phone No.)

SSS

Sampled by:

DT

Consigning Officer:

SD

Date Dispatched:

4/10

Attention:

Project Manager:
(report results to)

SD

Counter Service:

APC

Consignment Note No.

Colley

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Signature:

4/10

4/10

215678

Analyses Required:

Containers

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals:

Asbestos

Sample
Condition
on Receipt

Special Laboratory Instructions:

Detection Limits:

Copies: WHITE: Sign on release. YELLOW: If dispatched to interstate Lab. Lab to sign on receipt and fax back to Colley. BLUE: To be returned with results.

Turnaround Required:

JOB NUMBER MUST BE
REFERENCED ON ALL
SUBSEQUENT PAGES

10-11-2002

Appendix I

QA/QC Summary

Project:GEOTKARI02021AA 2

Filter: ALL

Overview Summary

[Summary](#)

Holding Times

[Holding Time Errors \(821\)](#)

Blanks

[Detects in Blanks \(64\)](#)

[SDG's without Storage Blanks \(25\)](#)

[SDG's without Method Blanks \(0\)](#)

Duplicates

[Field and Interlab Dupes](#)

[Lab Duplicates with high RPD's \(35\)](#)

Surrogates

[Surrogate Variation > 40% \(23\)](#)

Lab Control Samples

[SDG's without a Laboratory Control Sample \(0\)](#)

[Laboratory Control Samples, Error > 40% \(6\)](#)

Certified and Standard Reference Materials

[Certified Reference Materials - Error > 25% \(0\)](#)

Matrix Spikes

[SDG's without a Matrix Spike \(0\)](#)

[Trip Spikes with invalid Control Sample \(0\)](#)

[Less than 1 matrix spike in 20 samples, or less than 1 matrix duplicate in 20 samples \(3\)](#)

[Matrix Spike Recoveries less than 60% or greater than 140% \(1\)](#)

[Trip Spike Recoveries less than 60% or greater than 140% \(0\)](#)

Inorganic

Other

[Unit Conversion Problems \(0\)](#)

[Samples associated with Wells which are not specified in the Well Table \(0\)](#)

[Aborted Analysis \(0\)](#)

		EQL	Num Non-QA Results	Holding Times (days)				Lab Control Samples			Method and Storage Blanks			Laboratory Duplicates			Surrogates			Matrix, Trip and Compound Spikes			Field, Rinsate and Trip Blanks			Field Duplicates			
Method_Name	ChemName	Range	(Normal + Composite)	Volatility Group	Sample to Extraction	Sample to Analysis	Acceptable	Recovery %	Num Reported	Acceptable	Range	Num Reported	Acceptable	Max RPD ^ EQL x 1	Num Reported	Acceptable	Recovery %	Num Reported	Acceptable	Recovery %	Num Reported	Acceptable	Range	Num Reported	Acceptable	Max RPD ^ EQL x 1	Num Reported	Acceptable	
AN602 - Asbestos ID	Asbestos ID in soil		8	other	8 to 13	8 to 13	Y		0			0			0	N		0			0			0			0	N	
SEI-038 - Anions by Ion Chromatography	Sulphate	2 mg/kg	30	Low_Stability	8 to 9	9 to 10	N		0		ND	3	Y	40	3	Y		0			100 to 101	2	Y		0		154	1	N
AN602 - Asbestos ID	Asbestos ID in soil		1	other	10	10	Y		0		ND	2	Y		0	N		0			0			0			0	N	
AN602 - Asbestos ID	Asbestos ID in soil		75	other	7 to 13	7 to 13	Y		0		ND	8	Y		0	N		0			0			0			1	Y	
SEO-018 - BTEX by Purge & Trap GC/MS.	Benzene	0.5 mg/kg	95	VOC	4 to 9	4 to 9	Y	78 to 97	3	Y	ND	12	Y		12	Y		0			77 to 132	7	Y	0			9	Y	
SEO-018 - BTEX by Purge & Trap GC/MS.	Ethylbenzene	0.5 mg/kg	95	VOC	4 to 9	4 to 9	Y	80 to 94	3	Y	ND	12	Y		12	Y		0			76 to 131	7	Y	0			9	Y	
SEO-018 - BTEX by Purge & Trap GC/MS.	Toluene	0.5 mg/kg	95	VOC	4 to 9	4 to 9	Y	70 to 96	3	Y	ND	12	Y		12	Y		0			76 to 132	7	Y	0			9	Y	
SEO-018 - BTEX by Purge & Trap GC/MS.	Trifluorotoluene		0	SVOC			Y	82 to 130	3	Y		0			0		0 to 130	137	N		0			0			0		
SEO-018 - BTEX by Purge & Trap GC/MS.	Xylene Total	1.5 mg/kg	95	VOC	4 to 9	4 to 9	Y	81 to 98	3	Y	ND	12	Y		12	Y		0			79 to 133	7	Y	0			9	Y	
SEI-045 - Cyanide Total or Free	Cyanide Total	0.5 mg/kg	53	Low_Stability	8 to 11	8 to 11	N	104 to 106	2	Y	ND	6	Y		6	Y		0			89 to 97	3	Y	0			3	Y	
ESDAT Combined	Aldrin + Dieldrin		146	SVOC			Y		0			0			0	N		0			0			0			0	N	
ESDAT Combined	DDT+DDE+DDD		146	SVOC			Y		0			0			0	N		0			0			0			0	N	
ESDAT Combined	TPH+C10 - C36 (Sum of total)		103	SVOC			Y		0			0			0	N		0			0			0			0	N	
ESDAT Combined	Xylene Total		43	VOC			Y		0			0			0	N		0			0			0			0	N	
USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Arsenic		0	Other	6 to 9	13 to 16	Y		0		ND	2	Y	151	4	N		0			82 to 96	2	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Cadmium		0	Other	6 to 9	13 to 16	Y		0		ND	2	Y		4	Y		0			83 to 88	2	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Chromium (total)		0	Other	6 to 9	13 to 16	Y		0		ND	2	Y	131	4	N		0			75 to 89	2	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Copper		0	Other	6 to 9	13 to 16	Y		0		ND	2	Y	167	4	N		0			76 to 111	2	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Lead		0	Other	6 to 9	13 to 16	Y		0		ND	2	Y	189	4	N		0			79 to 110	2	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Mercury		0	Specific	0 to 9	8 to 16	Y		0		ND	6	Y		12	Y		0			76 to 104	6	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Nickel		0	Other	6 to 9	13 to 16	Y		0		ND	2	Y	96	4	Y		0			79 to 86	2	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Zinc		0	Other	6 to 9	13 to 16	Y		0		ND	2	Y	114	2	N		0			82 to 82	1	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Arsenic		0	Other	0 to 6	8 to 13	Y		0		ND	4	Y	174	8	N		0			78 to 81	2	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Cadmium		0	Other	0 to 6	8 to 13	Y		0		ND	4	Y		8	Y		0			82 to 90	4	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Chromium (total)		0	Other	0 to 6	8 to 13	Y		0		ND	4	Y	143	8	N		0			86 to 93	4	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Copper		0	Other	0 to 6	8 to 13	Y		0		ND	4	Y	152	8	N		0			75 to 85	4	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Lead		0	Other	0 to 6	8 to 13	Y		0		ND	4	Y	166	8	N		0			81 to 90	4	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Nickel		0	Other	0 to 6	8 to 13	Y		0		ND	4	Y	160	8	N		0			75 to 84	3	Y	0			0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Zinc		0	Other	0 to 6	8 to 13	Y		0		ND	4	Y	189	8	N		0			84 to 94	2	Y	0			0	N	
Method 102 - ANZECC - % Moisture	Moisture		0	Other	0 to 9	8 to 16	Y		0			0			0	N		0			0			0			0	N	
USEPA 9010B Cyanide	Cyanide Total		0	Low_Stability	6	13	N		0		ND	1	Y		2	Y		0			120 to 120	1	Y	0			0	N	
SEM-005 - Mercury	Mercury	0.05 mg/kg	329	Specific	4 to 63	4 to 63	N		0		ND	13	Y	33	36	Y		0			79 to 120	22	Y	0			150	19	N
SEM-010 - Metals by ICP	Arsenic	3 mg/kg	329	Other	4 to 63	5 to 63	Y	88 to 88	1	Y	ND	13	Y	57	32	Y		0			82 to 107	18	Y	0			125	19	N
SEM-010 - Metals by ICP	Cadmium	0.1 to 0.3 mg/kg	329	Other	4 to 63	5 to 63	Y	99 to 99	1	Y	ND	13	Y	67	32	Y		0			82 to 104	18	Y	0			100	19	Y
SEM-010 - Metals by ICP	Chromium (total)	0.3 mg/kg	329	Other	4 to 63	5 to 63	Y	97 to 97	1	Y	ND	13	Y	81	32	N		0			80 to 105	18	Y	0			152	19	N
SEM-010 - Metals by ICP	Copper	0.5 mg/kg	329	Other	4 to 63	5 to 63	Y	99 to 99	1	Y	ND	13	Y	60	32	N		0			90 to 112	18	Y	0			169	19	N
SEM-010 - Metals by ICP	Lead	1 mg/kg	329	Other	4 to 63	5 to 63	Y	88 to 98	3	Y	ND	13	Y	67	32	Y		0			77 to 106	16	Y	0			152	19	N
SEM-010 - Metals by ICP	Nickel	0.5 mg/kg	329	Other	4 to 63	5 to 63	Y	99 to 99	1	Y	ND	13	Y	140	32	N		0			81 to 101	18	Y	0			159	19	N
SEM-010 - Metals by ICP	Zinc	0.3 to 0.5 mg/kg	329	Other	4 to 63	5 to 63																							

USEPA 8141A Organophosphorus Pesticides	Azinophos methyl		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0		0	0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Bolstar (Sulprofos)		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0		0	0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Chlorpyrifos		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0		0	0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Coumaphos		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	4	Y	0		85 to 110	2	Y	0	N		
USEPA 8141A Organophosphorus Pesticides	Demeton-O		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0			0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Diazinon		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	4	Y	0		100 to 113	2	Y	0	N		
USEPA 8141A Organophosphorus Pesticides	Dichlorvos		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0			0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Disulfoton		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0			0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Ethion		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	4	Y	0		100 to 110	2	Y	0	N		
USEPA 8141A Organophosphorus Pesticides	Ethoprop		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0			0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Fenitrothion		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	4	Y	0		100 to 114	2	Y	0	N		
USEPA 8141A Organophosphorus Pesticides	Fensulfthion		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	4	Y	0		100 to 100	2	Y	0	N		
USEPA 8141A Organophosphorus Pesticides	Fenthion		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0			0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Merphos		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0			0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Methyl parathion		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	4	Y	0		97 to 98	2	Y	0	N		
USEPA 8141A Organophosphorus Pesticides	Mevinphos (Phosdrin)		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	4	Y	0		103 to 107	2	Y	0	N		
USEPA 8141A Organophosphorus Pesticides	Naled (Dibrom)		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0			0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Phorate		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0			0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Prothiofos		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0			0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	Ronnel		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y	0			0	0	0	N		
USEPA 8141A Organophosphorus Pesticides	TPP		0	SVOC			Y	0	ND	0		0		70 to 98	10	Y	0	0	0			
USEPA 8141A Organophosphorus Pesticides	Trichloronate		0	SVOC	0 to 6	8 to 13	Y	0	ND	2	Y	2	Y				0	0	0	N		
USEPA 8270C Polycyclic Aromatic Hydrocarbons	2-FBP		0	SVOC			Y	0		0		0		96 to 124	12	Y	0	0	0			
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Acenaphthene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				98 to 110	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Acenaphthylene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				90 to 112	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Anthracene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				90 to 100	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Benz(a)anthracene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				101 to 114	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Benzo(a) pyrene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				85 to 105	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Benzo(b)fluoranthene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				89 to 100	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Benzo(g,h,i)perylene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				70 to 105	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Benzo(k)fluoranthene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				87 to 102	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Chrysene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	9	Y	76 to 125	12	Y	93 to 127	6	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Dibenz(a,h)anthracene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				77 to 103	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Fluoranthene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				96 to 102	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Fluorene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	150	6	N			98 to 105	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Indeno(1,2,3-c,d)pyrene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				76 to 93	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Naphthalene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				80 to 107	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	PAHs (Sum of total)		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	178	3	N				0	0	N		
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Phenanthrene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	164	6	N			95 to 111	3	Y	0	N	
USEPA 8270C Polycyclic Aromatic Hydrocarbons	Pyrene		0	SVOC	0 to 9	8 to 16	N	0	ND	3	Y	6	Y				89 to 102	3	Y	0	N	
SEO-030 - PAHs by GC/MS	2-FBP		0	SVOC			Y	89 to 95	2	Y		0		70 to 123	197	Y	0	0	0			
SEO-030 - PAHs by GC/MS	Acenaphthene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y	125 to 125	2	Y	ND	12	Y				102 to 133	10	Y	0	Y	
SEO-030 - PAHs by GC/MS	Acenaphthylene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y	93 to 97	2	Y	ND	12	Y	67	17	Y		77 to 96	10	Y	0	Y
SEO-030 - PAHs by GC/MS	Anthracene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y	102 to 110	2	Y	ND	12	Y	0	17	Y		89 to 109	10	Y	0	Y
SEO-030 - PAHs by GC/MS	Benz(a)anthracene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y		0		ND	12	Y	67	17	Y			0	0	6	Y
SEO-030 - PAHs by GC/MS	Benzo(a) pyrene	0.05 mg/kg	150	SVOC	4 to 11	4 to 11	Y	105 to 111	2	Y	ND	12	Y	52	17	N		83 to 111	10	Y	0	Y
SEO-030 - PAHs by GC/MS	Benzo(b)&(k)fluoranthene	0.2 mg/kg	150	SVOC	4 to 11	4 to 11	Y		0		ND	12	Y	40	17	Y			0	0	6	Y
SEO-030 - PAHs by GC/MS	Benzo(g,h,i)perylene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y		0		ND	12	Y	67	17	Y			0	0	6	Y
SEO-030 - PAHs by GC/MS	Chrysene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y		0		ND	12	Y	67	17	Y			0	0	6	Y
SEO-030 - PAHs by GC/MS	Dibenz(a,h)anthracene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y		0		ND	12	Y	0	17	Y			0	0	6	Y
SEO-030 - PAHs by GC/MS	Fluoranthene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y	107 to 108	2	Y	ND	12	Y	0	17	Y		88 to 107	10	Y	0	Y
SEO-030 - PAHs by GC/MS	Fluorene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y		0		ND	12	Y	0	17	Y			0	0	6	Y
SEO-030 - PAHs by GC/MS	Indeno(1,2,3-c,d)pyrene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y		0		ND	12	Y	67	17	Y			0	0	6	Y
SEO-030 - PAHs by GC/MS	Naphthalene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y	96 to 100	2	Y	ND	12	Y	0	17	Y		80 to 99	10	Y	0	Y
SEO-030 - PAHs by GC/MS	Nitrobenzene		0	SVOC			Y	97 to 98	2	Y		0		70 to 128	197	Y	0	0	0	0	0	0
SEO-030 - PAHs by GC/MS	PAHs (Sum of total)	1.55 mg/kg	150	SVOC	4 to 11	4 to 11	Y		0	1.55 to 1.55 mg	12	N		17	Y			0	0	0	6	Y
SEO-030 - PAHs by GC/MS	Phenanthrene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y	101 to 107	2	Y	ND	12	Y	0	17	Y		82 to 106	10	Y	0	Y
SEO-030 - PAHs by GC/MS	p-Terphenyl		0	SVOC			Y	104 to 108	2	Y		0		91 to 130	197	Y	0	0	0	0	0	0
SEO-030 - PAHs by GC/MS	Pyrene	0.1 mg/kg	150	SVOC	4 to 11	4 to 11	Y	109 to 110	2	Y	ND	12	Y	40	17	Y		86 to 119	10	Y	0	Y
SEO-005 - OC/OP/PCB	Arochlor 1016	0.1 mg/kg	114	SVOC	6 to 11	6 to 11	Y		0		ND	11	Y		14	Y			0	0	3	Y
SEO-005 - OC/OP/PCB	Arochlor 1232	0.1 mg/kg	114	SVOC	6 to 11	6 to 11	Y		0		ND	11	Y		14	Y			0	0	3	Y
SEO-005 - OC/OP/PCB	Arochlor 1242	0.1 mg/kg	114	SVOC	6 to 11	6 to 11	Y		0		ND	11	Y		14	Y			0	0	3	Y
SEO-005 - OC/OP/PCB	Arochlor 1248	0.1 mg/kg	114	SVOC	6 to 11	6 to 11	Y		0		ND	11	Y		14	Y			0	0	3	Y
SEO-005 - OC/OP/PCB	Arochlor 1254	0.1 mg/kg	114	SVOC	6 to 11	6 to 11	Y		0		ND	11	Y		14	Y			0	0	3	Y
SEO-005 - OC/OP/PCB	Arochlor 1260	0.1 mg/kg	114	SVOC	6 to 11	6 to 11	Y	107 to 110	3	Y	ND	11	Y		14	Y		73 to 129	6	Y	0	Y
SEO-005 - OC/OP/PCB	Arochlor 1268	0.1 mg/kg	114	SVOC	6 to 11	6 to 11	Y		0		ND	11	Y		14	Y			0	0	3	Y
SEO-005 - OC/OP/PCB	Aroclor 1221	0.1 mg/kg	114	SVOC	6 to 11	6 to 11	Y		0		ND	11	Y		14	Y			0	0	3	Y
SEO-005 - OC/OP/PCB	Aroclor 1262	0.1 mg/kg	114	SVOC	6 to 11	6 to 11	Y		0		ND	11	Y		14	Y			0	0	3	Y
SEO-005 - OC/OP/PCB	PCB Surrogate Recovery		0	SVOC			Y	105 to 120	3	Y		0		87 to 130	150	Y	0	0	0	0	0	0
SEO-005 - OC/OP/PCB	PCBs (Sum of total)	0.9 mg/kg	114	SVOC	6 to 11	6 to 11	Y		0	ND to 0.9 mg	11	N		14	Y			0	0	0	3	Y
SEI-066 - Phenols Colourimetric Discrete Analyser	Phenolics Total	0.5 mg/kg	53	Other	4 to 12	4 to 12	Y	93 to 107	6	Y	ND	10	Y		5	Y		85 to 96	3	Y	0	Y
USEPA 8270C Phenols	2,4,6-trichlorophenol		0	SVOC	6 to 9	13 to 16	N		0		ND	2	Y		4	Y		77 to 103	2	Y	0	0
USEPA 8270C Phenols	2,4-dichlorophenol		0	SVOC	6 to 9	13 to 16	N		0		ND	2	Y		4	Y		84 to 97	2	Y	0	0
USEPA 8270C Phenols	2,4-dimethylphenol		0	SVOC	6 to 9	13 to 16	N		0		ND	2	Y		4	Y		99 to 107	2	Y	0	0
USEPA 8270C Phenols	2,6-dichlorophenol		0	SVOC	6 to 9	13 to 16	N		0		ND	2	Y		4	Y		103 to 107	2	Y	0	0
USEPA 8270C Phenols	2-chlorophenol		0	SVOC	6 to 9	13 to 16	N		0		ND	2	Y		4							

