

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-106 Composite 19 Soil - 20/09/2007 10+11+12	55397-107 Composite 20 Soil - 20/09/2007 13+14+15	55397-108 Composite 21 Soil - 20/09/2007 16+17+18	55397-109 Composite 22 Soil - 20/09/2007 19+20+21	55397-110 Composite 23 Soil - 20/09/2007 22+23+24
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	129	129	112	114	109

OC Pesticides in Soil Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-111 Composit e 24 Soil - 20/09/2007 25+26+27	55397-112 Composit e 25 Soil - 20/09/2007 28+29+30	55397-113 Composit e 26 Soil - 20/09/2007 31+32+33	55397-114 Composit e 27 Soil - 20/09/2007 39+40+41
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate	%	110	107	113	109

OP Pesticides in Soil						
Our Reference:	UNITS	55397-2	55397-23	55397-44	55397-48	55397-54
Your Reference	-----	S17	SS81	ETP38	ETP39	ETP40
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	-	0.9-1.0	0.4-0.5	0.9-1.0
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	110	107	117	121	119

OP Pesticides in Soil						
Our Reference:	UNITS	55397-56	55397-60	55397-64	55397-70	55397-74
Your Reference	-----	ETP41	ETP42	ETP43	ETP44	ETP45
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		0.0-0.1	0.4-0.5	0.4-0.5	0.4-0.5	0.4-0.5
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	119	121	122	121	118

OP Pesticides in Soil						
Our Reference:	UNITS	55397-76	55397-79	55397-82	55397-88	55397-91
Your Reference	-----	ETP46	ETP47	ETP48	ETP49	ETP50
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		0.0-0.1	0.0-0.1	0.0-0.1	0.9-1.0	0.4-0.5
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	117	124	121	118	124

OP Pesticides in Soil Our Reference: Your Reference	UNITS -----	55397-93 ETP51	55397-97 ETP52	55397-100 ETP53	55397-103 Composite 16 Soil	55397-104 Composite 17 Soil
Sample Type Depth Date Sampled Composite Reference	-----	Soil 0.0-0.1 20/09/2007	Soil 0.4-0.5 20/09/2007	Soil 0.0-0.1 20/09/2007	- 20/09/2007 1+2+3	- 20/09/2007 4+5+6
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	111	111	117	87	109

OP Pesticides in Soil Our Reference: Your Reference	UNITS -----	55397-105 Composite 18 Soil	55397-106 Composite 19 Soil	55397-107 Composite 20 Soil	55397-108 Composite 21 Soil	55397-109 Composite 22 Soil
Sample Type Depth Date Sampled Composite Reference	-----	- 20/09/2007 7+8+9	- 20/09/2007 10+11+12	- 20/09/2007 13+14+15	- 20/09/2007 16+17+18	- 20/09/2007 19+20+21
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	123	129	129	112	114

OP Pesticides in Soil Our Reference: Your Reference	UNITS -----	55397-110 Composite 23 Soil	55397-111 Composite 24 Soil	55397-112 Composite 25 Soil	55397-113 Composite 26 Soil	55397-114 Composite 27 Soil
Sample Type Depth Date Sampled Composite Reference	-----	- 20/09/2007 22+23+24	- 20/09/2007 25+26+27	- 20/09/2007 28+29+30	- 20/09/2007 31+32+33	- 20/09/2007 39+40+41
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	109	110	107	113	109

PCBs in Soil						
Our Reference:	UNITS	55397-2	55397-23	55397-35	55397-36	55397-37
Your Reference	-----	S17	SS81	SS93	SS94	SS95
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	-	-	-	-
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	110	107	116	110	112

PCBs in Soil						
Our Reference:	UNITS	55397-38	55397-44	55397-48	55397-54	55397-56
Your Reference	-----	SS96	ETP38	ETP39	ETP40	ETP41
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	0.9-1.0	0.4-0.5	0.9-1.0	0.0-0.1
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	121	117	121	119	119

PCBs in Soil Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-60 ETP42 Soil 0.4-0.5 20/09/2007	55397-64 ETP43 Soil 0.4-0.5 20/09/2007	55397-70 ETP44 Soil 0.4-0.5 20/09/2007	55397-74 ETP45 Soil 0.4-0.5 20/09/2007	55397-76 ETP46 Soil 0.0-0.1 20/09/2007
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	121	122	121	118	117

PCBs in Soil Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-79 ETP47 Soil 0.0-0.1 20/09/2007	55397-82 ETP48 Soil 0.0-0.1 20/09/2007	55397-88 ETP49 Soil 0.9-1.0 20/09/2007	55397-91 ETP50 Soil 0.4-0.5 20/09/2007	55397-93 ETP51 Soil 0.0-0.1 20/09/2007
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	124	121	118	124	111

PCBs in Soil Our Reference: Your Reference	UNITS -----	55397-97 ETP52	55397-100 ETP53	55397-103 Composit e 16	55397-104 Composit e 17	55397-105 Composit e 18
Sample Type Depth Date Sampled Composite Reference	-----	Soil 0.4-0.5 20/09/2007	Soil 0.0-0.1 20/09/2007	Soil - 20/09/2007 1+2+3	Soil - 20/09/2007 4+5+6	Soil - 20/09/2007 7+8+9
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	111	117	87	109	123

PCBs in Soil Our Reference: Your Reference	UNITS -----	55397-106 Composite 19	55397-107 Composite 20	55397-108 Composite 21	55397-109 Composite 22	55397-110 Composite 23
Sample Type Depth Date Sampled Composite Reference	-----	Soil - 20/09/2007 10+11+12	Soil - 20/09/2007 13+14+15	Soil - 20/09/2007 16+17+18	Soil - 20/09/2007 19+20+21	Soil - 20/09/2007 22+23+24
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007	27/09/2007
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	129	129	112	114	109

PCBs in Soil Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-111 Composit e 24 Soil - 20/09/2007 25+26+27	55397-112 Composit e 25 Soil - 20/09/2007 28+29+30	55397-113 Composit e 26 Soil - 20/09/2007 31+32+33	55397-114 Composit e 27 Soil - 20/09/2007 39+40+41
Date Extracted		27/09/2007	27/09/2007	27/09/2007	27/09/2007
Date Analysed		27/09/2007	27/09/2007	27/09/2007	27/09/2007
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	110	107	113	109

Metals in Soil by ICP-OES						
Our Reference:	UNITS	55397-2	55397-23	55397-35	55397-36	55397-37
Your Reference	-----	S17	SS81	SS93	SS94	SS95
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	-	-	-	-
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Date Analysed		26.0907	26.0907	26.0907	26.0907	26.0907
Arsenic	mg/kg	<3	<3	6	3	5
Cadmium	mg/kg	0.1	<0.1	0.2	<0.1	0.2
Chromium	mg/kg	5.2	2.3	3.8	4.6	10
Copper	mg/kg	6.2	2.1	2.2	8.0	6.8
Lead	mg/kg	5	6	9	3	6
Nickel	mg/kg	7.7	0.8	0.8	9.3	7.7
Zinc	mg/kg	11	7.7	14	12	15

Metals in Soil by ICP-OES						
Our Reference:	UNITS	55397-38	55397-42	55397-44	55397-48	55397-49
Your Reference	-----	SS96	ETP38	ETP38	ETP39	ETP39
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	0.0-0.1	0.9-1.0	0.4-0.5	0.9-1.0
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Date Analysed		26.0907	26.0907	26.0907	26.0907	26.0907
Arsenic	mg/kg	3	3	3	5	<3
Cadmium	mg/kg	<0.1	0.2	0.2	0.2	0.2
Chromium	mg/kg	1.9	5.5	6.5	11	5.8
Copper	mg/kg	1.3	4.2	5.8	4.5	11
Lead	mg/kg	4	9.0	9.9	15	28
Nickel	mg/kg	<0.5	2.9	3.8	2.3	7.6
Zinc	mg/kg	3.1	14	24	15	43

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-51 DUP31 Soil - 20/09/2007	55397-52 ETP40 Soil 0.0-0.1 20/09/2007	55397-54 ETP40 Soil 0.9-1.0 20/09/2007	55397-56 ETP41 Soil 0.0-0.1 20/09/2007	55397-57 ETP41 Soil 0.4-0.5 20/09/2007
Date Extracted		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Date Analysed		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Arsenic	mg/kg	<3	<3	3	<3	6
Cadmium	mg/kg	0.1	0.1	0.1	0.1	0.2
Chromium	mg/kg	6.9	4.7	6.7	4.7	20
Copper	mg/kg	6.1	8.8	6.1	9.2	1.7
Lead	mg/kg	9	8	10	15	4
Nickel	mg/kg	7.3	8.4	4.7	9.8	<0.5
Zinc	mg/kg	15	24	18	23	2.2

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-60 ETP42 Soil 0.4-0.5 20/09/2007	55397-64 ETP43 Soil 0.4-0.5 20/09/2007	55397-65 ETP43 Soil 0.9-1.0 20/09/2007	55397-70 ETP44 Soil 0.4-0.5 20/09/2007	55397-73 ETP45 Soil 0.0-0.1 20/09/2007
Date Extracted		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Date Analysed		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Arsenic	mg/kg	<3	<3	4	<3	3
Cadmium	mg/kg	<0.1	0.1	0.2	0.1	0.2
Chromium	mg/kg	4.0	5.4	11	4.5	7.4
Copper	mg/kg	4.0	8.1	13	6.6	7.3
Lead	mg/kg	8	20	13	38	12
Nickel	mg/kg	2.8	5.8	12	4.8	4.8
Zinc	mg/kg	14	89	130	25	37

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-74 ETP45 Soil 0.4-0.5 20/09/2007	55397-76 ETP46 Soil 0.0-0.1 20/09/2007	55397-79 ETP47 Soil 0.0-0.1 20/09/2007	55397-80 ETP47 Soil 0.4-0.5 20/09/2007	55397-82 ETP48 Soil 0.0-0.1 20/09/2007
Date Extracted		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Date Analysed		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Arsenic	mg/kg	4	<3	<3	<3	5
Cadmium	mg/kg	0.1	0.1	<0.1	<0.1	0.2
Chromium	mg/kg	6.9	3.7	4.6	6.1	11
Copper	mg/kg	7.2	7.6	1.4	<0.5	8.5
Lead	mg/kg	7	15	3	2	46
Nickel	mg/kg	5.2	5.9	0.8	0.9	4.4
Zinc	mg/kg	30	24	3.9	1.8	46

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-86 ETP49 Soil 0.0-0.1 20/09/2007	55397-88 ETP49 Soil 0.9-1.0 20/09/2007	55397-90 ETP50 Soil 0.0-0.1 20/09/2007	55397-91 ETP50 Soil 0.4-0.5 20/09/2007	55397-93 ETP51 Soil 0.0-0.1 20/09/2007
Date Extracted		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Date Analysed		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Arsenic	mg/kg	<3	10	4	7	3
Cadmium	mg/kg	0.2	0.4	0.1	0.2	0.2
Chromium	mg/kg	6.5	17	5.6	21	6.1
Copper	mg/kg	10	7.8	8.4	1.2	5.7
Lead	mg/kg	10	13	22	6	15
Nickel	mg/kg	8.1	9.0	8.6	1.9	3.7
Zinc	mg/kg	28	27	28	4.3	22

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-94 ETP51 Soil 0.4-0.5 20/09/2007	55397-97 ETP52 Soil 0.4-0.5 20/09/2007	55397-98 ETP52 Soil 0.9-1.0 20/09/2007	55397-100 ETP53 Soil 0.0-0.1 20/09/2007	55397-103 Composite 16 Soil - 20/09/2007 1+2+3
Date Extracted		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Date Analysed		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Arsenic	mg/kg	4	<3	<3	4	3
Cadmium	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1
Chromium	mg/kg	15	16	3.3	4.0	3.7
Copper	mg/kg	0.8	9.1	1.1	3.7	2.7
Lead	mg/kg	4	13	4	13	5
Nickel	mg/kg	<0.5	8.2	0.8	2.0	2.1
Zinc	mg/kg	2.5	120	2.6	20	7.1

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-104 Composite 17 Soil - 20/09/2007 4+5+6	55397-105 Composite 18 Soil - 20/09/2007 7+8+9	55397-106 Composite 19 Soil - 20/09/2007 10+11+12	55397-107 Composite 20 Soil - 20/09/2007 13+14+15	55397-108 Composite 21 Soil - 20/09/2007 16+17+18
Date Extracted		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Date Analysed		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Arsenic	mg/kg	7	5	7	<3	4
Cadmium	mg/kg	0.1	<0.1	0.1	<0.1	0.1
Chromium	mg/kg	8.5	2.2	5.0	2.1	3.5
Copper	mg/kg	0.95	1.3	4.1	2.9	1.4
Lead	mg/kg	7	7	13	7	6
Nickel	mg/kg	<0.5	0.6	1.3	1.0	<0.5
Zinc	mg/kg	3.6	5.8	46	19	5.5

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-109 Composite 22 Soil - 20/09/2007 19+20+21	55397-110 Composite 23 Soil - 20/09/2007 22+23+24	55397-111 Composite 24 Soil - 20/09/2007 25+26+27	55397-112 Composite 25 Soil - 20/09/2007 28+29+30	55397-113 Composite 26 Soil - 20/09/2007 31+32+33
Date Extracted		26.09.07	26.09.07	26.09.07	26.09.07	26.09.07
Date Analysed		26.0907	26.0907	26.0907	26.0907	26.0907
Arsenic	mg/kg	<3	3	<3	<3	<3
Cadmium	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	mg/kg	1.9	2.4	2.3	1.6	1.3
Copper	mg/kg	1.2	1.8	3.6	2.5	1.8
Lead	mg/kg	5	5	8	7	6
Nickel	mg/kg	0.6	0.93	1.2	0.9	0.6
Zinc	mg/kg	3.2	6.4	20	13	11

