PAHs in Soil Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ---------- ----------	42976-8 JBS TP4 1.0 2/07/2010 Soil	42976-9 JBS TP4 1.6-1.7 2/07/2010 Soil	42976-14 JBS TP5 0.5 2/07/2010 Soil	42976-16 JBS TP5 1.5 2/07/2010 Soil	42976-17 JBS TP5 2.0 2/07/2010 Soil
Date extracted	-	06/07/2010	06/07/2010	06/07/2010	06/07/2010	06/07/2010
Date analysed	-	07/07/2010	07/07/2010	07/07/2010	07/07/2010	07/07/2010
Naphthalene	mg/kg	<0.1	<0.1	6.3	250	9.2
Acenaphthylene	mg/kg	<0.1	<0.1	9.7	22	0.9
Acenaphthene	mg/kg	<0.1	<0.1	2.0	6.4	0.3
Fluorene	mg/kg	<0.1	<0.1	10	31	0.6
Phenanthrene	mg/kg	<0.1	<0.1	39	94	1.7
Anthracene	mg/kg	<0.1	<0.1	11	29	0.5
Fluoranthene	mg/kg	<0.1	<0.1	54	64	1.9
Pyrene	mg/kg	<0.1	<0.1	65	73	2.8
Benzo(a)anthracene	mg/kg	<0.1	<0.1	36	37	1.4
Chrysene	mg/kg	<0.1	<0.1	30	32	1.3
Benzo(b+k)fluoranthene	mg/kg	<0.2	<0.2	36	35	1.8
Benzo(a)pyrene	mg/kg	<0.05	<0.05	30	30	1.5
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	<0.1	9.4	9.4	0.5
Dibenzo(a,h)anthracene	mg/kg	<0.1	<0.1	3.0	2.9	0.2
Benzo(g,h,i)perylene	mg/kg	<0.1	<0.1	8.4	8.6	0.5
Surrogate p-Terphenyl-d_{14}	%	93	92	103	91	94

PAHs in Soil			
Our Reference:	UNITS	42976-19	42976-21
Your Reference	----------	QA2	JBS TP3
Depth	----------	-	4.0-4.2
Date Sampled		2/07/2010	2/07/2010
Type of sample		Soil	Soil
Date extracted	-	06/07/2010	06/07/2010
Date analysed	-	07/07/2010	07/07/2010
Naphthalene	mg/kg	2.8	4.5
Acenaphthylene	mg/kg	1.7	0.6
Acenaphthene	mg/kg	0.2	0.4
Fluorene	mg/kg	0.7	0.8
Phenanthrene	mg/kg	7.9	4.1
Anthracene	mg/kg	2.1	1.0
Fluoranthene	mg/kg	15	4.4
Pyrene	mg/kg	20	5.1
Benzo(a)anthracene	mg/kg	10	2.2
Chrysene	mg/kg	9.1	2.1
Benzo(b+k)fluoranthene	mg/kg	14	2.3
Benzo(a)pyrene	mg/kg	11	1.7
Indeno(1,2,3-c,d)pyrene	mg/kg	4.6	0.6
Dibenzo(a,h)anthracene	mg/kg	1.2	0.2
Benzo(g,h,i)perylene	mg/kg	4.4	0.6
Surrogate p-Terphenyl-d_{14}	%	95	98

Speciated Phenols in Soil						
Our Reference:	UNITS	42976-1	42976-2	42976-5	42976-6	42976-7
Your Reference	----------	JBS TP1	JBS TP2	JBS TP2	JBS TP3	JBS TP4
Depth	----------	0.3-0.4	0.4-0.5	1.4-1.5	1.7	0.5
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	06/07/2010	06/07/2010	06/07/2010	06/07/2010	06/07/2010
Date analysed	-	08/07/2010	08/07/2010	08/07/2010	08/07/2010	08/07/2010
Phenol	mg/kg	<1.0	<10	<1.0	<1.0	<1.0
2-Chlorophenol	mg/kg	<1.0	<10	<1.0	<1.0	<1.0
2-Methylphenol	mg/kg	<1.0	<10	<1.0	<1.0	<1.0
3/4-Methylphenol	mg/kg	<2.0	<20	<2.0	<2.0	<2.0
2-Nitrophenol	mg/kg	<1.0	<10	<1.0	<1.0	<1.0
2,4-Dimethylphenol	mg/kg	<1.0	<10	<1.0	<1.0	<1.0
2,4-Dichlorophenol	mg/kg	<1.0	<10	<1.0	<1.0	<1.0
2,6-dichlorophenol	mg/kg	<1.0	<10	<1.0	<1.0	<1.0
2,4,5-trichlorophenol	mg/kg	<1.0	<10	<1.0	<1.0	<1.0
2,4,6-trichlorophenol	mg/kg	<1.0	<10	<1.0	<1.0	<1.0
2,4-dinitrophenol	mg/kg	<10	<100	<10	<10	<10
4-nitrophenol	mg/kg	<10	<100	<10	<10	<10
2,3,4,6-tetrachlorophenol	mg/kg	<1.0	<10	<1.0	<1.0	<1.0
2-methyl-4,6-dinitrophenol	mg/kg	<10	<100	<10	<10	<10
pentachlorophenol	mg/kg	<10	<100	<10	<10	<10
Surrogate 2-fluorophenol	%	59	68	57	69	81
Surrogate Phenol-d_6	%	65	55	57	89	79
Surrogate 2,4,6-Tribromophenol	%	52	85	107	74	66
Surrogate p-Terphenyl-d_{14}	%	103	119	99	103	103

Speciated Phenols in Soil						
Our Reference:	UNITS	42976-8	42976-9	42976-14	42976-16	42976-17
Your Reference	----------	JBS TP4	JBS TP4	JBS TP5	JBS TP5	JBS TP5
Depth	----------	1.0	1.6-1.7	0.5	1.5	2.0
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	06/07/2010	06/07/2010	06/07/2010	06/07/2010	06/07/2010
Date analysed	-	08/07/2010	08/07/2010	08/07/2010	08/07/2010	08/07/2010
Phenol	mg/kg	<1.0	<1.0	<10	<10	<1.0
2-Chlorophenol	mg/kg	<1.0	<1.0	<10	<10	<1.0
2-Methylphenol	mg/kg	<1.0	<1.0	<10	<10	<1.0
3/4-Methylphenol	mg/kg	<2.0	<2.0	<20	<20	<2.0
2-Nitrophenol	mg/kg	<1.0	<1.0	<10	<10	<1.0
2,4-Dimethylphenol	mg/kg	<1.0	<1.0	<10	<10	<1.0
2,4-Dichlorophenol	mg/kg	<1.0	<1.0	<10	<10	<1.0
2,6-dichlorophenol	mg/kg	<1.0	<1.0	<10	<10	<1.0
2,4,5-trichlorophenol	mg/kg	<1.0	<1.0	<10	<10	<1.0
2,4,6-trichlorophenol	mg/kg	<1.0	<1.0	<10	<10	<1.0
2,4-dinitrophenol	mg/kg	<10	<10	<100	<100	<10
4-nitrophenol	mg/kg	<10	<10	<100	<100	<10
2,3,4,6-tetrachlorophenol	mg/kg	<1.0	<1.0	<10	<10	<1.0
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10	<100	<100	<10
pentachlorophenol	mg/kg	<10	<10	<100	<100	<10
Surrogate 2-fluorophenol	%	88	79	78	76	61
Surrogate Phenol-d_6	%	77	84	80	88	77
Surrogate 2,4,6-Tribromophenol	%	55	39	103	99	60
Surrogate p-Terphenyl-d_{14}	%	98	101	108	111	101

Speciated Phenols in Soil			
Our Reference:	UNITS	42976-19	42976-21
Your Reference	----------	QA2	JBS TP3
Depth	----------	-	4.0-4.2
Date Sampled		2/07/2010	2/07/2010
Type of sample		Soil	Soil
Date extracted	-	06/07/2010	06/07/2010
Date analysed	-	08/07/2010	08/07/2010
Phenol	mg/kg	<1.0	<1.0
2-Chlorophenol	mg/kg	<1.0	<1.0
2-Methylphenol	mg/kg	<1.0	<1.0
3/4-Methylphenol	mg/kg	<2.0	<2.0
2-Nitrophenol	mg/kg	<1.0	<1.0
2,4-Dimethylphenol	mg/kg	<1.0	<1.0
2,4-Dichlorophenol	mg/kg	<1.0	<1.0
2,6-dichlorophenol	mg/kg	<1.0	<1.0
2,4,5-trichlorophenol	mg/kg	<1.0	<1.0
2,4,6-trichlorophenol	mg/kg	<1.0	<1.0
2,4-dinitrophenol	mg/kg	<10	<10
4-nitrophenol	mg/kg	<10	<10
2,3,4,6-tetrachlorophenol	mg/kg	<1.0	<1.0
2-methyl-4,6-dinitrophenol	mg/kg	<10	<10
pentachlorophenol	mg/kg	<10	<10
Surrogate 2-fluorophenol	%	76	74
Surrogate Phenol-d_6	%	87	73
Surrogate 2,4,6-Tribromophenol	%	68	69
Surrogate p-Terphenyl-d_{14}	%	103	106