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SEO-019 - VOC's by purge & trap GCMS	Ethylbenzene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	116 to 116	1	Y	0	0	N						
SEO-019 - VOC's by purge & trap GCMS	Hexachlorobutadiene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	Isopropylbenzene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	Naphthalene	0.5 mg/kg	3	SVOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	n-butylbenzene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	n-propylbenzene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	p-isopropyltoluene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	sec-butylbenzene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	Styrene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	TCE	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	100 to 100	1	Y	0	N							
SEO-019 - VOC's by purge & trap GCMS	tert-butylbenzene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	Tetrachloroethene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	Toluene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	105 to 105	1	Y	0	N							
SEO-019 - VOC's by purge & trap GCMS	Toluene-D8	0	0	VOC			Y	0		0		0		99 to 102	5	Y	0	0								
SEO-019 - VOC's by purge & trap GCMS	trans-1,2-dichloroethene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	trans-1,3-dichloropropene	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	Trichlorofluoromethane	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	Vinyl chloride	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	0	0		0	N							
SEO-019 - VOC's by purge & trap GCMS	Xylene (m & p)	1 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	117 to 117	1	Y	0	N							
SEO-019 - VOC's by purge & trap GCMS	Xylene (o)	0.5 mg/kg	3	VOC	8	11	Y	0	ND	1	Y	0	N	0	112 to 112	1	Y	0	N							
AN318 - Metals by ICP-MS	Arsenic	1 ug/L	11	Other	-6 to 8	-6 to 8	N	96 to 105	5	Y	ND	9	Y	9	6	Y	ND	13	Y	1	Y					
AN318 - Metals by ICP-MS	Cadmium	0.1 ug/L	11	Other	-6 to 8	-6 to 8	N	91 to 103	5	Y	ND	9	Y		6	Y				1	Y					
AN318 - Metals by ICP-MS	Chromium (total)	1 ug/L	11	Other	-6 to 8	-6 to 8	N	94 to 102	5	Y	ND	9	Y	12	6	Y	0	D to 0.63 ug	13	N						
AN318 - Metals by ICP-MS	Copper	1 ug/L	11	Other	-6 to 8	-6 to 8	N	96 to 113	5	Y	ND	9	Y	3	6	Y	0	D to 1.1 ug	13	N	1	Y				
AN318 - Metals by ICP-MS	Lead	1 ug/L	11	Other	-6 to 8	-6 to 8	N	92 to 102	5	Y	ND	9	Y	14	6	Y	0	.2 to 18 ug	13	N	0	1	Y			
AN318 - Metals by ICP-MS	Nickel	1 ug/L	11	Other	-6 to 8	-6 to 8	N	98 to 115	5	Y	ND	9	Y	17	6	Y	0	D to 4.2 ug	13	N		1	Y			
AN318 - Metals by ICP-MS	Zinc	1 ug/L	11	Other	-6 to 8	-6 to 8	N	91 to 98	5	Y	ND	9	Y	4	6	Y	0	D to 5.9 ug	13	N	0	1	Y			
SEO-018 - BTEX by Purge & Trap GC/MS.	Benzene	1 ug/L	2	VOC	5 to 13	5 to 13	N	99 to 104	9	Y	ND	9	Y	0	0	N	0	0.85 to 1.13	6	N	ND	19	Y	0	N	
SEO-018 - BTEX by Purge & Trap GC/MS.	Ethylbenzene	1 ug/L	2	VOC	5 to 13	5 to 13	N	99 to 105	9	Y	ND	9	Y	0	0	N	0	0.84 to 1.15	6	N	ND	19	Y	0	N	
SEO-018 - BTEX by Purge & Trap GC/MS.	Toluene	1 ug/L	2	VOC	5 to 13	5 to 13	N	99 to 105	9	Y	ND	9	Y	0	0	N	0	0.83 to 1.16	6	N	ND	19	Y	0	N	
SEO-018 - BTEX by Purge & Trap GC/MS.	Xylene Total	3 ug/L	2	VOC	5 to 13	5 to 13	N	99 to 102	9	Y	ND	9	Y	0	0	N	0	0.86 to 1.11	6	N	ND	19	Y	0	N	
ESDAT Combined	Aldrin + Dieldrin	9	2	SVOC			Y	0	0	0		0		0	0	N	0	0	0		0	0		0	N	
ESDAT Combined	DDT+DDE+DDD	9	2	SVOC			Y	0	0	0		0		0	0	N	0	0	0		0	0		0	N	
ESDAT Combined	TPH+C10 - C36 (Sum of total)	10	9	SVOC			Y	0	0	0		0		0	0	N	0	0	0		0	0		0	N	
USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Mercury		0	Specific	0	8	Y	0	ND	1	Y	0	N	0	0	N	0	72 to 72	1	Y	0	0		0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Arsenic		0	Other	0	8	Y	0	ND	1	Y	0		2	Y	0	0	92 to 92	1	Y	0	0		0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Cadmium		0	Other	0	8	Y	0	ND	1	Y	0		2	Y	0	0	97 to 97	1	Y	0	0		0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Chromium (total)		0	Other	0	8	Y	0	ND	1	Y	0		2	Y	0	0	88 to 88	1	Y	0	0		0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Copper		0	Other	0	8	Y	0	ND	1	Y	0		4	2	Y	0	90 to 90	1	Y	0	0		0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Lead		0	Other	0	8	Y	0	ND	1	Y	0		2	Y	0	0	94 to 94	1	Y	0	0		0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Nickel		0	Other	0	8	Y	0	ND	1	Y	0		2	Y	0	0	89 to 89	1	Y	0	0		0	N	
USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Zinc		0	Other	0	8	Y	0	ND	1	Y	0		8	2	Y	0	95 to 95	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	4,4-DDE	0.01 ug/L	9	SVOC	2 to 12	6 to 15	N	67 to 67	2	Y	ND	3	Y	0	0	N	0	92 to 92	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Aldrin	0.01 ug/L	9	SVOC	2 to 12	6 to 15	N	73 to 73	2	Y	ND	3	Y	0	0	N	0	108 to 108	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Azinophos methyl	0.025 to 0.05 ug/L	9	SVOC	2 to 12	6 to 15	N	84 to 84	2	Y	ND	3	Y	0	0	N	0	73 to 73	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Chlordane (gamma)	0.015 ug/L	4	SVOC	2 to 11	6 to 15	N		0		ND	1	Y	0	0	N	0	98 to 98	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Chlorpyrifos	0.01 ug/L	9	SVOC	2 to 12	6 to 15	N	73 to 73	2	Y	ND	3	Y	0	0	N	0	98 to 98	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	cis-Chlordane	0.01 to 0.015 ug/L	9	SVOC	2 to 12	6 to 15	N	72 to 72	2	Y	ND	3	Y	0	0	N	0	96 to 96	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	DDD	0.01 ug/L	5	SVOC	12	15	N		0		ND	2	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	DDT	0.01 ug/L	9	SVOC	2 to 12	6 to 15	N		0		ND	3	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Diazinon	0.01 ug/L	9	SVOC	2 to 12	6 to 15	N	71 to 71	2	Y	ND	3	Y	0	0	N	0	105 to 105	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Dieldrin	0.01 ug/L	9	SVOC	2 to 12	6 to 15	N	94 to 94	2	Y	ND	3	Y	0	0	N	0	126 to 126	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Dimethoate	0.15 ug/L	4	SVOC	2 to 11	6 to 15	N		0		ND	1	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Endosulfan I	0.01 to 0.02 ug/L	9	SVOC	2 to 12	6 to 15	N		0		ND	3	Y	0	0	N	0	104 to 104	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Endosulfan II	0.01 to 0.02 ug/L	9	SVOC	2 to 12	6 to 15	N		0		ND	3	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Endosulfan sulphate	0.01 to 0.02 ug/L	9	SVOC	2 to 12	6 to 15	N		0		ND	3	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Endrin	0.01 to 0.02 ug/L	9	SVOC	2 to 12	6 to 15	N	78 to 78	2	Y	ND	3	Y	0	0	N	0	109 to 109	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Fenitrothion	0.2 ug/L	9	SVOC	2 to 12	6 to 15	N		0		ND	3	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	g-BHC (Lindane)	0.05 to 0.07 ug/L	9	SVOC	2 to 12	6 to 15	N	70 to 70	2	Y	ND	3	Y	0	0	N	0	90 to 90	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Heptachlor	0.01 to 0.02 ug/L	9	SVOC	2 to 12	6 to 15	N	71 to 71	2	Y	ND	3	Y	0	0	N	0	105 to 105	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Hexachlorobenzene	0.01 ug/L	9	SVOC	2 to 12	6 to 15	N		0		ND	3	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Malathion	0.05 ug/L	9	SVOC	2 to 12	6 to 15	N		0		ND	3	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Methoxychlor	0.04 to 0.1 ug/L	9	SVOC	2 to 12	6 to 15	N		0		ND	3	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Mirex	0.01 ug/L	4	SVOC	2 to 11	6 to 15	N		0		ND	1	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Parathion	0.01 ug/L	9	SVOC	2 to 12	6 to 15	N	48 to 48	2	N	ND	3	Y	0	0	N	0	81 to 81	1	Y	0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	p-Terphenyl	0%	4	SVOC	12	15	N	60 to 60	2	N	86 to 86	2	N	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	trans-chlordane	0.01 ug/L	5	SVOC	12	15	N	71 to 71	2	Y	ND	2	Y	0	0	N	0		0		0	0		0	N	
Ext-003 - Subcontracted to SGS Enviro. Perth	Heptachlor epoxide	0.02 ug/L	11	SVOC	12	15	N	72 to 72	2	Y	ND	2	Y	0	0	N	0		0		0	0		0	N	
SEM-005 - Mercury	Mercury	0.5 ug/L	11	Specific	-7 to 11	-7 to 11	N	105 to 105	5	Y	ND	9	Y	3	Y		0	105 to 117	2	Y	ND	13	Y		1	Y
SEO-005 - OC/OP/PCB	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene		0	SVOC			Y	101 to 101	1	Y		0		0	0	N	97 to 101	3	Y		0	0		0		
SEO-005 - OC/OP/PCB	4,4-DDE		0	SVOC	8	8	N		0		ND	1	Y	0	0	N				ND	1	Y				