Metals in Soil by ICP-OES Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-114 Composite 27 Soil - 20/09/2007 39+40+41
Date Extracted		26.09.07
Date Analysed		26.0907
Arsenic	mg/kg	<3
Cadmium	mg/kg	<0.1
Chromium	mg/kg	1.4
Copper	mg/kg	1.9
Lead	mg/kg	7
Nickel	mg/kg	0.7
Zinc	mg/kg	15

Mercury,Cold Vapor/Hg Analyser						
Our Reference:	UNITS	55397-2	55397-23	55397-35	55397-36	55397-37
Your Reference	-----	S17	SS81	SS93	SS94	SS95
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	-	-	-	-
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser						
Our Reference:	UNITS	55397-38	55397-42	55397-44	55397-48	55397-49
Your Reference	-----	SS96	ETP38	ETP38	ETP39	ETP39
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	0.0-0.1	0.9-1.0	0.4-0.5	0.9-1.0
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser						
Our Reference:	UNITS	55397-51	55397-52	55397-54	55397-56	55397-57
Your Reference	-----	DUP31	ETP40	ETP40	ETP41	ETP41
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	0.0-0.1	0.9-1.0	0.0-0.1	0.4-0.5
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser						
Our Reference:	UNITS	55397-60	55397-64	55397-65	55397-70	55397-73
Your Reference	-----	ETP42	ETP43	ETP43	ETP44	ETP45
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		0.4-0.5	0.4-0.5	0.9-1.0	0.4-0.5	0.0-0.1
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-74 ETP45 Soil 0.4-0.5 20/09/2007	55397-76 ETP46 Soil 0.0-0.1 20/09/2007	55397-79 ETP47 Soil 0.0-0.1 20/09/2007	55397-80 ETP47 Soil 0.4-0.5 20/09/2007	55397-82 ETP48 Soil 0.0-0.1 20/09/2007
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-86 ETP49 Soil 0.0-0.1 20/09/2007	55397-88 ETP49 Soil 0.9-1.0 20/09/2007	55397-90 ETP50 Soil 0.0-0.1 20/09/2007	55397-91 ETP50 Soil 0.4-0.5 20/09/2007	55397-93 ETP51 Soil 0.0-0.1 20/09/2007
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-94 ETP51 Soil 0.4-0.5 20/09/2007	55397-97 ETP52 Soil 0.4-0.5 20/09/2007	55397-98 ETP52 Soil 0.9-1.0 20/09/2007	55397-100 ETP53 Soil 0.0-0.1 20/09/2007	55397-103 Composite 16 Soil - 20/09/2007 1+2+3
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-104 Composite 17 Soil - 20/09/2007 4+5+6	55397-105 Composite 18 Soil - 20/09/2007 7+8+9	55397-106 Composite 19 Soil - 20/09/2007 10+11+12	55397-107 Composite 20 Soil - 20/09/2007 13+14+15	55397-108 Composite 21 Soil - 20/09/2007 16+17+18
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-109 Composite 22 Soil - 20/09/2007 19+20+21	55397-110 Composite 23 Soil - 20/09/2007 22+23+24	55397-111 Composite 24 Soil - 20/09/2007 25+26+27	55397-112 Composite 25 Soil - 20/09/2007 28+29+30	55397-113 Composite 26 Soil - 20/09/2007 31+32+33
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-114 Composite 27 Soil - 20/09/2007 39+40+41
Date Extracted		26/09/2007
Date Analysed		26/09/2007
Mercury	mg/kg	<0.05

Asbestos ID in soil						
Our Reference:	UNITS	55397-35	55397-36	55397-37	55397-38	55397-44
Your Reference	-----	SS93	SS94	SS95	SS96	ETP38
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	-	-	-	0.9-1.0
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Analysed		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Sample Description		45g sand, rocks, plant matter	30g sand, rocks, plant matter	37g sand, rocks	26g soil, rocks, sand	34g soil, rocks, sand
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil						
Our Reference:	UNITS	55397-54	55397-60	55397-70	55397-76	55397-82
Your Reference	-----	ETP40	ETP42	ETP44	ETP46	ETP48
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		0.9-1.0	0.4-0.5	0.4-0.5	0.0-0.1	0.0-0.1
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Date Analysed		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Sample Description		39g soil, rocks, sand	46g soil, rocks, sand	39g soil, rocks, sand	41g soil, rocks, sand	32g soil, clay, sand, rocks
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected	No asbestos detected

Asbestos ID in soil				
Our Reference:	UNITS	55397-88	55397-91	55397-97
Your Reference	-----	ETP49	ETP50	ETP52
Sample Type	-----	Soil	Soil	Soil
Depth		0.9-1.0	0.4-0.5	0.4-0.5
Date Sampled		20/09/2007	20/09/2007	20/09/2007
Composite Reference				
Date Analysed		2/10/2007	2/10/2007	2/10/2007
Sample Description		44g soil, sand, rocks	40g clay, sand, rocks	46g soil, sand, rocks
Asbestos ID in soil	-	No asbestos detected	No asbestos detected	No asbestos detected

Moisture						
Our Reference:	UNITS	55397-2	55397-23	55397-35	55397-36	55397-37
Your Reference	-----	S17	SS81	SS93	SS94	SS95
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	-	-	-	-
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Moisture	%	13	20	11	4	7
Date Extracted (Moisture)		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Date Analysed (moisture)		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007

Moisture						
Our Reference:	UNITS	55397-38	55397-42	55397-44	55397-48	55397-49
Your Reference	-----	SS96	ETP38	ETP38	ETP39	ETP39
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	0.0-0.1	0.9-1.0	0.4-0.5	0.9-1.0
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Moisture	%	16	8	16	18	15
Date Extracted (Moisture)		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Date Analysed (moisture)		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007

Moisture						
Our Reference:	UNITS	55397-51	55397-52	55397-54	55397-56	55397-57
Your Reference	-----	DUP31	ETP40	ETP40	ETP41	ETP41
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		-	0.0-0.1	0.9-1.0	0.0-0.1	0.4-0.5
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Moisture	%	7	7	20	6	12
Date Extracted (Moisture)		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Date Analysed (moisture)		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007

Moisture						
Our Reference:	UNITS	55397-60	55397-64	55397-65	55397-70	55397-73
Your Reference	-----	ETP42	ETP43	ETP43	ETP44	ETP45
Sample Type	-----	Soil	Soil	Soil	Soil	Soil
Depth		0.4-0.5	0.4-0.5	0.9-1.0	0.4-0.5	0.0-0.1
Date Sampled		20/09/2007	20/09/2007	20/09/2007	20/09/2007	20/09/2007
Composite Reference						
Moisture	%	13	19	22	10	15
Date Extracted (Moisture)		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Date Analysed (moisture)		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007

Moisture Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-74 ETP45 Soil 0.4-0.5 20/09/2007	55397-76 ETP46 Soil 0.0-0.1 20/09/2007	55397-79 ETP47 Soil 0.0-0.1 20/09/2007	55397-80 ETP47 Soil 0.4-0.5 20/09/2007	55397-82 ETP48 Soil 0.0-0.1 20/09/2007
Moisture	%	9	7	11	10	10
Date Extracted (Moisture)		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Date Analysed (moisture)		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007

Moisture Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-86 ETP49 Soil 0.0-0.1 20/09/2007	55397-88 ETP49 Soil 0.9-1.0 20/09/2007	55397-90 ETP50 Soil 0.0-0.1 20/09/2007	55397-91 ETP50 Soil 0.4-0.5 20/09/2007	55397-93 ETP51 Soil 0.0-0.1 20/09/2007
Moisture	%	16	16	13	10	9
Date Extracted (Moisture)		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Date Analysed (moisture)		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007

Moisture Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-94 ETP51 Soil 0.4-0.5 20/09/2007	55397-97 ETP52 Soil 0.4-0.5 20/09/2007	55397-98 ETP52 Soil 0.9-1.0 20/09/2007	55397-100 ETP53 Soil 0.0-0.1 20/09/2007	55397-103 Composite 16 Soil - 20/09/2007 1+2+3
Moisture	%	14	13	25	16	15
Date Extracted (Moisture)		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Date Analysed (moisture)		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007

Moisture Our Reference: Your Reference Sample Type Depth Date Sampled Composite Reference	UNITS ----- -----	55397-104 Composite 17 Soil - 20/09/2007 4+5+6	55397-105 Composite 18 Soil - 20/09/2007 7+8+9	55397-106 Composite 19 Soil - 20/09/2007 10+11+12	55397-107 Composite 20 Soil - 20/09/2007 13+14+15	55397-108 Composite 21 Soil - 20/09/2007 16+17+18
Moisture	%	11	16	19	24	16
Date Extracted (Moisture)		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Date Analysed (moisture)		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007

Moisture Our Reference: Your Reference	UNITS -----	55397-109 Composite 22 Soil	55397-110 Composite 23 Soil	55397-111 Composite 24 Soil	55397-112 Composite 25 Soil	55397-113 Composite 26 Soil
Sample Type Depth Date Sampled Composite Reference	-----	- 20/09/2007 19+20+21	- 20/09/2007 22+23+24	- 20/09/2007 25+26+27	- 20/09/2007 28+29+30	- 20/09/2007 31+32+33
Moisture	%	18	16	21	21	17
Date Extracted (Moisture)		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Date Analysed (moisture)		3/10/2007	3/10/2007	3/10/2007	3/10/2007	3/10/2007

Moisture Our Reference: Your Reference	UNITS -----	55397-114 Composite 27 Soil
Sample Type Depth Date Sampled Composite Reference	-----	- 20/09/2007 39+40+41
Moisture	%	17
Date Extracted (Moisture)		2/10/2007
Date Analysed (moisture)		3/10/2007

Method ID	Methodology Summary
SEO-019	VOCs by P&T GC/MS- Determination of Volatile Organic Compounds by Purge and Trap then Gas Chromatography / Mass spectrometry following extraction with methanol for soils. Waters are introduced directly on the purge and trap.
SEO-018	BTEX - Determination by purge and trap/ Gas Chromatography with MS Detection.
SEO-017	BTEX/TRH C6-C9 - Determination by Purge and Trap Gas Chromatography with Flame Ionisation Detection (FID) and Photo Ionisation Detection (PID). The surrogate spike used is aaa-trifluorotoluene.
SEO-020	TRH - Determination of Total Recoverable Hydrocarbons by gas chromatography following extraction with DCM/Acetone for solids and DCM for liquids.
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.
SEM-010	Metals - Determination of various metals by ICP-AES following aqua regia digest.
SEM-005	Mercury - Determination of Mercury by Cold Vapour Generation Atomic Absorption Spectroscopy.
AN602	Qualitative identification of asbestos type fibres in bulk using Polarised Light Microscopy and Dispersion Staining Techniques. Accreditation does not cover the identification of Synthetic Mineral Fibre.
AN002	Preparation of soils, sediments and sludges undergo analysis by either air drying, compositing, subsampling and 1:5 soil water extraction where required. Moisture content is determined by drying the sample at $105 \pm 5^{\circ}\text{C}$.

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
VOC's in soil								
Date extracted				27/09/07	55397-44	27/09/2007 27/09/2007	55397-48	Cal Error
Date analysed				27/09/07	55397-44	27/09/2007 27/09/2007	55397-48	Cal Error
Dichlorodifluoromethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Chloromethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Vinyl Chloride	mg/kg	0.50	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Bromomethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Chloroethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Trichlorofluoromethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,1-Dichloroethene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	55397-48	74 [N/T]
<i>trans</i> -1,2-Dichloroethene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,1-Dichloroethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
<i>cis</i> -1,2-Dichloroethene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Bromochloromethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Chloroform	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	55397-48	75 [N/T]
2,2-Dichloropropane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,2-Dichloroethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	55397-48	105 [N/T]
1,1,1-Trichloroethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,1-Dichloropropene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Carbon tetrachloride	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Benzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	55397-48	88 [N/T]
Dibromomethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,2-Dichloropropane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Trichloroethene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	55397-48	80 [N/T]
Bromodichloromethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
<i>trans</i> -1,3-Dichloropropene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
<i>cis</i> -1,3-Dichloropropene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,1,2-Trichloroethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Toluene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	55397-48	85 [N/T]
1,3-Dichloropropane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Dibromochloromethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,2-Dibromoethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Tetrachloroethene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,1,1,2-Tetrachloroethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Chlorobenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	55397-48	95 [N/T]
Ethyl benzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	55397-48	94 [N/T]
Bromoform	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]