Acid Extractable metals in soil						
Our Reference:	UNITS	42976-1	42976-2	42976-5	42976-6	42976-7
Your Reference	----------	JBS TP1	JBS TP2	JBS TP2	JBS TP3	JBS TP4
Depth	----------	0.3-0.4	0.4-0.5	1.4-1.5	1.7	0.5
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	07/07/2010	07/07/2010	07/07/2010	07/07/2010	07/07/2010
Date analysed	-	07/07/2010	07/07/2010	07/07/2010	07/07/2010	07/07/2010
Arsenic	mg/kg	30	13	<4	<4	8
Cadmium	mg/kg	1.1	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	26	19	14	12	22
Copper	mg/kg	230	80	4	1	46
Lead	mg/kg	220	220	58	14	260
Mercury	mg/kg	0.3	0.4	0.1	<0.1	0.2
Nickel	mg/kg	20	26	5	2	10
Zinc	mg/kg	260	220	200	3	24

Acid Extractable metals in soil						
Our Reference:	UNITS	42976-8	42976-9	42976-14	42976-16	42976-17
Your Reference	----------	JBS TP4	JBS TP4	JBS TP5	JBS TP5	JBS TP5
Depth	----------	1.0	1.6-1.7	0.5	1.5	2.0
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date digested	-	07/07/2010	07/07/2010	07/07/2010	07/07/2010	07/07/2010
Date analysed	-	07/07/2010	07/07/2010	07/07/2010	07/07/2010	07/07/2010
Arsenic	mg/kg	9	6	6	5	6
Cadmium	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	mg/kg	35	7	18	23	25
Copper	mg/kg	51	65	18	16	9
Lead	mg/kg	61	100	58	50	36
Mercury	mg/kg	<0.1	<0.1	0.1	0.3	<0.1
Nickel	mg/kg	3	4	5	13	7
Zinc	mg/kg	14	47	35	93	27

Acid Extractable metals in soil			
Our Reference:	UNITS	42976-19	42976-21
Your Reference	----------	QA2	JBS TP3
Depth	----------	-	4.0-4.2
Date Sampled		2/07/2010	2/07/2010
Type of sample		Soil	Soil
Date digested	-	07/07/2010	07/07/2010
Date analysed	-	07/07/2010	07/07/2010
Arsenic	mg/kg	30	5
Cadmium	mg/kg	1.1	<0.5
Chromium	mg/kg	21	22
Copper	mg/kg	260	6
Lead	mg/kg	280	24
Mercury	mg/kg	0.4	<0.1
Nickel	mg/kg	24	3
Zinc	mg/kg	330	9

Moisture						
Our Reference:	UNITS	42976-1	42976-2	42976-5	42976-6	42976-7
Your Reference	----------	JBS TP1	JBS TP2	JBS TP2	JBS TP3	JBS TP4
Depth	----------	0.3-0.4	0.4-0.5	1.4-1.5	1.7	0.5
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010
Date analysed	-	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010
Moisture	%	13	10	25	23	16

Moisture						
Our Reference:	UNITS	42976-8	42976-9	42976-14	42976-16	42976-17
Your Reference	----------	JBS TP4	JBS TP4	JBS TP5	JBS TP5	JBS TP5
Depth	----------	1.0	1.6-1.7	0.5	1.5	2.0
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date prepared	-	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010
Date analysed	-	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010
Moisture	%	23	17	19	23	27

Moisture			
Our Reference:	UNITS	42976-19	42976-21
Your Reference	----------	QA2	JBS TP3
Depth	----------	-	4.0-4.2
Date Sampled		2/07/2010	2/07/2010
Type of sample		Soil	Soil
Date prepared	-	6/7/2010	6/7/2010
Date analysed	-	6/7/2010	6/7/2010
Moisture	%	17	25

Asbestos ID - soils						
Our Reference:	UNITS	42976-1	42976-2	42976-5	42976-6	42976-7
Your Reference	----------	JBS TP1	JBS TP2	JBS TP2	JBS TP3	JBS TP4
Depth	----------	0.3-0.4	0.4-0.5	1.4-1.5	1.7	0.5
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date analysed	-	9/7/2010	9/7/2010	9/7/2010	9/7/2010	9/7/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

Asbestos ID - soils						
Our Reference:	UNITS	42976-8	42976-9	42976-16	42976-17	42976-21
Your Reference	----------	JBS TP4	JBS TP4	JBS TP5	JBS TP5	JBS TP3
Depth	----------	1.0	1.6-1.7	1.5	2.0	4.0-4.2
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date analysed	-	9/7/2010	9/7/2010	9/7/2010	9/7/2010	9/7/2010
Sample Description	-	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil	Approx 40g Soil
Asbestos ID in soil	-	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg	No asbestos found at reporting limit of 0.1g/kg
Trace Analysis	-	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected	Respirable fibres not detected

VOCs in Zero Headspace Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ---------- ----------	42976-1 JBS TP1 0.3-0.4 2/07/2010 Soil	42976-2 JBS TP2 0.4-0.5 2/07/2010 Soil	42976-5 JBS TP2 1.4-1.5 2/07/2010 Soil	42976-6 JBS TP3 1.7 2/07/2010 Soil	42976-7 JBS TP4 0.5 2/07/2010 Soil
Date extracted	-	8/7/2010	8/7/2010	8/7/2010	8/7/2010	8/7/2010
Date analysed	-	8/7/2010	8/7/2010	8/7/2010	8/7/2010	8/7/2010
Dichlorodifluoromethane	µg/L	<10	<10	<100	<100	<10
Chloromethane	µg/L	<10	<10	<100	<100	<10
Vinyl Chloride	µg/L	<10	<10	<100	<100	<10
Bromomethane	µg/L	<10	<10	<100	<100	<10
Chloroethane	µg/L	<10	<10	<100	<100	<10
Trichlorofluoromethane	µg/L	<10	<10	<100	<100	<10
1,1-Dichloroethene	µg/L	<1.0	<1.0	<100	<100	<1.0
Trans-1,2-dichloroethene	µg/L	<1.0	<1.0	<100	<100	<1.0
1,1-dichloroethane	µg/L	<1.0	<1.0	<10	<10	<1.0
Cis-1,2-dichloroethene	µg/L	<1.0	<1.0	<10	<10	<1.0
Bromochloromethane	µg/L	<1.0	<1.0	<10	<10	<1.0
Chloroform	µg/L	<1.0	<1.0	<10	<10	<1.0
2,2-dichloropropane	µg/L	<1.0	<1.0	<10	<10	<1.0
1,2-dichloroethane	µg/L	<1.0	<1.0	<10	<10	<1.0
1,1,1-trichloroethane	µg/L	<1.0	<1.0	<10	<10	<1.0
1,1-dichloropropene	µg/L	<1.0	<1.0	<10	<10	<1.0
Carbon tetrachloride	µg/L	<1.0	<1.0	<10	<10	<1.0
Benzene	µg/L	<1.0	<1.0	72	32	<1.0
Dibromomethane	µg/L	<1.0	<1.0	<10	<10	<1.0
1,2-dichloropropane	µg/L	<1.0	<1.0	<10	<10	<1.0
Trichloroethene	µg/L	<1.0	<1.0	<10	<10	<1.0
Bromodichloromethane	µg/L	<1.0	<1.0	<10	<10	<1.0
trans-1,3-dichloropropene	µg/L	<1.0	<1.0	<10	<10	<1.0
cis-1,3-dichloropropene	µg/L	<1.0	<1.0	<10	<10	<1.0
1,1,2-trichloroethane	µg/L	<1.0	<1.0	<10	<10	<1.0
Toluene	µg/L	<1.0	1.7	110	20	<1.0
1,3-dichloropropane	µg/L	<1.0	<1.0	<10	<10	<1.0
Dibromochloromethane	µg/L	<1.0	<1.0	<10	<10	<1.0
1,2-dibromoethane	µg/L	<1.0	<1.0	<10	<10	<1.0
Tetrachloroethene	µg/L	<1.0	<1.0	<10	<10	<1.0
1,1,1,2-tetrachloroethane	µg/L	<1.0	<1.0	<10	<10	<1.0
Chlorobenzene	µg/L	<1.0	<1.0	<10	<10	<1.0
Ethylbenzene	µg/L	<1.0	2.3	630	490	<1.0
Bromoform	µg/L	<1.0	<1.0	<10	<10	<1.0
m+p-xylene	µg/L	<2.0	5.2	980	300	<2.0
Styrene	µg/L	<1.0	<1.0	<10	<10	<1.0
1,1,2,2-tetrachloroethane	µg/L	<1.0	<1.0	<10	<10	<1.0
o-xylene	µg/L	<1.0	2.1	510	430	<1.0