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SEO-800 - VOC's and C6-C9 Hydrocarbons analysed by SGS Perth	Dichloromethane	20 ug/L	5	VOC	12	15	N	0		ND	1	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	1,1,1,2-tetrachloroethane	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	1,1,1-trichloroethane	0.1 ug/L	5	VOC	12	15	N	98 to 98	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	1,1,2,2-tetrachloroethane	0.1 ug/L	5	VOC	12	15	N	91 to 91	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	1,1,2-trichloroethane	0.1 ug/L	5	VOC	12	15	N	91 to 91	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	1,1-dichloroethane	0.1 ug/L	5	VOC	12	15	N	101 to 101	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	1,1-dichloroethene	0.1 ug/L	5	VOC	12	15	N	97 to 97	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	1,2,3-trichloropropane	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	1,2,4-trichlorobenzene	0.1 to 0.5 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	1,2-dichlorobenzene	0.1 ug/L	5	VOC	12	15	N	94 to 94	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	1,2-dichloroethane	0.1 ug/L	5	VOC	12	15	N	96 to 96	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	1,2-dichloropropane	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	1,3-dichlorobenzene	0.1 ug/L	5	VOC	12	15	N	96 to 96	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	1,4-dichlorobenzene	0.1 ug/L	5	VOC	12	15	N	97 to 97	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	4-Bromofluorobenzene		0	VOC			Y	103 to 103	2	Y		0		0		97 to 111	10	Y		0		0		
SEO-019 - VOCs by purge & trap GCMS	Bromochloromethane	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	Bromodichloromethane	0.1 ug/L	5	VOC	12	15	N	90 to 90	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	Carbon tetrachloride	0.1 ug/L	5	VOC	12	15	N	91 to 91	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	Chlorobenzene	0.1 ug/L	5	VOC	12	15	N	97 to 97	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	Chlorodibromomethane	0.1 ug/L	5	VOC	12	15	N	86 to 86	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	Chloroethane	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	Chloroform	0.1 ug/L	5	VOC	12	15	N	92 to 92	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	Chloromethane	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	N
SEO-019 - VOCs by purge & trap GCMS	cis-1,2-dichloroethene	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	cis-1,3-dichloropropene	0.1 ug/L	5	VOC	12	15	N	88 to 88	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	Dibromofluoromethane		0	SVOC			Y	106 to 106	2	Y		0		0		97 to 112	10	Y		0		0		
SEO-019 - VOCs by purge & trap GCMS	Dichlorodifluoromethane	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		0	
SEO-019 - VOCs by purge & trap GCMS	Hexachlorobutadiene	0.1 to 0.5 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	TCE	0.1 ug/L	5	VOC	12	15	N	98 to 98	1	Y	ND	1	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	Tetrachloroethene	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	Toluene-D8		0	VOC			Y	103 to 103	2	Y		0		0		96 to 106	10	Y		0		0		
SEO-019 - VOCs by purge & trap GCMS	trans-1,2-dichloroethene	0.1 ug/L	5	VOC	12	15	N	101 to 101	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	trans-1,3-dichloropropene	0.1 ug/L	5	VOC	12	15	N	85 to 85	2	Y	ND	2	Y	0	N	0		0		0		1	Y	
SEO-019 - VOCs by purge & trap GCMS	Trichlorofluoromethane	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y
SEO-019 - VOCs by purge & trap GCMS	Vinyl chloride	0.1 ug/L	5	VOC	12	15	N	0		ND	2	Y	0	N	0		0		0		0		1	Y

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Holding Time Errors

SDG	Matrix_Type	SampleCode	Field_ID	Depth	Sampled_Date-Time	Volatility	ChemName	Result	Sampled_to_Extraction_Days	Sampled_to_Analysis_Days	Major_Exceedance
55276A	water	55276A-31	WB-1		12/09/2007 VOC		Xylene Total	3 µg/L		8	9 N
55276A	water	55276A-31	WB-1		12/09/2007 VOC		Benzene	1 µg/L		8	9 N
55276A	water	55276A-31	WB-1		12/09/2007 VOC		Ethylbenzene	1 µg/L		8	9 N
55276A	water	55276A-31	WB-1		12/09/2007 VOC		TPH C 6 - C 9 Fraction	40 µg/L		8	9 N
55276A	water	55276A-31	WB-1		12/09/2007 VOC		Toluene	1 µg/L		8	9 N
55332A	water	55332A-1	WB-3		17/09/2007 VOC		TPH C 6 - C 9 Fraction	40 µg/L		8	8 N
55332A	water	55332A-1	WB-3		17/09/2007 VOC		Ethylbenzene	1 µg/L		8	8 N
55332A	water	55332A-1	WB-3		17/09/2007 VOC		Benzene	1 µg/L		8	8 N
55332A	water	55332A-1	WB-3		17/09/2007 VOC		Xylene Total	3 µg/L		8	8 N
55332A	water	55332A-73	TRIP BLANK		12/09/2007 VOC		Toluene	1 µg/L		13	13 N
55332A	water	55332A-73	TRIP BLANK		12/09/2007 VOC		Xylene Total	3 µg/L		13	13 N
55332A	water	55332A-73	TRIP BLANK		12/09/2007 VOC		Benzene	1 µg/L		13	13 N
55332A	water	55332A-73	TRIP BLANK		12/09/2007 VOC		Ethylbenzene	1 µg/L		13	13 N
55456A	water	55456A-126	TRIP BLANK		20/09/2007 VOC		Toluene	1 µg/L		12	12 N
55456A	water	55456A-126	TRIP BLANK		20/09/2007 VOC		Ethylbenzene	1 µg/L		12	12 N
55456A	water	55456A-126	TRIP BLANK		20/09/2007 VOC		Xylene Total	3 µg/L		12	12 N
55456A	water	55456A-47	WB-8		24/09/2007 VOC		Benzene	1 µg/L		8	8 N
55456A	water	55456A-47	WB-8		24/09/2007 VOC		Xylene Total	3 µg/L		8	8 N
55456A	water	55456A-47	WB-8		24/09/2007 VOC		TPH C 6 - C 9 Fraction	40 µg/L		8	8 N
55456A	water	55456A-47	WB-8		24/09/2007 VOC		Toluene	1 µg/L		8	8 N
55456A	water	55456A-47	WB-8		24/09/2007 VOC		Ethylbenzene	1 µg/L		8	8 N
55564A	water	55564A-50	TRIP BLANK		25/09/2007 VOC		Toluene	1 µg/L		13	13 N
55564A	water	55564A-50	TRIP BLANK		25/09/2007 VOC		Benzene	1 µg/L		13	13 N
55564A	water	55564A-50	TRIP BLANK		25/09/2007 VOC		Xylene Total	3 µg/L		13	13 N
55564A	water	55564A-50	TRIP BLANK		25/09/2007 VOC		Ethylbenzene	1 µg/L		13	13 N
55564A	water	55564A-51	WB-10		28/09/2007 VOC		Xylene Total	3 µg/L		10	10 N
55564A	water	55564A-51	WB-10		28/09/2007 VOC		Ethylbenzene	1 µg/L		10	10 N
55564A	water	55564A-51	WB-10		28/09/2007 VOC		TPH C 6 - C 9 Fraction	40 µg/L		10	10 N
55564A	water	55564A-51	WB-10		28/09/2007 VOC		Benzene	1 µg/L		10	10 N
55564A	water	55564A-51	WB-10		28/09/2007 VOC		Toluene	1 µg/L		10	10 N
55564A	water	55564A-52	WB-9		27/09/2007 VOC		Benzene	1 µg/L		11	11 N
55564A	water	55564A-52	WB-9		27/09/2007 VOC		Toluene	1 µg/L		11	11 N
55564A	water	55564A-52	WB-9		27/09/2007 VOC		Ethylbenzene	1 µg/L		11	11 N
55564A	water	55564A-52	WB-9		27/09/2007 VOC		Xylene Total	3 µg/L		11	11 N
55564A	water	55564A-52	WB-9		27/09/2007 VOC		TPH C 6 - C 9 Fraction	40 µg/L		11	11 N
55564A	water	55564A-53	Wash Blank Master		27/09/2007 VOC		Benzene	1 µg/L		11	11 N
55564A	water	55564A-53	Wash Blank Master		27/09/2007 VOC		TPH C 6 - C 9 Fraction	40 µg/L		11	11 N
55564A	water	55564A-53	Wash Blank Master		27/09/2007 VOC		Toluene	1 µg/L		11	11 N
55564A	water	55564A-53	Wash Blank Master		27/09/2007 VOC		Ethylbenzene	1 µg/L		11	11 N
55564A	water	55564A-53	Wash Blank Master		27/09/2007 VOC		Xylene Total	3 µg/L		11	11 N
55634A-Fwater		55634A-36	WB-11		4/10/2007 VOC		TPH C 6 - C 9 Fraction	40 µg/L		11	14 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,1,2,2-tetrachloroethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,2-dichloroethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Chloroform	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Trichlorofluoromethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,2,3-trichloropropane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Chloroethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Allyl chloride	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		TPH C 6 - C 9 Fraction	40 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Vinyl chloride	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,1-dichloroethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,2-dichloropropane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		TCE	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,2-dichlorobenzene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Dichlorodifluoromethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Carbon tetrachloride	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Chlorodibromomethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,1-dichloroethene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Hexachlorobutadiene	0.5 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,1,1,2-tetrachloroethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,1,2-trichloroethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Dichloromethane	20 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		cis-1,3-dichloropropene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Chlorobenzene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		cis-1,2-dichloroethene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Tetrachloroethene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,4-dichlorobenzene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,1,1-trichloroethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		trans-1,2-dichloroethene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,2,4-trichlorobenzene	0.5 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Bromodichloromethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Chloromethane	0.9 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Bromochloromethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		trans-1,3-dichloropropene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		1,3-dichlorobenzene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007 VOC		Dichloromethane	20 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,2,4-trichlorobenzene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		TCE	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		TPH C 6 - C 9 Fraction	40 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,2-dichlorobenzene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Tetrachloroethene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,2,3-trichloropropane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Chlorodibromomethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,1-dichloroethene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Chloroform	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Vinyl chloride	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Dichlorodifluoromethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		cis-1,3-dichloropropene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,1,1,2-tetrachloroethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,3-dichlorobenzene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,1-dichloroethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Chloromethane	1.2 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Trichlorofluoromethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,1,2,2-tetrachloroethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Chlorobenzene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		cis-1,2-dichloroethene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Hexachlorobutadiene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,1,1-trichloroethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Carbon tetrachloride	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Bromochloromethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		trans-1,3-dichloropropene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,1,2-trichloroethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Chloroethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,2-dichloropropane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Bromodichloromethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		Allyl chloride	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,2-dichloroethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		1,4-dichlorobenzene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007 VOC		trans-1,2-dichloroethene	1 µg/L		12	15 N
55634A-Fwater		55634A-R-5	MW4		3/10/2007 VOC		trans-1,3-dichloropropene	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-5	MW4		3/10/2007 VOC		Dichlorodifluoromethane	1 µg/L		12	15 N
55634A-Fwater		55634A-R-5	MW4		3/10/2007 VOC		1,1,1-trichloroethane	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-5	MW4		3/10/2007 VOC		Carbon tetrachloride	0.1 µg/L		12	15 N
55634A-Fwater		55634A-R-5	MW4		3/10/2007 VOC		Dichloromethane	20 µg/L		12	15 N
55634A-Fwater		55634A-R-5	MW4		3/10/2007 VOC		1,2,4-trichlorobenzene	0.5 µg/L		12	15 N

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Holding Time Errors

	Matrix_Type	SampleCode	Field_ID	Depth	Sampled_Date-Time	Volatility	ChemName	Result	Sampled_to_Extraction_Days	Sampled_to_Analysis_Days	Major_Exceedance
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	1,2-dichloropropane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Tetrachloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Chloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	1,1,2-trichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Vinyl chloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Chloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Chlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	cis-1,3-dichloropropene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	1,2-dichlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	cis-1,2-dichloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Bromochloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Chlorodibromomethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Bromodichloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	1,3-dichlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	1,1-dichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	1,2-dichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Trichlorofluoromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Chloroform	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Allyl chloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	Hexachlorobutadiene	0.5 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	1,1,2,2-tetrachloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	TCE	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	TPH C 6 - C 9 Fraction	40 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	1,1,1,2-tetrachloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	1,1-dichloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-5	MW4		3/10/2007	VOC	1,4-dichlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,1,2-trichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	cis-1,2-dichloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Chloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	cis-1,3-dichloropropene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Chlorodibromomethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,3-dichlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Carbon tetrachloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Vinyl chloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,1-dichloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Hexachlorobutadiene	1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Tetrachloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	trans-1,2-dichloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Dichlorodifluoromethane	1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Chloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Dichloromethane	20 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Bromodichloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	trans-1,3-dichloropropene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,1,2,2-tetrachloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	TCE	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,1,1,2-tetrachloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,2-dichloropropane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,1,1-trichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,2-dichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,1-dichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Chlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	TPH C 6 - C 9 Fraction	100 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Bromochloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Trichlorofluoromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Allyl chloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,2-dichlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,2,3-trichloropropane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,2,4-trichlorobenzene	0.5 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	1,4-dichlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-6	MW7		3/10/2007	VOC	Chloroform	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Chlorodibromomethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	TCE	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Hexachlorobutadiene	0.5 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Allyl chloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,2-dichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Chlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Chloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,1-dichloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,1-dichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	trans-1,2-dichloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,2,3-trichloropropane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Chloroform	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Bromodichloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,3-dichlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Carbon tetrachloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,1,2-trichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,1,1,2-tetrachloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	cis-1,3-dichloropropene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,2-dichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,2,4-trichlorobenzene	0.5 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Vinyl chloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,4-dichlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Tetrachloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Trichlorofluoromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	trans-1,3-dichloropropene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,1,2,2-tetrachloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Bromochloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Dichloromethane	20 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	TPH C 6 - C 9 Fraction	40 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,1,1-trichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Dichlorodifluoromethane	1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,2-dichloropropane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	1,2-dichlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	cis-1,2-dichloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-7	MW5		3/10/2007	VOC	Chloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	1,4-dichlorobenzene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	cis-1,3-dichloropropene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	1,2-dichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	Allyl chloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	trans-1,3-dichloropropene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	Dichloromethane	20 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	1,1,2-trichloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	Bromodichloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	Bromochloromethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	1,1-dichloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	trans-1,2-dichloroethene	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	Chloroethane	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	Carbon tetrachloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	Vinyl chloride	0.1 µg/L	12	12	15 N
55634A	F-water	55634A-R-9	MWQC1		3/10/2007	VOC	1,3-dichlor				

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SDG	Matrix_Type	SampleCode	Field_ID	Depth	Sampled_Date-Time	Volatility	ChemName	Result	Sampled_to_Extraction_Days	Sampled_to_Analysis_Days	Major_Exceedance
55634A-Fwater		55634A-R-9	MWQC1		3/10/2007	VOC	TCE	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-9	MWQC1		3/10/2007	VOC	Chloromethane	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-9	MWQC1		3/10/2007	VOC	1,2,4-trichlorobenzene	0.5 µg/L	12		15 N
55634A-Fwater		55634A-R-9	MWQC1		3/10/2007	VOC	1,1,1-trichloroethane	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-9	MWQC1		3/10/2007	VOC	1,2-dichlorobenzene	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-9	MWQC1		3/10/2007	VOC	Hexachlorobutadiene	0.5 µg/L	12		15 N
55634A-Fwater		55634A-R-9	MWQC1		3/10/2007	VOC	Chlorobenzene	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-9	MWQC1		3/10/2007	VOC	Chloroform	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-1	MW2		3/10/2007	VOC	TPH C 6 - C 9 Fraction	40 µg/L	12		15 N
55634A-Fwater		55634A-R-2	MW3		3/10/2007	VOC	TPH C 6 - C 9 Fraction	40 µg/L	12		15 N
55634A-Fwater		55634A-R-36	WB-11		4/10/2007	VOC	TPH C 6 - C 9 Fraction	40 µg/L	11		14 N
55276A water		55276A-31	WB-1		12/09/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	8		9 N
55276A water		55276A-31	WB-1		12/09/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	8		9 N
55276A water		55276A-31	WB-1		12/09/2007	SVOC	TPH C10 - C14 Fraction	100 µg/L	8		9 N
55332A water		55332A-1	WB-3		17/09/2007	SVOC	TPH C10 - C14 Fraction	100 µg/L	8		8 N
55332A water		55332A-1	WB-3		17/09/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	8		8 N
55332A water		55332A-1	WB-3		17/09/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Endosulfan I	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	o,p'DDT	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Endrin aldehyde	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Heptachlor	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Endosulfan sulphate	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	d-BHC	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Arochlor 1232	10 µg/L	8		11 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	a-BHC	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Aroclor 1221	10 µg/L	8		11 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	PCBs (Sum of total)	90 ug/L	8		11 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Heptachlor epoxide	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Fenitrothion	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	b-BHC	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Arochlor 1260	10 µg/L	8		11 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Arochlor 1268	10 µg/L	8		11 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Arochlor 1248	10 µg/L	8		11 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Arochlor 1254	10 µg/L	8		11 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Arochlor 1016	10 µg/L	8		11 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Hexachlorobenzene	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Chlorpyrifos	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Aldrin	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	DDD	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	trans-Nonachlor	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Bromophos-ethyl	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Endrin	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	o,p'-DDE	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Dieldrin	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Endrin ketone	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	g-BHC (Lindane)	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Ethion	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	o,p'-DDD	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	4,4-DDE	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	DDT	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Endosulfan II	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Arochlor 1242	10 µg/L	8		11 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	cis-Chlordane	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Methoxychlor	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	trans-chlordane	0.2 µg/L	8		8 N
55332A water		55332A-75	WB-4		18/09/2007	SVOC	Aroclor 1262	10 µg/L	8		11 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Naphthalene	0.1 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Phenanthrene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Fluorene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Heptachlor	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Azinophos methyl	0.025 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Endosulfan I	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Acenaphthene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Hexachlorobenzene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Chrysene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Pyrene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Anthracene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Aldrin	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Endosulfan sulphate	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Mirex	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Chlordane (gamma)	0.015 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Malathion	0.05 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Fluoranthene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Benzo(g,h,i)perylene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Acenaphthylene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Fenitrothion	0.2 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Chlorpyrifos	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Endosulfan II	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Diazin	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Benzo(b)&(k)fluoranthene	0.02 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Dibenz(a,h)anthracene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Endrin	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Parathion	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Dimethoate	0.15 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	DDT	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Benzo(a) pyrene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	4,4-DDE	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Dieldrin	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	g-BHC (Lindane)	0.07 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	cis-Chlordane	0.015 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Benzo(a)anthracene	0.01 µg/L	11		15 N
55398A water		55398A-56	DW-2		24/09/2007	SVOC	Methoxychlor	0.04 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Heptachlor	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Azinophos methyl	0.025 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Acenaphthene	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Naphthalene	0.1 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Phenanthrene	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Fluorene	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Endosulfan I	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Mirex	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Malathion	0.05 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Pyrene	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Anthracene	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Benzo(g,h,i)perylene	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Fluoranthene	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Fenitrothion	0.2 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Hexachlorobenzene	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Chrysene	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Endosulfan sulphate	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Chlorpyrifos	0.01 µg/L	11		15 N
55398A water		55398A-57	DW-3		24/09/2007	SVOC	Aldrin	0.01 µg/L	11		15 N
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Holding Time Errors

