ALS Environmental

Analytical Results

			Client Sample ID :	MG05/1.8	MG05/3.4	MG05/5.0	MG06/1.0	MG06/2.0
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :	ES0610135-029	ES0610135-030	ES0610135-031	ES0610135-032	ES0610135-033
Analyte	**CAS number**	**LOR**	**Units**					
EP068B: Organophosphorus Pesticides (OP)								
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	----	----	----	<0.05
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	----	----	----	<0.05
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	----	----	----	<0.2
Dimethoate	60-51-5	0.05	mg/kg	<0.05	----	----	----	<0.05
Diazinon	333-41-5	0.05	mg/kg	<0.05	----	----	----	<0.05
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	----	----	----	<0.05
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	----	----	----	<0.2
Malathion	121-75-5	0.05	mg/kg	<0.05	----	----	----	<0.05
Fenthion	55-38-9	0.05	mg/kg	<0.05	----	----	----	<0.05
Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	----	----	----	<0.05
Parathion	56-38-2	0.2	mg/kg	<0.2	----	----	----	<0.2
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	----	----	----	<0.05
Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	----	----	----	<0.05
Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	----	----	----	<0.05
Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	----	----	----	<0.05
Prothiofos	34643-46-4	0.05	mg/kg	<0.05	----	----	----	<0.05
Ethion	563-12-2	0.05	mg/kg	<0.05	----	----	----	<0.05
Carbophenothion	786-19-6	0.05	mg/kg	<0.05	----	----	----	<0.05
Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	----	----	----	<0.05
EP075(SIM)A: Phenolic Compounds								
Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	----	----	<0.5
2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	----	----	<0.5
2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	----	----	<0.5
3- & 4-Methylphenol	1319-77-3	1.0	mg/kg	<1.0	<1.0	----	----	<1.0
2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	----	----	<0.5
2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	----	----	<0.5
2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	----	----	<0.5
2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	----	----	<0.5
4-Chloro-3-Methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	----	----	<0.5
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	----	----	<0.5
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	----	----	<0.5
Pentachlorophenol	87-86-5	2.0	mg/kg	<2.0	<2.0	----	----	<2.0
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	218	34.0	50.5	74.8	73.7
Acenaphthylene	208-96-8	0.5	mg/kg	10.2	2.2	2.9	3.1	2.4
Acenaphthene	83-32-9	0.5	mg/kg	9.6	<0.5	0.6	5.8	3.6
Fluorene	86-73-7	0.5	mg/kg	7.1	1.4	1.5	6.1	2.6

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Analytical Results

			Client Sample ID :	MG05/1.8	MG05/3.4	MG05/5.0	MG06/1.0	MG06/2.0
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :	ES0610135-029	ES0610135-030	ES0610135-031	ES0610135-032	ES0610135-033
Analyte	**CAS number**	**LOR**	**Units**					
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Phenanthrene	85-01-8	0.5	mg/kg	13.8	2.8	3.7	14.2	6.6
Anthracene	120-12-7	0.5	mg/kg	4.4	0.8	1.1	3.8	2.0
Fluoranthene	206-44-0	0.5	mg/kg	6.3	1.2	1.7	7.0	3.0
Pyrene	129-00-0	0.5	mg/kg	7.5	1.4	1.9	9.2	4.0
Benz(a)anthracene	56-55-3	0.5	mg/kg	2.8	<0.5	0.6	2.8	1.2
Chrysene	218-01-9	0.5	mg/kg	2.5	<0.5	0.6	2.4	1.1
Benzo(b)fluoranthene	205-99-2	0.5	mg/kg	1.1	<0.5	<0.5	1.0	<0.5
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	1.6	<0.5	<0.5	1.4	0.5
Benzo(a)pyrene	50-32-8	0.5	mg/kg	2.2	<0.5	<0.5	2.0	0.8
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	0.6	<0.5	<0.5	0.6	<0.5
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	0.8	<0.5	<0.5	0.8	<0.5
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction		2	mg/kg	118	----	92	18	41
C10 - C14 Fraction		50	mg/kg	2100	----	580	660	620
C15 - C28 Fraction		100	mg/kg	940	----	740	610	980
C29 - C36 Fraction		100	mg/kg	<100	----	<100	<100	<100
EP080: BTEX								
Benzene	71-43-2	0.2	mg/kg	<1.0	----	<0.2	0.2	<0.2
Toluene	108-88-3	0.2	mg/kg	5.6	----	7.3	0.8	2.5
Ethylbenzene	100-41-4	0.2	mg/kg	15.0	----	3.9	3.0	6.9
meta- & para-Xylene	108-38-3 106-42-3	0.2	mg/kg	53.3	----	22.7	5.0	13.9
ortho-Xylene	95-47-6	0.2	mg/kg	27.1	----	12.3	4.5	8.8
EP066S: PCB Surrogate								
Decachlorobiphenyl	2051-24-3	0.1	%	78.0	----	----	----	91.4
EP068S: Organochlorine Pesticide Surrogate								
Dibromo-DDE		0.1	%	69.4	----	----	----	91.6
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.1	%	73.3	----	----	----	91.6
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.1	%	86.7	88.1	87.2	88.9	85.1
2-Chlorophenol-D4	93951-73-6	0.1	%	84.8	88.8	88.9	89.4	84.8
2.4.6-Tribromophenol	118-79-6	0.1	%	79.4	75.8	76.1	84.8	74.0
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.1	%	87.1	86.5	87.4	88.1	83.4
Anthracene-d10	1719-06-8	0.1	%	89.8	87.7	87.5	91.6	84.5

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Analytical Results

				Client Sample ID :	MG05/1.8	MG05/3.4	MG05/5.0	MG06/1.0	MG06/2.0
				Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
				Laboratory Sample ID :					
Analyte	***CAS number***	***LOR***	***Units***		**ES0610135-029**	**ES0610135-030**	**ES0610135-031**	**ES0610135-032**	**ES0610135-033**
EP075(SIM)T: PAH Surrogates									
4-Terphenyl-d14	1718-51-0	0.1	%		82.0	82.8	84.6	84.5	78.6
EP080S: TPH(V)/BTEX Surrogates									
1.2-Dichloroethane-D4	17060-07-0	0.1	%		114	----	104	80.2	79.4
Toluene-D8	2037-26-5	0.1	%		99.8	----	111	99.5	101
4-Bromofluorobenzene	460-00-4	0.1	%		113	----	102	115	118

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Analytical Results

			Client Sample ID :	MG06/4.7	MG07/1.0	MG07/4.0	TP12/0.25	TP12/0.5
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :					
Analyte	*CAS number*	*LOR*	*Units*	ES0610135-034	ES0610135-035	ES0610135-036	ES0610135-037	ES0610135-038
EA055: Moisture Content								
Moisture Content (dried @ 103°C)		1.0	%	19.3	18.2	17.7	22.1	15.5
EG005T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	<5	5	<5	31	71
Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	2	1
Chromium	7440-47-3	2	mg/kg	18	22	27	26	18
Copper	7440-50-8	5	mg/kg	<5	13	<5	248	334
Lead	7439-92-1	5	mg/kg	23	26	20	1060	219
Nickel	7440-02-0	2	mg/kg	<2	<2	<2	21	11
Zinc	7440-66-6	5	mg/kg	<5	61	<5	1110	362
EG035T: Total Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	<0.1	0.7	0.2
EK025G: Free cyanide by Discrete Analyser								
Total Cyanide	57-12-5	1.0	mg/kg	2.1	----	----	----	----
EP066: Polychlorinated Biphenyls (PCB)								
Total Polychlorinated biphenyls		0.10	mg/kg	----	----	<0.10	----	<0.10
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	----	----	<0.05	----	<0.05
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	----	----	<0.05	----	<0.05
beta-BHC	319-85-7	0.05	mg/kg	----	----	<0.05	----	<0.05
gamma-BHC	58-89-9	0.05	mg/kg	----	----	<0.05	----	<0.05
delta-BHC	319-86-8	0.05	mg/kg	----	----	<0.05	----	<0.05
Heptachlor	76-44-8	0.05	mg/kg	----	----	<0.05	----	<0.05
Aldrin	309-00-2	0.05	mg/kg	----	----	<0.05	----	<0.05
Heptachlor epoxide	1024-57-3	0.05	mg/kg	----	----	<0.05	----	<0.05
trans-Chlordane	5103-74-2	0.05	mg/kg	----	----	<0.05	----	<0.05
alpha-Endosulfan	959-98-8	0.05	mg/kg	----	----	<0.05	----	<0.05
cis-Chlordane	5103-71-9	0.05	mg/kg	----	----	<0.05	----	<0.05
Dieldrin	60-57-1	0.05	mg/kg	----	----	<0.05	----	<0.05
4.4'-DDE	72-55-9	0.05	mg/kg	----	----	<0.05	----	<0.05
Endrin	72-20-8	0.05	mg/kg	----	----	<0.05	----	<0.05
beta-Endosulfan	33213-65-9	0.05	mg/kg	----	----	<0.05	----	<0.05
4.4'-DDD	72-54-8	0.05	mg/kg	----	----	<0.05	----	<0.05
Endrin aldehyde	7421-93-4	0.05	mg/kg	----	----	<0.05	----	<0.05
Endosulfan sulfate	1031-07-8	0.05	mg/kg	----	----	<0.05	----	<0.05
4.4'-DDT	50-29-3	0.2	mg/kg	----	----	<0.2	----	<0.2
Endrin ketone	53494-70-5	0.05	mg/kg	----	----	<0.05	----	<0.05
Methoxychlor	72-43-5	0.2	mg/kg	----	----	<0.2	----	<0.2