VOCs in Zero Headspace Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ---------- ----------	42976-1 JBS TP1 0.3-0.4 2/07/2010 Soil	42976-2 JBS TP2 0.4-0.5 2/07/2010 Soil	42976-5 JBS TP2 1.4-1.5 2/07/2010 Soil	42976-6 JBS TP3 1.7 2/07/2010 Soil	42976-7 JBS TP4 0.5 2/07/2010 Soil
1,2,3-trichloropropane	µg/L	<1.0	<1.0	<10	<10	<1.0
Isopropylbenzene	µg/L	<1.0	<1.0	72	58	<1.0
Bromobenzene	µg/L	<1.0	<1.0	<10	<10	<1.0
n-propyl benzene	µg/L	<1.0	<1.0	73	51	<1.0
2-chlorotoluene	µg/L	<1.0	<1.0	<10	<10	<1.0
4-chlorotoluene	µg/L	<1.0	<1.0	<10	<10	<1.0
1,3,5-trimethyl benzene	µg/L	<1.0	1.5	340	260	<1.0
Tert-butyl benzene	µg/L	<1.0	<1.0	<10	<10	<1.0
1,2,4-trimethyl benzene	µg/L	<1.0	2.7	820	640	<1.0
1,3-dichlorobenzene	µg/L	<1.0	<1.0	<10	<10	<1.0
Sec-butyl benzene	µg/L	<1.0	<1.0	<10	<10	<1.0
1,4-dichlorobenzene	µg/L	<1.0	<1.0	<10	<10	<1.0
4-isopropyl toluene	µg/L	<1.0	<1.0	21	28	1.7
1,2-dichlorobenzene	µg/L	<1.0	<1.0	<10	<10	<1.0
n-butyl benzene	µg/L	<1.0	<1.0	14	16	<1.0
1,2-dibromo-3-chloropropane	µg/L	<1.0	<1.0	<10	<10	<1.0
1,2,4-trichlorobenzene	µg/L	<1.0	<1.0	<10	<10	<1.0
Hexachlorobutadiene	µg/L	<1.0	<1.0	<10	<10	<1.0
1,2,3-trichlorobenzene	µg/L	<1.0	<1.0	<10	<10	<1.0
Surrogate Dibromofluoromethane	%	115	#	117	118	#
Surrogate toluene-d8	%	86	125	93	88	137
Surrogate 4-BFB	%	104	106	105	104	115

VOCs in Zero Headspace Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ---------- ----------	42976-8 JBS TP4 1.0 2/07/2010 Soil	42976-9 JBS TP4 1.6-1.7 2/07/2010 Soil	42976-14 JBS TP5 0.5 2/07/2010 Soil	42976-16 JBS TP5 1.5 2/07/2010 Soil	42976-17 JBS TP5 2.0 2/07/2010 Soil
Date extracted	-	8/7/2010	8/7/2010	8/7/2010	8/7/2010	8/7/2010
Date analysed	-	8/7/2010	8/7/2010	8/7/2010	8/7/2010	8/7/2010
Dichlorodifluoromethane	µg/L	<10	<10	<10	<10	<10
Chloromethane	µg/L	<10	<10	<10	<10	<10
Vinyl Chloride	µg/L	<10	<10	<10	<10	<10
Bromomethane	µg/L	<10	<10	<10	<10	<10
Chloroethane	µg/L	<10	<10	<10	<10	<10
Trichlorofluoromethane	µg/L	<10	<10	<10	<10	<10
1,1-Dichloroethene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Trans-1,2-dichloroethene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-dichloroethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Cis-1,2-dichloroethene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-dichloropropane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-dichloroethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-trichloroethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-dichloropropene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Benzene	µg/L	<1.0	<1.0	<1.0	<1.0	3.7
Dibromomethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-dichloropropane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-dichloropropene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-dichloropropene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-trichloroethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	µg/L	<1.0	<1.0	<1.0	35	4.8
1,3-dichloropropane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-dibromoethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-tetrachloroethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	µg/L	<1.0	1.2	2.0	17	12
Bromoform	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
m+p-xylene	µg/L	<2.0	2.1	<2.0	350	21
Styrene	µg/L	<1.0	<1.0	<1.0	2.0	<1.0
1,1,2,2-tetrachloroethane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
o-xylene	µg/L	<1.0	<1.0	1.6	220	19

VOCs in Zero Headspace Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ---------- ----------	42976-8 JBS TP4 1.0 2/07/2010 Soil	42976-9 JBS TP4 1.6-1.7 2/07/2010 Soil	42976-14 JBS TP5 0.5 2/07/2010 Soil	42976-16 JBS TP5 1.5 2/07/2010 Soil	42976-17 JBS TP5 2.0 2/07/2010 Soil
1,2,3-trichloropropane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	µg/L	<1.0	<1.0	<1.0	<1.0	1.1
Bromobenzene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
n-propyl benzene	µg/L	<1.0	<1.0	<1.0	1.2	1.5
2-chlorotoluene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
4-chlorotoluene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-trimethyl benzene	µg/L	<1.0	<1.0	1.9	170	11
Tert-butyl benzene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-trimethyl benzene	µg/L	<1.0	2.8	5.2	380	31
1,3-dichlorobenzene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Sec-butyl benzene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-dichlorobenzene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
4-isopropyl toluene	µg/L	<1.0	<1.0	<1.0	15	1.1
1,2-dichlorobenzene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
n-butyl benzene	µg/L	<1.0	<1.0	<1.0	2.1	<1.0
1,2-dibromo-3-chloropropane	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-trichlorobenzene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-trichlorobenzene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0
Surrogate Dibromofluoromethane	%	#	#	#	#	111
Surrogate toluene-d8	%	111	94	116	112	89
Surrogate 4-BFB	%	105	113	112	122	108

VOCs in Zero Headspace Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ---------- ----------	42976-19 QA2 - 2/07/2010 Soil	42976-21 JBS TP3 4.0-4.2 2/07/2010 Soil
Date extracted	-	8/7/2010	8/7/2010
Date analysed	-	8/7/2010	8/7/2010
Dichlorodifluoromethane	µg/L	<10	<10
Chloromethane	µg/L	<10	<10
Vinyl Chloride	µg/L	<10	<10
Bromomethane	µg/L	<10	<10
Chloroethane	µg/L	<10	<10
Trichlorofluoromethane	µg/L	<10	<10
1,1-Dichloroethene	µg/L	<1.0	<1.0
Trans-1,2-dichloroethene	µg/L	<1.0	<1.0
1,1-dichloroethane	µg/L	<1.0	<1.0
Cis-1,2-dichloroethene	µg/L	<1.0	<1.0
Bromochloromethane	µg/L	<1.0	<1.0
Chloroform	µg/L	<1.0	<1.0
2,2-dichloropropane	µg/L	<1.0	<1.0
1,2-dichloroethane	µg/L	<1.0	<1.0
1,1,1-trichloroethane	µg/L	<1.0	<1.0
1,1-dichloropropene	µg/L	<1.0	<1.0
Carbon tetrachloride	µg/L	<1.0	<1.0
Benzene	µg/L	<1.0	1.0
Dibromomethane	µg/L	<1.0	<1.0
1,2-dichloropropane	µg/L	<1.0	<1.0
Trichloroethene	µg/L	<1.0	<1.0
Bromodichloromethane	µg/L	<1.0	<1.0
trans-1,3-dichloropropene	µg/L	<1.0	<1.0
cis-1,3-dichloropropene	µg/L	<1.0	<1.0
1,1,2-trichloroethane	µg/L	<1.0	<1.0
Toluene	µg/L	<1.0	<1.0
1,3-dichloropropane	µg/L	<1.0	<1.0
Dibromochloromethane	µg/L	<1.0	<1.0
1,2-dibromoethane	µg/L	<1.0	<1.0
Tetrachloroethene	µg/L	<1.0	<1.0
1,1,1,2-tetrachloroethane	µg/L	<1.0	<1.0
Chlorobenzene	µg/L	<1.0	<1.0
Ethylbenzene	µg/L	1.7	17
Bromoform	µg/L	<1.0	<1.0
m+p-xylene	µg/L	2.7	7.5
Styrene	µg/L	<1.0	<1.0
1,1,2,2-tetrachloroethane	µg/L	<1.0	<1.0
o-xylene	µg/L	1.6	11