QUALITY CONTROL VOC's in soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
<i>m/p</i> -Xylenes	mg/kg	1.0	SEO-019	<1.0	55397-44	<1.0 <1.0	55397-48	94 [N/T]
Styrene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,1,2,2-Tetrachloroethane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
<i>o</i> -Xylene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	55397-48	88 [N/T]
1,2,3-Trichloropropane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Isopropylbenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Bromobenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
<i>n</i> -Propylbenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
2-Chlorotoluene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
4-Chlorotoluene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,3,5-Trimethylbenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
<i>tert</i> -Butylbenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,2,4-Trimethylbenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,3-Dichlorobenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
<i>sec</i> -Butylbenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,4-Dichlorobenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
<i>p</i> -Isopropyltoluene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,2-Dichlorobenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
<i>n</i> -Butylbenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,2-Dibromo-3-chloropropane	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,2,4-Trichlorobenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Naphthalene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Hexachlorobutadiene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
1,2,3-Trichlorobenzene	mg/kg	0.5	SEO-019	<0.50	55397-44	<0.50 <0.50	[NR]	[NR]
Dibromofluoromethane	% Recovery	0	SEO-019	100	55397-44	88 89 RPD: 1	55397-48	95 [N/T]
1,2-Dichloroethane-d4	% recovery	0	SEO-019	106	55397-44	100 99 RPD: 1	55397-48	112 [N/T]
Toluene-d8 Surrogate 2	% recovery	0	SEO-019	92	55397-44	93 93 RPD: 0	55397-48	97 [N/T]
4-Bromofluorobenzene Surrogate 3	% recovery	0	SEO-019	98	55397-44	98 97 RPD: 1	55397-48	103 [N/T]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
BTEX in Soil								
Date Extracted				27/09/07	55397-35	27/09/2007 27/09/2007	55397-36	Cal Error
Date Analysed				27/09/07	55397-35	27/09/2007 27/09/2007	55397-36	Cal Error
Benzene	mg/kg	0.5	SEO-018	<0.5	55397-35	<0.5 <0.5	55397-36	87 [N/T]
Toluene	mg/kg	0.5	SEO-018	<0.5	55397-35	<0.5 <0.5	55397-36	87 [N/T]
Ethylbenzene	mg/kg	0.5	SEO-018	<0.5	55397-35	<0.5 <0.5	55397-36	88 [N/T]
Total Xylenes	mg/kg	1.5	SEO-018	<1.5	55397-35	<1.5 <1.5	55397-36	91 [N/T]
BTEX Surrogate (%)	%	0	SEO-018	92	55397-35	78 82 RPD: 5	55397-36	86 [N/T]
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
TRH in soil with..C6-C9 by P/T								
Date Extracted				27/09/07	55397-35	27/09/2007 27/09/2007	55397-36	Cal Error
Date Analysed				27/09/07	55397-35	27/09/2007 27/09/2007	55397-36	Cal Error
TRH C6 - C9 P&T	mg/kg	20	SEO-017	<20	55397-35	<20 <20	55397-36	90 [N/T]
TRH C10 - C14	mg/kg	20	SEO-020	<20	55397-35	<20 [N/T]	[NR]	[NR]
TRH C15 - C28	mg/kg	50	SEO-020	<50	55397-35	<50 [N/T]	[NR]	[NR]
TRH C29 - C36	mg/kg	50	SEO-020	<50	55397-35	<50 [N/T]	[NR]	[NR]
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
PAHs in Soil								
Date Extracted				27/09/07	55397-36	28/09/2007 28/09/2007	55397-76	27/09/07 [N/T]
Date Analysed				27/09/07	55397-36	28/09/2007 28/09/2007	55397-76	27/09/07 [N/T]
Naphthalene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	55397-76	98 [N/T]
Acenaphthylene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	55397-76	96 [N/T]
Acenaphthene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	55397-76	133 [N/T]
Fluorene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	[NR]	[NR]
Phenanthrene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	55397-76	105 [N/T]
Anthracene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	55397-76	104 [N/T]
Fluoranthene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	55397-76	99 [N/T]
Pyrene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	55397-76	102 [N/T]
Benzo[a]anthracene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	[NR]	[NR]
Chrysene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	[NR]	[NR]
Benzo[b,k]fluoranthene	mg/kg	0.2	SEO-030	<0.2	55397-36	<0.2 <0.2	[NR]	[NR]
Benzo[a]pyrene	mg/kg	0.05	SEO-030	<0.05	55397-36	<0.05 <0.05	55397-76	111 [N/T]
Indeno[123-cd]pyrene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	[NR]	[NR]

QUALITY CONTROL PAHs in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Dibenzo[ah]anthracene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	[NR]	[NR]
Benzo[ghi]perylene	mg/kg	0.1	SEO-030	<0.1	55397-36	<0.1 <0.1	[NR]	[NR]
Total PAHs	mg/kg	1.55	SEO-030	1.55	55397-36	<1.55 <1.55	[NR]	[NR]
Nitrobenzene-d5	%	0	SEO-030	92	55397-36	87 87 RPD: 0	55397-76	99 [N/T]
2-Fluorobiphenyl	%	0	SEO-030	98	55397-36	107 106 RPD: 1	55397-76	92 [N/T]
<i>p</i> -Terphenyl-d 14	%	0	SEO-030	100	55397-36	119 115 RPD: 3	55397-76	96 [N/T]
QUALITY CONTROL OC Pesticides in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				27/09/07	55397-37	27/09/2007 27/09/2007	55397-64	27/09/07 [N/T]
Date Analysed				27/09/07	55397-37	27/09/2007 27/09/2007	55397-64	27/09/07 [N/T]
HCB	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -BHC	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
gamma-BHC (Lindane)	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Heptachlor	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	55397-64	112 [N/T]
Aldrin	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	55397-64	120 [N/T]
<i>beta</i> -BHC	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>delta</i> -BHC	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	55397-64	114 [N/T]
Heptachlor Epoxide	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDE	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -Endosulfan	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Chlordane	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>cis</i> -Chlordane	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Nonachlor	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDE	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Dieldrin	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	55397-64	114 [N/T]
Endrin	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	55397-64	119 [N/T]
<i>o,p</i> -DDD	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDT	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>beta</i> -Endosulfan	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDD	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDT	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	55397-64	97 [N/T]
Endosulfan Sulphate	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Methoxychlor	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Endrin Ketone	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
2,4,5,6-Tetrachloro-m-xy lene (Surrogate)	%	0	SEO-005	101	55397-37	112 113 RPD: 1	55397-64	116 [N/T]

QUALITY CONTROL OP Pesticides in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				27/09/07	[NT]	[NT]	55397-64	27/09/07 [N/T]
Date Analysed				27/09/07	[NT]	[NT]	55397-64	27/09/07 [N/T]
Chlorpyrifos	mg/kg	0.1	SEO-005	<0.1	[NT]	[NT]	55397-64	115 [N/T]
Fenitrothion	mg/kg	0.1	SEO-005	<0.1	[NT]	[NT]	[NR]	[NR]
Bromofos Ethyl	mg/kg	0.1	SEO-005	<0.1	[NT]	[NT]	[NR]	[NR]
Ethion	mg/kg	0.1	SEO-005	<0.1	[NT]	[NT]	[NR]	[NR]
OP_Surrogate 1	%	0	SEO-005	101	[NT]	[NT]	55397-64	116 [N/T]
QUALITY CONTROL PCBs in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				27/09/07	55397-37	27/09/2007 27/09/2007	55397-74	27/09/07 [N/T]
Date Analysed				27/09/07	55397-37	27/09/2007 27/09/2007	55397-74	27/09/07 [N/T]
Arochlor 1016	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Arochlor 1221	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Arochlor 1260	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	55397-74	73 [N/T]
Arochlor 1262	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Arochlor 1268	mg/kg	0.1	SEO-005	<0.1	55397-37	<0.1 <0.1	[NR]	[NR]
Total Positive PCB	mg/kg	0.9	SEO-005	0.90	55397-37	<0.90 <0.90	[NR]	[NR]
PCB_Surrogate 1	%	0	SEO-005	101	55397-37	112 113 RPD: 1	55397-74	113 [N/T]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate	Spike Sm#	Matrix Spike % Recovery			
Metals in Soil by ICP-OES						Base + Duplicate + %RPD		Duplicate + %RPD			
Date Extracted				26/09/07	[NT]	[NT]	55397-35	26/09/07 [N/T]			
Date Analysed				27/09/07	[NT]	[NT]	55397-35	27/09/07 [N/T]			
Arsenic	mg/kg	3	SEM-010	<3	[NT]	[NT]	55397-35	86 [N/T]			
Cadmium	mg/kg	0.1	SEM-010	<0.1	[NT]	[NT]	55397-35	88 [N/T]			
Chromium	mg/kg	0.3	SEM-010	<0.3	[NT]	[NT]	55397-35	88 [N/T]			
Copper	mg/kg	0.5	SEM-010	<0.5	[NT]	[NT]	55397-35	90 [N/T]			
Lead	mg/kg	1	SEM-010	<1	[NT]	[NT]	55397-35	79 [N/T]			
Nickel	mg/kg	0.5	SEM-010	<0.5	[NT]	[NT]	55397-35	87 [N/T]			
Zinc	mg/kg	0.3	SEM-010	<0.3	[NT]	[NT]	55397-35	85 [N/T]			
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				26/09/07	55397-23	26/09/2007 26/09/2007	55397-35	26/9/07 [N/T]			
Date Analysed				27/09/07	55397-23	26/09/2007 26/09/2007	55397-35	26/9/07 [N/T]			
Mercury	mg/kg	0.05	SEM-005	<0.05	55397-23	<0.05 <0.05	55397-35	101 [N/T]			
QUALITY CONTROL Asbestos ID in soil	UNITS	PQL	METHOD	Blank							
Date Analysed				02/10/07							
QUALITY CONTROL Hold sample- NO test required	UNITS	PQL	METHOD	Blank							
Sample on HOLD				[NT]							
QUALITY CONTROL Moisture	UNITS	PQL	METHOD	Blank							
Moisture	%	1	AN002	[NT]							
Date Extracted (Moisture)				[NT]							
Date Analysed (moisture)				[NT]							
QUALITY CONTROL VOC's in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD								
Date extracted		55397-70	27/09/2007 27/09/2007								
Date analysed		55397-70	27/09/2007 27/09/2007								
Dichlorodifluoromethane	mg/kg	55397-70	<0.50 <0.50								

QUALITY CONTROL VOC's in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Chloromethane	mg/kg	55397-70	<0.50 <0.50
Vinyl Chloride	mg/kg	55397-70	<0.50 <0.50
Bromomethane	mg/kg	55397-70	<0.50 <0.50
Chloroethane	mg/kg	55397-70	<0.50 <0.50
Trichlorofluoromethane	mg/kg	55397-70	<0.50 <0.50
1,1-Dichloroethene	mg/kg	55397-70	<0.50 <0.50
<i>trans</i> -1,2-Dichloroethene	mg/kg	55397-70	<0.50 <0.50
1,1-Dichloroethane	mg/kg	55397-70	<0.50 <0.50
<i>cis</i> -1,2-Dichloroethene	mg/kg	55397-70	<0.50 <0.50
Bromochloromethane	mg/kg	55397-70	<0.50 <0.50
Chloroform	mg/kg	55397-70	<0.50 <0.50
2,2-Dichloropropane	mg/kg	55397-70	<0.50 <0.50
1,2-Dichloroethane	mg/kg	55397-70	<0.50 <0.50
1,1,1-Trichloroethane	mg/kg	55397-70	<0.50 <0.50
1,1-Dichloropropene	mg/kg	55397-70	<0.50 <0.50
Carbon tetrachloride	mg/kg	55397-70	<0.50 <0.50
Benzene	mg/kg	55397-70	<0.50 <0.50
Dibromomethane	mg/kg	55397-70	<0.50 <0.50
1,2-Dichloropropane	mg/kg	55397-70	<0.50 <0.50
Trichloroethene	mg/kg	55397-70	<0.50 <0.50
Bromodichloromethane	mg/kg	55397-70	<0.50 <0.50
<i>trans</i> -1,3-Dichloropropene	mg/kg	55397-70	<0.50 <0.50
<i>cis</i> -1,3-Dichloropropene	mg/kg	55397-70	<0.50 <0.50
1,1,2-Trichloroethane	mg/kg	55397-70	<0.50 <0.50
Toluene	mg/kg	55397-70	<0.50 <0.50
1,3-Dichloropropane	mg/kg	55397-70	<0.50 <0.50
Dibromochloromethane	mg/kg	55397-70	<0.50 <0.50
1,2-Dibromoethane	mg/kg	55397-70	<0.50 <0.50
Tetrachloroethene	mg/kg	55397-70	<0.50 <0.50
1,1,1,2-Tetrachloroethane	mg/kg	55397-70	<0.50 <0.50
Chlorobenzene	mg/kg	55397-70	<0.50 <0.50
Ethyl benzene	mg/kg	55397-70	<0.50 <0.50
Bromoform	mg/kg	55397-70	<0.50 <0.50
<i>m/p</i> -Xylenes	mg/kg	55397-70	<1.0 <1.0
Styrene	mg/kg	55397-70	<0.50 <0.50
1,1,2,2-Tetrachloroethane	mg/kg	55397-70	<0.50 <0.50
<i>o</i> -Xylene	mg/kg	55397-70	<0.50 <0.50