SDG	Matrix_Type	SampleCode	Field_ID	Depth	Sampled_Date-Time	Volatility	ChemName	Result	Sampled_to_Extraction_Days	Sampled_to_Analysis_Days	Major_Exceedance
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	Benzo(b)&(k)fluoranthene	0.02 µg/L	11		15 N
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	DDT	0.01 µg/L	11		15 N
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	Dibenz(a,h)anthracene	0.01 µg/L	11		15 N
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	Dimethoate	0.15 µg/L	11		15 N
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	Endrin	0.01 µg/L	11		15 N
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	Benzo(a)anthracene	0.01 µg/L	11		15 N
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	Benzo(a) pyrene	0.01 µg/L	11		15 N
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	cis-Chlordane	0.015 µg/L	11		15 N
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	Endosulfan II	0.01 µg/L	11		15 N
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	Diazinon	0.01 µg/L	11		15 N
55398A	water	55398A-57	DW-3		24/09/2007	SVOC	Parathion	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Endosulfan I	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Acenaphthene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Fluorene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Phenanthrene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Azinophos methyl	0.025 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Naphthalene	0.1 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Heptachlor	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Chlordane (gamma)	0.015 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Endosulfan sulphate	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Acenaphthylene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Malathion	0.05 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Fluoranthene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Pyrene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Fenitrothion	0.2 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Chlorpyrifos	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Benzo(g,h,i)perylene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Hexachlorobenzene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Mirex	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Chrysene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Anthracene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Aldrin	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Endrin	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Parathion	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	4,4-DDE	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	DDT	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Diazinon	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Methoxychlor	0.04 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Benzo(b)&(k)fluoranthene	0.02 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Dimethoate	0.15 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Dibenz(a,h)anthracene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Endosulfan II	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	cis-Chlordane	0.015 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Benzo(a)anthracene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Benzo(a) pyrene	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	Dieldrin	0.01 µg/L	11		15 N
55398A	water	55398A-58	DW-4		24/09/2007	SVOC	g-BHC (Lindane)	0.07 µg/L	11		15 N
55456A	water	55456A-47	WB-8		24/09/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	8		8 N
55456A	water	55456A-47	WB-8		24/09/2007	SVOC	TPH C10 - C14 Fraction	100 µg/L	8		8 N
55456A	water	55456A-47	WB-8		24/09/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	8		8 N
55564A	water	55564A-S1	WB-10		28/09/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	10		10 N
55564A	water	55564A-S1	WB-10		28/09/2007	SVOC	TPH C10 - C14 Fraction	100 µg/L	10		10 N
55564A	water	55564A-S1	WB-10		28/09/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	10		10 N
55564A	water	55564A-S2	WB-9		27/09/2007	SVOC	TPH C10 - C14 Fraction	100 µg/L	11		11 N
55564A	water	55564A-S2	WB-9		27/09/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	11		11 N
55564A	water	55564A-S2	WB-9		27/09/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	11		11 N
55564A	water	55564A-S3	Wash Blank Master		27/09/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	11		11 N
55564A	water	55564A-S3	Wash Blank Master		27/09/2007	SVOC	TPH C10 - C14 Fraction	100 µg/L	11		11 N
55564A	water	55564A-S3	Wash Blank Master		27/09/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	11		11 N
55634A-Fwater		55634A-36	WB-11		4/10/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	11		14 N
55634A-Fwater		55634A-36	WB-11		4/10/2007	SVOC	TPH C10 - C14 Fraction	40 µg/L	11		14 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	11		14 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Fluorene	0.04 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	p-Terphenyl	76 %	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	TPH C15 - C28 Fraction	610 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Naphthalene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Azinophos methyl	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Phenanthrene	0.08 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	2-methylnaphthalene	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	1-Methylnaphthalene	0.06 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Heptachlor	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	TPH C10 - C14 Fraction	59 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	4,4-DDE	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Endosulfan I	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Acenaphthene	0.03 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	TPH C29-C36 Fraction	660 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Chlorpyrifos	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Heptachlor epoxide	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Acenaphthylene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Fluoranthene	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Aldrin	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Benzo(g,h,i)perylene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Chrysene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Pyrene	0.04 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Endosulfan sulphate	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Anthracene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Hexachlorobenzene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Malathion	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Fenitrothion	0.2 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Benzo(a)anthracene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Endosulfan II	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Parathion	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Dibenz(a,h)anthracene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Endrin	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	g-BHC (Lindane)	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Benzo(a) pyrene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Diazinon	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	DDD	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Dieldrin	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Methoxychlor	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	trans-chlordane	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	Benzo(b)&(k)fluoranthene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	DDT	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-3	MW9		3/10/2007	SVOC	cis-Chlordane	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007	SVOC	TPH C10 - C14 Fraction	40 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007	SVOC	Endosulfan I	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007	SVOC	Naphthalene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007	SVOC	Azinophos methyl	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		3/10/2007	SVOC	2-methylnaphthalene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4									

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SDG	Matrix_Type	SampleCode	Field_ID	Depth	Sampled_Date-Time	Volatility	ChemName	Result	Sampled_to_Extraction_Days	Sampled_to_Analysis_Days	Major_Exceedance
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Fluorene	0.03 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Endosulfan sulphate	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Hexachlorobenzene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Heptachlor epoxide	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Acenaphthylene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Fluoranthene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Chrysene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Fenitrothion	0.2 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Aldrin	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Anthracene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Chlorpyrifos	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Benzo(g,h,i)perylene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Pyrene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Malathion	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	DDD	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Benz(a)anthracene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Diazinon	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	trans-chlordane	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Benzo(b)&(k)fluoranthene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	cis-Chlordane	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Dieldrin	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	g-BHC (Lindane)	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	DDT	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Endosulfan II	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Dibenz(a,h)anthracene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Parathion	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Benzo(a) pyrene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Endrin	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-4	MW1		31/07/2007	SVOC	Methoxychlor	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Phenanthrene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	4,4-DDE	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	TPH C10 - C14 Fraction	40 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Heptachlor	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Fluorene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	1-Methylnaphthalene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Endosulfan I	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Acenaphthene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Naphthalene	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	p-Terphenyl	60 %	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	2-methylnaphthalene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Azinophos methyl	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Acenaphthylene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Anthracene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Hexachlorobenzene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Pyrene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Chrysene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Fenitrothion	0.2 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Benzo(g,h,i)perylene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Aldrin	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Fluoranthene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Malathion	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Heptachlor epoxide	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Endosulfan sulphate	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Chlorpyrifos	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	cis-Chlordane	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	DDT	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Benzo(a) pyrene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Endrin	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Parathion	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Dibenz(a,h)anthracene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Diazinon	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Endosulfan II	0.02 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Benz(a)anthracene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	trans-chlordane	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Dieldrin	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	DDD	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Benzo(b)&(k)fluoranthene	0.01 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	g-BHC (Lindane)	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-5	MW4		31/07/2007	SVOC	Methoxychlor	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	TPH C29-C36 Fraction	1300 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Naphthalene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Fluorene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Endosulfan I	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	TPH C15 - C28 Fraction	990 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	2-methylnaphthalene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Acenaphthene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Heptachlor	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	TPH C10 - C14 Fraction	160 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Phenanthrene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	1-Methylnaphthalene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	4,4-DDE	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Azinophos methyl	0.2 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Chrysene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Malathion	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Anthracene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Pyrene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Acenaphthylene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Hexachlorobenzene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Chlorpyrifos	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Fluoranthene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Aldrin	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Endosulfan sulphate	0.5 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Fenitrothion	0.2 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Benzo(g,h,i)perylene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Heptachlor epoxide	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	g-BHC (Lindane)	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	DDT	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Methoxychlor	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Benzo(a) pyrene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Benzo(b)&(k)fluoranthene	0.1 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	DDD	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Endrin	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Dibenz(a,h)anthracene	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Endosulfan II	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	Parathion	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	trans-chlordane	0.05 µg/L	12		15 N
55634A-Fwater		55634A-R-6	MW7		31/07/2007	SVOC	cis-Chlordane	0.05 µg/L	1		

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SDG	Matrix_Type	SampleCode	Field_ID	Depth	Sampled_Date-Time	Volatility	ChemName	Result	Sampled_to_Extraction_Days	Sampled_to_Analysis_Days	Major_Exceedance
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Naphthalene	0.02 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	p-Terphenyl	53 %	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	2-methylnaphthalene	0.04 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	1-Methylnaphthalene	0.1 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Azinophos methyl	0.05 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Phenanthrene	0.1 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	TPH C15 - C28 Fraction	1300 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Endosulfan I	0.02 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Heptachlor	0.02 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	4,4-DDE	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Chlorpyrifos	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Chrysene	0.02 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Fluoranthene	0.03 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Fenitrothion	0.2 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Pyrene	0.06 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Endosulfan sulphate	0.02 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Benzo(g,h,i)perylene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Aldrin	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Malathion	0.05 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Hexachlorobenzene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Acenaphthylene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Heptachlor epoxide	0.02 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Anthracene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Dieldrin	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	DDD	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Parathion	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Diazinon	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Endosulfan II	0.02 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Benzo(a) pyrene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	cis-Chlordane	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	DDT	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	trans-chlordane	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Benz(a)anthracene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Dibenz(a,h)anthracene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	g-BHC (Lindane)	0.05 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Methoxychlor	0.1 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Endrin	0.02 µg/L	12		15 N
55634A-Fwater	55634A-R-7	MW5			3/10/2007	SVOC	Benzo(b)&(k)fluoranthene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	1-Methylnaphthalene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Phenanthrene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Acenaphthene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	2-methylnaphthalene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Naphthalene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Fluorene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	TPH C10 - C14 Fraction	40 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Fluoranthene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Anthracene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Pyrene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Acenaphthylene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Benzo(g,h,i)perylene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Chrysene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Benzo(b)&(k)fluoranthene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Benzo(a) pyrene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Dibenz(a,h)anthracene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-1	MW2			3/10/2007	SVOC	Benz(a)anthracene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Naphthalene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	2-methylnaphthalene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Acenaphthene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	TPH C10 - C14 Fraction	40 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Phenanthrene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Fluorene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	1-Methylnaphthalene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Anthracene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Fluoranthene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Acenaphthylene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Chrysene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Pyrene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Benzo(g,h,i)perylene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Benzo(a) pyrene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Benzo(b)&(k)fluoranthene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Dibenz(a,h)anthracene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-2	MW3			3/10/2007	SVOC	Benz(a)anthracene	0.01 µg/L	12		15 N
55634A-Fwater	55634A-R-36	WB-11			4/10/2007	SVOC	TPH C15 - C28 Fraction	200 µg/L	11		14 N
55634A-Fwater	55634A-R-36	WB-11			4/10/2007	SVOC	TPH C10 - C14 Fraction	40 µg/L	11		14 N
55634A-Fwater	55634A-R-36	WB-11			4/10/2007	SVOC	TPH C29-C36 Fraction	200 µg/L	11		14 N
55398A water	55398A-55	DW-1			3/10/2007	Other	Cadmium	0.1 µg/L	-6		-6 N
55398A water	55398A-55	DW-1			3/10/2007	Other	Arsenic	1 µg/L	-6		-6 N
55398A water	55398A-55	DW-1			3/10/2007	Other	Copper	1 µg/L	-6		-6 N
55398A water	55398A-55	DW-1			3/10/2007	Other	Zinc	8.7 µg/L	-6		-6 N
55398A water	55398A-55	DW-1			3/10/2007	Other	Chromium (total)	1.6 µg/L	-6		-6 N
55398A water	55398A-55	DW-1			3/10/2007	Other	Lead	1.3 µg/L	-6		-6 N
55398A water	55398A-55	DW-1			3/10/2007	Other	Nickel	1 µg/L	-6		-6 N
55398A water	55398A-55	DW-1			3/10/2007	Other	Mercury	0.0005 mg/l	-7		-7 N
55398A water	55398A-55	DW-1			3/10/2007	Other	Mercury	0.0005 mg/l	-7		-7 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	VOC	Benzene	0.05 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	VOC	Xylene Total	0.1 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	VOC	Ethylbenzene	0.05 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	VOC	Toluene	0.05 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	VOC	TPH C 6 - C 9 Fraction	20 MG/KG	9		16 N
214826 SOIL	07-Se06270	DUP9			12/09/2007	VOC	Ethylbenzene	0.05 MG/KG	9		16 N
214826 SOIL	07-Se06270	DUP9			12/09/2007	VOC	TPH C 6 - C 9 Fraction	20 MG/KG	9		16 N
214826 SOIL	07-Se06270	DUP9			12/09/2007	VOC	Xylene Total	0.05 MG/KG	9		16 N
214826 SOIL	07-Se06270	DUP9			12/09/2007	VOC	Toluene	0.05 MG/KG	9		16 N
214826 SOIL	07-Se06270	DUP9			12/09/2007	VOC	Benzene	0.05 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	2-nitrophenol	0.5 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	2,6-dichlorophenol	0.1 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	Naphthalene	0.1 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	Fluorene	0.1 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	TPH C29-C36 Fraction	100 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	2-chlorophenol	0.1 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	2,4,6-trichlorophenol	0.1 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	Acenaphthene	0.1 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	TPH C15 - C28 Fraction	100 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	Phenanthrene	0.1 MG/KG	9		16 N
214826 SOIL	07-Se06269	DUP5			12/09/2007	SVOC	Pentachlorophenol	0.5 MG/KG	9		16 N