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Analytical Results

			Client Sample ID :	MG06/4.7	MG07/1.0	MG07/4.0	TP12/0.25	TP12/0.5
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :	ES0610135-034	ES0610135-035	ES0610135-036	ES0610135-037	ES0610135-038
Analyte	**CAS number**	**LOR**	**Units**					
EP068B: Organophosphorus Pesticides (OP)								
Dichlorvos	62-73-7	0.05	mg/kg	----	----	<0.05	----	<0.05
Demeton-S-methyl	919-86-8	0.05	mg/kg	----	----	<0.05	----	<0.05
Monocrotophos	6923-22-4	0.2	mg/kg	----	----	<0.2	----	<0.2
Dimethoate	60-51-5	0.05	mg/kg	----	----	<0.05	----	<0.05
Diazinon	333-41-5	0.05	mg/kg	----	----	<0.05	----	<0.05
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	----	----	<0.05	----	<0.05
Parathion-methyl	298-00-0	0.2	mg/kg	----	----	<0.2	----	<0.2
Malathion	121-75-5	0.05	mg/kg	----	----	<0.05	----	<0.05
Fenthion	55-38-9	0.05	mg/kg	----	----	<0.05	----	<0.05
Chlorpyrifos	2921-88-2	0.05	mg/kg	----	----	<0.05	----	<0.05
Parathion	56-38-2	0.2	mg/kg	----	----	<0.2	----	<0.2
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	----	----	<0.05	----	<0.05
Chlorfenvinphos	470-90-6	0.05	mg/kg	----	----	<0.05	----	<0.05
Bromophos-ethyl	4824-78-6	0.05	mg/kg	----	----	<0.05	----	<0.05
Fenamiphos	22224-92-6	0.05	mg/kg	----	----	<0.05	----	<0.05
Prothiofos	34643-46-4	0.05	mg/kg	----	----	<0.05	----	<0.05
Ethion	563-12-2	0.05	mg/kg	----	----	<0.05	----	<0.05
Carbophenothion	786-19-6	0.05	mg/kg	----	----	<0.05	----	<0.05
Azinphos Methyl	86-50-0	0.05	mg/kg	----	----	<0.05	----	<0.05
EP075(SIM)A: Phenolic Compounds								
Phenol	108-95-2	0.5	mg/kg	----	<0.5	<0.5	<0.5	<0.5
2-Chlorophenol	95-57-8	0.5	mg/kg	----	<0.5	<0.5	<0.5	<0.5
2-Methylphenol	95-48-7	0.5	mg/kg	----	<0.5	<0.5	<0.5	<0.5
3- & 4-Methylphenol	1319-77-3	1.0	mg/kg	----	<1.0	<1.0	<1.0	<1.0
2-Nitrophenol	88-75-5	0.5	mg/kg	----	<0.5	<0.5	<0.5	<0.5
2.4-Dimethylphenol	105-67-9	0.5	mg/kg	----	<0.5	<0.5	<0.5	<0.5
2.4-Dichlorophenol	120-83-2	0.5	mg/kg	----	<0.5	<0.5	<0.5	<0.5
2.6-Dichlorophenol	87-65-0	0.5	mg/kg	----	<0.5	<0.5	<0.5	<0.5
4-Chloro-3-Methylphenol	59-50-7	0.5	mg/kg	----	<0.5	<0.5	<0.5	<0.5
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	----	<0.5	<0.5	<0.5	<0.5
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	----	<0.5	<0.5	<0.5	<0.5
Pentachlorophenol	87-86-5	2.0	mg/kg	----	<2.0	<2.0	<2.0	<2.0
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	3.0	<0.5	<0.5	1.8	<0.5
Acenaphthylene	208-96-8	0.5	mg/kg	0.5	<0.5	<0.5	4.0	<0.5
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5

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Analytical Results

			Client Sample ID :	MG06/4.7	MG07/1.0	MG07/4.0	TP12/0.25	TP12/0.5
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :	ES0610135-034	ES0610135-035	ES0610135-036	ES0610135-037	ES0610135-038
Analyte	**CAS number**	**LOR**	**Units**					
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Phenanthrene	85-01-8	0.5	mg/kg	1.2	<0.5	<0.5	7.1	1.0
Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	<0.5	3.0	<0.5
Fluoranthene	206-44-0	0.5	mg/kg	0.6	<0.5	<0.5	15.0	2.0
Pyrene	129-00-0	0.5	mg/kg	0.8	<0.5	<0.5	19.2	2.0
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	<0.5	9.3	1.0
Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	<0.5	9.4	1.0
Benzo(b)fluoranthene	205-99-2	0.5	mg/kg	<0.5	<0.5	<0.5	8.2	0.8
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	<0.5	8.5	0.9
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	<0.5	9.6	1.0
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	<0.5	7.4	0.7
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	<0.5	2.8	<0.5
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	<0.5	11.1	1.0
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction		2	mg/kg	6	<2	<2	<2	<2
C10 - C14 Fraction		50	mg/kg	<50	<50	<50	180	<50
C15 - C28 Fraction		100	mg/kg	<100	<100	<100	1420	<100
C29 - C36 Fraction		100	mg/kg	<100	<100	<100	720	<100
EP080: BTEX								
Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	108-88-3	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzene	100-41-4	0.2	mg/kg	0.5	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3 106-42-3	0.2	mg/kg	0.8	<0.2	<0.2	<0.2	<0.2
ortho-Xylene	95-47-6	0.2	mg/kg	0.6	<0.2	<0.2	<0.2	<0.2
EP066S: PCB Surrogate								
Decachlorobiphenyl	2051-24-3	0.1	%	----	----	81.8	----	83.5
EP068S: Organochlorine Pesticide Surrogate								
Dibromo-DDE		0.1	%	----	----	93.2	----	90.8
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.1	%	----	----	83.0	----	91.2
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.1	%	87.4	83.2	83.2	77.1	84.2
2-Chlorophenol-D4	93951-73-6	0.1	%	90.0	85.4	86.0	79.7	87.2
2.4.6-Tribromophenol	118-79-6	0.1	%	82.2	72.3	74.3	88.5	76.4
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.1	%	87.0	80.9	82.2	83.9	83.3
Anthracene-d10	1719-06-8	0.1	%	88.6	81.6	82.9	87.8	87.0

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Analytical Results

			Client Sample ID :	MG06/4.7	MG07/1.0	MG07/4.0	TP12/0.25	TP12/0.5
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :	ES0610135-034	ES0610135-035	ES0610135-036	ES0610135-037	ES0610135-038
Analyte	*CAS number*	*LOR*	*Units*					
EP075(SIM)T: PAH Surrogates								
4-Terphenyl-d14	1718-51-0	0.1	%	85.8	80.8	83.2	81.8	82.1
EP080S: TPH(V)/BTEX Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.1	%	82.3	95.2	101	101	97.8
Toluene-D8	2037-26-5	0.1	%	110	95.2	102	99.1	83.3
4-Bromofluorobenzene	460-00-4	0.1	%	103	91.7	93.3	92.8	117

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Analytical Results

			Client Sample ID :	TP13/0.25	TP13/1.0	TP13/1.5	TP14/0.25	TP14/0.5
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :					
Analyte	CAS number	LOR	Units	ES0610135-039	ES0610135-040	ES0610135-041	ES0610135-042	ES0610135-043
EA055: Moisture Content								
Moisture Content (dried @ 103°C)		1.0	%	13.5	19.3	22.5	11.7	17.2
EG005T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	14	----	----	6	----
Cadmium	7440-43-9	1	mg/kg	1	----	----	<1	----
Chromium	7440-47-3	2	mg/kg	14	----	----	45	----
Copper	7440-50-8	5	mg/kg	172	----	----	94	----
Lead	7439-92-1	5	mg/kg	579	----	----	209	----
Nickel	7440-02-0	2	mg/kg	19	----	----	58	----
Zinc	7440-66-6	5	mg/kg	612	----	----	274	----
EG035T: Total Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	0.3	----	----	0.1	----
EP075(SIM)A: Phenolic Compounds								
Phenol	108-95-2	0.5	mg/kg	1.5	----	----	<0.5	----
2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	----	----	<0.5	----
2-Methylphenol	95-48-7	0.5	mg/kg	1.0	----	----	<0.5	----
3- & 4-Methylphenol	1319-77-3	1.0	mg/kg	2.8	----	----	<1.0	----
2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	----	----	<0.5	----
2.4-Dimethylphenol	105-67-9	0.5	mg/kg	1.4	----	----	<0.5	----
2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	----	----	<0.5	----
2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	----	----	<0.5	----
4-Chloro-3-Methylphenol	59-50-7	0.5	mg/kg	<0.5	----	----	<0.5	----
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	----	----	<0.5	----
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	----	----	<0.5	----
Pentachlorophenol	87-86-5	2.0	mg/kg	<2.0	----	----	<2.0	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	3.2	<0.5	<0.5	1.0	<0.5
Acenaphthylene	208-96-8	0.5	mg/kg	8.6	<0.5	<0.5	2.5	<0.5
Acenaphthene	83-32-9	0.5	mg/kg	1.6	<0.5	<0.5	<0.5	<0.5
Fluorene	86-73-7	0.5	mg/kg	2.2	<0.5	<0.5	0.7	<0.5
Phenanthrene	85-01-8	0.5	mg/kg	32.5	<0.5	<0.5	9.2	<0.5
Anthracene	120-12-7	0.5	mg/kg	14.0	<0.5	<0.5	3.2	<0.5
Fluoranthene	206-44-0	0.5	mg/kg	66.0	<0.5	<0.5	12.5	<0.5
Pyrene	129-00-0	0.5	mg/kg	69.6	<0.5	<0.5	16.5	<0.5
Benz(a)anthracene	56-55-3	0.5	mg/kg	47.2	<0.5	<0.5	8.0	<0.5
Chrysene	218-01-9	0.5	mg/kg	43.5	<0.5	<0.5	7.6	<0.5
Benzo(b)fluoranthene	205-99-2	0.5	mg/kg	38.8	<0.5	<0.5	5.2	<0.5
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	41.1	<0.5	<0.5	6.6	<0.5

ALS Environmental

Analytical Results

			Client Sample ID :	TP13/0.25	TP13/1.0	TP13/1.5	TP14/0.25	TP14/0.5
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :	ES0610135-039	ES0610135-040	ES0610135-041	ES0610135-042	ES0610135-043
Analyte	**CAS number**	**LOR**	**Units**					
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Benzo(a)pyrene	50-32-8	0.5	mg/kg	45.5	<0.5	<0.5	7.4	<0.5
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	36.4	<0.5	<0.5	5.0	<0.5
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	14.4	<0.5	<0.5	2.1	<0.5
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	47.4	<0.5	<0.5	7.2	<0.5
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction		2	mg/kg	<2	<2	<2	<2	<2
C10 - C14 Fraction		50	mg/kg	190	<50	<50	50	<50
C15 - C28 Fraction		100	mg/kg	6010	<100	<100	2770	<100
C29 - C36 Fraction		100	mg/kg	2670	<100	<100	680	<100
EP080: BTEX								
Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	108-88-3	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
meta- & para-Xylene	108-38-3 106-42-3	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.1	%	73.5	85.1	83.1	80.3	82.9
2-Chlorophenol-D4	93951-73-6	0.1	%	75.1	87.6	86.1	82.8	84.4
2.4.6-Tribromophenol	118-79-6	0.1	%	87.4	87.0	80.9	82.3	80.2
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.1	%	82.2	83.8	83.4	81.9	81.7
Anthracene-d10	1719-06-8	0.1	%	87.7	84.4	82.9	87.1	80.7
4-Terphenyl-d14	1718-51-0	0.1	%	80.9	80.3	80.2	80.6	79.3
EP080S: TPH(V)/BTEX Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.1	%	111	101	102	104	98.6
Toluene-D8	2037-26-5	0.1	%	102	97.8	102	104	106
4-Bromofluorobenzene	460-00-4	0.1	%	90.3	91.3	92.1	92.9	90.8