VOCs in Zero Headspace Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ---------- ----------	42976-19 QA2 - 2/07/2010 Soil	42976-21 JBS TP3 4.0-4.2 2/07/2010 Soil
1,2,3-trichloropropane	µg/L	<1.0	<1.0
Isopropylbenzene	µg/L	<1.0	2.8
Bromobenzene	µg/L	<1.0	<1.0
n-propyl benzene	µg/L	<1.0	3.3
2-chlorotoluene	µg/L	<1.0	<1.0
4-chlorotoluene	µg/L	<1.0	<1.0
1,3,5-trimethyl benzene	µg/L	1.4	29
Tert-butyl benzene	µg/L	<1.0	<1.0
1,2,4-trimethyl benzene	µg/L	3.6	57
1,3-dichlorobenzene	µg/L	<1.0	<1.0
Sec-butyl benzene	µg/L	<1.0	<1.0
1,4-dichlorobenzene	µg/L	<1.0	<1.0
4-isopropyl toluene	µg/L	<1.0	3.4
1,2-dichlorobenzene	µg/L	<1.0	<1.0
n-butyl benzene	µg/L	<1.0	3.3
1,2-dibromo-3-chloropropane	µg/L	<1.0	<1.0
1,2,4-trichlorobenzene	µg/L	<1.0	<1.0
Hexachlorobutadiene	µg/L	<1.0	<1.0
1,2,3-trichlorobenzene	µg/L	<1.0	<1.0
Surrogate Dibromofluoromethane	%	120	114
Surrogate toluene-d8	%	91	90
Surrogate 4-BFB	%	106	111

Metals in TCLP USEPA1311						
Our Reference:	UNITS	42976-1	42976-2	42976-5	42976-6	42976-7
Your Reference	----------	JBS TP1	JBS TP2	JBS TP2	JBS TP3	JBS TP4
Depth	----------	0.3-0.4	0.4-0.5	1.4-1.5	1.7	0.5
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	07/07/2010	07/07/2010	07/07/2010	07/07/2010	07/07/2010
Date analysed	-	08/07/2010	08/07/2010	08/07/2010	08/07/2010	08/07/2010
pH of soil for fluid# determ.	pH units	7.40	7.50	7.40	7.50	6.70
pH of soil for fluid # determ. (acid)	pH units	1.40	1.40	1.40	1.60	1.40
Extraction fluid used	-	1	1	1	1	1
pH of final Leachate	pH units	5.30	5.00	5.00	5.10	5.00
Arsenic in TCLP	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05
Cadmium in TCLP	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium in TCLP	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Copper in TCLP	mg/L	0.1	0.04	0.04	0.02	0.1
Lead in TCLP	mg/L	<0.03	0.09	<0.03	<0.03	0.05
Mercury in TCLP	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Nickel in TCLP	mg/L	0.02	<0.02	<0.02	<0.02	<0.02
Zinc in TCLP	mg/L	1.6	1.7	0.5	1.0	1.4

Metals in TCLP USEPA1311						
Our Reference:	UNITS	42976-8	42976-9	42976-14	42976-16	42976-17
Your Reference	----------	JBS TP4	JBS TP4	JBS TP5	JBS TP5	JBS TP5
Depth	----------	1.0	1.6-1.7	0.5	1.5	2.0
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	07/07/2010	07/07/2010	07/07/2010	07/07/2010	07/07/2010
Date analysed	-	08/07/2010	08/07/2010	08/07/2010	08/07/2010	08/07/2010
pH of soil for fluid# determ.	pH units	5.90	6.10	6.00	6.60	7.00
pH of soil for fluid # determ. (acid)	pH units	1.40	1.40	1.30	1.30	1.40
Extraction fluid used	-	1	1	1	1	1
pH of final Leachate	pH units	4.90	5.00	5.00	5.10	5.00
Arsenic in TCLP	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05
Cadmium in TCLP	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium in TCLP	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Copper in TCLP	mg/L	0.06	0.4	0.02	0.02	0.02
Lead in TCLP	mg/L	0.04	0.06	0.05	<0.03	0.03
Mercury in TCLP	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Nickel in TCLP	mg/L	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc in TCLP	mg/L	0.2	1.4	0.3	1.3	0.09

Metals in TCLP USEPA1311 Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ---------- ----------	42976-19 QA2 - 2/07/2010 Soil	42976-21 JBS TP3 4.0-4.2 2/07/2010 Soil
Date extracted	-	07/07/2010	07/07/2010
Date analysed	-	08/07/2010	08/07/2010
pH of soil for fluid# determ.	pH units	6.50	5.90
pH of soil for fluid # determ. (acid)	pH units	1.40	1.40
Extraction fluid used	-	1	1
pH of final Leachate	pH units	5.20	5.00
Arsenic in TCLP	mg/L	<0.05	<0.05
Cadmium in TCLP	mg/L	<0.01	<0.01
Chromium in TCLP	mg/L	<0.01	<0.01
Copper in TCLP	mg/L	0.1	0.02
Lead in TCLP	mg/L	0.07	<0.03
Mercury in TCLP	mg/L	<0.0005	<0.0005
Nickel in TCLP	mg/L	0.05	<0.02
Zinc in TCLP	mg/L	1.8	0.2

PAHs in TCLP (USEPA 1311)						
Our Reference:	UNITS	42976-1	42976-2	42976-5	42976-6	42976-7
Your Reference	----------	JBS TP1	JBS TP2	JBS TP2	JBS TP3	JBS TP4
Depth	----------	0.3-0.4	0.4-0.5	1.4-1.5	1.7	0.5
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	07/07/2010	07/07/2010	07/07/2010	07/07/2010	07/07/2010
Date analysed	-	08/07/2010	08/07/2010	08/07/2010	08/07/2010	08/07/2010
Naphthalene in TCLP	mg/L	<0.001	0.022	2.8	3.6	0.002
Acenaphthylene in TCLP	mg/L	<0.001	0.002	0.02	0.02	<0.001
Acenaphthene in TCLP	mg/L	<0.001	0.001	0.014	0.047	<0.001
Fluorene in TCLP	mg/L	<0.001	0.004	0.020	0.027	<0.001
Phenanthrene in TCLP	mg/L	<0.001	0.005	0.018	0.020	<0.001
Anthracene in TCLP	mg/L	<0.001	0.001	0.003	0.004	<0.001
Fluoranthene in TCLP	mg/L	<0.001	0.001	0.002	0.002	<0.001
Pyrene in TCLP	mg/L	<0.001	0.001	0.002	0.003	<0.001
Benzo(a)anthracene in TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Chrysene in TCLP	mg/L	<0.001	<0.001	<0.001	0.001	<0.001
Benzo(b+k)fluoranthene in TCLP	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002
Benzo(a)pyrene in TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Indeno(1,2,3-c,d)pyrene - TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Dibenzo(a,h)anthracene in TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Benzo(g,h,i)perylene in TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Surrogate p-Terphenyl-d_{14}	%	124	119	112	115	122

PAHs in TCLP (USEPA 1311)						
Our Reference:	UNITS	42976-8	42976-9	42976-14	42976-16	42976-17
Your Reference	----------	JBS TP4	JBS TP4	JBS TP5	JBS TP5	JBS TP5
Depth	----------	1.0	1.6-1.7	0.5	1.5	2.0
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Date extracted	-	07/07/2010	07/07/2010	07/07/2010	07/07/2010	07/07/2010
Date analysed	-	08/07/2010	08/07/2010	08/07/2010	08/07/2010	08/07/2010
Naphthalene in TCLP	mg/L	<0.001	<0.001	0.001	0.64	0.18
Acenaphthylene in TCLP	mg/L	<0.001	<0.001	<0.001	0.02	0.003
Acenaphthene in TCLP	mg/L	<0.001	<0.001	<0.001	0.008	0.002
Fluorene in TCLP	mg/L	<0.001	<0.001	0.001	0.020	0.002
Phenanthrene in TCLP	mg/L	<0.001	<0.001	0.001	0.014	0.002
Anthracene in TCLP	mg/L	<0.001	<0.001	<0.001	0.003	<0.001
Fluoranthene in TCLP	mg/L	<0.001	<0.001	<0.001	0.001	0.001
Pyrene in TCLP	mg/L	<0.001	<0.001	<0.001	0.001	0.001
Benzo(a)anthracene in TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Chrysene in TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Benzo(b+k)fluoranthene in TCLP	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002
Benzo(a)pyrene in TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Indeno(1,2,3-c,d)pyrene - TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Dibenzo(a,h)anthracene in TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Benzo(g,h,i)perylene in TCLP	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Surrogate p-Terphenyl-d_{14}	%	130	76	133	123	129