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Holding Time Errors

SDG	Matrix_Type	SampleCode	Field_ID	Depth	Sampled_Date-Time	Volatility	ChemName	Result	Sampled_to_Extraction_Days	Sampled_to_Analysis_Days	Major_Exceedance
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	2,4-dichlorophenol	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	Benzo(g,h,i)perylene	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	Chrysene	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	Pyrene	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	Indeno(1,2,3-c,d)pyrene	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	Acenaphthylene	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	Benzo(b)fluoranthene	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	3-&4-methylphenol	0.2 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	Phenol	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	Benz(a)anthracene	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	4-chloro-3-methylphenol	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	Benzo(a) pyrene	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06269	DUP5		12/09/2007	SVOC	Dibenz(a,h)anthracene	0.1 MG/KG	9		16 N
214826	SOIL	07-Se06270	DUP9		12/09/2007	SVOC	TPH C29-C36 Fraction	100 MG/KG	9		16 N
214826	SOIL	07-Se06270	DUP9		12/09/2007	SVOC	TPH C10 - C14 Fraction	50 MG/KG	9		16 N
214916	SOIL	07-Se06835	DUP14		18/09/2007	Low_Stability	Cyanide Total	5 MG/KG	6		13 N
55332	soil	55332-24	DUP19		18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55332	soil	55332-25	ETP1	0 - 0.1	18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55332	soil	55332-31	ETP3	0 - 0.1	18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55332	soil	55332-37	ETP5	0 - 0.1	18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55332	soil	55332-42	ETP7	0 - 0.1	18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55332	soil	55332-45	ETP8	0 - 0.1	18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55332	soil	55332-48	ETP9	0 - 0.1	18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55332	soil	55332-51	ETP10	0 - 0.1	18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55332	soil	55332-54	ETP11	0 - 0.1	18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55332	soil	55332-62	ETP14	0 - 0.1	18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55332	soil	55332-70	ETP17	0 - 0.1	18/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55334	soil	55334-38	ETP19	0 - 0.9	19/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	8		8 N
55334	soil	55334-44	ETP21	0 - 0.1	19/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	8		10 N
55334	soil	55334-50	ETP23	0 - 0.1	19/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	8		10 N
55334	soil	55334-56	ETP25	0 - 0.1	19/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	8		10 N
55334	soil	55334-62	ETP27	0 - 0.1	19/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	8		10 N
55334	soil	55334-67	ETP29	0 - 0.1	19/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	8		10 N
55334	soil	55334-90	DUP20		19/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	8		10 N
55398	soil	55398-14	ETP57	0 - 0.1	21/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	11		11 N
55398	soil	55398-18	ETP59	0 - 0.1	21/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	11		11 N
55398	soil	55398-22	ETP61	0 - 0.1	21/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	11		11 N
55398	soil	55398-26	ETP63	0 - 0.1	21/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	11		11 N
55398	soil	55398-30	ETP65	0 - 0.1	21/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	11		11 N
55398	soil	55398-34	ETP67	0 - 0.1	21/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	11		11 N
55398	soil	55398-8	ETP55	0 - 0.1	21/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	11		11 N
55456	soil	55456-10	ST1		24/09/2007	Low_Stability	Sulphate	31 mg/kg	9		10 N
55456	soil	55456-10	ST1		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-104	ETP103	0 - 0.1	25/09/2007	Low_Stability	Sulphate	14 mg/kg	8		9 N
55456	soil	55456-104	ETP103	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456	soil	55456-106	ETP104	0 - 0.1	25/09/2007	Low_Stability	Sulphate	6 mg/kg	8		9 N
55456	soil	55456-106	ETP104	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456	soil	55456-11	ST2		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-11	ST2		24/09/2007	Low_Stability	Sulphate	2 mg/kg	9		10 N
55456	soil	55456-12	ST3		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-12	ST3		24/09/2007	Low_Stability	Sulphate	2 mg/kg	9		10 N
55456	soil	55456-128	ST19		24/09/2007	Low_Stability	Sulphate	18 mg/kg	9		10 N
55456	soil	55456-128	ST19		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-13	ST4		24/09/2007	Low_Stability	Sulphate	3 mg/kg	9		10 N
55456	soil	55456-13	ST4		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-14	ST5		24/09/2007	Low_Stability	Sulphate	2 mg/kg	9		10 N
55456	soil	55456-14	ST5		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-15	ST6		24/09/2007	Low_Stability	Sulphate	2 mg/kg	9		10 N
55456	soil	55456-15	ST6		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-16	ST7		24/09/2007	Low_Stability	Sulphate	4 mg/kg	9		10 N
55456	soil	55456-16	ST7		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-17	ST8		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-17	ST8		24/09/2007	Low_Stability	Sulphate	120 mg/kg	9		10 N
55456	soil	55456-18	ST9		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-18	ST9		24/09/2007	Low_Stability	Sulphate	9.5 mg/kg	9		10 N
55456	soil	55456-19	ST10		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-19	ST10		24/09/2007	Low_Stability	Sulphate	380 mg/kg	9		10 N
55456	soil	55456-20	ST11		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-20	ST11		24/09/2007	Low_Stability	Sulphate	8 mg/kg	9		10 N
55456	soil	55456-21	ST12		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-21	ST12		24/09/2007	Low_Stability	Sulphate	52 mg/kg	9		10 N
55456	soil	55456-22	ST13		24/09/2007	Low_Stability	Sulphate	13 mg/kg	9		10 N
55456	soil	55456-22	ST13		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-23	ST14		24/09/2007	Low_Stability	Sulphate	34 mg/kg	9		10 N
55456	soil	55456-23	ST14		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-24	ST15		24/09/2007	Low_Stability	Sulphate	9.4 mg/kg	9		10 N
55456	soil	55456-24	ST15		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-25	ST16		24/09/2007	Low_Stability	Sulphate	12 mg/kg	9		10 N
55456	soil	55456-26	ST17		24/09/2007	Low_Stability	Sulphate	15 mg/kg	9		10 N
55456	soil	55456-26	ST17		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-27	ST18		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-27	ST18		24/09/2007	Low_Stability	Sulphate	9.8 mg/kg	9		10 N
55456	soil	55456-31	DUP47		24/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	10		10 N
55456	soil	55456-31	DUP47		24/09/2007	Low_Stability	Sulphate	31 mg/kg	9		10 N
55456	soil	55456-56	ETP75	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456	soil	55456-56	ETP75	0 - 0.1	25/09/2007	Low_Stability	Sulphate	5 mg/kg	8		9 N
55456	soil	55456-59	ETP76	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456	soil	55456-59	ETP76	0 - 0.1	25/09/2007	Low_Stability	Sulphate	2 mg/kg	8		9 N
55456	soil	55456-63	ETP77	0 - 0.1	25/09/2007	Low_Stability	Sulphate	4 mg/kg	8		9 N
55456	soil	55456-63	ETP77	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456	soil	55456-66	ETP79	0 - 0.1	25/09/2007	Low_Stability	Sulphate	5 mg/kg	8		9 N
55456	soil	55456-66	ETP79	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456	soil	55456-70	ETP81	0 - 0.1	25/09/2007	Low_Stability	Sulphate	7 mg/kg	8		9 N
55456	soil	55456-70	ETP81	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456	soil	55456-73	ETP82	0 - 0.1	25/09/2007	Low_Stability	Sulphate	6 mg/kg	8		9 N
55456	soil	55456-73	ETP82	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456	soil	55456-81	ETP89	0 - 0.1	25/09/2007	Low_Stability	Sulphate	91 mg/kg	8		9 N
55456	soil	55456-81	ETP89	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456	soil	55456-85	ETP94	0 - 0.1	25/09/2007	Low_Stability	Sulphate	4 mg/kg	8		9 N
55456	soil	55456-85	ETP94	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456	soil	55456-98	ETP100	0 - 0.1	25/09/2007	Low_Stability	Sulphate	8 mg/kg	8		9 N
55456	soil	55456-98	ETP100	0 - 0.1	25/09/2007	Low_Stability	Cyanide Total	0.5 mg/kg	9		9 N
55456B	soil	55456B-108	ETP105	0 - 0.1	25/09/2007	Other	Mercury	0.05 mg/kg	63		63 Y
55456B	soil	55456B-109	ETP105	0.4 - 0.5	25/09/2007	Other	Mercury	0.05 mg/kg	63		63 Y
55456B	soil	55456B-110	ETP106	0 - 0.1	25/09/2007	Other	Mercury	0.05 mg/kg	63		63 Y
55456B	soil	55456B-111	ETP106	0.4 - 0.5	25/09/2007	Other	Mercury	0.05 mg/kg	63		63 Y

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Detects in Blanks

SDG	Matrix	SampleCode	Field_ID	Sampled	Sample_Type	Compound	Result	Extraction Date	Comment
55276A	water	55276A-31	WB-1	12/09/2007	Rinsate	Copper	1.9 µg/L	20/09/2007	
55276A	water	55276A-31	WB-1	12/09/2007	Rinsate	Zinc	8.1 µg/L	20/09/2007	
55276A	water	55276A-84	WB-2	14/09/2007	Rinsate	Copper	1.7 µg/L	20/09/2007	
55276A	water	55276A-84	WB-2	14/09/2007	Rinsate	Zinc	4.7 µg/L	20/09/2007	
55332A	water	55332A-1	WB-3	17/09/2007	Rinsate	Copper	2 µg/L	24/09/2007	
55332A	water	55332A-1	WB-3	17/09/2007	Rinsate	Zinc	10 µg/L	24/09/2007	
55332A	water	55332A-75	WB-4	18/09/2007	Rinsate	Nickel	2.4 µg/L	24/09/2007	
55332A	water	55332A-75	WB-4	18/09/2007	Rinsate	Copper	13 µg/L	24/09/2007	
55332A	water	55332A-75	WB-4	18/09/2007	Rinsate	Zinc	57 µg/L	24/09/2007	
55334A	water	55334A-34	WB-5	19/09/2007	Rinsate	Nickel	1.1 µg/L	25/09/2007	
55334A	water	55334A-34	WB-5	19/09/2007	Rinsate	Cadmium	0.14 µg/L	25/09/2007	
55334A	water	55334A-34	WB-5	19/09/2007	Rinsate	Copper	5.8 µg/L	25/09/2007	
55334A	water	55334A-34	WB-5	19/09/2007	Rinsate	Zinc	26 µg/L	25/09/2007	
55397A	water	55397A-34	WB-6	20/09/2007	Rinsate	Lead	1.1 µg/L	26/09/2007	
55397A	water	55397A-34	WB-6	20/09/2007	Rinsate	Nickel	5.9 µg/L	26/09/2007	
55397A	water	55397A-34	WB-6	20/09/2007	Rinsate	Cadmium	0.63 µg/L	26/09/2007	
55397A	water	55397A-34	WB-6	20/09/2007	Rinsate	Copper	18 µg/L	26/09/2007	
55397A	water	55397A-34	WB-6	20/09/2007	Rinsate	Zinc	56 µg/L	26/09/2007	
55398A	water	55398A-61	WB-7	21/09/2007	Rinsate	Lead	1.2 µg/L	27/09/2007	
55398A	water	55398A-61	WB-7	21/09/2007	Rinsate	Nickel	2.6 µg/L	27/09/2007	
55398A	water	55398A-61	WB-7	21/09/2007	Rinsate	Copper	6.6 µg/L	27/09/2007	
55398A	water	55398A-61	WB-7	21/09/2007	Rinsate	Zinc	28 µg/L	27/09/2007	
55456A	water	55456A-47	WB-8	24/09/2007	Rinsate	Chromium	1.1 µg/L	2/10/2007	
55456A	water	55456A-47	WB-8	24/09/2007	Rinsate	Copper	2.8 µg/L	2/10/2007	
55456A	water	55456A-47	WB-8	24/09/2007	Rinsate	Zinc	9.7 µg/L	2/10/2007	
55564A	water	55564A-51	WB-10	28/09/2007	Rinsate	Nickel	1.1 µg/L	5/10/2007	
55564A	water	55564A-51	WB-10	28/09/2007	Rinsate	Copper	1.6 µg/L	5/10/2007	
55564A	water	55564A-51	WB-10	28/09/2007	Rinsate	Zinc	5.5 µg/L	5/10/2007	
55564A	water	55564A-52	WB-9	27/09/2007	Rinsate	Lead	4.2 µg/L	5/10/2007	
55564A	water	55564A-52	WB-9	27/09/2007	Rinsate	Nickel	1.1 µg/L	5/10/2007	
55564A	water	55564A-52	WB-9	27/09/2007	Rinsate	Copper	3.5 µg/L	5/10/2007	
55564A	water	55564A-52	WB-9	27/09/2007	Rinsate	Zinc	3.6 µg/L	5/10/2007	
55564A	water	55564A-53	Wash Blank N	27/09/2007	Rinsate	Copper	1.2 µg/L	5/10/2007	
55564A	water	55564A-53	Wash Blank N	27/09/2007	Rinsate	Zinc	3.6 µg/L	5/10/2007	
55634A-F	water	55634A-36	WB-11	4/10/2007	Rinsate	Nickel	1.6 µg/L	9/10/2007	
55634A-F	water	55634A-36	WB-11	4/10/2007	Rinsate	Copper	2.1 µg/L	9/10/2007	
55634A-F	water	55634A-36	WB-11	4/10/2007	Rinsate	Zinc	11 µg/L	9/10/2007	
55456	soil	BLANK2 55456			MB	Total Positive	0.9 mg/kg	3/10/2007	Ignore, SGS reported total PCB as 0.9 and PAH as 1.55 even though individual analytes were not detected.
55456	soil	BLANK2 55456			MB	Total PAHs	1.55 mg/kg	3/10/2007	
55397	soil	BLANK2-55397			MB	Total Positive	0.9 mg/kg	27/09/2007	
55397	soil	BLANK2-55397			MB	Total PAHs	1.55 mg/kg	27/09/2007	
55456	soil	BLANK3 55456			MB	Total Positive	0.9 mg/kg	3/10/2007	
55456	soil	BLANK3 55456			MB	Total PAHs	1.55 mg/kg	3/10/2007	
55276	soil	BLANK55276			MB	Total PAHs	1.55 mg/kg	21/09/2007	
55276	soil	BLANK55276-2			MB	Total Positive	0.9 mg/kg	21/09/2007	
55276	soil	BLANK55276-2			MB	Total PAHs	1.55 mg/kg	21/09/2007	
55332	soil	BLANK55332			MB	Total Positive	0.9 mg/kg	24/09/2007	
55332	soil	BLANK55332			MB	Total PAH's	1.55 mg/kg	24/09/2007	
55334	soil	BLANK55334			MB	Total Positive	0.9 mg/kg	25/09/2007	
55334	soil	BLANK55334			MB	Total PAHs	1.55 mg/kg	25/09/2007	
55397	soil	BLANK55397			MB	Total Positive	0.9 mg/kg	27/09/2007	
55397	soil	BLANK55397			MB	Total PAHs	1.55 mg/kg	27/09/2007	
55398	soil	BLANK55398			MB	Total Positive	0.9 mg/kg	27/09/2007	
55398	soil	BLANK55398			MB	Total PAHs	1.55 mg/kg	28/09/2007	
55456	soil	BLANK55456			MB	Total Positive	0.9 mg/kg	3/10/2007	
55456	soil	BLANK55456			MB	Total PAHs	1.55 mg/kg	3/10/2007	
55564	soil	BLANK55564			MB	Total Positive	0.9 mg/kg	8/10/2007	
55564	soil	BLANK55564			MB	Total PAHs	1.55 mg/kg	8/10/2007	
55634	soil	BLANK55634			MB	Total PAHs	1.55 mg/kg	8/10/2007	
55634A-F	water	BLANK55634A			MB	Surrogate	86 %	15/10/2007	
55634A-F	water	55634A-R-36	WB-11	4/10/2007	Rinsate	Copper	2.1 µg/L	9/10/2007	
55634A-F	water	55634A-R-36	WB-11	4/10/2007	Rinsate	Nickel	1.6 µg/L	9/10/2007	
55634A-F	water	55634A-R-36	WB-11	4/10/2007	Rinsate	Zinc	11 µg/L	9/10/2007	
55634A-F	water	BLANK55634A-R			MB	Surrogate	86 %	15/10/2007	