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Analytical Results

			Client Sample ID :	TP14/1.0	TP14/1.5	RP/2.0	RP/PIPE	TS CONTROL
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :					
Analyte	CAS number	LOR	Units	ES0610135-044	ES0610135-045	ES0610135-046	ES0610135-047	ES0610135-049
EA055: Moisture Content								
Moisture Content (dried @ 103°C)		1.0	%	21.6	21.9	17.9	27.6	1.7
EG005T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	8	7	6	7	----
Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	----
Chromium	7440-47-3	2	mg/kg	28	26	20	14	----
Copper	7440-50-8	5	mg/kg	<5	<5	28	86	----
Lead	7439-92-1	5	mg/kg	15	22	93	193	----
Nickel	7440-02-0	2	mg/kg	<2	<2	4	21	----
Zinc	7440-66-6	5	mg/kg	10	20	34	1060	----
EG035T: Total Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.1	2.7	----
EK025G: Free cyanide by Discrete Analyser								
Total Cyanide	57-12-5	1.0	mg/kg	----	<1.0	----	----	----
EP066: Polychlorinated Biphenyls (PCB)								
Total Polychlorinated biphenyls		0.10	mg/kg	----	----	<0.10	<0.50	----
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	----	----	<0.05	<2.50	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	----	----	<0.05	<2.50	----
beta-BHC	319-85-7	0.05	mg/kg	----	----	<0.05	<2.50	----
gamma-BHC	58-89-9	0.05	mg/kg	----	----	<0.05	<2.50	----
delta-BHC	319-86-8	0.05	mg/kg	----	----	<0.05	<2.50	----
Heptachlor	76-44-8	0.05	mg/kg	----	----	<0.05	<2.50	----
Aldrin	309-00-2	0.05	mg/kg	----	----	<0.05	<2.50	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg	----	----	<0.05	<2.50	----
trans-Chlordane	5103-74-2	0.05	mg/kg	----	----	<0.05	<2.50	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	----	----	<0.05	<2.50	----
cis-Chlordane	5103-71-9	0.05	mg/kg	----	----	<0.05	<2.50	----
Dieldrin	60-57-1	0.05	mg/kg	----	----	<0.05	<2.50	----
4.4'-DDE	72-55-9	0.05	mg/kg	----	----	<0.05	<2.50	----
Endrin	72-20-8	0.05	mg/kg	----	----	<0.05	<2.50	----
beta-Endosulfan	33213-65-9	0.05	mg/kg	----	----	<0.05	<2.50	----
4.4'-DDD	72-54-8	0.05	mg/kg	----	----	<0.05	<2.50	----
Endrin aldehyde	7421-93-4	0.05	mg/kg	----	----	<0.05	<2.50	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg	----	----	<0.05	<2.50	----
4.4'-DDT	50-29-3	0.2	mg/kg	----	----	<0.2	<2.5	----
Endrin ketone	53494-70-5	0.05	mg/kg	----	----	<0.05	<2.50	----
Methoxychlor	72-43-5	0.2	mg/kg	----	----	<0.2	<2.5	----

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Analytical Results

			Client Sample ID :	TP14/1.0	TP14/1.5	RP/2.0	RP/PIPE	TS CONTROL
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :	ES0610135-044	ES0610135-045	ES0610135-046	ES0610135-047	ES0610135-049
Analyte	CAS number	LOR	Units					
EP068B: Organophosphorus Pesticides (OP)								
Dichlorvos	62-73-7	0.05	mg/kg	----	----	<0.05	<2.50	----
Demeton-S-methyl	919-86-8	0.05	mg/kg	----	----	<0.05	<2.50	----
Monocrotophos	6923-22-4	0.2	mg/kg	----	----	<0.2	<2.5	----
Dimethoate	60-51-5	0.05	mg/kg	----	----	<0.05	<2.50	----
Diazinon	333-41-5	0.05	mg/kg	----	----	<0.05	<2.50	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	----	----	<0.05	<2.50	----
Parathion-methyl	298-00-0	0.2	mg/kg	----	----	<0.2	<2.5	----
Malathion	121-75-5	0.05	mg/kg	----	----	<0.05	<2.50	----
Fenthion	55-38-9	0.05	mg/kg	----	----	<0.05	<2.50	----
Chlorpyrifos	2921-88-2	0.05	mg/kg	----	----	<0.05	<2.50	----
Parathion	56-38-2	0.2	mg/kg	----	----	<0.2	<2.5	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	----	----	<0.05	<2.50	----
Chlorfenvinphos	470-90-6	0.05	mg/kg	----	----	<0.05	<2.50	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg	----	----	<0.05	<2.50	----
Fenamiphos	22224-92-6	0.05	mg/kg	----	----	<0.05	<2.50	----
Prothiofos	34643-46-4	0.05	mg/kg	----	----	<0.05	<2.50	----
Ethion	563-12-2	0.05	mg/kg	----	----	<0.05	<2.50	----
Carbophenothion	786-19-6	0.05	mg/kg	----	----	<0.05	<2.50	----
Azinphos Methyl	86-50-0	0.05	mg/kg	----	----	<0.05	<2.50	----
EP075(SIM)A: Phenolic Compounds								
Phenol	108-95-2	0.5	mg/kg	<0.5	----	<0.5	7.6	----
2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	----	<0.5	<0.5	----
2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	----	<0.5	<0.5	----
3- & 4-Methylphenol	1319-77-3	1.0	mg/kg	<1.0	----	<1.0	<1.0	----
2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	----	<0.5	<0.5	----
2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	----	<0.5	<0.5	----
2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	----	<0.5	<0.5	----
2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	----	<0.5	<0.5	----
4-Chloro-3-Methylphenol	59-50-7	0.5	mg/kg	<0.5	----	<0.5	<0.5	----
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	----	<0.5	<0.5	----
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	----	<0.5	<0.5	----
Pentachlorophenol	87-86-5	2.0	mg/kg	<2.0	----	<2.0	<2.0	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	3.3	2550	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	7.5	1140	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	<0.5	1020	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	<0.5	2020	----

ALS Environmental

Analytical Results

			Client Sample ID :	TP14/1.0	TP14/1.5	RP/2.0	RP/PIPE	TS CONTROL
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :	ES0610135-044	ES0610135-045	ES0610135-046	ES0610135-047	ES0610135-049
Analyte	*CAS number*	*LOR*	*Units*					
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	5.3	5460	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	3.6	1500	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	10.8	2190	----
Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	17.5	2270	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	10.0	718	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	9.4	563	----
Benzo(b)fluoranthene	205-99-2	0.5	mg/kg	<0.5	<0.5	13.1	453	----
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	5.6	152	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	12.8	491	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	6.5	146	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	2.0	50.8	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	9.8	166	----
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction		2	mg/kg	<2	<2	<2	70	35
C10 - C14 Fraction		50	mg/kg	<50	<50	120	4590	----
C15 - C28 Fraction		100	mg/kg	<100	<100	930	15200	----
C29 - C36 Fraction		100	mg/kg	<100	<100	680	4870	----
EP080: BTEX								
Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	<0.2	2.0	2.6
Toluene	108-88-3	0.2	mg/kg	<0.2	<0.2	<0.2	3.6	11.0
Ethylbenzene	100-41-4	0.2	mg/kg	<0.2	<0.2	<0.2	1.1	2.5
meta- & para-Xylene	108-38-3 106-42-3	0.2	mg/kg	<0.2	<0.2	<0.2	26.0	10.3
ortho-Xylene	95-47-6	0.2	mg/kg	<0.2	<0.2	<0.2	21.4	4.1
EP066S: PCB Surrogate								
Decachlorobiphenyl	2051-24-3	0.1	%	----	----	91.8	101	----
EP068S: Organochlorine Pesticide Surrogate								
Dibromo-DDE		0.1	%	----	----	91.4	Not Determined	----
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.1	%	----	----	90.7	Not Determined	----
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.1	%	75.4	92.9	90.7	97.8	----
2-Chlorophenol-D4	93951-73-6	0.1	%	81.2	91.3	98.7	91.0	----
2.4.6-Tribromophenol	118-79-6	0.1	%	74.7	89.8	84.4	105	----
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.1	%	79.2	90.3	88.9	79.2	----
Anthracene-d10	1719-06-8	0.1	%	78.7	90.6	92.3	92.4	----

ALS Environmental

Analytical Results

			Client Sample ID :	TP14/1.0	TP14/1.5	RP/2.0	RP/PIPE	TS CONTROL
			Sample Matrix Type / Description :	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Date / Time :	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00	17 Aug 2006 15:00
			Laboratory Sample ID :					
Analyte	*CAS number*	*LOR*	*Units*	ES0610135-044	ES0610135-045	ES0610135-046	ES0610135-047	ES0610135-049
EP075(SIM)T: PAH Surrogates								
4-Terphenyl-d14	1718-51-0	0.1	%	76.4	89.4	85.2	79.7	----
EP080S: TPH(V)/BTEX Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.1	%	94.3	106	102	98.8	99.6
Toluene-D8	2037-26-5	0.1	%	91.4	103	95.3	85.3	97.7
4-Bromofluorobenzene	460-00-4	0.1	%	86.6	92.2	91.1	82.3	97.5