PAHs in TCLP (USEPA 1311)			
Our Reference:	UNITS	42976-19	42976-21
Your Reference	----------	QA2	JBS TP3
Depth	----------	-	4.0-4.2
Date Sampled		2/07/2010	2/07/2010
Type of sample		Soil	Soil
Date extracted	-	07/07/2010	07/07/2010
Date analysed	-	08/07/2010	08/07/2010
Naphthalene in TCLP	mg/L	0.030	0.066
Acenaphthylene in TCLP	mg/L	<0.001	0.001
Acenaphthene in TCLP	mg/L	0.001	0.004
Fluorene in TCLP	mg/L	0.001	0.006
Phenanthrene in TCLP	mg/L	0.001	0.009
Anthracene in TCLP	mg/L	0.001	0.001
Fluoranthene in TCLP	mg/L	<0.001	0.001
Pyrene in TCLP	mg/L	<0.001	0.001
Benzo(a)anthracene in TCLP	mg/L	<0.001	<0.001
Chrysene in TCLP	mg/L	<0.001	<0.001
Benzo(b+k)fluoranthene in TCLP	mg/L	<0.002	<0.002
Benzo(a)pyrene in TCLP	mg/L	<0.001	<0.001
Indeno(1,2,3-c,d)pyrene - TCLP	mg/L	<0.001	<0.001
Dibenzo(a,h)anthracene in TCLP	mg/L	<0.001	<0.001
Benzo(g,h,i)perylene in TCLP	mg/L	<0.001	<0.001
Surrogate p-Terphenyl-d_{14}	%	117	122

Phenols in TCLP extract						
Our Reference:	UNITS	42976-1	42976-2	42976-5	42976-6	42976-7
Your Reference	----------	JBS TP1	JBS TP2	JBS TP2	JBS TP3	JBS TP4
Depth	----------	0.3-0.4	0.4-0.5	1.4-1.5	1.7	0.5
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Total Phenolics (as Phenol)	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050

Phenols in TCLP extract						
Our Reference:	UNITS	42976-8	42976-9	42976-14	42976-16	42976-17
Your Reference	----------	JBS TP4	JBS TP4	JBS TP5	JBS TP5	JBS TP5
Depth	----------	1.0	1.6-1.7	0.5	1.5	2.0
Date Sampled		2/07/2010	2/07/2010	2/07/2010	2/07/2010	2/07/2010
Type of sample		Soil	Soil	Soil	Soil	Soil
Total Phenolics (as Phenol)	mg/L	<0.050	<0.050	<0.050	<0.050	<0.050

Phenols in TCLP extract			
Our Reference:	UNITS	42976-19	42976-21
Your Reference	----------	QA2	JBS TP3
Depth	----------	-	4.0-4.2
Date Sampled		2/07/2010	2/07/2010
Type of sample		Soil	Soil
Total Phenolics (as Phenol)	mg/L	<0.050	<0.050

VOCs in water		
Our Reference:	UNITS	42976-13
Your Reference	----------	Rinsate
Depth	----------	-
Date Sampled		2/07/2010
Type of sample		Water
Date extracted	-	6/7/2010
Date analysed	-	6/7/2010
Dichlorodifluoromethane	µg/L	<10
Chloromethane	µg/L	<10
Vinyl Chloride	µg/L	<10
Bromomethane	µg/L	<10
Chloroethane	µg/L	<10
Trichlorofluoromethane	µg/L	<10
1,1-Dichloroethene	µg/L	<1.0
Trans-1,2-dichloroethene	µg/L	<1.0
1,1-dichloroethane	µg/L	<1.0
Cis-1,2-dichloroethene	µg/L	<1.0
Bromochloromethane	µg/L	<1.0
Chloroform	µg/L	<1.0
2,2-dichloropropane	µg/L	<1.0
1,2-dichloroethane	µg/L	<1.0
1,1,1-trichloroethane	µg/L	<1.0
1,1-dichloropropene	µg/L	<1.0
Cyclohexane	µg/L	<1.0
Carbon tetrachloride	µg/L	<1.0
Benzene	µg/L	<1.0
Dibromomethane	µg/L	<1.0
1,2-dichloropropane	µg/L	<1.0
Trichloroethene	µg/L	<1.0
Bromodichloromethane	µg/L	<1.0
trans-1,3-dichloropropene	µg/L	<1.0
cis-1,3-dichloropropene	µg/L	<1.0
1,1,2-trichloroethane	µg/L	<1.0
Toluene	µg/L	<1.0
1,3-dichloropropane	µg/L	<1.0
Dibromochloromethane	µg/L	<1.0
1,2-dibromoethane	µg/L	<1.0
Tetrachloroethene	µg/L	<1.0
1,1,1,2-tetrachloroethane	µg/L	<1.0
Chlorobenzene	µg/L	<1.0
Ethylbenzene	µg/L	<1.0
Bromoform	µg/L	<1.0
m+p-xylene	µg/L	<2.0
Styrene	µg/L	<1.0
1,1,2,2-tetrachloroethane	µg/L	<1.0

VOCs in water		
Our Reference:	UNITS	42976-13
Your Reference	----------	Rinsate
Depth	----------	-
Date Sampled		2/07/2010
Type of sample		Water
o-xylene	µg/L	<1.0
1,2,3-trichloropropane	µg/L	<1.0
Isopropylbenzene	µg/L	<1.0
Bromobenzene	µg/L	<1.0
n-propyl benzene	µg/L	<1.0
2-chlorotoluene	µg/L	<1.0
4-chlorotoluene	µg/L	<1.0
1,3,5-trimethyl benzene	µg/L	<1.0
Tert-butyl benzene	µg/L	<1.0
1,2,4-trimethyl benzene	µg/L	<1.0
1,3-dichlorobenzene	µg/L	<1.0
Sec-butyl benzene	µg/L	<1.0
1,4-dichlorobenzene	µg/L	<1.0
4-isopropyl toluene	µg/L	<1.0
1,2-dichlorobenzene	µg/L	<1.0
n-butyl benzene	µg/L	<1.0
1,2-dibromo-3-chloropropane	µg/L	<1.0
1,2,4-trichlorobenzene	µg/L	<1.0
Hexachlorobutadiene	µg/L	<1.0
1,2,3-trichlorobenzene	µg/L	<1.0
Surrogate Dibromofluoromethane	%	113
Surrogate toluene-d8	%	98
Surrogate 4-BFB	%	103

PAHs in Water		
Our Reference:	UNITS	42976-13
Your Reference	----------	Rinsate
Depth	----------	-
Date Sampled		2/07/2010
Type of sample		Water
Date extracted	-	08/07/2010
Date analysed	-	08/07/2010
Naphthalene	µg/L	<1
Acenaphthylene	µg/L	<1
Acenaphthene	µg/L	<1
Fluorene	µg/L	<1
Phenanthrene	µg/L	<1
Anthracene	µg/L	<1
Fluoranthene	µg/L	<1
Pyrene	µg/L	<1
Benzo(a)anthracene	µg/L	<1
Chrysene	µg/L	<1
Benzo(b+k)fluoranthene	µg/L	<2
Benzo(a)pyrene	µg/L	<1
Indeno(1,2,3-c,d)pyrene	µg/L	<1
Dibenzo(a,h)anthracene	µg/L	<1
Benzo(g,h,i)perylene	µg/L	<1
Surrogate p-Terphenyl-d_{14}	%	119

Speciated Phenols in water		
Our Reference:	UNITS	42976-13
Your Reference	----------	Rinsate
Depth	----------	-
Date Sampled		2/07/2010
Type of sample		Water
Date extracted	-	08/07/2010
Date analysed	-	08/07/2010
Phenol	µg/L	<10
2-Chlorophenol	µg/L	<10
2-Methylphenol	µg/L	<10
3/4-Methylphenol	µg/L	<20
2-Nitrophenol	µg/L	<10
2,4-Dimethylphenol	µg/L	<10
2,4-Dichlorophenol	µg/L	<10
2,6-Dichlorophenol	µg/L	<10
2,4,5-Trichlorophenol	µg/L	<10
2,4,6-Trichlorophenol	µg/L	<10
2,4-Dinitrophenol	µg/L	<100
4-Nitrophenol	µg/L	<100
2,3,4,6-Tetrachlorophenol	µg/L	<10
2-methyl-4,6-dinitrophenol	µg/L	<100
Pentachlorophenol	µg/L	<100
Surrogate 2-fluorophenol	%	43
Surrogate Phenol-d_6	%	31
Surrogate 2,4,6-Tribromophenol	%	95
Surrogate *p*-Terphenyl-d_{14}	%	126