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SDG's without Storage Blanks

SDG

214826

214916

215112

215313

215611

215612

215698

55276

55276A

55332

55332A

55334

55334A

55397

55397A

55398

55398A

55456

55456A

55456B

55564

55564A

55634

55634A

55634A-R

Field Duplicates (soil)
Sample.SampleCode Like '%'
Status

Field Duplicates (soil)		SDG			55276			55276			55276			55276			55276			55276			55332			55332			55332			55332																													
Sample: SampleCode Like '%'		Field_ID			ETP88			DUP1			ETP91			DUP4			EBH4			DUP6			EBH9			DUP7			EBH13			DUP8			ETP86			DUP2			ETP4			DUP15			ETP7			DUP16			RPD								
Status		Sampled Date-Time			12/09/2007			12/09/2007			12/09/2007			12/09/2007			13/09/2007			13/09/2007			13/09/2007			13/09/2007			13/09/2007			13/09/2007			13/09/2007			12/09/2007			12/09/2007			18/09/2007			18/09/2007			18/09/2007			18/09/2007			18/09/2007			18/09/2007		
ChemName	Units	EQL																																																											
Sulphate	mg/kg	2																																																											
Asbestos ID in soil	-																																																												
Benzene	mg/kg	0.5 (Primary): 0.05 (Interlab)										<0.5			<0.5			0			<0.5			<0.5			0																																		
Ethylbenzene	mg/kg	0.5 (Primary): 0.05 (Interlab)										<0.5			<0.5			0			<0.5			<0.5			0																																		
Toluene	mg/kg	0.5 (Primary): 0.05 (Interlab)										<0.5			<0.5			0			<0.5			<0.5			0																																		
Xylene Total	mg/kg	1.5 (Primary): 0.05 (Interlab)										<1.5			<1.5			0			<1.5			<1.5			0																																		
Cyanide Total	mg/kg	0.5 (Primary): 5 (Interlab)																																																											
Mercury	mg/kg	0.05 (Primary): 0.1 (Interlab)							<0.05			<0.05			0			<0.05			<0.05			0			<0.05			0.35			150																												
Arsenic	mg/kg	3 (Primary): 2 (Interlab)							<3.0			<3.0			0			<3.0			5.0			50			17.0			11.0			43			4.0			<3.0			29																			
Cadmium	mg/kg	0.1 (Primary): 0.5 (Interlab)							0.2			0.2			0			0.2			0.3			40			0.4			0.2			67			0.2			<0.1			67																			
Chromium (total)	mg/kg	0.3 (Primary): 5 (Interlab)							5.5			5.2			6			13.0			25.0			63			23.0			16.0			36			8.1			1.1			152																			
Copper	mg/kg	0.5 (Primary): 5 (Interlab)							9.2			7.8			16			5.9			0.5			169			16.0			12.0			29			6.7			0.9			153																			
Lead	mg/kg	1 (Primary): 5 (Interlab)							25.0			24.0			4			7.0			6.0			15			8.0			6.0			29			14.0			4.0			111																			
Nickel	mg/kg	0.5 (Primary): 5 (Interlab)							4.3			4.3			0			4.8			1.5			105			0.92			2.5			92			4.4			<0.5			159																			
Zinc	mg/kg	0.3 (Primary): 5 (Interlab)							30.0			36.0			18			17.0			3.6			130			6.3			10.0			45			31.0			1.5			182																			
Moisture	%	1 (Primary): 0.1 (Interlab)							14.0			11.0			24			11.0			13.0			17			8.0			8.0			0			19.0			15.0			24																			
4,4-DDE	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
a-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Aldrin	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
b-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
cis-Chlordane	mg/kg	0.1																																																											
d-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
DDD	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
DDT	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Dieldrin	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Endosulfan I	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Endosulfan II	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Endosulfan sulphate	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Endrin	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Endrin aldehyde	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Endrin ketone	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
g-BHC (Lindane)	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Heptachlor	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Heptachlor epoxide	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Hexachlorobenzene	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
Methoxychlor	mg/kg	0.1 (Primary): 0.05 (Interlab)																																																											
o,p'-DDD	mg/kg	0.1																																																											
o,p'-DDE	mg/kg	0.1																																																											
o,p'-DDT	mg/kg	0.1																																																											
trans-chlordane	mg/kg	0.1																																																											
trans-Nonachlor	mg/kg	0.1																																																											
Bromophos-ethyl	mg/kg	0.1																																																											
Chlorpyrifos	mg/kg	0.1 (Primary): 0.2 (Interlab)																																																											
Ethion	mg/kg	0.1 (Primary): 0.2 (Interlab)																																																											
Fenitrothion	mg/kg	0.1 (Primary): 0.2 (Interlab)																																																											
Acenaphthene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Acenaphthylene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Anthracene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Benz(a)anthracene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Benzo(a) pyrene	mg/kg	0.05 (Primary): 0.1 (Interlab)							<0.05			<0.05			0			<0.05			<0.05			0																																					
Benzo(b)&(k)fluoranthene	mg/kg	0.2							<0.2			<0.2			0			<0.2			<0.2			0																																					
Benzo(g,h,i)perylene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Chrysene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Dibenz(a,h)anthracene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Fluoranthene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Fluorene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Naphthalene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
PAHs (Sum of total)	mg/kg	1.55 (Primary): 0.1 (Interlab)							<1.55			<1.55			0			<1.55			<1.55			0																																					
Phenanthrene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Pyrene	mg/kg	0.1							<0.1			<0.1			0			<0.1			<0.1			0																																					
Arochlor 1016	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																																																											
Arochlor 1268	mg/kg	0.1																																																											
Aroclor 1221	mg/kg	0.1																																																											
Aroclor 1262	mg/kg	0.1																																																											
PCBs (Sum of total)	mg/kg	0.9																																																											
Phenolics Total	mg/kg	0.5							<0.5			<0.5			0																																														
TPH C 6 - C 9 Fraction	mg/kg	20																																																											
TPH C10 - C14 Fraction	mg/kg	20																																																											
TPH C15 - C28 Fraction	mg/kg	50																																																											
TPH C29-C36 Fraction	mg/kg	50																																																											
TPH C 6 - C 9 Fraction	mg/kg	20							<20.0			<20.0			0			<20.0			<20.0			0																																					
TPH C10 - C14 Fraction	mg/kg	20 (Primary): 50 (Interlab)							<20.0			<20.0			0			<20.0			<20.0			0																																					
TPH C15 - C28 Fraction	mg/kg	50 (Primary): 100 (Interlab)							<50.0			<50.0			0			<50.0			<50.0			0																																					
TPH C29-C36 Fraction	mg/kg	50 (Primary): 100 (Interlab)							<50.0			<50.0			0			<50.0			<50.0			0																																					

Field Duplicates (soil)
Sample.SampleCode Like '%'
Status

SDG	55332	55332		55332	55332		55332	55332		55332	55332		55334	55334		55334	55334		55397	55397		55397	55397	
Field_ID	ETP10	DUP17	RPD	ETP13	DUP18	RPD	ETP17	DUP19	RPD	Composite1	CompDup1	RPD	ETP21	DUP20	RPD	ETP27	DUP22	RPD	Composite26	Composite27	RPD	ETP38	DUP31	RPD
Sampled Date-Time	18/09/2007	18/09/2007		18/09/2007	18/09/2007		18/09/2007	18/09/2007		18/09/2007	18/09/2007		19/09/2007	19/09/2007		19/09/2007	19/09/2007		20/09/2007	20/09/2007		20/09/2007	20/09/2007	
ChemName	Units	EQL																						
Sulphate	mg/kg	2																						
Asbestos ID in soil	-																							
Benzene	mg/kg	0.5 (Primary): 0.05 (Interlab)																						
Ethylbenzene	mg/kg	0.5 (Primary): 0.05 (Interlab)																						
Toluene	mg/kg	0.5 (Primary): 0.05 (Interlab)																						
Xylene Total	mg/kg	1.5 (Primary): 0.05 (Interlab)																						
Cyanide Total	mg/kg	0.5 (Primary): 5 (Interlab)																						
Mercury	mg/kg	0.05 (Primary): 0.1 (Interlab)					<0.5	<0.5	0				<0.5	<0.5	0				<0.05	<0.05	0	<0.05	<0.05	0
Arsenic	mg/kg	3 (Primary): 2 (Interlab)					<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0				<3.0	<3.0	0	3.0	<3.0	0
Cadmium	mg/kg	0.1 (Primary): 0.5 (Interlab)					<3.0	<3.0	0	13.0	<3.0	0	13.0	<3.0	0				0.2	0.1	67	0.2	0.1	67
Chromium (total)	mg/kg	10.0 (Primary): 5 (Interlab)					0.2	0.2	0	4.9	3.1	45	9.6	5.8	49				1.3	1.4	7	5.5	6.9	23
Copper	mg/kg	0.5 (Primary): 5 (Interlab)					19.0	13.0	38	4.3	3.6	18	14.0	16.0	13				1.8	1.9	5	4.2	6.1	37
Lead	mg/kg	1 (Primary): 5 (Interlab)					16.0	14.0	13	8.0	6.0	29	9.0	11.0	20				6.0	7.0	15	9.0	9.0	0
Nickel	mg/kg	0.5 (Primary): 5 (Interlab)					12.0	6.3	62	1.6	0.8	67	15.0	5.1	99				0.6	0.7	15	2.9	7.3	86
Zinc	mg/kg	0.3 (Primary): 5 (Interlab)					52.0	48.0	8	25.0	24.0	4	47.0	43.0	9				11.0	15.0	31	14.0	15.0	7
Moisture	%	1 (Primary): 0.1 (Interlab)					16.0	4.0	120	24.0	22.0	9	6.0	9.0	40				17.0	17.0	0	8.0	7.0	13
4,4-DDE	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
a-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Aldrin	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
b-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
cis-Chlordane	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
d-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
DDD	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
DDT	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Dieldrin	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Endosulfan I	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Endosulfan II	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Endosulfan sulphate	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Endrin	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Endrin aldehyde	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Endrin ketone	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
g-BHC (Lindane)	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Heptachlor	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Heptachlor epoxide	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Hexachlorobenzene	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Methoxychlor	mg/kg	0.1 (Primary): 0.05 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
o,p'-DDO	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
o,p'-DDE	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
o,p'-DDT	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
trans-chlordane	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
trans-Nonachlor	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Bromophos-ethyl	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Chlorpyrifos	mg/kg	0.1 (Primary): 0.2 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Ethion	mg/kg	0.1 (Primary): 0.2 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Fenitrothion	mg/kg	0.1 (Primary): 0.2 (Interlab)					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Acenaphthene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Acenaphthylene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Anthracene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Benz(a)anthracene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Benzo(a) pyrene	mg/kg	0.05 (Primary): 0.1 (Interlab)					<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0				<0.05	<0.05	0	<0.05	<0.05	0
Benzo(b)&(k)fluoranthene	mg/kg	0.2					<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0				<0.2	<0.2	0	<0.2	<0.2	0
Benzo(g,h,i)perylene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Chrysene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Dibenz(a,h)anthracene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Fluoranthene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Fluorene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Naphthalene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
PAHs (Sum of total)	mg/kg	1.55 (Primary): 0.1 (Interlab)					<1.55	<1.55	0	<1.55	<1.55	0	<1.55	<1.55	0				<1.55	<1.55	0	<1.55	<1.55	0
Phenanthrene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Pyrene	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0				<0.1	<0.1	0	<0.1	<0.1	0
Arochlor 1016	mg/kg	0.1					<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0									

Field Duplicates (soil)
Sample.SampleCode Like '%'
Status

SDG	55397	55397		55456	55456		55456	55456		55456	55456		55456	55456		55456	55456		55564	55564		55564	55564		55564
Field_ID	ETP42	DUP33	RPD	ETP102	DUP55	RPD	G1	DUP46	RPD	ST7	DUP47	RPD	HA1	DUP49	RPD	ETP83	DUP53	RPD	EBH5	DUP58	RPD	HA16	DUP59	RPD	HA25
Sampled	Date-Time	20/09/2007	20/09/2007	25/09/2007	25/09/2007		24/09/2007	24/09/2007		24/09/2007	24/09/2007		24/09/2007	24/09/2007		25/09/2007	25/09/2007		27/09/2007	27/09/2007		28/09/2007	28/09/2007		28/09/2007
ChemName	Units	EQL																							
Sulphate	mg/kg	2								4.0	31.0	154													
Asbestos ID in soil	-									0.0	0.0	0													
Benzene	mg/kg	0.5 (Primary): 0.05 (Interlab)								<0.5	<0.5	0	<0.5	<0.5	0							<0.5	<0.5	0	<0.5
Ethylbenzene	mg/kg	0.5 (Primary): 0.05 (Interlab)								<0.5	<0.5	0	<0.5	<0.5	0							<0.5	<0.5	0	<0.5
Toluene	mg/kg	0.5 (Primary): 0.05 (Interlab)								<0.5	<0.5	0	<0.5	<0.5	0							<0.5	<0.5	0	<0.5
Xylene Total	mg/kg	1.5 (Primary): 0.05 (Interlab)								<1.5	<1.5	0	<1.5	<1.5	0							<1.5	<1.5	0	<1.5
Cyanide Total	mg/kg	0.5 (Primary): 5 (Interlab)								<0.5	<0.5	0													
Mercury	mg/kg	0.05 (Primary): 0.1 (Interlab)		0.09	0.07	25	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05
Arsenic	mg/kg	3 (Primary): 2 (Interlab)		5.0	3.0	50	7.0	3.0	80	5.0	<3.0	50	5.0	4.0	22	<3.0	<3.0	0				<3.0	<3.0	0	<3.0
Cadmium	mg/kg	0.1 (Primary): 0.5 (Interlab)		0.2	0.2	0	0.3	0.1	100	0.3	0.2	40	0.3	0.2	40	0.1	<0.1	0				0.2	<0.1	67	0.1
Chromium (total)	mg/kg	0.3 (Primary): 5 (Interlab)		3.7	3.3	11	16.0	9.9	47	10.0	6.1	48	11.0	5.2	72	2.6	3.4	27				6.6	3.1	72	4.0
Copper	mg/kg	0.5 (Primary): 5 (Interlab)		23.0	11.0	71	1.6	1.6	0	23.0	19.0	19	0.9	8.5	162	3.8	4.2	10				12.0	3.7	106	9.5
Lead	mg/kg	1 (Primary): 5 (Interlab)		13.0	12.0	8	14.0	13.0	7	5.0	4.0	22	12.0	16.0	29	10.0	8.0	22				160.0	22.0	152	220.0
Nickel	mg/kg	0.5 (Primary): 5 (Interlab)		1.3	1.2	8	1.1	1.1	0	30.0	27.0	11	0.93	7.3	155	0.9	0.9	0				7.3	1.5	132	5.4
Zinc	mg/kg	0.3 (Primary): 5 (Interlab)		100.0	100.0	0	8.8	8.6	2	25.0	21.0	17	14.0	66.0	130	30.0	27.0	11				34.0	13.0	89	28.0
Moisture	%	1 (Primary): 0.1 (Interlab)		26.0	26.0	0	20.0	22.0	10	3.0	4.0	29	5.0	13.0	89	18.0	18.0	0				9.0	8.0	12	15.0
4,4-DDE	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
a-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Aldrin	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
b-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
cis-Chlordane	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
d-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
DDD	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
DDT	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Dieldrin	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Endosulfan I	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Endosulfan II	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Endosulfan sulphate	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Endrin	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Endrin aldehyde	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Endrin ketone	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
g-BHC (Lindane)	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Heptachlor	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Heptachlor epoxide	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Hexachlorobenzene	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Methoxychlor	mg/kg	0.1 (Primary): 0.05 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
o,p'-DDO	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
o,p'-DDE	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
o,p'-DDT	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
trans-chlordane	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
trans-Nonachlor	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Bromophos-ethyl	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Chlorpyrifos	mg/kg	0.1 (Primary): 0.2 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Ethion	mg/kg	0.1 (Primary): 0.2 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Fenitrothion	mg/kg	0.1 (Primary): 0.2 (Interlab)		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Acenaphthene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Acenaphthylene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Anthracene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Benz(a)anthracene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Benzo(a) pyrene	mg/kg	0.05 (Primary): 0.1 (Interlab)		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0										
Benzo(b)&(k)fluoranthene	mg/kg	0.2		<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0										
Benzo(g,h,i)perylene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Chrysene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Dibenz(a,h)anthracene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Fluoranthene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Fluorene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Naphthalene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
PAHs (Sum of total)	mg/kg	1.55 (Primary): 0.1 (Interlab)		<1.55	<2.15	0	<1.55	<2.15	0	<1.55	<2.15	0	<1.55	<2.15	0										
Phenanthrene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Pyrene	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0										
Arochlor 1016	mg/kg	0.1		<0.1	<0.1	0	<0.1	<0.1</																	