ALS Environmental

Analytical Results

			Client Sample ID :	W04				
			Sample Matrix Type / Description :	WATER				
			Sample Date / Time :	17 Aug 2006 15:00				
			Laboratory Sample ID :	ES0610135-048				
Analyte	**CAS number**	**LOR**	**Units**					
EG020T: Total Metals by ICP-MS								
Arsenic	7440-38-2	0.001	mg/L	0.008				
Cadmium	7440-43-9	0.0001	mg/L	0.0007				
Chromium	7440-47-3	0.001	mg/L	0.007				
Copper	7440-50-8	0.001	mg/L	0.043				
Lead	7439-92-1	0.001	mg/L	0.087				
Nickel	7440-02-0	0.001	mg/L	0.016				
Zinc	7440-66-6	0.005	mg/L	0.302				
EG035T: Total Mercury by FIMS								
Mercury	7439-97-6	0.0001	mg/L	<0.0001				
EP066: Polychlorinated Biphenyls (PCB)								
Total Polychlorinated biphenyls		1	µg/L	<1				
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.5	µg/L	<0.5				
Hexachlorobenzene (HCB)	118-74-1	0.5	µg/L	<0.5				
beta-BHC	319-85-7	0.5	µg/L	<0.5				
gamma-BHC	58-89-9	0.5	µg/L	<0.5				
delta-BHC	319-86-8	0.5	µg/L	<0.5				
Heptachlor	76-44-8	0.5	µg/L	<0.5				
Aldrin	309-00-2	0.5	µg/L	<0.5				
Heptachlor epoxide	1024-57-3	0.5	µg/L	<0.5				
trans-Chlordane	5103-74-2	0.5	µg/L	<0.5				
alpha-Endosulfan	959-98-8	0.5	µg/L	<0.5				
cis-Chlordane	5103-71-9	0.5	µg/L	<0.5				
Dieldrin	60-57-1	0.5	µg/L	<0.5				
4.4'-DDE	72-55-9	0.5	µg/L	<0.5				
Endrin	72-20-8	0.5	µg/L	<0.5				
beta-Endosulfan	33213-65-9	0.5	µg/L	<0.5				
4.4'-DDD	72-54-8	0.5	µg/L	<0.5				
Endrin aldehyde	7421-93-4	0.5	µg/L	<0.5				
Endosulfan sulfate	1031-07-8	0.5	µg/L	<0.5				
4.4'-DDT	50-29-3	2	µg/L	<2				
Endrin ketone	53494-70-5	0.5	µg/L	<0.5				
Methoxychlor	72-43-5	2	µg/L	<2				
EP068B: Organophosphorus Pesticides (OP)								
Dichlorvos	62-73-7	0.5	µg/L	<0.5				
Demeton-S-methyl	919-86-8	0.5	µg/L	<0.5				
Monocrotophos	6923-22-4	2	µg/L	<2				

ALS Environmental

Analytical Results

			Client Sample ID :	W04				
			Sample Matrix Type / Description :	WATER				
			Sample Date / Time :	17 Aug 2006 15:00				
			Laboratory Sample ID :	ES0610135-048				
Analyte	**CAS number**	**LOR**	**Units**					
EP068B: Organophosphorus Pesticides (OP)								
Dimethoate	60-51-5	0.5	µg/L	<0.5				
Diazinon	333-41-5	0.5	µg/L	<0.5				
Chlorpyrifos-methyl	5598-13-0	0.5	µg/L	<0.5				
Parathion-methyl	298-00-0	2	µg/L	<2				
Malathion	121-75-5	0.5	µg/L	<0.5				
Fenthion	55-38-9	0.5	µg/L	<0.5				
Chlorpyrifos	2921-88-2	0.5	µg/L	<0.5				
Parathion	56-38-2	2	µg/L	<2				
Pirimphos-ethyl	23505-41-1	0.5	µg/L	<0.5				
Chlorfenvinphos	470-90-6	0.5	µg/L	<0.5				
Bromophos-ethyl	4824-78-6	0.5	µg/L	<0.5				
Fenamiphos	22224-92-6	0.5	µg/L	<0.5				
Prothiofos	34643-46-4	0.5	µg/L	<0.5				
Ethion	563-12-2	0.5	µg/L	<0.5				
Carbophenothion	786-19-6	0.5	µg/L	<0.5				
Azinphos Methyl	86-50-0	0.5	µg/L	<0.5				
EP075(SIM)A: Phenolic Compounds								
Phenol	108-95-2	1.0	µg/L	<1.0				
2-Chlorophenol	95-57-8	1.0	µg/L	<1.0				
2-Methylphenol	95-48-7	1.0	µg/L	<1.0				
3- & 4-Methylphenol	1319-77-3	2.0	µg/L	<2.0				
2-Nitrophenol	88-75-5	1.0	µg/L	<1.0				
2.4-Dimethylphenol	105-67-9	1.0	µg/L	3.8				
2.4-Dichlorophenol	120-83-2	1.0	µg/L	<1.0				
2.6-Dichlorophenol	87-65-0	1.0	µg/L	<1.0				
4-Chloro-3-Methylphenol	59-50-7	1.0	µg/L	<1.0				
2.4.6-Trichlorophenol	88-06-2	1.0	µg/L	<1.0				
2.4.5-Trichlorophenol	95-95-4	1.0	µg/L	<1.0				
Pentachlorophenol	87-86-5	2.0	µg/L	<2.0				
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	1.0	µg/L	<1.0				
Acenaphthylene	208-96-8	1.0	µg/L	2.7				
Acenaphthene	83-32-9	1.0	µg/L	<1.0				
Fluorene	86-73-7	1.0	µg/L	<1.0				
Phenanthrene	85-01-8	1.0	µg/L	1.5				
Anthracene	120-12-7	1.0	µg/L	1.4				
Fluoranthene	206-44-0	1.0	µg/L	16.1				

ALS Environmental

Analytical Results

			Client Sample ID :	W04				
			Sample Matrix Type / Description :	WATER				
			Sample Date / Time :	17 Aug 2006 15:00				
			Laboratory Sample ID :	ES0610135-048				
Analyte	**CAS number**	**LOR**	**Units**					
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Pyrene	129-00-0	1.0	µg/L	23.6				
Benz(a)anthracene	56-55-3	1.0	µg/L	8.4				
Chrysene	218-01-9	1.0	µg/L	7.1				
Benzo(b)fluoranthene	205-99-2	1.0	µg/L	11.6				
Benzo(k)fluoranthene	207-08-9	1.0	µg/L	3.3				
Benzo(a)pyrene	50-32-8	0.5	µg/L	9.9				
Indeno(1.2.3.cd)pyrene	193-39-5	1.0	µg/L	5.6				
Dibenz(a.h)anthracene	53-70-3	1.0	µg/L	2.0				
Benzo(g.h.i)perylene	191-24-2	1.0	µg/L	8.0				
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction		20	µg/L	<20				
C10 - C14 Fraction		50	µg/L	200				
C15 - C28 Fraction		100	µg/L	900				
C29 - C36 Fraction		50	µg/L	460				
EP080: BTEX								
Benzene	71-43-2	1	µg/L	<1				
Toluene	108-88-3	2	µg/L	<2				
Ethylbenzene	100-41-4	2	µg/L	<2				
meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2				
ortho-Xylene	95-47-6	2	µg/L	<2				
EP066S: PCB Surrogate								
Decachlorobiphenyl	2051-24-3	0.1	%	106				
EP068S: Organochlorine Pesticide Surrogate								
Dibromo-DDE		0.1	%	103				
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.1	%	110				
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.1	%	41.8				
2-Chlorophenol-D4	93951-73-6	0.1	%	111				
2.4.6-Tribromophenol	118-79-6	0.1	%	120				
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.1	%	115				
Anthracene-d10	1719-06-8	0.1	%	132				
4-Terphenyl-d14	1718-51-0	0.1	%	115				
EP080S: TPH(V)/BTEX Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.1	%	81.3				

ALS Environmental

Analytical Results

			Client Sample ID :	W04				
			Sample Matrix Type / Description :	WATER				
			Sample Date / Time :	17 Aug 2006 15:00				
			Laboratory Sample ID :	ES0610135-048				
Analyte	**CAS number**	**LOR**	**Units**					
EP080S: TPH(V)/BTEX Surrogates								
Toluene-D8	2037-26-5	0.1	%	92.6				
4-Bromofluorobenzene	460-00-4	0.1	%	91.1				

ALS Environmental

Surrogate Control Limits

Matrix Type: WATER - Surrogate Control Limits — ***Surrogate Control Limits***

Method name	Analyte name	Lower Limit	Upper Limit
EP066: Polychlorinated Biphenyls (PCB)			
EP066S: PCB Surrogate	Decachlorobiphenyl	10	164
EP068: Pesticides			
EP068S: Organochlorine Pesticide Surrogate	Dibromo-DDE	10	136
EP068T: Organophosphorus Pesticide Surrogate	DEF	10	136
EP075(SIM): PAH/Phenols (GC/MS - SIM)			
EP075(SIM)S: Phenolic Compound Surrogates	Phenol-d6	10	94
	2-Chlorophenol-D4	23	134
	2,4,6-Tribromophenol	10	123
EP075(SIM)T: PAH Surrogates	2-Fluorobiphenyl	43	116
	Anthracene-d10	27	133
	4-Terphenyl-d14	33	141
EP080: TPH Volatiles/BTEX			
EP080S: TPH(V)/BTEX Surrogates	1,2-Dichloroethane-D4	80	120
	Toluene-D8	88	110
	4-Bromofluorobenzene	86	115

Matrix Type: SOIL - Surrogate Control Limits — ***Surrogate Control Limits***

Method name	Analyte name	Lower Limit	Upper Limit
EP066: Polychlorinated Biphenyls (PCB)			
EP066S: PCB Surrogate	Decachlorobiphenyl	10	164
EP068: Pesticides by GCMS			
EP068S: Organochlorine Pesticide Surrogate	Dibromo-DDE	10	136
EP068T: Organophosphorus Pesticide Surrogate	DEF	10	136
EP075(SIM): PAH/Phenols (SIM)			
EP075(SIM)S: Phenolic Compound Surrogates	Phenol-d6	24	113
	2-Chlorophenol-D4	23	134
	2,4,6-Tribromophenol	19	122
EP075(SIM)T: PAH Surrogates	2-Fluorobiphenyl	30	115
	Anthracene-d10	27	133
	4-Terphenyl-d14	18	137
EP080: TPH Volatiles/BTEX			
EP080S: TPH(V)/BTEX Surrogates	1,2-Dichloroethane-D4	80	120
	Toluene-D8	81	117
	4-Bromofluorobenzene	74	121