Metals in Water - Dissolved		
Our Reference:	UNITS	42976-13
Your Reference	----------	Rinsate
Depth	----------	-
Date Sampled		2/07/2010
Type of sample		Water
Date digested	-	09/07/2010
Date analysed	-	09/07/2010
Arsenic - Dissolved	mg/L	<0.05
Cadmium - Dissolved	mg/L	<0.01
Chromium - Dissolved	mg/L	<0.01
Copper - Dissolved	mg/L	<0.01
Lead - Dissolved	mg/L	<0.03
Mercury - Dissolved	mg/L	<0.0005
Nickel - Dissolved	mg/L	<0.02
Zinc - Dissolved	mg/L	<0.02

Method ID	Methodology Summary
GC.14	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
GC.16	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS.
GC.12 subset	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS.
GC.12	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS.
Metals.20 ICP-AES	Determination of various metals by ICP-AES.
Metals.21 CV-AAS	Determination of Mercury by Cold Vapour AAS.
LAB.8	Moisture content determined by heating at 105 deg C for a minimum of 4 hours.
AS4964-2004	Asbestos ID - Qualitative identification of asbestos type fibres in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques.
GC.13	Water samples are analysed directly by purge and trap GC-MS.
LAB.4	Toxicity Characteristic Leaching Procedure (TCLP).
EXTRACT.7	Toxicity Characteristic Leaching Procedure (TCLP).
LAB.1	pH - Measured using pH meter and electrode in accordance with APHA 20th ED, 4500-H+.
Metals.20 ICP-AES	Determination of various metals by ICP-AES.
Metals.21 CV-AAS	Determination of Mercury by Cold Vapour AAS.
GC.12 subset	Leachates are extracted with Dichloromethane and analysed by GC-MS.
LAB.30	Total Phenolics - determined colorimetrically following disitillation.

QUALITY CONTROL VOCs in soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base ll Duplicate ll %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			06/07/2010	42976-1	06/07/2010 || 06/07/2010	LCS-2	06/07/2010
Date analysed	-			07/07/2010	42976-1	07/07/2010 || 07/07/2010	LCS-2	07/07/2010
Dichlorodifluoromethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
Chloromethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
Vinyl Chloride	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
Bromomethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
Chloroethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
Trichlorofluoromethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,1-Dichloroethene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
trans-1,2-dichloroethene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,1-dichloroethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	LCS-2	91%
cis-1,2-dichloroethene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
bromochloromethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
chloroform	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	LCS-2	102%
2,2-dichloropropane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,2-dichloroethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	LCS-2	97%
1,1,1-trichloroethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	LCS-2	95%
1,1-dichloropropene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
Cyclohexane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
carbon tetrachloride	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
Benzene	mg/kg	0.5	GC.14	<0.5	42976-1	<0.5 || <0.5	[NR]	[NR]
dibromomethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,2-dichloropropane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
trichloroethene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	LCS-2	98%
bromodichloromethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	LCS-2	88%
trans-1,3-dichloropropene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
cis-1,3-dichloropropene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,1,2-trichloroethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
Toluene	mg/kg	0.5	GC.14	<0.5	42976-1	<0.5 || <0.5	[NR]	[NR]
1,3-dichloropropane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
dibromochloromethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	LCS-2	65%
1,2-dibromoethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
tetrachloroethene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	LCS-2	86%
1,1,1,2-tetrachloroethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
chlorobenzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
Ethylbenzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
bromoform	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
m+p-xylene	mg/kg	2	GC.14	<2.0	42976-1	<2.0 || <2.0	[NR]	[NR]
styrene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,1,2,2-tetrachloroethane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]

QUALITY CONTROL VOCs in soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
o-Xylene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,2,3-trichloropropane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
isopropylbenzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
bromobenzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
n-propyl benzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
2-chlorotoluene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
4-chlorotoluene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,3,5-trimethyl benzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
tert-butyl benzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,2,4-trimethyl benzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,3-dichlorobenzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
sec-butyl benzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,4-dichlorobenzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
4-isopropyl toluene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,2-dichlorobenzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
n-butyl benzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,2-dibromo-3-chloropropane	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,2,4-trichlorobenzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
hexachlorobutadiene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
1,2,3-trichlorobenzene	mg/kg	1	GC.14	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
Surrogate Dibromofluorometha	%		GC.14	109	42976-1	110 || 104 || RPD: 6	LCS-2	101%
Surrogate aaa-Trifluorotoluene	%		GC.14	102	42976-1	110 || 119 || RPD: 8	LCS-2	117%
Surrogate Toluene-d_8	%		GC.14	86	42976-1	89 || 88 || RPD: 1	LCS-2	85%
Surrogate 4-Bromofluorobenzene	%		GC.14	102	42976-1	100 || 101 || RPD: 1	LCS-2	103%

QUALITY CONTROL BTEX in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			06/07/2010	[NT]	[NT]	LCS-2	06/07/2010
Date analysed	-			06/07/2010	[NT]	[NT]	LCS-2	06/07/2010
Benzene	mg/kg	0.5	GC.16	<0.5	[NT]	[NT]	LCS-2	105%
Toluene	mg/kg	0.5	GC.16	<0.5	[NT]	[NT]	LCS-2	88%
Ethylbenzene	mg/kg	1	GC.16	<1.0	[NT]	[NT]	LCS-2	95%
m+p-xylene	mg/kg	2	GC.16	<2.0	[NT]	[NT]	LCS-2	99%
o-Xylene	mg/kg	1	GC.16	<1.0	[NT]	[NT]	LCS-2	105%
Surrogate aaa-Trifluorotoluene	%		GC.16	102	[NT]	[NT]	LCS-2	126%

QUALITY CONTROL PAHs in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			06/07/2010	[NT]	[NT]	LCS-2	06/07/2010
Date analysed	-			07/07/2010	[NT]	[NT]	LCS-2	07/07/2010
Naphthalene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	LCS-2	92%
Acenaphthylene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Acenaphthene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Fluorene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	LCS-2	104%
Phenanthrene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	LCS-2	97%
Anthracene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Fluoranthene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	LCS-2	91%
Pyrene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	LCS-2	96%
Benzo(a)anthracene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Chrysene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	LCS-2	107%
Benzo(b+k)fluoranthene	mg/kg	0.2	GC.12 subset	<0.2	[NT]	[NT]	[NR]	[NR]
Benzo(a)pyrene	mg/kg	0.05	GC.12 subset	<0.05	[NT]	[NT]	LCS-2	108%
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	0.1	GC.12 subset	<0.1	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL PAHs in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Surrogate p-Terphenyl-d_{14}	%		GC.12 subset	108	[NT]	[NT]	LCS-2	102%

QUALITY CONTROL Speciated Phenols in Soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			06/07/2010	42976-1	06/07/2010 || 06/07/2010	LCS-2	06/07/2010
Date analysed	-			08/07/2010	42976-1	08/07/2010 || 08/07/2010	LCS-2	08/07/2010
Phenol	mg/kg	1	GC.12	<1.0	42976-1	<1.0 || <1.0	LCS-2	93%
2-Chlorophenol	mg/kg	1	GC.12	<1.0	42976-1	<1.0 || <1.0	LCS-2	95%
2-Methylphenol	mg/kg	1	GC.12	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
3/4-Methylphenol	mg/kg	2	GC.12	<2.0	42976-1	<2.0 || <2.0	[NR]	[NR]
2-Nitrophenol	mg/kg	1	GC.12	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
2,4-Dimethylphenol	mg/kg	1	GC.12	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
2,4-Dichlorophenol	mg/kg	1	GC.12	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
2,6-dichlorophenol	mg/kg	1	GC.12	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
2,4,5-trichlorophenol	mg/kg	1	GC.12	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
2,4,6-trichlorophenol	mg/kg	1	GC.12	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
2,4-dinitrophenol	mg/kg	10	GC.12	<10	42976-1	<10 || <10	[NR]	[NR]
4-nitrophenol	mg/kg	10	GC.12	<10	42976-1	<10 || <10	LCS-2	34%
2,3,4,6-tetrachlorophenol	mg/kg	1	GC.12	<1.0	42976-1	<1.0 || <1.0	[NR]	[NR]
2-methyl-4,6-dinitrophenol	mg/kg	10	GC.12	<10	42976-1	<10 || <10	[NR]	[NR]
pentachlorophenol	mg/kg	10	GC.12	<10	42976-1	<10 || <10	[NR]	[NR]
Surrogate 2-fluorophenol	%		GC.12	37	42976-1	59 || 59 || RPD: 0	LCS-2	83%
Surrogate Phenol-d_6	%		GC.12	63	42976-1	65 || 70 || RPD: 7	LCS-2	91%
Surrogate 2,4,6-Tribromophenol	%		GC.12	58	42976-1	52 || 66 || RPD: 24	LCS-2	53%
Surrogate p-Terphenyl-d_{14}	%		GC.12	92	42976-1	103 || 105 || RPD: 2	LCS-2	95%