QUALITY CONTROL VOC's in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		
1,2,3-Trichloropropane	mg/kg	55397-70	<0.50 <0.50		
Isopropylbenzene	mg/kg	55397-70	<0.50 <0.50		
Bromobenzene	mg/kg	55397-70	<0.50 <0.50		
n-Propylbenzene	mg/kg	55397-70	<0.50 <0.50		
2-Chlorotoluene	mg/kg	55397-70	<0.50 <0.50		
4-Chlorotoluene	mg/kg	55397-70	<0.50 <0.50		
1,3,5-Trimethylbenzene	mg/kg	55397-70	<0.50 <0.50		
tert-Butylbenzene	mg/kg	55397-70	<0.50 <0.50		
1,2,4-Trimethylbenzene	mg/kg	55397-70	<0.50 <0.50		
1,3-Dichlorobenzene	mg/kg	55397-70	<0.50 <0.50		
sec-Butylbenzene	mg/kg	55397-70	<0.50 <0.50		
1,4-Dichlorobenzene	mg/kg	55397-70	<0.50 <0.50		
p-Isopropyltoluene	mg/kg	55397-70	<0.50 <0.50		
1,2-Dichlorobenzene	mg/kg	55397-70	<0.50 <0.50		
n-Butylbenzene	mg/kg	55397-70	<0.50 <0.50		
1,2-Dibromo-3-chloropropane	mg/kg	55397-70	<0.50 <0.50		
1,2,4-Trichlorobenzene	mg/kg	55397-70	<0.50 <0.50		
Naphthalene	mg/kg	55397-70	<0.50 <0.50		
Hexachlorobutadiene	mg/kg	55397-70	<0.50 <0.50		
1,2,3-Trichlorobenzene	mg/kg	55397-70	<0.50 <0.50		
Dibromofluoromethane	% Recovery	55397-70	87 87 RPD: 0		
1,2-Dichloroethane-d4	% recovery	55397-70	103 102 RPD: 1		
Toluene-d8 Surrogate 2	% recovery	55397-70	92 88 RPD: 4		
4-Bromofluorobenzene Surrogate 3	% recovery	55397-70	97 90 RPD: 7		
QUALITY CONTROL TRH in soil with..C6-C9 by P/T	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		[NT]	[NT]	LCS	27/09/2007 [N/T]
Date Analysed		[NT]	[NT]	LCS	27/09/2007 [N/T]
TRH C6 - C9 P&T	mg/kg	[NT]	[NT]	[NR]	[NR]
TRH C10 - C14	mg/kg	[NT]	[NT]	LCS	104 [N/T]
TRH C15 - C28	mg/kg	[NT]	[NT]	LCS	109 [N/T]
TRH C29 - C36	mg/kg	[NT]	[NT]	LCS	106 [N/T]

QUALITY CONTROL	UNITS	Dup. Sm#	Duplicate	Spike Sm#	Matrix Spike % Recovery
PAHs in Soil			Base + Duplicate + %RPD		Duplicate + %RPD
Date Extracted		55397-82	28/09/2007 28/09/2007	55397-105	28/09/07 [N/T]
Date Analysed		55397-82	28/09/2007 28/09/2007	55397-105	28/09/07 [N/T]
Naphthalene	mg/kg	55397-82	<0.1 <0.1	55397-105	86 [N/T]
Acenaphthylene	mg/kg	55397-82	<0.1 <0.1	55397-105	84 [N/T]
Acenaphthene	mg/kg	55397-82	<0.1 <0.1	55397-105	112 [N/T]
Fluorene	mg/kg	55397-82	<0.1 <0.1	[NR]	[NR]
Phenanthrene	mg/kg	55397-82	<0.1 0.1	55397-105	93 [N/T]
Anthracene	mg/kg	55397-82	<0.1 <0.1	55397-105	95 [N/T]
Fluoranthene	mg/kg	55397-82	0.1 <0.1	55397-105	88 [N/T]
Pyrene	mg/kg	55397-82	<0.1 <0.1	55397-105	92 [N/T]
Benzo[a]anthracene	mg/kg	55397-82	<0.1 <0.1	[NR]	[NR]
Chrysene	mg/kg	55397-82	<0.1 <0.1	[NR]	[NR]
Benzo[b,k]fluoranthene	mg/kg	55397-82	<0.2 <0.2	[NR]	[NR]
Benzo[a]pyrene	mg/kg	55397-82	0.06 <0.05	55397-105	103 [N/T]
Indeno[123-cd]pyrene	mg/kg	55397-82	<0.1 <0.1	[NR]	[NR]
Dibenzo[ah]anthracene	mg/kg	55397-82	<0.1 <0.1	[NR]	[NR]
Benzo[ghi]perylene	mg/kg	55397-82	<0.1 <0.1	[NR]	[NR]
Total PAHs	mg/kg	55397-82	<1.56 <1.55	[NR]	[NR]
Nitrobenzene-d5	%	55397-82	109 103 RPD: 6	55397-105	95 [N/T]
2-Fluorobiphenyl	%	55397-82	93 88 RPD: 6	55397-105	89 [N/T]
<i>p</i> -Terphenyl-d14	%	55397-82	102 100 RPD: 2	55397-105	99 [N/T]

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		55397-76	27/09/2007 27/09/2007	55397-113	27/09/07 [N/T]
Date Analysed		55397-76	27/09/2007 27/09/2007	55397-113	27/09/07 [N/T]
HCB	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -BHC	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
gamma-BHC (Lindane)	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Heptachlor	mg/kg	55397-76	<0.1 <0.1	55397-113	101 [N/T]
Aldrin	mg/kg	55397-76	<0.1 <0.1	55397-113	111 [N/T]
<i>beta</i> -BHC	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>delta</i> -BHC	mg/kg	55397-76	<0.1 <0.1	55397-113	107 [N/T]
Heptachlor Epoxide	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDE	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -Endosulfan	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Chlordane	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>cis</i> -Chlordane	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Nonachlor	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDE	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Dieldrin	mg/kg	55397-76	<0.1 <0.1	55397-113	113 [N/T]
Endrin	mg/kg	55397-76	<0.1 <0.1	55397-113	109 [N/T]
<i>o,p</i> -DDD	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDT	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>beta</i> -Endosulfan	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDD	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDT	mg/kg	55397-76	<0.1 <0.1	55397-113	81 [N/T]
Endosulfan Sulphate	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Methoxychlor	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Endrin Ketone	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	55397-76	117 121 RPD: 3	55397-113	95 [N/T]

QUALITY CONTROL OP Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		55397-76	27/09/2007 27/09/2007	55397-113	27/09/07 [N/T]
Date Analysed		55397-76	27/09/2007 27/09/2007	55397-113	27/09/07 [N/T]
Chlorpyrifos	mg/kg	55397-76	<0.1 <0.1	55397-113	116 [N/T]
Fenitrothion	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Bromofos Ethyl	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Ethion	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
OP_Surrogate 1	%	55397-76	117 121 RPD: 3	55397-113	95 [N/T]
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		55397-76	27/09/2007 27/09/2007	55397-114	27/09/07 [N/T]
Date Analysed		55397-76	27/09/2007 27/09/2007	55397-114	27/09/07 [N/T]
Arochlor 1016	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Arochlor 1221	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Arochlor 1260	mg/kg	55397-76	<0.1 <0.1	55397-114	129 [N/T]
Arochlor 1262	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Arochlor 1268	mg/kg	55397-76	<0.1 <0.1	[NR]	[NR]
Total Positive PCB	mg/kg	55397-76	<0.90 <0.90	[NR]	[NR]
PCB_Surrogate 1	%	55397-76	117 121 RPD: 3	55397-114	107 [N/T]

QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		55397-52	26.09.07 26.09.07	[NR]	[NR]
Date Analysed		55397-52	26.0907 26.0907 RPD: 0	[NR]	[NR]
Arsenic	mg/kg	55397-52	<3 <3	55397-79	82 [N/T]
Cadmium	mg/kg	55397-52	0.1 0.1 RPD: 0	55397-79	89 [N/T]
Chromium	mg/kg	55397-52	4.7 4.7 RPD: 0	55397-79	92 [N/T]
Copper	mg/kg	55397-52	8.8 8.3 RPD: 6	55397-79	91 [N/T]
Lead	mg/kg	55397-52	8 8 RPD: 0	55397-79	81 [N/T]
Nickel	mg/kg	55397-52	8.4 6.7 RPD: 23	55397-79	88 [N/T]
Zinc	mg/kg	55397-52	24 22 RPD: 9	55397-79	88 [N/T]
QUALITY CONTROL Mercury, Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		55397-52	26/09/2007 26/09/2007	55397-79	26/9/07 [N/T]
Date Analysed		55397-52	26/09/2007 26/09/2007	55397-79	26/9/07 [N/T]
Mercury	mg/kg	55397-52	<0.05 <0.05	55397-79	106 [N/T]
QUALITY CONTROL TRH in soil with..C6-C9 by P/T	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		
Date Extracted		55397-36	27/09/2007 27/09/2007		
Date Analysed		55397-36	27/09/2007 27/09/2007		
TRH C10 - C14	mg/kg	55397-36	<20 <20		
TRH C15 - C28	mg/kg	55397-36	<50 <50		
TRH C29 - C36	mg/kg	55397-36	<50 <50		
QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		
Date Extracted		55397-103	28/09/2007 28/09/2007		
Date Analysed		55397-103	28/09/2007 28/09/2007		
Naphthalene	mg/kg	55397-103	<0.1 <0.1		
Acenaphthylene	mg/kg	55397-103	<0.1 <0.1		
Acenaphthene	mg/kg	55397-103	<0.1 <0.1		
Fluorene	mg/kg	55397-103	<0.1 <0.1		
Phenanthrene	mg/kg	55397-103	<0.1 <0.1		

QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Anthracene	mg/kg	55397-103	<0.1 <0.1
Fluoranthene	mg/kg	55397-103	<0.1 <0.1
Pyrene	mg/kg	55397-103	<0.1 <0.1
Benzo[a]anthracene	mg/kg	55397-103	<0.1 <0.1
Chrysene	mg/kg	55397-103	<0.1 <0.1
Benzo[b,k]fluoranthene	mg/kg	55397-103	<0.2 <0.2
Benzo[a]pyrene	mg/kg	55397-103	<0.05 <0.05
Indeno[123-cd]pyrene	mg/kg	55397-103	<0.1 <0.1
Dibenzo[ah]anthracene	mg/kg	55397-103	<0.1 <0.1
Benzo[ghi]perylene	mg/kg	55397-103	<0.1 <0.1
Total PAHs	mg/kg	55397-103	<1.55 <1.55
Nitrobenzene-d5	%	55397-103	106 104 RPD: 2
2-Fluorobiphenyl	%	55397-103	94 89 RPD: 5
<i>p</i> -Terphenyl-d14	%	55397-103	108 102 RPD: 6
QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		55397-104	27/09/2007 27/09/2007
Date Analysed		55397-104	27/09/2007 27/09/2007
HCB	mg/kg	55397-104	<0.1 <0.1
<i>alpha</i> -BHC	mg/kg	55397-104	<0.1 <0.1
gamma-BHC (Lindane)	mg/kg	55397-104	<0.1 <0.1
Heptachlor	mg/kg	55397-104	<0.1 <0.1
Aldrin	mg/kg	55397-104	<0.1 <0.1
<i>beta</i> -BHC	mg/kg	55397-104	<0.1 <0.1
<i>delta</i> -BHC	mg/kg	55397-104	<0.1 <0.1
Heptachlor Epoxide	mg/kg	55397-104	<0.1 <0.1
<i>o,p</i> -DDE	mg/kg	55397-104	<0.1 <0.1
<i>alpha</i> -Endosulfan	mg/kg	55397-104	<0.1 <0.1
<i>trans</i> -Chlordane	mg/kg	55397-104	<0.1 <0.1
<i>cis</i> -Chlordane	mg/kg	55397-104	<0.1 <0.1
<i>trans</i> -Nonachlor	mg/kg	55397-104	<0.1 <0.1
<i>p,p</i> -DDE	mg/kg	55397-104	<0.1 <0.1
Dieldrin	mg/kg	55397-104	<0.1 <0.1
Endrin	mg/kg	55397-104	<0.1 <0.1
<i>o,p</i> -DDD	mg/kg	55397-104	<0.1 <0.1

QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
<i>o,p</i> -DDT	mg/kg	55397-104	<0.1 <0.1
<i>beta</i> -Endosulfan	mg/kg	55397-104	<0.1 <0.1
<i>p,p</i> -DDD	mg/kg	55397-104	<0.1 <0.1
<i>p,p</i> -DDT	mg/kg	55397-104	<0.1 <0.1
Endosulfan Sulphate	mg/kg	55397-104	<0.1 <0.1
Endrin Aldehyde	mg/kg	55397-104	<0.1 <0.1
Methoxychlor	mg/kg	55397-104	<0.1 <0.1
Endrin Ketone	mg/kg	55397-104	<0.1 <0.1
2,4,5,6-Tetrachloro-m-xylen e (<i>Surrogate</i>)	%	55397-104	109 107 RPD: 2
QUALITY CONTROL OP Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		55397-104	27/09/2007 27/09/2007
Date Analysed		55397-104	27/09/2007 27/09/2007
Chlorpyrifos	mg/kg	55397-104	<0.1 <0.1
Fenitrothion	mg/kg	55397-104	<0.1 <0.1
Bromofos Ethyl	mg/kg	55397-104	<0.1 <0.1
Ethion	mg/kg	55397-104	<0.1 <0.1
OP_ <i>Surrogate</i> 1	%	55397-104	109 107 RPD: 2
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		55397-104	27/09/2007 27/09/2007
Date Analysed		55397-104	27/09/2007 27/09/2007
Arochlor 1016	mg/kg	55397-104	<0.1 <0.1
Arochlor 1221	mg/kg	55397-104	<0.1 <0.1
Arochlor 1232	mg/kg	55397-104	<0.1 <0.1
Arochlor 1242	mg/kg	55397-104	<0.1 <0.1
Arochlor 1248	mg/kg	55397-104	<0.1 <0.1
Arochlor 1254	mg/kg	55397-104	<0.1 <0.1
Arochlor 1260	mg/kg	55397-104	<0.1 <0.1
Arochlor 1262	mg/kg	55397-104	<0.1 <0.1
Arochlor 1268	mg/kg	55397-104	<0.1 <0.1
Total Positive PCB	mg/kg	55397-104	<0.90 <0.90
PCB_ <i>Surrogate</i> 1	%	55397-104	109 107 RPD: 2

QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		55397-76	26.09.07 26.09.07	55397-100	26/09/07 [N/T]
Date Analysed		55397-76	26.0907 26.0907 RPD: 0	55397-100	26/09/07 [N/T]
Arsenic	mg/kg	55397-76	<3 <3	55397-100	88 [N/T]
Cadmium	mg/kg	55397-76	0.1 0.1 RPD: 0	55397-100	91 [N/T]
Chromium	mg/kg	55397-76	3.7 3.7 RPD: 0	55397-100	89 [N/T]
Copper	mg/kg	55397-76	7.6 6.8 RPD: 11	55397-100	92 [N/T]
Lead	mg/kg	55397-76	15 18 RPD: 18	55397-100	77 [N/T]
Nickel	mg/kg	55397-76	5.9 4.4 RPD: 29	55397-100	89 [N/T]
Zinc	mg/kg	55397-76	24 25 RPD: 4	55397-100	99 [N/T]
QUALITY CONTROL Mercury, Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted		55397-76	26/09/2007 26/09/2007	55397-111	26/9/07 [N/T]
Date Analysed		55397-76	26/09/2007 26/09/2007	55397-111	26/09/07 [N/T]
Mercury	mg/kg	55397-76	<0.05 <0.05	55397-111	107 [N/T]
QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD		
Date Extracted		55397-111	28/09/2007 28/09/2007		
Date Analysed		55397-111	28/09/2007 28/09/2007		
Naphthalene	mg/kg	55397-111	<0.1 <0.1		
Acenaphthylene	mg/kg	55397-111	<0.1 <0.1		
Acenaphthene	mg/kg	55397-111	<0.1 <0.1		
Fluorene	mg/kg	55397-111	<0.1 <0.1		
Phenanthrene	mg/kg	55397-111	<0.1 <0.1		
Anthracene	mg/kg	55397-111	<0.1 <0.1		
Fluoranthene	mg/kg	55397-111	<0.1 <0.1		
Pyrene	mg/kg	55397-111	<0.1 <0.1		
Benzo[a]anthracene	mg/kg	55397-111	<0.1 <0.1		
Chrysene	mg/kg	55397-111	<0.1 <0.1		
Benzo[b,k]fluoranthene	mg/kg	55397-111	<0.2 <0.2		
Benzo[a]pyrene	mg/kg	55397-111	<0.05 <0.05		
Indeno[123-cd]pyrene	mg/kg	55397-111	<0.1 <0.1		
Dibenzo[ah]anthracene	mg/kg	55397-111	<0.1 <0.1		

QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Benzo[ghi]perylene	mg/kg	55397-111	<0.1 <0.1
Total PAHs	mg/kg	55397-111	<1.55 <1.55
Nitrobenzene-d5	%	55397-111	97 99 RPD: 2
2-Fluorobiphenyl	%	55397-111	94 97 RPD: 3
<i>p</i> -Terphenyl-d14	%	55397-111	96 95 RPD: 1
QUALITY CONTROL OC Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		55397-112	27/09/2007 27/09/2007
Date Analysed		55397-112	27/09/2007 27/09/2007
HCB	mg/kg	55397-112	<0.1 <0.1
<i>alpha</i> -BHC	mg/kg	55397-112	<0.1 <0.1
gamma-BHC (Lindane)	mg/kg	55397-112	<0.1 <0.1
Heptachlor	mg/kg	55397-112	<0.1 <0.1
Aldrin	mg/kg	55397-112	<0.1 <0.1
<i>beta</i> -BHC	mg/kg	55397-112	<0.1 <0.1
<i>delta</i> -BHC	mg/kg	55397-112	<0.1 <0.1
Heptachlor Epoxide	mg/kg	55397-112	<0.1 <0.1
<i>o,p</i> -DDE	mg/kg	55397-112	<0.1 <0.1
<i>alpha</i> -Endosulfan	mg/kg	55397-112	<0.1 <0.1
<i>trans</i> -Chlordane	mg/kg	55397-112	<0.1 <0.1
<i>cis</i> -Chlordane	mg/kg	55397-112	<0.1 <0.1
<i>trans</i> -Nonachlor	mg/kg	55397-112	<0.1 <0.1
<i>p,p</i> -DDE	mg/kg	55397-112	<0.1 <0.1
Dieldrin	mg/kg	55397-112	<0.1 <0.1
Endrin	mg/kg	55397-112	<0.1 <0.1
<i>o,p</i> -DDD	mg/kg	55397-112	<0.1 <0.1
<i>o,p</i> -DDT	mg/kg	55397-112	<0.1 <0.1
<i>beta</i> -Endosulfan	mg/kg	55397-112	<0.1 <0.1
<i>p,p</i> -DDD	mg/kg	55397-112	<0.1 <0.1
<i>p,p</i> -DDT	mg/kg	55397-112	<0.1 <0.1
Endosulfan Sulphate	mg/kg	55397-112	<0.1 <0.1
Endrin Aldehyde	mg/kg	55397-112	<0.1 <0.1
Methoxychlor	mg/kg	55397-112	<0.1 <0.1
Endrin Ketone	mg/kg	55397-112	<0.1 <0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	55397-112	107 111 RPD: 4

QUALITY CONTROL OP Pesticides in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		55397-112	27/09/2007 27/09/2007
Date Analysed		55397-112	27/09/2007 27/09/2007
Chlorpyrifos	mg/kg	55397-112	<0.1 <0.1
Fenitrothion	mg/kg	55397-112	<0.1 <0.1
Bromofos Ethyl	mg/kg	55397-112	<0.1 <0.1
Ethion	mg/kg	55397-112	<0.1 <0.1
OP_Surrogate 1	%	55397-112	107 111 RPD: 4
QUALITY CONTROL PCBs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		55397-112	27/09/2007 27/09/2007
Date Analysed		55397-112	27/09/2007 27/09/2007
Arochlor 1016	mg/kg	55397-112	<0.1 <0.1
Arochlor 1221	mg/kg	55397-112	<0.1 <0.1
Arochlor 1232	mg/kg	55397-112	<0.1 <0.1
Arochlor 1242	mg/kg	55397-112	<0.1 <0.1
Arochlor 1248	mg/kg	55397-112	<0.1 <0.1
Arochlor 1254	mg/kg	55397-112	<0.1 <0.1
Arochlor 1260	mg/kg	55397-112	<0.1 <0.1
Arochlor 1262	mg/kg	55397-112	<0.1 <0.1
Arochlor 1268	mg/kg	55397-112	<0.1 <0.1
Total Positive PCB	mg/kg	55397-112	<0.90 <0.90
PCB_Surrogate 1	%	55397-112	107 111 RPD: 4

QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		55397-97	26.09.07 26.09.07
Date Analysed		55397-97	26.0907 26.0907 RPD: 0
Arsenic	mg/kg	55397-97	<3 <3
Cadmium	mg/kg	55397-97	<0.1 0.2
Chromium	mg/kg	55397-97	16 16 RPD: 0
Copper	mg/kg	55397-97	9.1 6.8 RPD: 29
Lead	mg/kg	55397-97	13 15 RPD: 14
Nickel	mg/kg	55397-97	8.2 5.9 RPD: 33
Zinc	mg/kg	55397-97	120 120 RPD: 0
QUALITY CONTROL Mercury, Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		55397-97	26/09/2007 26/09/2007
Date Analysed		55397-97	26/09/2007 26/09/2007
Mercury	mg/kg	55397-97	<0.05 <0.05
QUALITY CONTROL Metals in Soil by ICP-OES	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		55397-110	26.09.07 26.09.07
Date Analysed		55397-110	26.0907 26.0907 RPD: 0
Arsenic	mg/kg	55397-110	3 <3
Cadmium	mg/kg	55397-110	<0.1 <0.1
Chromium	mg/kg	55397-110	2.4 1.8 RPD: 29
Copper	mg/kg	55397-110	1.8 1.7 RPD: 6
Lead	mg/kg	55397-110	5 5 RPD: 0
Nickel	mg/kg	55397-110	0.93 0.9 RPD: 3
Zinc	mg/kg	55397-110	6.4 5.3 RPD: 19

QUALITY CONTROL Mercury,Cold Vapor/Hg Analyser	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD
Date Extracted		55397-110	26/09/2007 26/09/2007
Date Analysed		55397-110	26/09/2007 26/09/2007
Mercury	mg/kg	55397-110	<0.05 <0.05



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NATA accredited laboratory 2562 (4354).
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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

The PAHs LOR for sample number 35 has been raised due to sample matrix interference.

Sampled by the client

Even after disintegration it can be very difficult, or impossible, to detect the presence of asbestos in some asbestos-containing bulk materials using polarised light microscopy.

This is due to the low grade or small length or diameter of asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials.

Sub Sample taken from the Jar/Bag supplied by client for Asbestos analysis at the clients request.

No respirable fibres detected using trace analysis technique.

Asbestos analysed by Wonnie Condos.

Date Organics extraction commenced: 28/09/07

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.

Any other holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents.

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

Dispatch to:
(Address &
Phone No.)

S4S

Attention:

Relinquished by:

Laboratory Quotation / Order No.

Sampled by: DH

Project Manager:
(report results to)

Date:

Time:

Received by:

Date:

Time:

Job No. 0202144

Sheet 1 of 1

Consigning Officer: SD

Date Dispatched:

Consignment Note No.

Courier Service: AAE

COSS-61

W177

No: 29037



Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

8 Metals:

Analyses Required

Sample
Condition
on Receipt

Special Laboratory Instructions:

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

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

10-11-15302

Chain of Custody

Laboratory Quotation / Order No.

Job No. 02021114 Sheet 2 of 11

No: 29038

Dispatch to:
(Address &
Phone No.)

Attention:

Sampled by: *DIH*
Project Manager:
(report results to) *SD*Consenting Officer: *SD*Date Dispatched: *24/9/07*Courier Service: *AAE*

Consignment Note No.

Relinquished by:

Date: *24/9*

Time:

Received by:

Date: *25/9/07*Time: *12:00pm*

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:

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
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Coffey

Chain of Custody

Dispatch to:
(Address &
Phone No.)

SD

Laboratory Quotation / Order No.

Job No. 2002144

No: 29039
Sheet 3 of 11

Sampled by: DH

Consigning Officer: SD

Date Dispatched: 24/9/07

Attention:

Project Manager: SD
(report results to)

Courier Service: AAG
Consignment Note No:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs
TPHs

MAHs = BTEX

8 Metals: *

OCF/PCB
Asbestos
Composite
PPH
OCF/OPP/PCB
8 metals
VOC/BVOC
Asbestos

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, 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



Chain of Custody

No: 29040

Dispatch to:
(Address &
Phone No.)

545

Sampled by: DH

Job No: 0702144 Sheet 4 of 11

Attention:

Project Manager: SD
(report results to)

Consigning Officer: S
Date Dispatched: 24/9/07
Counter Service: AME
Consignment Note No:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

24/9

Angela

25/9/07

12:00pm

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

8 Metals: #

Svoc/voc

Asbestos

Analyses Required

Sample
Condition
on Receipt

Special Laboratory Instructions:

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

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

10-11-01

Send to MET for 8 metals Analysis

Chain of Custody

Dispatch to:
(Address &
Phone No.)

SSS

Laboratory Quotation / Order No.

Job No: 0202147

No: 29041
Sheet 5 of 11

Attention:

Project Manager:
(report results to)

SD

Consigning Officer:
Date Dispatched:

SD
24/9

Courier Service:

AMS

Consignment Note No:

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals:

Structural
Asbestos

Analyses Required

Sample
Condition
on Receipt

Special Laboratory Instructions:

Detection Limits:

Turnaround Required:

Copies: WHITE: Sign on release. YELLOW: If dispatched to Infrastate 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

Chain of Custody

Dispatch to:
(Address &
Phone No.)

545

Laboratory Qualification Order No.

Job No.

No: 29042
Sheet 6 of 11

Attention:

Project Manager:
(Insert results to)

SD

Consigning Officer:

SD

Date Dispatched:

24/9/07

Courier Service:

AAE

Consignment Note No.

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

24/9/07 12:00pm

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals:

Svoc/Voc
Asbestos

Analyses Required

Sample
Condition
on Receipt

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

Coffey

AU.SampleReceipt.Sydney (Sydney)

From: Strider Duerinckx [Strider_Duerinckx@coffey.com]
Sent: Monday, 24 September 2007 5:14 PM
To: Stenta, Alexandra (Sydney)
Subject: 3rd batch, sent 24/9/07
Attachments: 1516_0001.pdf

Hi Aleaxandra, please find attached the COC for the 3rd batch of samples that have just been sent.

There may be an issue with sample ss68 which was collected twice on two different days. I marked -1 on one of them (ss68-1) to differentiate this sample from the second ss68, but forgot to check which date this sample had been collected. Can you please check for me.

Ta

SS68-1 = 20/9/07

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: Monday, 24 September 2007 5:06 PM

To: Strider Duerinckx

Subject: scanned copier image[1]

<<1516_0001.pdf>>

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www.coffey.com

firstname_lastname@coffey.com

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CILDISCL0004

24/09/2007

AU.SampleReceipt.Sydney (Sydney)

From: AU.SampleReceipt.Sydney (Sydney)
Sent: Wednesday, 26 September 2007 1:32 PM
To: 'Strider Duerinckx'
Subject: RE: Second batch

Hi Strider,
We will need the additional 1L for TPH analysis. We will proceed to send the two litres we have to Perth for the OC/OP and PAH tests
Regards Angela

From: Strider Duerinckx [mailto:Strider_Duerinckx@coffey.com]
Sent: Wednesday, 26 September 2007 1:29 PM
To: AU.SampleReceipt.Sydney (Sydney)
Subject: RE: Second batch

Hi Angela,

I can confirm that the trip spike and trip blanks samples were packed in the eskies. If you cannot see them then please either mark as not received or broken in transit. I am unsure where the samples are, but it is a moot point if you cannot find them.