Laboratory Quotation #

1/5

CH2MHILL ACN 050 070 892

CHAIN OF CUSTODY RECORD

Level 7, 9 Help Street, Chatswood, NSW 2067 Australia Tel (61 2) 9950 0200 Fax (61 2) 9950 0600

COC # [redacted]

Project # 347496	~~Purchase Order #~~ SY/148/06
Project Name: Macdonaldtown Gasworks	
Company Name: ALS	
Project Manager or Contact & Phone #: Adam Sullivan 0400 500 264	Report Copy to: →
Requested Completion Date: standard TAT	Site ID: Macdonaldtown
Sample Disposal: Dispose ☑ Return ☐	

Sampling Date	Sampling Time	Type	Matrix: SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	LAB QC	TOTAL # OF CONTAINERS	S-2	S-4	S-7	S-12	S-14A	S-19	EK 026	ASBESTOS	HOLD!
17/8/6			/	MG08/0.3	1		X		X						
			/	MG08/1.0	2				X						
			/	MG08/1.5	3							X			
			/	MG08/2.1	4				X						
			/	MG08/3.1	50										X
			/	MG08/4.0	5				X						
			/	MG09B/0.3	6		X	X							
			/	MG09B/0.6	7							X			
			/	MG09B/2.5	8				X						
			/	MG09B/PIPE	9							X			
			/	MG09C/0.3	10		X		X				X		
			/	MG09C/1.5	11							X			

Requested Analytical Method #

Preservative

QA REQUIREMENTS

Matrix Spike	☐ Yes	☐ No
Matrix Duplicate	☐ Yes	☐ No
Laboratory Duplicate	☐ Yes	☐ No
Lab Blank	☐ Yes	☐ No
Surrogate Spike	☐ Yes	☐ No
RPDs	☐ Yes	☐ No
Spike Recovery Data	☐ Yes	☐ No

LAB USE ONLY

Custody Seals	☐ Yes	☐ No
ICE	☐ Yes	☐ No

ALS Environmental
Sydney
Work Order
ES0610135

Report Version: WOLabel 1.01

Telephone : 61-2-87848555

CONTRACT WORK

WO: .....

LAB: ASET Asbestos

DATE: 18-8-06 Soil 7 bag

SPLIT: .....

Sampled By and Title: Adam Sullivan	(Please sign and print name)	Date/Time 17/8/6	Relinquished By: Adam Sullivan (Please sign and print name) Date/Time 17/8/6
Received by: IKS	(Please sign and print name)	Date/Time	Relinquished By (Please sign and print name) Date/Time
Received by: Sooz Klepp	(Please sign and print name)	Date/Time 4.35pm 17/8/6	Shipped Via / Shipping #

Special Instructions:

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - CH2MHILL

Laboratory Quotation #

2/5

CH2MHILL ACN 050 070 892

CHAIN OF CUSTODY RECORD

Level 7, 9 Help Street, Chatswood, NSW 2067 Australia Tel (61 2) 9950 0200 Fax (61 2) 9950 0600

COC # [redacted]

Project # 347496	~~Purchase Order #~~ SY/148/06
Project Name: Macdonaldtown Gasworks	
Company Name: ALS	
Project Manager or Contact & Phone #: Adam Sullivan 0400 500 264	Report Copy to: →
Requested Completion Date: standard TAT	Site ID: Macdonaldtown
Sample Disposal: Dispose ☑ Return ☐	

Sampling Date	Sampling Time	Type	Matrix: SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	LAB QC	TOTAL # OF CONTAINERS	S-2	S-4	S-7	S-12	S-14A	S-19	EK 026	ASBESTOS	HOLD
17/8/6			/	MG09C/1.9	12		X		X				X		
			/	MG09C/3.8	13		X		X						
			/	TP15/0.3	14				X				X		
			/	TP15/1.0	5										
			/	TP15/2.8	15		X		X	X			X		
			/	TP15/4.1	16		X		X	X					
			/	QC03	17		X		X						
			/	QC04	18		X		X	X			X		
			/	MG10/0.2	19							X	X	X	
			/	MG10/0.6	5										
			/	MG10A/0.7	20		X	X		X	X		X	X	
			/	MG10A/2.8	21							X			

QA REQUIREMENTS

Matrix Spike	☐ Yes	☐ No
Matrix Duplicate	☐ Yes	☐ No
Laboratory Duplicate	☐ Yes	☐ No
Lab Blank	☐ Yes	☐ No
Surrogate Spike	☐ Yes	☐ No
RPDs	☐ Yes	☐ No
Spike Recovery Data	☐ Yes	☐ No

LAB USE ONLY

Custody Seals	☐ Yes	☐ No
ICE	☐ Yes	☐ No

Comments	Lab ID

Sampled By and Title: Adam Sullivan	(Please sign and print name)	Date/Time 17/8/6	Relinquished By: Adam Sullivan (Please sign and print name)	Date/Time 17/8/6
Received by: ALS	(Please sign and print name)	Date/Time	Relinquished By	(Please sign and print name)	Date/Time
Received by: Sony	(Please sign and print name) ALS - L-SAT	Date/Time 17/8/6	Shipped Via	Shipping #

Special Instructions:

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - CH2MHILL

Laboratory Quotation #

3/5

CH2MHILL ACN 050 070 892

CHAIN OF CUSTODY RECORD

Level 7, 9 Help Street, Chatswood, NSW 2067 Australia Tel (61 2) 9950 0200 Fax (61 2) 9950 0600

COC # [redacted]

Project #	347496
~~Purchase Order #~~	SY/148/06
Project Name	Macdonaldtown Gasworks
Company Name	ALS
Project Manager or Contact & Phone #	Adam Sullivan 0400 500 264
Report Copy to:	→
Requested Completion Date:	standard TAT
Site ID	Macdonaldtown
Sample Disposal:	Dispose ☑ Return ☐

Sampling Date	Sampling Time	Type	Matrix (SOIL)	CLIENT SAMPLE ID (9 CHARACTERS)	LAB QC	TOTAL # OF CONTAINERS	S-2	S-4	S-7	S-12	S-14A	S-19	EK026	ASBESTOS	HOLD!
17/8/6			/	MG10A/4.0	22		X	X			X				
				MG04/0.5	23		X		X					X	
				MG04/1.5	24							X		X	
				Trip Blank (3)	25			X							
				Trip Spike (3)	26			X							
				MG05/0.5	27		X	X							
				MG05/1.2	28				X						
				MG05/1.8	29							X			
				MG05/3.4	30			X			X				
				MG05/5.0	31				X						
				MG06/1.0	32		X		X				X		
				MG06/2.0	33							X			

Requested Analytical Method #

Preservative

QA REQUIREMENTS

Matrix Spike	☐ Yes	☐ No
Matrix Duplicate	☐ Yes	☐ No
Laboratory Duplicate	☐ Yes	☐ No
Lab Blank	☐ Yes	☐ No
Surrogate Spike	☐ Yes	☐ No
RPDs	☐ Yes	☐ No
Spike Recovery Data	☐ Yes	☐ No

LAB USE ONLY

Custody Seals	☐ Yes	☐ No
ICE	☐ Yes	☐ No

Comments	Lab ID

Sampled By and Title: Adam Sullivan	(Please sign and print name)	Date/Time 17/8/6	Relinquished By: Adam Sullivan (Please sign and print name) Date/Time 17/8/6
Received by: ALS	(Please sign and print name)	Date/Time	Relinquished By (Please sign and print name) Date/Time
Received by: Sophie Ayres ALS	(Please sign and print name)	Date/Time 4:30pm 17/8/6	Shipped Via / Shipping #

Special Instructions:

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - CH2MHILL

Laboratory Quotation #

4/5

CH2MHILL ACN 050 070 892

CHAIN OF CUSTODY RECORD

Level 7, 9 Help Street, Chatswood, NSW 2067 Australia Tel (61 2) 9950 0200 Fax (61 2) 9950 0600

COC # [redacted]

Project # 347496	~~Purchase Order #~~ SY/148/06
Project Name: Macdonaldtown Gasworks	
Company Name: ALS	
Project Manager or Contact & Phone #: Adam Sullivan 0400 500 264	Report Copy to: →
Requested Completion Date: standard TAT	Site ID: Macdonaldtown
Sample Disposal: Dispose ☑ Return ☐	

Sampling Date	Sampling Time	Type	Matrix	CLIENT SAMPLE ID (9 CHARACTERS)	LAB QC	TOTAL # OF CONTAINERS	S-2	S-4	S-7	S-12	S-14A	S-19	EK026	Asbestos	HOLD
				MG06/3.5	33										X
				MG06/4.7	34		X		X				X		
				MG07/1.0	35		X	X			X				
				MG07/4.0	36							X			
				TP12/0.25	37		X	X			X			X	
				TP12/0.5	38							X			
				TP13/0.25	39		X	X			X			X	
				TP13/0.5	54										X
				TP13/1.0	40				X						
				TP13/1.5	41				X						
				TP14/0.25	42		X	X			X			X	
				TP14/0.5	43				X						

Requested Analytical Method #

Preservative

QA REQUIREMENTS

Matrix Spike	☐ Yes	☐ No
Matrix Duplicate	☐ Yes	☐ No
Laboratory Duplicate	☐ Yes	☐ No
Lab Blank	☐ Yes	☐ No
Surrogate Spike	☐ Yes	☐ No
RPDs	☐ Yes	☐ No
Spike Recovery Data	☐ Yes	☐ No

LAB USE ONLY

Custody Seals	☐ Yes	☐ No
ICE	☐ Yes	☐ No

Comments	Lab ID

Sampled By and Title: A. Sullivan	(Please sign and print name)	Date/Time	Relinquished By: A. Sullivan (Please sign and print name)	Date/Time
Received by: ALS	(Please sign and print name)	Date/Time	Relinquished By (Please sign and print name)	Date/Time
Received by: [illegible] ALS	(Please sign and print name)	Date/Time: 4:35pm 7/8/06	Shipped Via	Shipping #

Special Instructions:

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - CH2MHILL

Laboratory Quotation #

3/5

CH2MHILL ACN 050 070 892

CHAIN OF CUSTODY RECORD

Level 7, 9 Help Street, Chatswood, NSW 2067 Australia Tel (61 2) 9950 0200 Fax (61 2) 9950 0600