QUALITY CONTROL Acid Extractable metals in soil	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date digested	-			07/07/2010	42976-1	07/07/2010 || 07/07/2010	LCS-1	07/07/2010
Date analysed	-			07/07/2010	42976-1	07/07/2010 || 07/07/2010	LCS-1	07/07/2010
Arsenic	mg/kg	4	Metals.20 ICP-AES	<4	42976-1	30 || 34 || RPD: 12	LCS-1	106%
Cadmium	mg/kg	0.5	Metals.20 ICP-AES	<0.5	42976-1	1.1 || 1.3 || RPD: 17	LCS-1	103%
Chromium	mg/kg	1	Metals.20 ICP-AES	<1	42976-1	26 || 29 || RPD: 11	LCS-1	105%
Copper	mg/kg	1	Metals.20 ICP-AES	<1	42976-1	230 || 290 || RPD: 23	LCS-1	93%
Lead	mg/kg	1	Metals.20 ICP-AES	<1	42976-1	220 || 260 || RPD: 17	LCS-1	112%
Mercury	mg/kg	0.1	Metals.21 CV-AAS	<0.1	42976-1	0.3 || 0.4 || RPD: 29	LCS-1	115%
Nickel	mg/kg	1	Metals.20 ICP-AES	<1	42976-1	20 || 21 || RPD: 5	LCS-1	108%
Zinc	mg/kg	1	Metals.20 ICP-AES	<1	42976-1	260 || 270 || RPD: 4	LCS-1	97%

QUALITY CONTROL Moisture	UNITS	PQL	METHOD	Blank
Date prepared	-			6/7/2010
Date analysed	-			6/7/2010
Moisture	%	0.1	LAB.8	<0.10

QUALITY CONTROL Asbestos ID - soils	UNITS	PQL	METHOD	Blank
Date analysed	-			[NT]

QUALITY CONTROL VOCs in Zero Headspace	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			8/7/2010	[NT]	[NT]	LCS-W1	8/7/2010
Date analysed	-			8/7/2010	[NT]	[NT]	LCS-W1	8/7/2010
Dichlorodifluoromethane	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
Chloromethane	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
Vinyl Chloride	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
Bromomethane	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
Chloroethane	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
Trichlorofluoromethane	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL VOCs in Zero Headspace	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
1,1-Dichloroethene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Trans-1,2-dichloroethene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,1-dichloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	107%
Cis-1,2-dichloroethene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Bromochloromethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Chloroform	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	113%
2,2-dichloropropane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2-dichloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	104%
1,1,1-trichloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	108%
1,1-dichloropropene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Carbon tetrachloride	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Dibromomethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2-dichloropropane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Trichloroethene	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	101%
Bromodichloromethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	122%
trans-1,3-dichloropropene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
cis-1,3-dichloropropene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,1,2-trichloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Toluene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,3-dichloropropane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Dibromochloromethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	109%
1,2-dibromoethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Tetrachloroethene	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	83%
1,1,1,2-tetrachloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Chlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Ethylbenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Bromoform	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
m+p-xylene	µg/L	2	GC.13	<2.0	[NT]	[NT]	[NR]	[NR]
Styrene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,1,2,2-tetrachloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
o-xylene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2,3-trichloropropane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Isopropylbenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Bromobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
n-propyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
2-chlorotoluene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
4-chlorotoluene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,3,5-trimethyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Tert-butyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL VOCs in Zero Headspace	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
1,2,4-trimethyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,3-dichlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Sec-butyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,4-dichlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
4-isopropyl toluene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2-dichlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
n-butyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2-dibromo-3-chloropropane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2,4-trichlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Hexachlorobutadiene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2,3-trichlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Surrogate Dibromofluoromethane	%		GC.13	109	[NT]	[NT]	LCS-W1	118%
Surrogate toluene-d8	%		GC.13	86	[NT]	[NT]	LCS-W1	86%
Surrogate 4-BFB	%		GC.13	102	[NT]	[NT]	LCS-W1	100%

QUALITY CONTROL Metals in TCLP USEPA1311	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			07/07/2010	42976-2	07/07/2010 || 07/07/2010	LCS-W1	07/07/2010
Date analysed	-			08/07/2010	42976-2	08/07/2010 || 08/07/2010	LCS-W1	08/07/2010
Arsenic in TCLP	mg/L	0.05	Metals.20 ICP-AES	<0.05	42976-2	<0.05 || <0.05	LCS-W1	103%
Cadmium in TCLP	mg/L	0.01	Metals.20 ICP-AES	<0.01	42976-2	<0.01 || <0.01	LCS-W1	99%
Chromium in TCLP	mg/L	0.01	Metals.20 ICP-AES	<0.01	42976-2	<0.01 || <0.01	LCS-W1	98%
Copper in TCLP	mg/L	0.01	Metals.20 ICP-AES	<0.01	42976-2	0.04 || 0.04 || RPD: 0	LCS-W1	100%
Lead in TCLP	mg/L	0.03	Metals.20 ICP-AES	<0.03	42976-2	0.09 || 0.1 || RPD: 11	LCS-W1	94%
Mercury in TCLP	mg/L	0.0005	Metals.21 CV-AAS	<0.0005	42976-2	<0.0005 || <0.0005	LCS-W1	114%
Nickel in TCLP	mg/L	0.02	Metals.20 ICP-AES	<0.02	42976-2	<0.02 || <0.02	LCS-W1	97%
Zinc in TCLP	mg/L	0.02	Metals.20 ICP-AES	<0.02	42976-2	1.7 || 1.6 || RPD: 6	LCS-W1	99%

QUALITY CONTROL PAHs in TCLP (USEPA 1311)	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			07/07/2010	[NT]	[NT]	LCS-W1	07/07/2010
Date analysed	-			08/07/2010	[NT]	[NT]	LCS-W1	08/07/2010
Naphthalene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	LCS-W1	92%
Acenaphthylene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	[NR]	[NR]
Acenaphthene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	[NR]	[NR]
Fluorene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	LCS-W1	106%
Phenanthrene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	LCS-W1	101%
Anthracene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	[NR]	[NR]
Fluoranthene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	LCS-W1	95%
Pyrene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	LCS-W1	101%
Benzo(a)anthracene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	[NR]	[NR]
Chrysene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	LCS-W1	111%
Benzo(b+k)fluoranthene in TCLP	mg/L	0.002	GC.12 subset	<0.002	[NT]	[NT]	[NR]	[NR]
Benzo(a)pyrene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	LCS-W1	112%
Indeno(1,2,3-c,d)pyrene - TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	[NR]	[NR]
Dibenzo(a,h)anthracene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	[NR]	[NR]
Benzo(g,h,i)perylene in TCLP	mg/L	0.001	GC.12 subset	<0.001	[NT]	[NT]	[NR]	[NR]
Surrogate p-Terphenyl-d_{14}	%		GC.12	120	[NT]	[NT]	LCS-W1	124%

QUALITY CONTROL Phenols in TCLP extract	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Total Phenolics (as Phenol)	mg/L	0.05	LAB.30	<0.050	42976-1	<0.050 || <0.050	LCS-W1	91%

QUALITY CONTROL VOCs in water	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			6/7/2010	[NT]	[NT]	LCS-W1	6/7/2010
Date analysed	-			6/7/2010	[NT]	[NT]	LCS-W1	6/7/2010
Dichlorodifluoromethane	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
Chloromethane	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
Vinyl Chloride	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
Bromomethane	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
Chloroethane	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
Trichlorofluoromethane	µg/L	10	GC.13	<10	[NT]	[NT]	[NR]	[NR]
1,1-Dichloroethene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Trans-1,2-dichloroethene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,1-dichloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	100%
Cis-1,2-dichloroethene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Bromochloromethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Chloroform	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	103%
2,2-dichloropropane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2-dichloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	102%
1,1,1-trichloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	94%
1,1-dichloropropene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Cyclohexane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Carbon tetrachloride	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Dibromomethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2-dichloropropane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Trichloroethene	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	98%
Bromodichloromethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	77%
trans-1,3-dichloropropene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
cis-1,3-dichloropropene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,1,2-trichloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Toluene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,3-dichloropropane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Dibromochloromethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	64%
1,2-dibromoethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Tetrachloroethene	µg/L	1	GC.13	<1.0	[NT]	[NT]	LCS-W1	90%
1,1,1,2-tetrachloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]