[illegible]

Sample.SampleCode Like '%'

Field Duplicates (soil)
Sample.SampleCode Like '%'
Status

Field_Duplicates (soil)		SDG				55634				55276				55276				55332				55334				55334										
Sample.SampleCode Like '%'		Field_ID		RPD	HA30	Interlab_D	DUP 63	RPD	ETP90	Interlab_D	DUP3	RPD	EBH6	Interlab_D	DUP5	RPD	EBH14	Interlab_D	DUP9	RPD	ETP1	Interlab_D	DUP14	RPD	ETP17	Interlab_D	DUP19	RPD	ETP24	Interlab_D	DUP21	RPD	ETP31	Interlab_D	DUP25	RPD
Status		Sampled Date-Time			Primary	Inter-lab			Primary	Inter-lab			Primary	Inter-lab			Primary	Inter-lab			Primary	Inter-lab			Primary	Inter-lab			Primary	Inter-lab			Primary	Inter-lab		
ChemName	Units	EQ																																		
Sulphate	mg/kg	2																																		
Asbestos ID in soil	-																																			
Benzene	mg/kg	0.5 (Primary): 0.05 (Interlab)											<0.5	<0.05	0		<0.5	<0.05	0												<0.5	<0.05	0			
Ethylbenzene	mg/kg	0.5 (Primary): 0.05 (Interlab)											<0.5	<0.05	0		<0.5	<0.05	0												<0.5	<0.05	0			
Toluene	mg/kg	0.5 (Primary): 0.05 (Interlab)											<0.5	<0.05	0		<0.5	<0.05	0												<0.5	<0.05	0			
Xylene Total	mg/kg	1.5 (Primary): 0.05 (Interlab)											<1.5	<0.1	0		<1.5	<0.05	0												<1.5	<0.05	0			
Cyanide Total	mg/kg	0.5 (Primary): 5 (Interlab)																																		
Mercury	mg/kg	0.05 (Primary): 0.1 (Interlab)	0	<0.05	<0.1	0	<0.05	<0.1	0	<0.05	<0.1	0	<0.05	<0.1	0		<0.5	<5.0	0		<0.5	<5.0	0		<0.5	<5.0	0		<0.05	<0.1	0	<0.05	<0.1	0		
Arsenic	mg/kg	3 (Primary): 2 (Interlab)	2	10.0	7.6	27	5.0	3.9	25	<3.0	<2.0	0	<3.0	<2.0	0		<3.0	5.0	50		<3.0	<2.0	0		<3.0	6.6	75		<3.0	6.6	75	<3.0	<2.0	0		
Cadmium	mg/kg	0.1 (Primary): 0.5 (Interlab)	86	0.5	<0.5	0	0.1	<0.5	133	0.1	<0.5	133	0.1	<0.5	133		0.2	<0.5	86		0.2	<0.5	86		0.1	<0.5	133		0.1	<0.5	133	<0.1	<0.5	0		
Chromium (total)	mg/kg	0.3 (Primary): 5 (Interlab)	75	37.0	<5.0	152	2.3	<5.0	74	4.5	<5.0	11	13.0	<5.0	89		17.0	14.0	19		17.0	14.0	19		10.0	16.0	17		7.5	<5.0	40	6.4	<5.0	25		
Copper	mg/kg	0.5 (Primary): 5 (Interlab)	25	26.0	<5.0	135	2.1	<5.0	82	5.3	5.4	2	17.0	14.0	19		17.0	14.0	19		17.0	14.0	19		10.0	16.0	17		1.5	<5.0	108	1.6	<5.0	103		
Lead	mg/kg	1 (Primary): 5 (Interlab)	7	9.5	10.0	5	8.0	<5.0	46	6.0	<5.0	18	59.0	54.0	9		59.0	54.0	9		59.0	54.0	9		16.0	12.0	29		5.0	5.8	15	6.0	<5.0	18		
Nickel	mg/kg	0.5 (Primary): 5 (Interlab)	74	1.7	<5.0	99	0.7	<5.0	151	1.1	<5.0	128	18.0	17.0	6		18.0	17.0	6		18.0	17.0	6		12.0	<5.0	82		0.7	<5.0	151	0.8	<5.0	145		
Zinc	mg/kg	0.3 (Primary): 5 (Interlab)	0	7.4	5.7	26	4.5	6.8	41	39.0	32.0	20	76.0	52.0	38		76.0	52.0	38		76.0	52.0	38		16.0	10.0	46		5.3	5.2	2	12.0	11.0	9		
Moisture	%	1 (Primary): 0.1 (Interlab)	43	3.0	6.6	75	12.0	13.0	8	22.0	26.0	17	19.0	17.0	11		6.0	4.9	20		6.0	4.9	20		16.0	10.0	46		16.0	17.0	6	11.0	14.0	24		
4,4-DDE	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
a-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Aldrin	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
b-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
cis-Chlordane	mg/kg	0.1																																		
d-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
DDD	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
DDT	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Dieldrin	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Endosulfan I	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Endosulfan II	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Endosulfan sulphate	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Endrin	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Endrin aldehyde	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Endrin ketone	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
g-BHC (Lindane)	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Heptachlor	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Heptachlor epoxide	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Hexachlorobenzene	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
Methoxychlor	mg/kg	0.1 (Primary): 0.05 (Interlab)											<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0		<0.1	<0.05	0	
o,p'-DDD	mg/kg	0.1																																		
o,p'-DDE	mg/kg	0.1																																		
o,p'-DDT	mg/kg	0.1																																		
trans-chlordane	mg/kg	0.1																																		
trans-Nonachlor	mg/kg	0.1																																		
Bromophos-ethyl	mg/kg	0.1																																		
Chlorpyrifos	mg/kg	0.1 (Primary): 0.2 (Interlab)																																		
Ethion	mg/kg	0.1 (Primary): 0.2 (Interlab)																																		

*RPD's are calculated where a concentration is greater than 1 times the EQL

**High RPD's are in bold (Acceptable RPD's for each EQL multiplier range

***Interlab Duplicates are matched on a per compound basis as methods

Field Duplicates (soil)
Sample.SampleCode Like '%'
Status

SDG		55397	Interlab_D		RPD	55397	Interlab_D		RPD	55397	Interlab_D		RPD
Field_ID		ETP40	DUP32	DUP32	RPD	ETP47	DUP35	DUP35	RPD	ETP50	DUP36	DUP36	RPD
Sampled Date-Time		Primary	Inter-lab	Inter-lab		Primary	Inter-lab	Inter-lab		Primary	Inter-lab	Inter-lab	
		20/09/2007	20/09/2007	20/09/2007		20/09/2007	20/09/2007	20/09/2007		20/09/2007	20/09/2007	20/09/2007	
ChemName	Units	EQL											
Sulphate	mg/kg	2											
Asbestos ID in soil	-												
Benzene	mg/kg	0.5 (Primary): 0.05 (Interlab)											
Ethylbenzene	mg/kg	0.5 (Primary): 0.05 (Interlab)											
Toluene	mg/kg	0.5 (Primary): 0.05 (Interlab)											
Xylene Total	mg/kg	1.5 (Primary): 0.05 (Interlab)											
Cyanide Total	mg/kg	0.5 (Primary): 5 (Interlab)											
Mercury	mg/kg	0.05 (Primary): 0.1 (Interlab)	<0.05	<0.1	0	<0.05	<0.1	0	<0.05	<0.1	0		
Arsenic	mg/kg	3 (Primary): 2 (Interlab)	<3.0	<2.0	0	<3.0	<2.0	0	4.0	2.6	42		
Cadmium	mg/kg	0.1 (Primary): 0.5 (Interlab)	0.1	<0.5	133	<0.1	<0.5	0	0.1	<0.5	133		
Chromium (total)	mg/kg	0.3 (Primary): 5 (Interlab)	4.7	<5.0	6	4.6	8.4	58	5.6	<5.0	11		
Copper	mg/kg	0.5 (Primary): 5 (Interlab)	8.8	8.3	6	1.4	<5.0	113	8.4	12.0	35		
Lead	mg/kg	1 (Primary): 5 (Interlab)	8.0	5.2	42	3.0	<5.0	50	22.0	12.0	59		
Nickel	mg/kg	0.5 (Primary): 5 (Interlab)	8.4	6.7	23	0.8	<5.0	145	8.6	12.0	33		
Zinc	mg/kg	0.3 (Primary): 5 (Interlab)	24.0	22.0	9	3.9	<5.0	25	28.0	27.0	4		
Moisture	%	1 (Primary): 0.1 (Interlab)	7.0	8.8	23	11.0	9.6	14	13.0	8.3	44		
4,4-DDE	mg/kg	0.1 (Primary): 0.05 (Interlab)											
a-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Aldrin	mg/kg	0.1 (Primary): 0.05 (Interlab)											
b-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)											
cis-Chlordane	mg/kg	0.1											
d-BHC	mg/kg	0.1 (Primary): 0.05 (Interlab)											
DDD	mg/kg	0.1 (Primary): 0.05 (Interlab)											
DDT	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Dieldrin	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Endosulfan I	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Endosulfan II	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Endosulfan sulphate	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Endrin	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Endrin aldehyde	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Endrin ketone	mg/kg	0.1 (Primary): 0.05 (Interlab)											
g-BHC (Lindane)	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Heptachlor	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Heptachlor epoxide	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Hexachlorobenzene	mg/kg	0.1 (Primary): 0.05 (Interlab)											
Methoxychlor	mg/kg	0.1 (Primary): 0.05 (Interlab)											
o,p'-DDO	mg/kg	0.1											
o,p'-DDE	mg/kg	0.1											
o,p'-DDT	mg/kg	0.1											
trans-chlordane	mg/kg	0.1											
trans-Nonachlor	mg/kg	0.1											
Bromophos-ethyl	mg/kg	0.1											
Chlorpyrifos	mg/kg	0.1 (Primary): 0.2 (Interlab)											
Ethion	mg/kg	0.1 (Primary): 0.2 (Interlab)											
Fenitrothion	mg/kg	0.1 (Primary): 0.2 (Interlab)											
Acenaphthene	mg/kg	0.1											
Acenaphthylene	mg/kg	0.1											
Anthracene	mg/kg	0.1											
Benz(a)anthracene	mg/kg	0.1											
Benzo(a) pyrene	mg/kg	0.05 (Primary): 0.1 (Interlab)											
Benzo(b)&(k)fluoranthene	mg/kg	0.2											
Benzo(g,h,i)perylene	mg/kg	0.1											
Chrysene	mg/kg	0.1											
Dibenz(a,h)anthracene	mg/kg	0.1											
Fluoranthene	mg/kg	0.1											
Fluorene	mg/kg	0.1											
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1											
Naphthalene	mg/kg	0.1											
PAHs (Sum of total)	mg/kg	1.55 (Primary): 0.1 (Interlab)											
Phenanthrene	mg/kg	0.1											
Pyrene	mg/kg	0.1											
Arochlor 1016	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											
Arochlor 1268	mg/kg	0.1											
Arochlor 1221	mg/kg	0.1											
Arochlor 1262	mg/kg	0.1											
PCBs (Sum of total)	mg/kg	0.9											
Phenolics Total	mg/kg	0.5											
TPH C 6 - C 9 Fraction	mg/kg	20											
TPH C10 - C14 Fraction	mg/kg	20											
TPH C15 - C28 Fraction	mg/kg	50											
TPH C29-C36 Fraction	mg/kg	50											
TPH C 6 - C 9 Fraction	mg/kg	20											
TPH C10 - C14 Fraction	mg/kg	20 (Primary): 50 (Interlab)											
TPH C15 - C28 Fraction	mg/kg	50 (Primary): 100 (Interlab)											
TPH C29-C36 Fraction	mg/kg	50 (Primary): 100 (Interlab)											

*RPD's are calculated where a concentration is greater than 1 times the EQL

**High RPD's are in bold (Acceptable RPD's for each EQL multiplier range

***Interlab Duplicates are matched on a per compound basis as methods

Sample.SampleCode Like '%'

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Lab Duplicates with high RPD's