COC # [redacted]

Project #	347496
~~Purchase Order #~~	SY/148/06
Project Name	Macdonaldtown Gasworks
Company Name	ALS
Project Manager or Contact & Phone #	Adam Sullivan 0400 500 264
Report Copy to:	→
Requested Completion Date:	standard TAT
Site ID	Macdonaldtown
Sample Disposal: Dispose ☑ Return ☐	

Sampling Date	Sampling Time	Type	Matrix	CLIENT SAMPLE ID (9 CHARACTERS)	LAB QC	TOTAL # OF CONTAINERS	S-2	S-4	S-7	S-12	S-14A	S-19	E1&026	Asbestos	HOLD	Comments	Lab ID
				TP14/1.0	44		X	X			X						
				TP14/1.5	45		X		X				X				
				RP/2.0	46							X					
				RP/Pipe	47							X					
				DUP06					X							(*) Please send to Labmark for analysis	
acknowledge say				DUP07			X	X			X					(*)	
				QC02			X	X								(*)	
				W04	48							X					
				TSCONTROL	49			X									
Extra sample				TP12	55												

QA REQUIREMENTS		
Matrix Spike	☐ Yes	☐ No
Matrix Duplicate	☐ Yes	☐ No
Laboratory Duplicate	☐ Yes	☐ No
Lab Blank	☐ Yes	☐ No
Surrogate Spike	☐ Yes	☐ No
RPDs	☐ Yes	☐ No
Spike Recovery Data	☐ Yes	☐ No

LAB USE ONLY		
Custody Seals	☐ Yes	☐ No
ICE	☐ Yes	☐ No

	(Please sign and print name)	Date/Time		(Please sign and print name)	Date/Time
Sampled By and Title: A. Sullivan			Relinquished By: A. Sullivan		
Received by: ALS			Relinquished By		
Received by: Soy Hyun	(Please sign and print name) MLS. 4:35pm	Date/Time 17/8/06	Shipped Via	Shipping #	

Special Instructions:

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - CH2MHILL

ALS Environmental

QUALITY CONTROL REPORT

Client	:	**CH2M HILL PTY LTD**	**Laboratory**	:	ALS Environmental Sydney	**Page**	:	**1 of 49**
Contact	:	MR ADAM SULLIVAN	**Contact**	:	Greg Vogel			
Address	:	PO BOX 5392 CHATSWOOD NSW AUSTRALIA 1515	**Address**	:	277-289 Woodpark Road Smithfield NSW Australia 2164	**Work order**	:	**ES0610135**
						Amendment No.	:	
Project	:	347496 MACDONALDTOWN GASWORKS	**Quote number**	:	----	**Date received**	:	17 Aug 2006
Order number	:	- Not provided -				**Date issued**	:	30 Aug 2006
C-O-C number	:	- Not provided -						
Site	:	MACDONALD						
E-mail	:	adam.sullivan@ch2m.com.au	**E-mail**	:	Greg.Vogel@alsenviro.com	**No. of samples**		
Telephone	:	02 9950 0200	**Telephone**	:	+61 (02) 8784 8555	**Received**	:	55
Facsimile	:	02 9950 0600	**Facsimile**	:	+61 (02) 8784 8500	**Analysed**	:	46

This final report for the ALSE work order reference ES0610135 supersedes any previous reports with this reference.

Results apply to the samples as submitted. All pages of this report have been checked and approved for release.

This report contains the following information:

- Laboratory Duplicates (DUP); Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Samples (LCS); Recovery and Acceptance Limits
- Matrix Spikes (MS); Recovery and Acceptance Limits

Work order specific comments

EP080 : Surrogates could not be determined for sample MG09B/PIPE due to sample matrix interferences.
Sample TRIP SPIKE contains volatile compounds spiked into the sample containers prior to dispatch from the laboratory. BTEX compounds spiked at 20 ug/L.
EP080: The trip spike and its control have been analysed for volatile TPH and BTEX only. The trip spike and control were prepared in the lab using reagent grade sand spiked with petrol. The spike was dispatched from the lab and the control retained.
EPO68: Poor matrix spike recovery due to sample matrix interferences. Confirmed by re-extraction and re-analysis.
EPO66 & EPO68 : Particular samples required dilution due to the presence of high level contaminants. LOR values have been adjusted accordingly. Surrogates were diluted outside of the analytical range and were therefore not determined.
Poor duplicate precision for Pb and Zn due to sample heterogeneity.

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This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatory	Department
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Quality Control Report - Laboratory Duplicates (DUP)

The quality control term **Laboratory Duplicate** refers to an intralaboratory split sample randomly selected from the sample batch. Laboratory duplicates provide information on method precision and sample heterogeneity.
- Anonymous - Client Sample IDs refer to samples which are not specifically part of this work order but formed part of the QC process lot. *Abbreviations:* ***LOR*** = *Limit of Reporting,* ***RPD*** = *Relative Percent Difference.*
* Indicates failed QC. The permitted ranges for the RPD of Laboratory Duplicates (relative percent deviation) are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting:- Result < 10 times LOR, no limit - Result between 10 and 20 times LOR, 0% - 50% - Result > 20 times LOR, 0% - 20%

Matrix Type: SOIL ***Laboratory Duplicates (DUP) Report***

Laboratory Sample ID	*Client Sample ID*	*Analyte name*	*LOR*	*Original Result*	*Duplicate Result*	*RPD*
EA055: Moisture Content						
EA055: Moisture Content - (QC Lot: 261331)				**%**	**%**	**%**
ES0610121-001	Anonymous	Moisture Content (dried @ 103°C)	1.0 %	25.2	25.4	0.8
ES0610121-010	Anonymous	Moisture Content (dried @ 103°C)	1.0 %	59.0	59.4	0.6
EA055: Moisture Content - (QC Lot: 261332)				**%**	**%**	**%**
ES0610135-004	MG08/2.1	Moisture Content (dried @ 103°C)	1.0 %	25.1	25.4	1.3
ES0610135-014	TP15/0.3	Moisture Content (dried @ 103°C)	1.0 %	16.6	15.2	9.3
EA055: Moisture Content - (QC Lot: 261333)				**%**	**%**	**%**
ES0610135-025	TRIP BLANK 3	Moisture Content (dried @ 103°C)	1.0 %	19.2	19.4	0.8
ES0610135-035	MG07/1.0	Moisture Content (dried @ 103°C)	1.0 %	18.2	18.8	3.1
EA055: Moisture Content - (QC Lot: 261334)				**%**	**%**	**%**
ES0610135-047	RP/PIPE	Moisture Content (dried @ 103°C)	1.0 %	27.6	26.8	2.9
EA055: Moisture Content - (QC Lot: 264284)				**%**	**%**	**%**
ES0610135-044	TP14/1.0	Moisture Content (dried @ 103°C)	1.0 %	21.6	21.4	0.9
ES0610400-024	Anonymous	Moisture Content (dried @ 103°C)	1.0 %	16.1	16.0	0.6
EG005T: Total Metals by ICP-AES						
EG005T: Total Metals by ICP-AES - (QC Lot: 260716)				**mg/kg**	**mg/kg**	**%**
ES0610134-001	Anonymous	Arsenic	5 mg/kg	<5	<5	0.0
		Cadmium	1 mg/kg	<1	<1	0.0
		Chromium	2 mg/kg	5	6	0.0
		Copper	5 mg/kg	<5	<5	0.0
		Lead	5 mg/kg	<5	<5	0.0
		Nickel	2 mg/kg	2	3	0.0
		Zinc	5 mg/kg	23	23	0.0
ES0610135-012	MG09C/1.9	Arsenic	5 mg/kg	<5	<5	0.0
		Cadmium	1 mg/kg	<1	<1	0.0
		Chromium	2 mg/kg	14	12	14.5

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EG005T: Total Metals by ICP-AES - continued						
EG005T: Total Metals by ICP-AES - (QC Lot: 260716) - continued				mg/kg	mg/kg	%
ES0610135-012	MG09C/1.9	Copper	5 mg/kg	<5	6	21.7
		Lead	5 mg/kg	18	23	24.4
		Nickel	2 mg/kg	3	4	0.0
		Zinc	5 mg/kg	<5	6	24.3
EG005T: Total Metals by ICP-AES - (QC Lot: 260718)				mg/kg	mg/kg	%
ES0610135-023	MG04/0.5	Arsenic	5 mg/kg	13	14	0.0
		Cadmium	1 mg/kg	<1	<1	0.0
		Chromium	2 mg/kg	11	15	29.0
		Copper	5 mg/kg	195	195	0.0
		Lead	5 mg/kg	2140	2010	6.4
		Nickel	2 mg/kg	17	21	18.1
		Zinc	5 mg/kg	342	364	6.2
ES0610135-038	TP12/0.5	Arsenic	5 mg/kg	71	61	14.4
		Cadmium	1 mg/kg	1	1	0.0
		Chromium	2 mg/kg	18	22	20.7
		Copper	5 mg/kg	334	302	9.9
		Lead	5 mg/kg	219	244	10.7
		Nickel	2 mg/kg	11	16	38.9
		Zinc	5 mg/kg	362	260	32.8
EG005T: Total Metals by ICP-AES - (QC Lot: 260843)				mg/kg	mg/kg	%
ES0610135-042	TP14/0.25	Arsenic	5 mg/kg	6	6	0.0
		Cadmium	1 mg/kg	<1	<1	0.0
		Chromium	2 mg/kg	45	48	5.5
		Copper	5 mg/kg	94	95	1.6
		Lead	5 mg/kg	209	257	20.8
		Nickel	2 mg/kg	58	60	4.3
		Zinc	5 mg/kg	274	280	2.3
ES0610305-004	Anonymous	Arsenic	5 mg/kg	7	<5	27.9
		Cadmium	1 mg/kg	<1	<1	0.0