I will collect another 1L amber of water to replace the 1L broken for DW-1. Please let me know which analysis you do not complete and I will send that additional 1L on a separate COC for that analysis.

Yes sample 'S'17 is 'SS'17; This holds true for any other samples in the batch that may have been labelled with a single S.

Thanks for your checking.

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: AU.SampleReceipt.Sydney (Sydney) [mailto:AU.SampleReceipt.Sydney@sgs.com]
Sent: Tuesday, 25 September 2007 6:57 PM
To: Strider Duerinckx
Subject: RE: Second batch

Hi Strider,

We received the 3rd batch of samples today and have noticed a few observations:-

Sample id "Trip Spike 20/09/07 and Trip Blank 20/09/07" vials were **NOT** received at SGS.

Sample "DW-1 24/09/07" 1 X 1L glass amber bottle received broken. Since this is the case 2 x 1L glass ambers were okay for this sample. One will be sent to our subcontracted lab in Perth for OC/OP/PAH-Ultra trace analysis and one is to be kept onsite for the other analysis. As only 1 can be sent this is the bear minimum that the lab has so any retest cannot be performed on this sample.

As mentioned in email below "SS17 & SS81" discretes are to be analysed before samples are composited. I have found sample id "SS81 – COC 29038" however "SS17 does not appear anywhere". Is this sample "S17

26/09/2007

on COC 29037"?

Could you please confirm so that job can proceed.

Thank You

Angela

From: Strider Duerinckx [mailto:Strider_Duerinckx@coffey.com]

Sent: Thursday, 20 September 2007 3:17 PM

To: AU.SampleReceipt.Sydney (Sydney)

Subject: RE: Second batch

Yes Angela I have faxed through the COC (12 pages) as the email only sent part. There are about 10 composites to be created from 3 samples each. Generally only the 10 composites need to be analysed, but for these 3 discrete samples the 3 discrete samples need to be analysed then composited into their respective composites and analysed again as part of the 10 composites. I wonder if enough vol will be available?

STRIDER DUERINCKX

Senior Engineering Geologist

Coffey Geotechnics Pty Ltd

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

www.coffey.com

From: AU.SampleReceipt.Sydney (Sydney) [mailto:AU.SampleReceipt.Sydney@sgs.com]

Sent: Thursday, 20 September 2007 2:56 PM

To: Strider Duerinckx

Subject: RE: Second batch

Hi Strider,

Are we to expect samples "SS1, SS17 & SS81" tomorrow with the samples listed on COC provided? If so is PAH, OCP/OPP/PCB and 8HM to be tested on discrettes only or after a composite of the three is made?

Would you be able to clarify please. Thanks

Angela

From: Strider Duerinckx [mailto:Strider_Duerinckx@coffey.com]

Sent: Thursday, 20 September 2007 1:58 PM

To: Stenta, Alexandra (Sydney)

Subject: Second batch

Hi Alexandra, attached is a scanned image of the COC for a batch of 6 eskies being sent down tonight. I am sending it now in case it helps with your sample processing.

As an addendum can you please add PAH, OCP/OPP/PCB and 8 metals analyses to the discrete samples SS1, SS17 and SS81 prior to compositing.

STRIDER DUERINCKX

Senior Engineering Geologist

Coffey Geotechnics Pty Ltd

26/09/2007

Street: Unit 17 Carinya Road, Mount Penang Parklands Somersby NSW 2250 Australia
Postal: Unit 17 The Avenue, Mount Penang Parklands Somersby NSW 2250 Australia
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www.coffey.com

From: COFFEY GEOTECHNICS KARI [<mailto:corp.coffey.com.au>]
Sent: Thursday, 20 September 2007 12:29 PM
To: Strider Duerinckx
Subject: scanned copier image[2]

<<1502_0010.pdf>>

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CILDISCL0004

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www.coffey.com
firstname_lastname@coffey.com

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26/09/2007

2 October 2007

TEST REPORT

Coffey Geotechnics Pty Ltd

Unit 17, Mt Penang Parklands

KARIONG

NSW 2250

Your Reference: 02021AA - Water

Report Number: 55397A

Attention: Strider Duerinckx

Dear Strider

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

Samples:	Qty.	1 Water
Date of Receipt of Samples:	25/09/07	
Date of Receipt of Instructions:	25/09/07	
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.

Yours faithfully

SGS ENVIRONMENTAL SERVICES



Ly Kim Ha

Senior Organic Chemist



Edward Ibrahim

Laboratory Services Manager

BTEX in Water		
Our Reference:	UNITS	55397A-34
Your Reference	-----	WB-6
Sample Type	-----	Water
Depth		-
Date Sampled		20/09/2007
Date Extracted		26/09/2007
Date Analysed		26/09/2007
Benzene	µg/L	<1
Toluene	µg/L	<1
Ethylbenzene	µg/L	<1
Total Xylenes	µg/L	<3

TRH in Water, C6-C9 P/T(∞ g/L)		
Our Reference:	UNITS	55397A-34
Your Reference	-----	WB-6
Sample Type	-----	Water
Depth		-
Date Sampled		20/09/2007
Date Extracted		26/09/2007
Date Analysed		26/09/2007
TRH C ₆ - C ₉ P&T	μ g/L	<40.0
TRH C ₁₀ - C ₁₄	μ g/L	<100
TRH C ₁₅ - C ₂₈	μ g/L	<200
TRH C ₂₉ - C ₃₆	μ g/L	<200

Trace HM (ICP-MS)-Dissolved		
Our Reference:	UNITS	55397A-34
Your Reference	-----	WB-6
Sample Type	-----	Water
Depth		-
Date Sampled		20/09/2007
Date Extracted		26/09/2007
Date Analysed		26/09/2007
Arsenic	µg/L	<1.0
Cadmium	µg/L	0.63
Chromium	µg/L	<1.0
Copper	µg/L	18
Lead	µg/L	1.1
Nickel	µg/L	5.9
Zinc	µg/L	56

Mercury,Cold Vapor/Hg Analyser		
Our Reference:	UNITS	55397A-34
Your Reference	-----	WB-6
Sample Type	-----	Water
Depth		-
Date Sampled		20/09/2007
Date Extracted		26/09/2007
Date Analysed		26/09/2007
Mercury (Dissolved)	mg/L	<0.0005

Method ID	Methodology Summary
SEO-018	BTEX - Determination by purge and trap/ Gas Chromatography with MS Detection.
SEO-017	BTEX/TRH C6-C9 - Determination by Purge and Trap Gas Chromatography with Flame Ionisation Detection (FID) and Photo Ionisation Detection (PID). The surrogate spike used is aaa-trifluorotoluene.
SEO-020	TRH - Determination of Total Recoverable Hydrocarbons by gas chromatography following extraction with DCM/Acetone for solids and DCM for liquids.
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
BTEX in Water								
Date Extracted				26/09/07	[NT]	[NT]	LCS	26/09/07 [N/T]
Date Analysed				26/09/07	[NT]	[NT]	LCS	26/09/07 [N/T]
Benzene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	99 [N/T]
Toluene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	99 [N/T]
Ethylbenzene	µg/L	1	SEO-018	<1	[NT]	[NT]	LCS	99 [N/T]
Total Xylenes	µg/L	3	SEO-018	<3	[NT]	[NT]	LCS	99 [N/T]
Surrogate	%	0	SEO-018	[NT]	[NT]	[NT]	[NR]	[NR]
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
TRH in Water, C6-C9 P/T(∞g/L)								
Date Extracted				26/09/07	[NT]	[NT]	LCS	26/09/07 [N/T]
Date Analysed				26/09/07	[NT]	[NT]	LCS	26/09/07 [N/T]
TRH C6 - C9 P&T	µg/L	40	SEO-017	<40.0	[NT]	[NT]	LCS	96 [N/T]
TRH C10 - C14	µg/L	100	SEO-020	<100	[NT]	[NT]	LCS	110 [N/T]
TRH C15 - C28	µg/L	200	SEO-020	<200	[NT]	[NT]	LCS	115 [N/T]
TRH C29 - C36	µg/L	200	SEO-020	<200	[NT]	[NT]	LCS	109 [N/T]
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Trace HM (ICP-MS)-Dissolved								
Date Extracted				26/09/07	[NT]	[NT]	LCS	26/09/2007 [N/T]
Date Analysed				26/09/07	[NT]	[NT]	LCS	26/09/2007 [N/T]
Arsenic	µg/L	1	AN318	<1.0	[NT]	[NT]	LCS	96 [N/T]
Cadmium	µg/L	0.1	AN318	<0.10	[NT]	[NT]	LCS	91 [N/T]
Chromium	µg/L	1	AN318	<1.0	[NT]	[NT]	LCS	102 [N/T]
Copper	µg/L	1	AN318	<1.0	[NT]	[NT]	LCS	99 [N/T]
Lead	µg/L	1	AN318	<1.0	[NT]	[NT]	LCS	98 [N/T]
Nickel	µg/L	1	AN318	<1.0	[NT]	[NT]	LCS	115 [N/T]
Zinc	µg/L	1	AN318	<1.0	[NT]	[NT]	LCS	95 [N/T]

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Mercury, Cold Vapor/Hg Analyser								
Date Extracted				26/09/07	[NT]	[NT]	LCS	26/9/07 [N/T]
Date Analysed				26/09/07	[NT]	[NT]	LCS	26/09/07 [N/T]
Mercury (Dissolved)	mg/L	0.0005	SEM-005	<0.0005	[NT]	[NT]	LCS	105 [N/T]

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

Date Organics extraction commenced: 26/09/07

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).

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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. _____ Speed _____

Sheet

No: 29037

Dispatch to:
(Address &
Phone No.)

Sampled by DLH

Consigning Officer: SD
Date Dispatched: 1/1/72

10

Attention:

Project Manager:
(report results to)

Courier Service: *1425*
Consignment Note No.

100

Relinquished by:

Date: _____ Time: _____

Time:

Received by:

Date: _____	Time: _____
-------------	-------------

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:

$$\text{Smeltab} = \text{As, Cd, Cr, Cu, Pb, Hg, Ni, Zn}$$

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 

Chain of Custody

No: 29038

Laboratory Quotation / Order No.

Job No: 02021774 Sheet 2 of 11

Dispatch to:
(Address &
Phone No.)

Sampled by: DH

Consigning Officer: SD

Attention:

Project Manager:
(report results to) SD

Date Dispatched: 24/11/07

Courier Service: AAT

Consignment Note No.

Relinquished by:

Date: 24/11

Time:

Received by:

Date: 25/11/07

Time: 12:00pm

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:

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

10-1175002

Coffey

Chain of Custody

Laboratory Quotation / Order No.

Job No. 020111A

Sheet 4 of 11

Dispatch to: SSS
(Address & Phone No.)

Sampled by: DH

Consigning Officer: S

Date Dispatched: 24/9/03

Attention:

Project Manager: SA
(report results to)

Courier Service: AHS
Consignment Note No:

Relinquished by:

Date: 24/9

Time:

Received by:

Date:

Time:

Comments:

Date:

Time:

Received by:

Date:

Time:

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

PAHs
TPHs
MAHs = BTEX
8 Metals: #

Svoc/voc
Asbestos

Analysis Required

Sample Condition on Receipt

Special Laboratory Instructions:

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

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



Chain of Custody

Laboratory Quotation / Order No.

Job No. 0202152

No: 29041
Sheet 5 of 11

Dispatch to:
(Address & Phone No.)
SSS

Sampled by: DM

Consigning Officer: SD

Date Dispatched: 2/1/9

Attention:

Project Manager: SD
(report results to)

Courier Service: HHS

Consignment Note No.

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Comments

Sample Matrix

Container Type and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

%Metals:

Svoc/VOC

Asbestos

Analyses Required

Sample Condition on Receipt

Special Laboratory Instructions:

Detection Limits:

Turnaround Required:

Copies: WHITE: Sign on release. YELLOW: If dispatched to Infrastat 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



Chain of Custody

Laboratory Quotation / Order No:

Job No:

No: 29042
Sheet 6 of 11

Dispatch to:
(Address &
Phone No)

Sampled by: DH

Consigning Officer: SD

Attention:

Project Manager:
(deport results to): SD

Courier Service: AAT

Relinquished by:

Date:

Time:

Received by:

Date:

Time:

Comments

Sample Matrix

Container Type
and Preservative

Sample No.

Date Sampled

PAHs

TPHs

MAHs = BTEX

Metals:

Svoc/Voc
Asbestos

Analyses Required:

Sample
Condition
on Receipt

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.

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Coffey

AU.SampleReceipt.Sydney (Sydney)

From: Strider Duerinckx [Strider_Duerinckx@coffey.com]
Sent: Thursday, 20 September 2007 3:17 PM
To: AU.SampleReceipt.Sydney (Sydney)
Subject: RE: Second batch

Yes Angela I have faxed through the COC (12 pages) as the email only sent part. There are about 10 composites to be created from 3 samples each. Generally only the 10 composites need to be analysed, but for these 3 discrete samples the 3 discrete samples need to be analysed then composited into their respective composites and analysed again as part of the 10 composites. I wonder if enough vol will be available?

STRIDER DUERINCKX
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 Angela

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Sent: Thursday, 20 September 2007 1:58 PM
To: Stenta, Alexandra (Sydney)
Subject: Second batch

Hi Alexandra, attached is a scanned image of the COC for a batch of 6 eskies being sent down tonight. I am sending it now in case it helps with your sample processing.
 As an addendum can you please add PAH, OCP/OPP/PCB and 8 metals analyses to the discrete samples SS1, SS17 and SS81 prior to compositing.