SDG	Matrix T	Lab Duplicate	Field ID	Depth	Sampled Date	Method Name	Compound
215313	SOIL	07-Oc00326-DUP	DUP 48		1/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Nickel
215313	SOIL	07-Oc00326-DUP	DUP 48		1/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Arsenic
215313	SOIL	07-Oc00326-DUP	DUP 48		1/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Chromium
215313	SOIL	07-Oc00326-DUP	DUP 48		1/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Zinc
215611	SOIL	07-Oc02191-DUP	DUP60		5/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Nickel
215611	SOIL	07-Oc02191-DUP	DUP60		5/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Arsenic
215611	SOIL	07-Oc02191-DUP	DUP60		5/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Chromium
215611	SOIL	07-Oc02191-DUP	DUP60		5/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Copper
215611	SOIL	07-Oc02191-DUP	DUP60		5/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Zinc
215612	SOIL	07-Oc02199-DUP	DUP57		5/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Nickel
215612	SOIL	07-Oc02199-DUP	DUP57		5/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Arsenic
215612	SOIL	07-Oc02199-DUP	DUP57		5/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Copper
215612	SOIL	07-Oc02199-DUP	DUP57		5/10/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Zinc
214826	SOIL	07-Se06268-DUP	DUP3		12/09/2007	USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Lead
214826	SOIL	07-Se06268-DUP	DUP3		12/09/2007	USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Arsenic
214826	SOIL	07-Se06268-DUP	DUP3		12/09/2007	USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Chromium
214826	SOIL	07-Se06268-DUP	DUP3		12/09/2007	USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Zinc
214826	SOIL	07-Se06269-DUP	DUP5		12/09/2007	USEPA 8270C Polycyclic Aromatic Hydrocarbons	Phenanthrene
214826	SOIL	07-Se06269-DUP	DUP5		12/09/2007	USEPA 8270C Polycyclic Aromatic Hydrocarbons	Fluorene
214826	SOIL	07-Se06269-DUP	DUP5		12/09/2007	USEPA 8270C Polycyclic Aromatic Hydrocarbons	Total PAH
214916	SOIL	07-Se06835-DUP	DUP14		18/09/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Lead
214916	SOIL	07-Se06835-DUP	DUP14		18/09/2007	USEPA 6010B Heavy Metals & USEPA7470/71 Mercury	Zinc
214916	SOIL	07-Se06838-DUP	DUP25		18/09/2007	MGT100A-GC Total Recoverable Hydrocarbons	TRH C10-C14 Fr
214916	SOIL	07-Se06838-DUP	DUP25		18/09/2007	MGT100A-GC Total Recoverable Hydrocarbons	TRH C15-C28 Fr
214916	SOIL	07-Se06838-DUP	DUP25		18/09/2007	MGT100A-GC Total Recoverable Hydrocarbons	TRH C29-C36 Fr
215112	SOIL	07-Se08070-DUP	DUP32		20/09/2007	USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Lead
215112	SOIL	07-Se08070-DUP	DUP32		20/09/2007	USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Chromium
215112	SOIL	07-Se08070-DUP	DUP32		20/09/2007	USEPA 6010B Heavy Metals & USEPA 7470/71 Mercury	Copper
55332	soil	55332-4DUP1	EBH20	0.5 - 0.95	17/09/2007	SEM-010 - Metals by ICP	Chromium
55334	soil	55334-47DUP1	ETP22	0 - 0.1	19/09/2007	SEM-010 - Metals by ICP	Nickel
55334	soil	55334-47DUP1	ETP22	0 - 0.1	19/09/2007	SEM-010 - Metals by ICP	Chromium
55334	soil	55334-47DUP1	ETP22	0 - 0.1	19/09/2007	SEM-010 - Metals by ICP	Copper
55334	soil	55334-47DUP1	ETP22	0 - 0.1	19/09/2007	SEM-010 - Metals by ICP	Zinc
55456	soil	55456-17DUP1	ST8		24/09/2007	SEO-030 - PAHs by GC/MS	Benzo[a]pyrene
55634	soil	55634-23DUP1	HA31	0 - 0.1	4/10/2007	SEM-010 - Metals by ICP	Copper

Parent_Result	Dupe_Result	Result_Unit	EQL	RPD
<5	20	MG/KG	5 mg/kg	120
<2	7	MG/KG	2 mg/kg	111
<5	30	MG/KG	5 mg/kg	143
50	15	MG/KG	5 mg/kg	108
<5	43	MG/KG	5 mg/kg	158
13	68	MG/KG	2 mg/kg	136
17	<5	MG/KG	5 mg/kg	109
7.1	36	MG/KG	5 mg/kg	134
<5	180	MG/KG	5 mg/kg	189
<5	45	MG/KG	5 mg/kg	160
4.9	71	MG/KG	2 mg/kg	174
<5	37	MG/KG	5 mg/kg	152
10	190	MG/KG	5 mg/kg	180
<5	16	MG/KG	5 mg/kg	105
3.9	28	MG/KG	2 mg/kg	151
<5	24	MG/KG	5 mg/kg	131
6.8	25	MG/KG	5 mg/kg	114
<0.1	1	MG/KG	0.1 mg/kg	164
<0.1	0.7	MG/KG	0.1 mg/kg	150
<0.1	1.7	MG/KG	0.1 mg/kg	178
54	<5	MG/KG	5 mg/kg	166
52	23	MG/KG	5 mg/kg	77
<50	620	MG/KG	50 mg/kg	170
<100	3600	MG/KG	100 mg/kg	189
<100	1000	MG/KG	100 mg/kg	164
5.2	180	MG/KG	5 mg/kg	189
<5	21	MG/KG	5 mg/kg	123
8.3	92	MG/KG	5 mg/kg	167
3.8	1.6	mg/kg	0.3 mg/kg	81
0.7	4	mg/kg	0.5 mg/kg	140
5.7	9.8	mg/kg	0.3 mg/kg	53
1.5	2.8	mg/kg	0.5 mg/kg	60
3.8	6.4	mg/kg	0.3 mg/kg	51
0.29	0.17	mg/kg	0.05 mg/kg	52
22	13	mg/kg	0.5 mg/kg	51

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Surrogate Variation > 40%

SDG	Sample_Type	Matrix_Type	SampleCode	Field_ID	Depth	Sampled Date	Compound	Recovery %	Unit
215313	Interlab_D	SOIL	07-Oc00328	DUP 54		1/10/2007	Fluorobenzene (surr.)	56	%
214916	Interlab_D	SOIL	07-Se06835	DUP14		18/09/2007	Dibutylchlorodate (surr.)	55	%
214916	Interlab_D	SOIL	07-Se06835	DUP14		18/09/2007	Tetrachloro-m-xylene (surr.)	51	%
214916	Interlab_D	SOIL	07-Se06838	DUP25		18/09/2007	Phenol-d6 (surr.)	51	%
55398A	Normal	water	55398A-55	DW-1		3/10/2007	p-Terphenyl-d14	46	%
55398A	Normal	water	55398A-56	DW-2		24/09/2007	p-Terphenyl-d14	46	%
55398A	Normal	water	55398A-57	DW-3		24/09/2007	p-Terphenyl-d14	43	%
55456	MB	soil	BLANK2_55456				1,2-Dichloroethane-d4	0	% recovery
55456	MB	soil	BLANK2_55456				Dibromofluoromethane	0	% Recovery
55456	MB	soil	BLANK2_55456				Toluene-d8Surrogate 2	0	% recovery
55456	MB	soil	BLANK2_55456				4-BromofluorobenzeneSurrogate	0	% recovery
55397	MB	soil	BLANK2-55397				1,2-Dichloroethane-d4	0	% recovery
55397	MB	soil	BLANK2-55397				Dibromofluoromethane	0	% Recovery
55397	MB	soil	BLANK2-55397				Toluene-d8Surrogate 2	0	% recovery
55397	MB	soil	BLANK2-55397				4-BromofluorobenzeneSurrogate	0	% recovery
55397	MB	soil	BLANK2-55397				BTEX Surrogate (%)	0	%
55456	MB	soil	BLANK3_55456				1,2-Dichloroethane-d4	0	% recovery
55456	MB	soil	BLANK3_55456				Dibromofluoromethane	0	% Recovery
55456	MB	soil	BLANK3_55456				Toluene-d8Surrogate 2	0	% recovery
55456	MB	soil	BLANK3_55456				4-BromofluorobenzeneSurrogate	0	% recovery
55456	MB	soil	BLANK3_55456				BTEX Surrogate (%)	0	%
215313	MB	SOIL	METHODBLANK_1_215313			1/10/2007	Tetrachloro-m-xylene (surr.)	56	mg/l
55634A-f	Normal	water	55634A-R-7	MW5		3/10/2007	p-Terphenyl-d14	53	%

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Laboratory Control Samples, Error > 40%

SDG	Matrix	SampleCode	Method_Name	OriginalChemName	Recovery %	Unit	Result_Type
55634A-R	water	LCS55634A	SEO-030 - PAHs by GC/MS	Benzo[a]pyrene	36	%	REG
55634A-R	water	LCS55634A	Ext-003 - Subcontracted to SGS Enviro. Perth	ethyl Parathion	48	%	REG
55634A-R	water	LCS55634A	SEO-030 - PAHs by GC/MS	Naphthalene	57	%	REG
55634A-R	water	LCS55634A-R	SEO-030 - PAHs by GC/MS	Naphthalene	57	%	REG
55634A-R	water	LCS55634A-R	SEO-030 - PAHs by GC/MS	Benzo[a]pyrene	36	%	REG
55634A-R	water	LCS55634A-R	Ext-003 - Subcontracted to SGS Enviro. Perth	ethyl Parathion	48	%	REG

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Less than 1 matrix spike in 20 samples, or less than 1 matrix duplicate in 20 samples

Matrix_Type	Number_of_Samples	Number_of_Matrix_Spike_Samples	Number_of_Matrix_Spike_Dupe_Samples
fibro	10	0	0
SOIL	790	77	0
WATER	77	8	0

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Matrix Spike Recoveries less than 60% or greater than 140%

SDG	Matrix_T	SampleCode	Field_ID	Depth	Sampled_D	Method_Name	Compound	Recovery %	Result_T
55398A	water	55398A-55MS				SEO-030 - PAHs by GC/MS	Benzo[a]pyrene	57	REG

Sample ID Laboratory Batch Date Sampled	Units	PQL	WB-1 55276 12/09/2007	WB-1 55276 12/09/2007	WB-2 55276 14/09/2007	Trip_spike 55276 14/09/2007	Tripblank 55276 14/09/2007	WB-3 55332 17/09/2007	TRIP BLANK 55332 12/09/2007	TRIP SPIKE 55332 12/09/2007	WB-4 55332 18/09/2007	WB5 55534 19/09/2007	WB-6 55397 20/09/2007
Benzene	µg/L	<1	<1	-	<1	113%	<1	<1	<1	103%	<1	<1	<1
Toluene	µg/L	<1	<1	-	<1	116%	<1	<1	<1	102%	<1	<1	<1
Ethylbenzene	µg/L	<1	<1	-	<1	115%	<1	<1	<1	101%	<1	<1	<1
Total Xylenes	µg/L	<3	<3	-	<3	111%	<3	<3	<3	100%	<3	<3	<3
	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C ₆ - C ₉ P&T	µg/L	<40	<40	-	<40	-	-	<40	-	-	<40	<40	<40
TRH C ₁₀ - C ₁₄	µg/L	<100	<100	-	<100	-	-	<100	-	-	<100	<100	<100
TRH C ₁₅ - C ₂₈	µg/L	<200	<200	-	<200	-	-	<200	-	-	<200	<200	<200
TRH C ₂₉ - C ₃₆	µg/L	<200	<200	-	<200	-	-	<200	-	-	<200	<200	<200
	-	-	-	-	-	-	-	-	-	-	-	-	-
23 OCP	µg/L	<0.2	-	-	-	-	-	-	-	-	<0.2	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
4 OPP	µg/L	<0.2	-	-	-	-	-	-	-	-	<0.2	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCB	µg/L	<10	-	-	-	-	-	-	-	-	<10	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	<1	<1	<1	<1	-	-	<1	-	-	<1	<1	<1
Cadmium	µg/L	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	0.14	0.63
Chromium	µg/L	<1	<1	<1	<1	-	-	<1	-	-	<1	<1	<1
Copper	µg/L	<1	1.9	1.9	1.7	-	-	2	-	-	13	5.8	18
Lead	µg/L	<1	<1	<1	<1	-	-	<1	-	-	<1	<1	1.1
Mercury (Dissolved)	mg/L	<0.5	<0.5	-	<0.5	-	-	<0.5	-	-	<0.5	<0.5	<0.5
Nickel	µg/L	<1	<1	<1	<1	-	-	<1	-	-	2.4	1.1	5.9
Zinc	µg/L	<1	8.1	8.2	4.7	-	-	10	-	-	57	26	56

Sample ID Laboratory Batch Date Sampled	Units	PQL	Trip Spike 55398 20/09/2007	Trip Blank 55398 20/09/2007	WB-7 55398 21/09/2007	WB-8 55456 24/09/2007	TRIP SPIKE 55456 20/09/2007	TRIP BLANK 55456 20/09/2007	TRIP SPIKE 55456 25/09/2007	TRIP BLANK 55456 25/09/2007	Wash Blank 10 55456 28/09/2007	WB-9 55564 27/09/2007	WB Master 55564 27/09/2007
Benzene	µg/L	<1	[NT]	[NT]	<1	<1	95%	<1	99%	<1	<1	<1	<1
Toluene	µg/L	<1	[NT]	[NT]	<1	<1	95%	<1	97%	<1	<1	<1	<1
Ethylbenzene	µg/L	<1	[NT]	[NT]	<1	<1	96%	<1	96%	<1	<1	<1	<1
Total Xylenes	µg/L	<3	[NT]	[NT]	<3	<3	96%	<3	96%	<3	<3	<3	<3
	-	-	-	-	-	-	-	-	-	-	-	-	-
TRH C ₆ - C ₉ P&T	µg/L	<40	-	-	<40	<40	-	-	-	-	<40	<40	<40
TRH C ₁₀ - C ₁₄	µg/L	<100	-	-	<50	<100	-	-	-	-	<100	<100	<100
TRH C ₁₅ - C ₂₈	µg/L	<200	-	-	<100	<200	-	-	-	-	<200	<200	<200
TRH C ₂₉ - C ₃₆	µg/L	<200	-	-	<100	<200	-	-	-	-	<200	<200	<200
	-	-	-	-	-	-	-	-	-	-	-	-	-
23 OCP	µg/L	<0.2	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
4 OPP	µg/L	<0.2	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCB	µg/L	<10	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	<1	-	-	<1	<1	-	-	-	-	<1	<1	<1
Cadmium	µg/L	<0.1	-	-	<0.1	<0.1	-	-	-	-	<0.1	<0.1	<0.1
Chromium	µg/L	<1	-	-	<1	1.1	-	-	-	-	<1	<1	<1
Copper	µg/L	<1	-	-	6.6	2.8	-	-	-	-	1.6	3.5	1.2
Lead	µg/L	<1	-	-	1.2	<1	-	-	-	-	<1	4.2	<1
Mercury (Dissolved)	mg/L	<0.5	-	-	<0.5	<0.5	-	-	-	-	<0.5	<0.5	<0.5
Nickel	µg/L	<1	-	-	2.6	<1	-	-	-	-	1.1	1.1	<1
Zinc	µg/L	<1	-	-	28	9.7	-	-	-	-	5.5	3.6	3.6

Sample ID Laboratory Batch Date Sampled	Units	PQL	TRIP SPIKE 55634 3/10/2007	TRIP BLANK 55634 3/10/2007	WB-11 55634 4/10/2007
Benzene	µg/L	<1	85%	<1	<1
Toluene	µg/L	<1	83%	<1	<1
Ethylbenzene	µg/L	<1	84%	<1	<1
Total Xylenes	µg/L	<3	86%	<3	<3
		-	-	-	-
TRH C ₆ - C ₉ P&T	µg/L	<40	-	-	<40
TRH C ₁₀ - C ₁₄	µg/L	<100	-	-	<40
TRH C ₁₅ - C ₂₈	µg/L	<200	-	-	<200
TRH C ₂₉ - C ₃₆	µg/L	<200	-	-	<200
		-	-	-	-
23 OCP	µg/L	<0.2	-	-	-
		-	-	-	-
4 OPP	µg/L	<0.2	-	-	-
		-	-	-	-
Total PCB	µg/L	<10	-	-	-
		-	-	-	-
Arsenic	µg/L	<1	-	-	<1
Cadmium	µg/L	<0.1	-	-	<0.1
Chromium	µg/L	<1	-	-	<1
Copper	µg/L	<1	-	-	2.1
Lead	µg/L	<1	-	-	<1
Mercury (Dissolved)	mg/L	<0.5	-	-	<0.5
Nickel	µg/L	<1	-	-	1.6
Zinc	µg/L	<1	-	-	11