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EG005T: Total Metals by ICP-AES - continued						
EG005T: Total Metals by ICP-AES - (QC Lot: 260843) - continued				mg/kg	mg/kg	%
ES0610305-004	Anonymous	Chromium	2 mg/kg	17	14	20.6
		Copper	5 mg/kg	30	27	11.5
		Lead	5 mg/kg	57	36	44.5
		Nickel	2 mg/kg	12	9	26.5
		Zinc	5 mg/kg	94	74	23.8
EG005T: Total Metals by ICP-AES - (QC Lot: 264930)				mg/kg	mg/kg	%
ES0610135-044	TP14/1.0	Arsenic	5 mg/kg	8	8	0.0
		Cadmium	1 mg/kg	<1	<1	0.0
		Chromium	2 mg/kg	28	29	0.0
		Copper	5 mg/kg	<5	<5	0.0
		Lead	5 mg/kg	15	17	13.4
		Nickel	2 mg/kg	<2	<2	0.0
		Zinc	5 mg/kg	10	10	0.0
ES0610400-019	Anonymous	Arsenic	5 mg/kg	<5	<5	0.0
		Cadmium	1 mg/kg	<1	<1	0.0
		Chromium	2 mg/kg	22	19	12.7
		Copper	5 mg/kg	113	99	13.4
		Lead	5 mg/kg	15	13	12.4
		Nickel	2 mg/kg	3	4	0.0
		Zinc	5 mg/kg	221	208	6.3
EG035T: Total Mercury by FIMS						
EG035T: Total Mercury by FIMS - (QC Lot: 260717)				mg/kg	mg/kg	%
ES0610134-001	Anonymous	Mercury	0.1 mg/kg	<0.1	<0.1	0.0
ES0610135-012	MG09C/1.9	Mercury	0.1 mg/kg	<0.1	<0.1	0.0
EG035T: Total Mercury by FIMS - (QC Lot: 260719)				mg/kg	mg/kg	%
ES0610135-023	MG04/0.5	Mercury	0.1 mg/kg	0.3	0.5	37.0
ES0610135-038	TP12/0.5	Mercury	0.1 mg/kg	0.2	0.2	0.0
EG035T: Total Mercury by FIMS - (QC Lot: 260842)				mg/kg	mg/kg	%
ES0610135-042	TP14/0.25	Mercury	0.1 mg/kg	0.1	0.1	0.0

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EG035T: Total Mercury by FIMS - continued						
EG035T: Total Mercury by FIMS - (QC Lot: 260842) - continued				mg/kg	mg/kg	%
ES0610305-004	Anonymous	Mercury	0.1 mg/kg	0.1	0.1	0.0
EG035T: Total Mercury by FIMS - (QC Lot: 264931)				mg/kg	mg/kg	%
ES0610135-044	TP14/1.0	Mercury	0.1 mg/kg	<0.1	<0.1	0.0
ES0610400-019	Anonymous	Mercury	0.1 mg/kg	0.2	0.2	0.0
EK025G: Free cyanide by Discrete Analyser						
EK025G: Free cyanide by Discrete Analyser - (QC Lot: 260684)				mg/kg	mg/kg	%
ES0610135-010	MG09C/0.3	Total Cyanide	1.0 mg/kg	<1.0	<1.0	0.0
ES0610135-045	TP14/1.5	Total Cyanide	1.0 mg/kg	<1.0	1.3	24.6
EP066: Polychlorinated Biphenyls (PCB)						
EP066: Polychlorinated Biphenyls (PCB) - (QC Lot: 260398)				mg/kg	mg/kg	%
ES0610135-019	MG10/0.2	Total Polychlorinated biphenyls	0.10 mg/kg	<0.10	<0.10	0.0
ES0610135-038	TP12/0.5	Total Polychlorinated biphenyls	0.10 mg/kg	<0.10	<0.10	0.0
EP068A: Organochlorine Pesticides (OC)						
EP068A: Organochlorine Pesticides (OC) - (QC Lot: 260399)				mg/kg	mg/kg	%
ES0610135-019	MG10/0.2	alpha-BHC	0.05 mg/kg	<0.05	<0.05	0.0
		Hexachlorobenzene (HCB)	0.05 mg/kg	<0.05	<0.05	0.0
		beta-BHC	0.05 mg/kg	<0.05	<0.05	0.0
		gamma-BHC	0.05 mg/kg	<0.05	<0.05	0.0
		delta-BHC	0.05 mg/kg	<0.05	<0.05	0.0
		Heptachlor	0.05 mg/kg	<0.05	<0.05	0.0
		Aldrin	0.05 mg/kg	<0.05	<0.05	0.0
		Heptachlor epoxide	0.05 mg/kg	<0.05	<0.05	0.0
		trans-Chlordane	0.05 mg/kg	<0.05	<0.05	0.0
		alpha-Endosulfan	0.05 mg/kg	<0.05	<0.05	0.0
		cis-Chlordane	0.05 mg/kg	<0.05	<0.05	0.0
		Dieldrin	0.05 mg/kg	<0.05	<0.05	0.0
		4,4'-DDE	0.05 mg/kg	<0.05	<0.05	0.0
		Endrin	0.05 mg/kg	<0.05	<0.05	0.0
		beta-Endosulfan	0.05 mg/kg	<0.05	<0.05	0.0

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EP068A: Organochlorine Pesticides (OC) - continued						
EP068A: Organochlorine Pesticides (OC) - (QC Lot: 260399) - continued				mg/kg	mg/kg	%
ES0610135-019	MG10/0.2	4,4'-DDD	0.05 mg/kg	<0.05	<0.05	0.0
		Endrin aldehyde	0.05 mg/kg	<0.05	<0.05	0.0
		Endosulfan sulfate	0.05 mg/kg	<0.05	<0.05	0.0
		4,4'-DDT	0.2 mg/kg	<0.2	<0.2	0.0
		Endrin ketone	0.05 mg/kg	<0.05	<0.05	0.0
		Methoxychlor	0.2 mg/kg	<0.2	<0.2	0.0
ES0610135-038	TP12/0.5	alpha-BHC	0.05 mg/kg	<0.05	<0.05	0.0
		Hexachlorobenzene (HCB)	0.05 mg/kg	<0.05	<0.05	0.0
		beta-BHC	0.05 mg/kg	<0.05	<0.05	0.0
		gamma-BHC	0.05 mg/kg	<0.05	<0.05	0.0
		delta-BHC	0.05 mg/kg	<0.05	<0.05	0.0
		Heptachlor	0.05 mg/kg	<0.05	<0.05	0.0
		Aldrin	0.05 mg/kg	<0.05	<0.05	0.0
		Heptachlor epoxide	0.05 mg/kg	<0.05	<0.05	0.0
		trans-Chlordane	0.05 mg/kg	<0.05	<0.05	0.0
		alpha-Endosulfan	0.05 mg/kg	<0.05	<0.05	0.0
		cis-Chlordane	0.05 mg/kg	<0.05	<0.05	0.0
		Dieldrin	0.05 mg/kg	<0.05	<0.05	0.0
		4,4'-DDE	0.05 mg/kg	<0.05	<0.05	0.0
		Endrin	0.05 mg/kg	<0.05	<0.05	0.0
		beta-Endosulfan	0.05 mg/kg	<0.05	<0.05	0.0
		4,4'-DDD	0.05 mg/kg	<0.05	<0.05	0.0
		Endrin aldehyde	0.05 mg/kg	<0.05	<0.05	0.0
		Endosulfan sulfate	0.05 mg/kg	<0.05	<0.05	0.0
		4,4'-DDT	0.2 mg/kg	<0.2	<0.2	0.0
		Endrin ketone	0.05 mg/kg	<0.05	<0.05	0.0
		Methoxychlor	0.2 mg/kg	<0.2	<0.2	0.0
EP068B: Organophosphorus Pesticides (OP)						
EP068B: Organophosphorus Pesticides (OP) - (QC Lot: 260399)				mg/kg	mg/kg	%

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EP068B: Organophosphorus Pesticides (OP) - continued						
EP068B: Organophosphorus Pesticides (OP) - (QC Lot: 260399) - continued				mg/kg	mg/kg	%
ES0610135-019	MG10/0.2	Dichlorvos	0.05 mg/kg	<0.05	<0.05	0.0
		Demeton-S-methyl	0.05 mg/kg	<0.05	<0.05	0.0
		Monocrotophos	0.2 mg/kg	<0.2	<0.2	0.0
		Dimethoate	0.05 mg/kg	<0.05	<0.05	0.0
		Diazinon	0.05 mg/kg	<0.05	<0.05	0.0
		Chlorpyrifos-methyl	0.05 mg/kg	<0.05	<0.05	0.0
		Parathion-methyl	0.2 mg/kg	<0.2	<0.2	0.0
		Malathion	0.05 mg/kg	<0.05	<0.05	0.0
		Fenthion	0.05 mg/kg	<0.05	<0.05	0.0
		Chlorpyrifos	0.05 mg/kg	<0.05	<0.05	0.0
		Parathion	0.2 mg/kg	<0.2	<0.2	0.0
		Pirimphos-ethyl	0.05 mg/kg	<0.05	<0.05	0.0
		Chlorfenvinphos	0.05 mg/kg	<0.05	<0.05	0.0
		Bromophos-ethyl	0.05 mg/kg	<0.05	<0.05	0.0
		Fenamiphos	0.05 mg/kg	<0.05	<0.05	0.0
		Prothiofos	0.05 mg/kg	<0.05	<0.05	0.0
		Ethion	0.05 mg/kg	<0.05	<0.05	0.0
		Carbophenothion	0.05 mg/kg	<0.05	<0.05	0.0
		Methyl Azinphos	0.05 mg/kg	<0.05	<0.05	0.0
ES0610135-038	TP12/0.5	Dichlorvos	0.05 mg/kg	<0.05	<0.05	0.0
		Demeton-S-methyl	0.05 mg/kg	<0.05	<0.05	0.0
		Monocrotophos	0.2 mg/kg	<0.2	<0.2	0.0
		Dimethoate	0.05 mg/kg	<0.05	<0.05	0.0
		Diazinon	0.05 mg/kg	<0.05	<0.05	0.0
		Chlorpyrifos-methyl	0.05 mg/kg	<0.05	<0.05	0.0
		Parathion-methyl	0.2 mg/kg	<0.2	<0.2	0.0
		Malathion	0.05 mg/kg	<0.05	<0.05	0.0
		Fenthion	0.05 mg/kg	<0.05	<0.05	0.0
		Chlorpyrifos	0.05 mg/kg	<0.05	<0.05	0.0