STRIDER DUERINCKX

Senior Engineering Geologist
Coffey Geotechnics Pty Ltd

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

0402 608 396

20/09/2007

3 October 2007

TEST REPORT

Coffey Geotechnics Pty Ltd

Unit 17, Mt Penang Parklands

KARIONG

NSW 2250

Your Reference: 02021AA - Soils

Report Number: 55398

Attention: Strider Duerinckx

Dear Strider

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

Samples:	Qty.	63 Soils
Date of Receipt of Samples:		25/09/07
Date of Receipt of Instructions:		25/09/07
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.

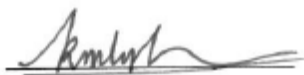
The results and associated quality control are contained in the following pages of this report.

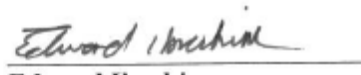
Unless otherwise stated, solid samples are expressed on a dry weight basis (moisture has been supplied for your information only), air and liquid samples as received.

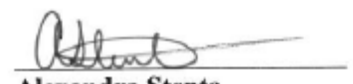
Should you have any queries regarding this report please contact the undersigned.

Yours faithfully

SGS ENVIRONMENTAL SERVICES


Ly Kim Ha
Senior Organic Chemist


Edward Ibrahim
Laboratory Services Manager


Alexandra Stenta
Key Account Representative

BTEX in Soil					
Our Reference:	UNITS	55398-38	55398-41	55398-44	55398-47
Your Reference	-----	ETP69	ETP70	ETP71	ETP72
Depth	-----	0.0-0.1	0.0-0.1	0.0-0.1	0.0-0.1
Sample Type		Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference					
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007
Benzene	mg/kg	<0.5	<0.5	<0.5	<0.5
Toluene	mg/kg	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	mg/kg	<0.5	<0.5	<0.5	<0.5
Total Xylenes	mg/kg	<1.5	<1.5	<1.5	<1.5
BTEX Surrogate (%)	%	79	88	84	84

TRH in soil with..C6-C9 by P/T					
Our Reference:	UNITS	55398-38	55398-41	55398-44	55398-47
Your Reference	-----	ETP69	ETP70	ETP71	ETP72
Depth	-----	0.0-0.1	0.0-0.1	0.0-0.1	0.0-0.1
Sample Type		Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference					
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007
TRH C ₆ - C ₉ P&T	mg/kg	<20	<20	<20	<20
TRH C ₁₀ - C ₁₄	mg/kg	<20	<20	<20	<20
TRH C ₁₅ - C ₂₈	mg/kg	<50	<50	<50	<50
TRH C ₂₉ - C ₃₆	mg/kg	<50	<50	<50	<50

PAHs in Soil Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-38 ETP69 0.0-0.1 Soil 21/09/2007	55398-44 ETP71 0.0-0.1 Soil 21/09/2007	55398-71 Composite 28 - Soil 21/09/2007 62+63+64	55398-72 Composite 29 - Soil 21/09/2007 65+66+67	55398-73 Composite 30 - Soil 21/09/2007 68+69+70
Date Extracted		28/09/2007	28/09/2007	28/09/2007	28/09/2007	28/09/2007
Date Analysed		28/09/2007	28/09/2007	28/09/2007	28/09/2007	28/09/2007
Naphthalene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[a]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[b,k]fluoranthene	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Benzo[a]pyrene	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno[123-cd]pyrene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo[ah]anthracene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo[ghi]perylene	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Total PAHs	mg/kg	<1.55	<1.55	<1.55	<1.55	<1.55
Nitrobenzene-d5	%	102	100	98	104	93
2-Fluorobiphenyl	%	104	94	99	97	94
<i>p</i> -Terphenyl-d14	%	101	102	100	104	97

OC Pesticides in Soil Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-5 ETP54 0.0-0.1 Soil 21/09/2007	55398-8 ETP55 0.0-0.1 Soil 21/09/2007	55398-11 ETP56 0.0-0.1 Soil 21/09/2007	55398-14 ETP57 0.0-0.1 Soil 21/09/2007	55398-15 ETP57 0.4-0.5 Soil 21/09/2007
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	123	115	118	117	125

OC Pesticides in Soil Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-16 ETP58 0.0-0.1 Soil 21/09/2007	55398-18 ETP59 0.0-0.1 Soil 21/09/2007	55398-20 ETP60 0.0-0.1 Soil 21/09/2007	55398-21 ETP60 0.4-0.5 Soil 21/09/2007	55398-22 ETP61 0.0-0.1 Soil 21/09/2007
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	121	124	117	120	117

OC Pesticides in Soil Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-24 ETP62 0.0-0.1 Soil 21/09/2007	55398-26 ETP63 0.0-0.1 Soil 21/09/2007	55398-28 ETP64 0.0-0.1 Soil 21/09/2007	55398-30 ETP65 0.0-0.1 Soil 21/09/2007	55398-32 ETP66 0.0-0.1 Soil 21/09/2007
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate)	%	117	116	117	117	121

OC Pesticides in Soil Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-34 ETP67 0.0-0.1 Soil 21/09/2007	55398-36 ETP68 0.0-0.1 Soil 21/09/2007	55398-71 Composit e 28 - Soil 21/09/2007 62+63+64	55398-72 Composit e 29 - Soil 21/09/2007 65+66+67	55398-73 Composit e 30 - Soil 21/09/2007 68+69+70
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
gamma-BHC (Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>delta</i> -BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor Epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>alpha</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>cis</i> -Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>trans</i> -Nonachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>o,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>beta</i> -Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
<i>p,p</i> -DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endosulfan Sulphate	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5,6-Tetrachloro-m-xylene (Surrogate	%	128	117	108	111	111

OP Pesticides in Soil						
Our Reference:	UNITS	55398-5	55398-8	55398-11	55398-14	55398-15
Your Reference	-----	ETP54	ETP55	ETP56	ETP57	ETP57
Depth	-----	0.0-0.1	0.0-0.1	0.0-0.1	0.0-0.1	0.4-0.5
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	123	115	118	117	125

OP Pesticides in Soil						
Our Reference:	UNITS	55398-16	55398-18	55398-20	55398-21	55398-22
Your Reference	-----	ETP58	ETP59	ETP60	ETP60	ETP61
Depth	-----	0.0-0.1	0.0-0.1	0.0-0.1	0.4-0.5	0.0-0.1
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	121	124	117	120	117

OP Pesticides in Soil						
Our Reference:	UNITS	55398-24	55398-26	55398-28	55398-30	55398-32
Your Reference	-----	ETP62	ETP63	ETP64	ETP65	ETP66
Depth	-----	0.0-0.1	0.0-0.1	0.0-0.1	0.0-0.1	0.0-0.1
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	117	116	117	117	121

OP Pesticides in Soil Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-34 ETP67 0.0-0.1 Soil 21/09/2007	55398-36 ETP68 0.0-0.1 Soil 21/09/2007	55398-71 Composit e 28 - Soil 21/09/2007 62+63+64	55398-72 Composit e 29 - Soil 21/09/2007 65+66+67	55398-73 Composit e 30 - Soil 21/09/2007 68+69+70
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Bromofos Ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
OP_Surrogate 1	%	128	117	108	111	111

PCBs in Soil Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-71 Composite 28 Soil 21/09/2007 62+63+64	55398-72 Composite 29 Soil 21/09/2007 65+66+67	55398-73 Composite 30 Soil 21/09/2007 68+69+70
Date Extracted		27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07
Arochlor 1016	mg/kg	<0.1	<0.1	<0.1
Arochlor 1221	mg/kg	<0.1	<0.1	<0.1
Arochlor 1232	mg/kg	<0.1	<0.1	<0.1
Arochlor 1242	mg/kg	<0.1	<0.1	<0.1
Arochlor 1248	mg/kg	<0.1	<0.1	<0.1
Arochlor 1254	mg/kg	<0.1	<0.1	<0.1
Arochlor 1260	mg/kg	<0.1	<0.1	<0.1
Arochlor 1262	mg/kg	<0.1	<0.1	<0.1
Arochlor 1268	mg/kg	<0.1	<0.1	<0.1
Total Positive PCB	mg/kg	<0.90	<0.90	<0.90
PCB_Surrogate 1	%	108	111	111

Total Phenolics in Soil			
Our Reference:	UNITS	55398-38	55398-44
Your Reference	-----	ETP69	ETP71
Depth	-----	0.0-0.1	0.0-0.1
Sample Type		Soil	Soil
Date Sampled		21/09/2007	21/09/2007
Composite Reference			
Date Extracted (Phenols)		2/10/2007	2/10/2007
Date Analysed (Phenols)		2/10/2007	2/10/2007
Total Phenolics (as Phenol)	mg/kg	<0.5	1.6

Cyanide						
Our Reference:	UNITS	55398-8	55398-14	55398-18	55398-22	55398-26
Your Reference	-----	ETP55	ETP57	ETP59	ETP61	ETP63
Depth	-----	0.0-0.1	0.0-0.1	0.0-0.1	0.0-0.1	0.0-0.1
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Date Extracted		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Date Analysed		2/10/2007	2/10/2007	2/10/2007	2/10/2007	2/10/2007
Total Cyanide	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5

Cyanide			
Our Reference:	UNITS	55398-30	55398-34
Your Reference	-----	ETP65	ETP67
Depth	-----	0.0-0.1	0.0-0.1
Sample Type		Soil	Soil
Date Sampled		21/09/2007	21/09/2007
Composite Reference			
Date Extracted		2/10/2007	2/10/2007
Date Analysed		2/10/2007	2/10/2007
Total Cyanide	mg/kg	<0.5	<0.5

Metals in Soil by ICP-OES						
Our Reference:	UNITS	55398-5	55398-6	55398-8	55398-11	55398-12
Your Reference	-----	ETP54	ETP54	ETP55	ETP56	ETP56
Depth	-----	0.0-0.1	0.4-0.5	0.0-0.1	0.0-0.1	0.4-0.5
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Arsenic	mg/kg	<3	<3	<3	<3	4
Cadmium	mg/kg	<0.1	<0.1	<0.1	0.1	0.2
Chromium	mg/kg	3.0	12	4.2	6.5	25
Copper	mg/kg	1.0	<0.5	1.0	8.3	<0.5
Lead	mg/kg	3	5	4	5	7
Nickel	mg/kg	<0.5	0.8	<0.5	6.3	3.2
Zinc	mg/kg	3.1	3.1	9.3	30	2.9

Metals in Soil by ICP-OES						
Our Reference:	UNITS	55398-14	55398-15	55398-16	55398-17	55398-18
Your Reference	-----	ETP57	ETP57	ETP58	ETP58	ETP59
Depth	-----	0.0-0.1	0.4-0.5	0.0-0.1	0.4-0.5	0.0-0.1
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Arsenic	mg/kg	<3	<3	3	3	<3
Cadmium	mg/kg	<0.1	0.1	<0.1	0.2	<0.1
Chromium	mg/kg	3.3	14	3.5	12	2.2
Copper	mg/kg	0.8	0.6	1.7	1.6	1.4
Lead	mg/kg	5	9	5	7	3
Nickel	mg/kg	<0.5	1.0	<0.5	0.95	<0.5
Zinc	mg/kg	3.4	3.9	4.8	5.6	7.8

Metals in Soil by ICP-OES Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-20 ETP60 0.0-0.1 Soil 21/09/2007	55398-21 ETP60 0.4-0.5 Soil 21/09/2007	55398-22 ETP61 0.0-0.1 Soil 21/09/2007	55398-24 ETP62 0.0-0.1 Soil 21/09/2007	55398-25 ETP62 0.4-0.5 Soil 21/09/2007
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Arsenic	mg/kg	<3	<3	<3	<3	<3
Cadmium	mg/kg	<0.1	<0.1	<0.1	<0.1	0.1
Chromium	mg/kg	1.5	4.2	1.6	2.1	4.8
Copper	mg/kg	1.7	5.1	1.8	2.1	12
Lead	mg/kg	3	3	4	6	4
Nickel	mg/kg	0.5	1.1	<0.5	0.6	0.8
Zinc	mg/kg	4.8	5.8	5.5	4.7	3.8

Metals in Soil by ICP-OES Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-26 ETP63 0.0-0.1 Soil 21/09/2007	55398-28 ETP64 0.0-0.1 Soil 21/09/2007	55398-29 ETP64 0.4-0.5 Soil 21/09/2007	55398-30 ETP65 0.0-0.1 Soil 21/09/2007	55398-32 ETP66 0.0-0.1 Soil 21/09/2007
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Arsenic	mg/kg	<3	<3	<3	<3	<3
Cadmium	mg/kg	<0.1	<0.1	0.2	<0.1	<0.1
Chromium	mg/kg	1.6	1.4	2.1	2.0	1.2
Copper	mg/kg	2.5	1.8	0.7	3.4	2.5
Lead	mg/kg	4	3	9.1	7	4
Nickel	mg/kg	0.7	0.5	0.5	0.8	0.8
Zinc	mg/kg	22	4.1	2.8	8.2	10

Metals in Soil by ICP-OES Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-33 ETP66 0.4-0.5 Soil 21/09/2007	55398-34 ETP67 0.0-0.1 Soil 21/09/2007	55398-36 ETP68 0.0-0.1 Soil 21/09/2007	55398-37 ETP68 0.4-0.5 Soil 21/09/2007	55398-38 ETP69 0.0-0.1 Soil 21/09/2007
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Arsenic	mg/kg	<3	<3	<3	<3	7
Cadmium	mg/kg	0.1	<0.1	0.1	0.1	0.2
Chromium	mg/kg	2.5	1.2	2.6	2.6	8.7
Copper	mg/kg	3.8	2.4	4.5	3.7	1.4
Lead	mg/kg	5	3	7	4	17
Nickel	mg/kg	1.2	0.8	1.4	0.8	0.6
Zinc	mg/kg	5.8	7.0	26	11	8.2