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EP068B: Organophosphorus Pesticides (OP) - continued						
EP068B: Organophosphorus Pesticides (OP) - (QC Lot: 260399) - continued				mg/kg	mg/kg	%
ES0610135-038	TP12/0.5	Parathion	0.2 mg/kg	<0.2	<0.2	0.0
		Pirimphos-ethyl	0.05 mg/kg	<0.05	<0.05	0.0
		Chlorfenvinphos	0.05 mg/kg	<0.05	<0.05	0.0
		Bromophos-ethyl	0.05 mg/kg	<0.05	<0.05	0.0
		Fenamiphos	0.05 mg/kg	<0.05	<0.05	0.0
		Prothiofos	0.05 mg/kg	<0.05	<0.05	0.0
		Ethion	0.05 mg/kg	<0.05	<0.05	0.0
		Carbophenothion	0.05 mg/kg	<0.05	<0.05	0.0
		Methyl Azinphos	0.05 mg/kg	<0.05	<0.05	0.0
EP075(SIM)A: Phenolic Compounds						
EP075(SIM)A: Phenolic Compounds - (QC Lot: 260407)				mg/kg	mg/kg	%
ES0610135-013	MG09C/3.8	Phenol	0.5 mg/kg	<0.5	<0.5	0.0
		2-Chlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2-Methylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		3- & 4-Methylphenol	1.0 mg/kg	<1.0	<1.0	0.0
		2-Nitrophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4-Dimethylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4-Dichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,6-Dichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		4-Chloro-3-Methylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4,6-Trichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4,5-Trichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		Pentachlorophenol	2.0 mg/kg	<2.0	<2.0	0.0
ES0610135-017	QC03	Phenol	0.5 mg/kg	<0.5	<0.5	0.0
		2-Chlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2-Methylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		3- & 4-Methylphenol	1.0 mg/kg	<1.0	<1.0	0.0
		2-Nitrophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4-Dimethylphenol	0.5 mg/kg	<0.5	<0.5	0.0

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EP075(SIM)A: Phenolic Compounds - continued						
EP075(SIM)A: Phenolic Compounds - (QC Lot: 260407) - continued				mg/kg	mg/kg	%
ES0610135-017	QC03	2,4-Dichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,6-Dichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		4-Chloro-3-Methylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4,6-Trichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4,5-Trichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		Pentachlorophenol	2.0 mg/kg	<2.0	<2.0	0.0
EP075(SIM)A: Phenolic Compounds - (QC Lot: 261190)				mg/kg	mg/kg	%
ES0610135-036	MG07/4.0	Phenol	0.5 mg/kg	<0.5	<0.5	0.0
		2-Chlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2-Methylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		3- & 4-Methylphenol	1.0 mg/kg	<1.0	<1.0	0.0
		2-Nitrophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4-Dimethylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4-Dichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,6-Dichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		4-Chloro-3-Methylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4,6-Trichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4,5-Trichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		Pentachlorophenol	2.0 mg/kg	<2.0	<2.0	0.0
ES0610135-043	TP14/0.5	Phenol	0.5 mg/kg	<0.5	<0.5	0.0
		2-Chlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2-Methylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		3- & 4-Methylphenol	1.0 mg/kg	<1.0	<1.0	0.0
		2-Nitrophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4-Dimethylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4-Dichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,6-Dichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		4-Chloro-3-Methylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4,6-Trichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EP075(SIM)A: Phenolic Compounds - continued						
EP075(SIM)A: Phenolic Compounds - (QC Lot: 261190) - continued				mg/kg	mg/kg	%
ES0610135-043	TP14/0.5	2,4,5-Trichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		Pentachlorophenol	2.0 mg/kg	<2.0	<2.0	0.0
EP075(SIM)A: Phenolic Compounds - (QC Lot: 261195)				mg/kg	mg/kg	%
ES0610135-045	TP14/1.5	Phenol	0.5 mg/kg	<0.5	<0.5	0.0
		2-Chlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2-Methylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		3- & 4-Methylphenol	1.0 mg/kg	<1.0	<1.0	0.0
		2-Nitrophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4-Dimethylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4-Dichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,6-Dichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		4-Chloro-3-Methylphenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4,6-Trichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		2,4,5-Trichlorophenol	0.5 mg/kg	<0.5	<0.5	0.0
		Pentachlorophenol	2.0 mg/kg	<2.0	<2.0	0.0
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons						
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - (QC Lot: 260407)				mg/kg	mg/kg	%
ES0610135-013	MG09C/3.8	Naphthalene	0.5 mg/kg	<0.5	<0.5	0.0
		Acenaphthylene	0.5 mg/kg	<0.5	<0.5	0.0
		Acenaphthene	0.5 mg/kg	<0.5	<0.5	0.0
		Fluorene	0.5 mg/kg	<0.5	<0.5	0.0
		Phenanthrene	0.5 mg/kg	<0.5	<0.5	0.0
		Anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Benz(a)anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Chrysene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(b)fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(k)fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - continued						
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - (QC Lot: 260407) - continued				mg/kg	mg/kg	%
ES0610135-013	MG09C/3.8	Benzo(a)pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Indeno(1,2,3,cd)pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Dibenz(a,h)anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(g,h,i)perylene	0.5 mg/kg	<0.5	<0.5	0.0
ES0610135-017	QC03	Naphthalene	0.5 mg/kg	<0.5	<0.5	0.0
		Acenaphthylene	0.5 mg/kg	<0.5	<0.5	0.0
		Acenaphthene	0.5 mg/kg	<0.5	<0.5	0.0
		Fluorene	0.5 mg/kg	<0.5	<0.5	0.0
		Phenanthrene	0.5 mg/kg	<0.5	<0.5	0.0
		Anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Benz(a)anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Chrysene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(b)fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(k)fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(a)pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Indeno(1,2,3,cd)pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Dibenz(a,h)anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(g,h,i)perylene	0.5 mg/kg	<0.5	<0.5	0.0
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - (QC Lot: 261190)				mg/kg	mg/kg	%
ES0610135-036	MG07/4.0	Naphthalene	0.5 mg/kg	<0.5	<0.5	0.0
		Acenaphthylene	0.5 mg/kg	<0.5	<0.5	0.0
		Acenaphthene	0.5 mg/kg	<0.5	<0.5	0.0
		Fluorene	0.5 mg/kg	<0.5	<0.5	0.0
		Phenanthrene	0.5 mg/kg	<0.5	<0.5	0.0
		Anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Pyrene	0.5 mg/kg	<0.5	<0.5	0.0

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - continued						
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - (QC Lot: 261190) - continued				mg/kg	mg/kg	%
ES0610135-036	MG07/4.0	Benz(a)anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Chrysene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(b)fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(k)fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(a)pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Indeno(1,2,3,cd)pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Dibenz(a,h)anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(g,h,i)perylene	0.5 mg/kg	<0.5	<0.5	0.0
ES0610135-043	TP14/0.5	Naphthalene	0.5 mg/kg	<0.5	<0.5	0.0
		Acenaphthylene	0.5 mg/kg	<0.5	<0.5	0.0
		Acenaphthene	0.5 mg/kg	<0.5	<0.5	0.0
		Fluorene	0.5 mg/kg	<0.5	<0.5	0.0
		Phenanthrene	0.5 mg/kg	<0.5	<0.5	0.0
		Anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Benz(a)anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Chrysene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(b)fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(k)fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(a)pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Indeno(1,2,3,cd)pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Dibenz(a,h)anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(g,h,i)perylene	0.5 mg/kg	<0.5	<0.5	0.0
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - (QC Lot: 261195)				mg/kg	mg/kg	%
ES0610135-045	TP14/1.5	Naphthalene	0.5 mg/kg	<0.5	<0.5	0.0
		Acenaphthylene	0.5 mg/kg	<0.5	<0.5	0.0
		Acenaphthene	0.5 mg/kg	<0.5	<0.5	0.0
		Fluorene	0.5 mg/kg	<0.5	<0.5	0.0

Matrix Type: SOIL

Laboratory Duplicates (DUP) Report

Laboratory Sample ID	Client Sample ID	Analyte name	LOR	Original Result	Duplicate Result	RPD
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - continued						
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - (QC Lot: 261195) - continued				mg/kg	mg/kg	%
ES0610135-045	TP14/1.5	Phenanthrene	0.5 mg/kg	<0.5	<0.5	0.0
		Anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Benz(a)anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Chrysene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(b)fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(k)fluoranthene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(a)pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Indeno(1,2,3,cd)pyrene	0.5 mg/kg	<0.5	<0.5	0.0
		Dibenz(a,h)anthracene	0.5 mg/kg	<0.5	<0.5	0.0
		Benzo(g,h,i)perylene	0.5 mg/kg	<0.5	<0.5	0.0
EP080/071: Total Petroleum Hydrocarbons						
EP080/071: Total Petroleum Hydrocarbons - (QC Lot: 259275)				mg/kg	mg/kg	%
ES0610063-007	Anonymous	C6 - C9 Fraction	2 mg/kg	<2	<2	0.0
ES0610063-015	Anonymous	C6 - C9 Fraction	2 mg/kg	<2	<2	0.0
EP080/071: Total Petroleum Hydrocarbons - (QC Lot: 259316)				mg/kg	mg/kg	%
ES0610064-001	Anonymous	C6 - C9 Fraction	2 mg/kg	<2	<2	0.0
ES0610064-011	Anonymous	C6 - C9 Fraction	2 mg/kg	<2	<2	0.0
EP080/071: Total Petroleum Hydrocarbons - (QC Lot: 260101)				mg/kg	mg/kg	%
ES0610135-013	MG09C/3.8	C6 - C9 Fraction	2 mg/kg	<2	<2	0.0
ES0610135-023	MG04/0.5	C6 - C9 Fraction	2 mg/kg	<2	<2	0.0
EP080/071: Total Petroleum Hydrocarbons - (QC Lot: 260299)				mg/kg	mg/kg	%
ES0610135-036	MG07/4.0	C6 - C9 Fraction	2 mg/kg	<2	<2	0.0
ES0610135-037	TP12/0.25	C6 - C9 Fraction	2 mg/kg	<2	<2	0.0
EP080/071: Total Petroleum Hydrocarbons - (QC Lot: 260406)				mg/kg	mg/kg	%
ES0610135-013	MG09C/3.8	C10 - C14 Fraction	50 mg/kg	<50	<50	0.0
		C15 - C28 Fraction	100 mg/kg	<100	<100	0.0
		C29 - C36 Fraction	100 mg/kg	<100	<100	0.0