Metals in Soil by ICP-OES Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-39 ETP69 0.4-0.5 Soil 21/09/2007	55398-41 ETP70 0.0-0.1 Soil 21/09/2007	55398-44 ETP71 0.0-0.1 Soil 21/09/2007	55398-45 ETP71 0.4-0.5 Soil 21/09/2007	55398-47 ETP72 0.0-0.1 Soil 21/09/2007
Date Extracted		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07	27.09.07	27.09.07
Arsenic	mg/kg	5	4	<3	<3	<3
Cadmium	mg/kg	0.2	0.1	<0.1	0.1	0.2
Chromium	mg/kg	13	16	7.6	22	7.7
Copper	mg/kg	0.7	0.6	14	<0.5	12
Lead	mg/kg	11	7	6	5	18
Nickel	mg/kg	0.7	0.6	5.5	2.8	5.6
Zinc	mg/kg	5.3	4.3	20	2.6	42

Metals in Soil by ICP-OES Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-71 Composite 28 - Soil 21/09/2007 62+63+64	55398-72 Composite 29 - Soil 21/09/2007 65+66+67	55398-73 Composite 30 - Soil 21/09/2007 68+69+70
Date Extracted		27.09.07	27.09.07	27.09.07
Date Analysed		27.09.07	27.09.07	27.09.07
Arsenic	mg/kg	5	<3	<3
Cadmium	mg/kg	0.2	<0.1	<0.1
Chromium	mg/kg	3.0	1.3	1.3
Copper	mg/kg	2.4	1.2	0.96
Lead	mg/kg	9.8	6	3
Nickel	mg/kg	0.91	0.5	<0.5
Zinc	mg/kg	24	5.3	2.6

Mercury,Cold Vapor/Hg Analyser						
Our Reference:	UNITS	55398-5	55398-6	55398-8	55398-11	55398-12
Your Reference	-----	ETP54	ETP54	ETP55	ETP56	ETP56
Depth	-----	0.0-0.1	0.4-0.5	0.0-0.1	0.0-0.1	0.4-0.5
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser						
Our Reference:	UNITS	55398-14	55398-15	55398-16	55398-17	55398-18
Your Reference	-----	ETP57	ETP57	ETP58	ETP58	ETP59
Depth	-----	0.0-0.1	0.4-0.5	0.0-0.1	0.4-0.5	0.0-0.1
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser						
Our Reference:	UNITS	55398-20	55398-21	55398-22	55398-24	55398-25
Your Reference	-----	ETP60	ETP60	ETP61	ETP62	ETP62
Depth	-----	0.0-0.1	0.4-0.5	0.0-0.1	0.0-0.1	0.4-0.5
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser						
Our Reference:	UNITS	55398-26	55398-28	55398-29	55398-30	55398-32
Your Reference	-----	ETP63	ETP64	ETP64	ETP65	ETP66
Depth	-----	0.0-0.1	0.0-0.1	0.4-0.5	0.0-0.1	0.0-0.1
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-33 ETP66 0.4-0.5 Soil 21/09/2007	55398-34 ETP67 0.0-0.1 Soil 21/09/2007	55398-36 ETP68 0.0-0.1 Soil 21/09/2007	55398-37 ETP68 0.4-0.5 Soil 21/09/2007	55398-38 ETP69 0.0-0.1 Soil 21/09/2007
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-39 ETP69 0.4-0.5 Soil 21/09/2007	55398-41 ETP70 0.0-0.1 Soil 21/09/2007	55398-44 ETP71 0.0-0.1 Soil 21/09/2007	55398-45 ETP71 0.4-0.5 Soil 21/09/2007	55398-47 ETP72 0.0-0.1 Soil 21/09/2007
Date Extracted		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Mercury,Cold Vapor/Hg Analyser Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-71 Composite 28 - Soil 21/09/2007 62+63+64	55398-72 Composite 29 - Soil 21/09/2007 65+66+67	55398-73 Composite 30 - Soil 21/09/2007 68+69+70
Date Extracted		26/09/2007	26/09/2007	26/09/2007
Date Analysed		26/09/2007	26/09/2007	26/09/2007
Mercury	mg/kg	<0.05	<0.05	<0.05

Moisture						
Our Reference:	UNITS	55398-5	55398-6	55398-8	55398-11	55398-12
Your Reference	-----	ETP54	ETP54	ETP55	ETP56	ETP56
Depth	-----	0.0-0.1	0.4-0.5	0.0-0.1	0.0-0.1	0.4-0.5
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Moisture	%	11	21	12	9	18
Date Extracted (Moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed (moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007

Moisture						
Our Reference:	UNITS	55398-14	55398-15	55398-16	55398-17	55398-18
Your Reference	-----	ETP57	ETP57	ETP58	ETP58	ETP59
Depth	-----	0.0-0.1	0.4-0.5	0.0-0.1	0.4-0.5	0.0-0.1
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Moisture	%	13	24	15	22	19
Date Extracted (Moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed (moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007

Moisture						
Our Reference:	UNITS	55398-20	55398-21	55398-22	55398-24	55398-25
Your Reference	-----	ETP60	ETP60	ETP61	ETP62	ETP62
Depth	-----	0.0-0.1	0.4-0.5	0.0-0.1	0.0-0.1	0.4-0.5
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Moisture	%	18	24	17	19	20
Date Extracted (Moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed (moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007

Moisture						
Our Reference:	UNITS	55398-26	55398-28	55398-29	55398-30	55398-32
Your Reference	-----	ETP63	ETP64	ETP64	ETP65	ETP66
Depth	-----	0.0-0.1	0.0-0.1	0.4-0.5	0.0-0.1	0.0-0.1
Sample Type		Soil	Soil	Soil	Soil	Soil
Date Sampled		21/09/2007	21/09/2007	21/09/2007	21/09/2007	21/09/2007
Composite Reference						
Moisture	%	16	20	15	18	20
Date Extracted (Moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed (moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007

Moisture Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-33 ETP66 0.4-0.5 Soil 21/09/2007	55398-34 ETP67 0.0-0.1 Soil 21/09/2007	55398-36 ETP68 0.0-0.1 Soil 21/09/2007	55398-37 ETP68 0.4-0.5 Soil 21/09/2007	55398-38 ETP69 0.0-0.1 Soil 21/09/2007
Moisture	%	24	19	31	25	19
Date Extracted (Moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed (moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007

Moisture Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-39 ETP69 0.4-0.5 Soil 21/09/2007	55398-41 ETP70 0.0-0.1 Soil 21/09/2007	55398-44 ETP71 0.0-0.1 Soil 21/09/2007	55398-45 ETP71 0.4-0.5 Soil 21/09/2007	55398-47 ETP72 0.0-0.1 Soil 21/09/2007
Moisture	%	26	10	10	16	13
Date Extracted (Moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007
Date Analysed (moisture)		26/09/2007	26/09/2007	26/09/2007	26/09/2007	26/09/2007

Moisture Our Reference: Your Reference Depth Sample Type Date Sampled Composite Reference	UNITS ----- -----	55398-71 Composite 28 - Soil 21/09/2007 62+63+64	55398-72 Composite 29 - Soil 21/09/2007 65+66+67	55398-73 Composite 30 - Soil 21/09/2007 68+69+70
Moisture	%	16	13	17
Date Extracted (Moisture)		26/09/2007	26/09/2007	26/09/2007
Date Analysed (moisture)		26/09/2007	26/09/2007	26/09/2007

Method ID	Methodology Summary
SEO-018	BTEX - Determination by purge and trap/ Gas Chromatography with MS Detection.
SEO-017	BTEX/TRH C6-C9 - Determination by Purge and Trap Gas Chromatography with Flame Ionisation Detection (FID) and Photo Ionisation Detection (PID). The surrogate spike used is aaa-trifluorotoluene.
SEO-020	TRH - Determination of Total Recoverable Hydrocarbons by gas chromatography following extraction with DCM/Acetone for solids and DCM for liquids.
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	Phenols - Determined by colourimetric method using Discrete Analyser, following steam distillation of the sample.
SEI-045	Cyanide (Total or Free) - Total Cyanide is determined by colourimetric method using Discrete Analyser, following steam distillation of the acidified sample. Free Cyanide is determined by colourimetric method using Discrete Analyser on non-distilled sample.
SEM-010	Metals - Determination of various metals by ICP-AES following aqua regia digest.
SEM-005	Mercury - Determination of Mercury by Cold Vapour Generation Atomic Absorption Spectroscopy.
AN002	Preparation of soils, sediments and sludges undergo analysis by either air drying, compositing, subsampling and 1:5 soil water extraction where required. Moisture content is determined by drying the sample at 105 ± 5°C.

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
BTEX in Soil								
Date Extracted				26/09/07	55398-38	26/09/2007 26/09/2007	55398-41	26/09/07 [N/T]
Date Analysed				26/09/07	55398-38	26/09/2007 26/09/2007	55398-41	26/09/07 [N/T]
Benzene	mg/kg	0.5	SEO-018	<0.5	55398-38	<0.5 <0.5	55398-41	77 [N/T]
Toluene	mg/kg	0.5	SEO-018	<0.5	55398-38	<0.5 <0.5	55398-41	76 [N/T]
Ethylbenzene	mg/kg	0.5	SEO-018	<0.5	55398-38	<0.5 <0.5	55398-41	76 [N/T]
Total Xylenes	mg/kg	1.5	SEO-018	<1.5	55398-38	<1.5 <1.5	55398-41	79 [N/T]
BTEX Surrogate (%)	%	0	SEO-018	93	55398-38	79 77 RPD: 3	55398-41	82 [N/T]
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
TRH in soil with..C6-C9 by P/T								
Date Extracted				26/09/07	55398-38	26/09/2007 26/09/2007	55398-41	26/09/07 [N/T]
Date Analysed				26/09/07	55398-38	26/09/2007 26/09/2007	55398-41	26/09/07 [N/T]
TRH C6 - C9 P&T	mg/kg	20	SEO-017	<20	55398-38	<20 <20	55398-41	90 [N/T]
TRH C10 - C14	mg/kg	20	SEO-020	<20	55398-38	<20 [N/T]	[NR]	[NR]
TRH C15 - C28	mg/kg	50	SEO-020	<50	55398-38	<50 [N/T]	[NR]	[NR]
TRH C29 - C36	mg/kg	50	SEO-020	<50	55398-38	<50 [N/T]	[NR]	[NR]
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
PAHs in Soil								
Date Extracted				28/09/07	[NT]	[NT]	LCS	27/09/07 [N/T]
Date Analysed				28/09/07	[NT]	[NT]	LCS	27/09/07 [N/T]
Naphthalene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	100 [N/T]
Acenaphthylene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	93 [N/T]
Acenaphthene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	125 [N/T]
Fluorene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Phenanthrene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	107 [N/T]
Anthracene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	110 [N/T]
Fluoranthene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	108 [N/T]
Pyrene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	LCS	110 [N/T]
Benzo[a]anthracene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Chrysene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Benzo[b,k]fluoranthene	mg/kg	0.2	SEO-030	<0.2	[NT]	[NT]	[NR]	[NR]
Benzo[a]pyrene	mg/kg	0.05	SEO-030	<0.05	[NT]	[NT]	LCS	111 [N/T]
Indeno[123-cd]pyrene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL PAHs in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Dibenzo[ah]anthracene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Benzo[ghi]perylene	mg/kg	0.1	SEO-030	<0.1	[NT]	[NT]	[NR]	[NR]
Total PAHs	mg/kg	1.55	SEO-030	1.55	[NT]	[NT]	[NR]	[NR]
Nitrobenzene-d5	%	0	SEO-030	98	[NT]	[NT]	LCS	97 [N/T]
2-Fluorobiphenyl	%	0	SEO-030	98	[NT]	[NT]	LCS	95 [N/T]
<i>p</i> -Terphenyl-d 14	%	0	SEO-030	102	[NT]	[NT]	LCS	104 [N/T]
QUALITY CONTROL OC Pesticides in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery Duplicate + %RPD
Date Extracted				27/09/07	55398-5	27.09.07 27.09.07	55398-8	27/09/07 [N/T]
Date Analysed				27/09/07	55398-5	27.09.07 27.09.07	55398-8	27/09/07 [N/T]
HCB	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -BHC	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
gamma-BHC (Lindane)	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
Heptachlor	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	55398-8	83 [N/T]
Aldrin	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	55398-8	105 [N/T]
<i>beta</i> -BHC	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>delta</i> -BHC	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	55398-8	100 [N/T]
Heptachlor Epoxide	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDE	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>alpha</i> -Endosulfan	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Chlordane	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>cis</i> -Chlordane	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>trans</i> -Nonachlor	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDE	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
Dieldrin	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	55398-8	98 [N/T]
Endrin	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	55398-8	90 [N/T]
<i>o,p</i> -DDD	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>o,p</i> -DDT	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>beta</i> -Endosulfan	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDD	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
<i>p,p</i> -DDT	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	55398-8	88 [N/T]
Endosulfan Sulphate	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
Methoxychlor	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
Endrin Ketone	mg/kg	0.1	SEO-005	<0.1	55398-5	<0.1 <0.1	[NR]	[NR]
2,4,5,6-Tetrachloro-m-xy lene (Surrogate)	%	0	SEO-005	109	55398-5	123 113 RPD: 8	55398-8	98 [N/T]