QUALITY CONTROL VOCs in water	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Chlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Ethylbenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Bromoform	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
m+p-xylene	µg/L	2	GC.13	<2.0	[NT]	[NT]	[NR]	[NR]
Styrene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,1,2,2-tetrachloroethane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
o-xylene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2,3-trichloropropane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Isopropylbenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Bromobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
n-propyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
2-chlorotoluene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
4-chlorotoluene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,3,5-trimethyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Tert-butyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2,4-trimethyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,3-dichlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Sec-butyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,4-dichlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
4-isopropyl toluene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2-dichlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
n-butyl benzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2-dibromo-3-chloropropane	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2,4-trichlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Hexachlorobutadiene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
1,2,3-trichlorobenzene	µg/L	1	GC.13	<1.0	[NT]	[NT]	[NR]	[NR]
Surrogate Dibromofluoromethane	%		GC.13	106	[NT]	[NT]	LCS-W1	108%
Surrogate toluene-d8	%		GC.13	87	[NT]	[NT]	LCS-W1	89%
Surrogate 4-BFB	%		GC.13	102	[NT]	[NT]	LCS-W1	96%

QUALITY CONTROL PAHs in Water	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			08/07/2010	[NT]	[NT]	LCS-W1	08/07/2010
Date analysed	-			08/07/2010	[NT]	[NT]	LCS-W1	08/07/2010
Naphthalene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	LCS-W1	92%
Acenaphthylene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	[NR]	[NR]
Acenaphthene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	[NR]	[NR]
Fluorene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	LCS-W1	105%
Phenanthrene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	LCS-W1	85%
Anthracene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	[NR]	[NR]
Fluoranthene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	LCS-W1	90%
Pyrene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	LCS-W1	100%
Benzo(a)anthracene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	[NR]	[NR]
Chrysene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	LCS-W1	107%
Benzo(b+k)fluoranthene	µg/L	2	GC.12 subset	<2	[NT]	[NT]	[NR]	[NR]
Benzo(a)pyrene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	LCS-W1	105%
Indeno(1,2,3-c,d)pyrene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	[NR]	[NR]
Dibenzo(a,h)anthracene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	[NR]	[NR]
Benzo(g,h,i)perylene	µg/L	1	GC.12 subset	<1	[NT]	[NT]	[NR]	[NR]
Surrogate p-Terphenyl-d_{14}	%		GC.12 subset	131	[NT]	[NT]	LCS-W1	133%

QUALITY CONTROL Speciated Phenols in water	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date extracted	-			08/07/2010	[NT]	[NT]	LCS-W1	08/07/2010
Date analysed	-			08/07/2010	[NT]	[NT]	LCS-W1	08/07/2010
Phenol	µg/L	10	GC.12	<10	[NT]	[NT]	LCS-W1	38%
2-Chlorophenol	µg/L	10	GC.12	<10	[NT]	[NT]	LCS-W1	83%
2-Methylphenol	µg/L	10	GC.12	<10	[NT]	[NT]	[NR]	[NR]
3/4-Methylphenol	µg/L	20	GC.12	<20	[NT]	[NT]	[NR]	[NR]
2-Nitrophenol	µg/L	10	GC.12	<10	[NT]	[NT]	[NR]	[NR]
2,4-Dimethylphenol	µg/L	10	GC.12	<10	[NT]	[NT]	[NR]	[NR]
2,4-Dichlorophenol	µg/L	10	GC.12	<10	[NT]	[NT]	[NR]	[NR]
2,6-Dichlorophenol	µg/L	10	GC.12	<10	[NT]	[NT]	[NR]	[NR]
2,4,5-Trichlorophenol	µg/L	10	GC.12	<10	[NT]	[NT]	[NR]	[NR]
2,4,6-Trichlorophenol	µg/L	10	GC.12	<10	[NT]	[NT]	[NR]	[NR]
2,4-Dinitrophenol	µg/L	100	GC.12	<100	[NT]	[NT]	[NR]	[NR]
4-Nitrophenol	µg/L	100	GC.12	<100	[NT]	[NT]	LCS-W1	42%
2,3,4,6-Tetrachlorophenol	µg/L	10	GC.12	<10	[NT]	[NT]	[NR]	[NR]
2-methyl-4,6-dinitrophenol	µg/L	100	GC.12	<100	[NT]	[NT]	[NR]	[NR]
Pentachlorophenol	µg/L	100	GC.12	<100	[NT]	[NT]	[NR]	[NR]
Surrogate 2-fluorophenol	%		GC.12	48	[NT]	[NT]	LCS-W1	50%
Surrogate Phenol-d_6	%		GC.12	31	[NT]	[NT]	LCS-W1	37%
Surrogate 2,4,6-Tribromophenol	%		GC.12	92	[NT]	[NT]	LCS-W1	103%
Surrogate p-Terphenyl-d_{14}	%		GC.12	116	[NT]	[NT]	LCS-W1	113%

QUALITY CONTROL Metals in Water - Dissolved	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results Base II Duplicate II %RPD	Spike Sm#	Spike % Recovery
Date digested	-			09/07/2010	[NT]	[NT]	LCS-W1	09/07/2010
Date analysed	-			09/07/2010	[NT]	[NT]	LCS-W1	09/07/2010
Arsenic - Dissolved	mg/L	0.05	Metals.20 ICP-AES	<0.05	[NT]	[NT]	LCS-W1	94%
Cadmium - Dissolved	mg/L	0.01	Metals.20 ICP-AES	<0.01	[NT]	[NT]	LCS-W1	97%
Chromium - Dissolved	mg/L	0.01	Metals.20 ICP-AES	<0.01	[NT]	[NT]	LCS-W1	94%
Copper - Dissolved	mg/L	0.01	Metals.20 ICP-AES	<0.01	[NT]	[NT]	LCS-W1	95%
Lead - Dissolved	mg/L	0.03	Metals.20 ICP-AES	<0.03	[NT]	[NT]	LCS-W1	94%
Mercury - Dissolved	mg/L	0.0005	Metals.21 CV-AAS	<0.0005	[NT]	[NT]	LCS-W1	102%
Nickel - Dissolved	mg/L	0.02	Metals.20 ICP-AES	<0.02	[NT]	[NT]	LCS-W1	96%
Zinc - Dissolved	mg/L	0.02	Metals.20 ICP-AES	<0.02	[NT]	[NT]	LCS-W1	95%

QUALITY CONTROL Speciated Phenols in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	[NT]	[NT]	42976-2	06/07/2010
Date analysed	-	[NT]	[NT]	42976-2	08/07/2010
Phenol	mg/kg	[NT]	[NT]	42976-2	113%
2-Chlorophenol	mg/kg	[NT]	[NT]	42976-2	99%
2-Methylphenol	mg/kg	[NT]	[NT]	[NR]	[NR]
3/4-Methylphenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2-Nitrophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2,4-Dimethylphenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2,4-Dichlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2,6-dichlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2,4,5-trichlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2,4,6-trichlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2,4-dinitrophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
4-nitrophenol	mg/kg	[NT]	[NT]	42976-2	42%
2,3,4,6-tetrachlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
2-methyl-4,6-dinitrophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
pentachlorophenol	mg/kg	[NT]	[NT]	[NR]	[NR]
Surrogate 2-fluorophenol	%	[NT]	[NT]	42976-2	70%
Surrogate Phenol-d_6	%	[NT]	[NT]	42976-2	88%
Surrogate 2,4,6-Tribromophenol	%	[NT]	[NT]	42976-2	122%

QUALITY CONTROL Speciated Phenols in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Surrogate p-Terphenyl-d14	%	[NT]	[NT]	42976-2	104%
QUALITY CONTROL Acid Extractable metals in soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date digested	-	[NT]	[NT]	42976-2	07/07/2010
Date analysed	-	[NT]	[NT]	42976-2	07/07/2010
Arsenic	mg/kg	[NT]	[NT]	42976-2	95%
Cadmium	mg/kg	[NT]	[NT]	42976-2	95%
Chromium	mg/kg	[NT]	[NT]	42976-2	95%
Copper	mg/kg	[NT]	[NT]	42976-2	83%
Lead	mg/kg	[NT]	[NT]	42976-2	107%
Mercury	mg/kg	[NT]	[NT]	42976-2	111%
Nickel	mg/kg	[NT]	[NT]	42976-2	89%
Zinc	mg/kg	[NT]	[NT]	42976-2	94%
QUALITY CONTROL Phenols in TCLP extract	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Total Phenolics (as Phenol)	mg/L	[NT]	[NT]	42976-2	115%
QUALITY CONTROL Metals in Water - Dissolved	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date digested	-	[NT]	[NT]	42976-13	09/07/2010
Date analysed	-	[NT]	[NT]	42976-13	09/07/2010
Arsenic - Dissolved	mg/L	[NT]	[NT]	42976-13	96%
Cadmium - Dissolved	mg/L	[NT]	[NT]	42976-13	99%
Chromium - Dissolved	mg/L	[NT]	[NT]	42976-13	94%
Copper - Dissolved	mg/L	[NT]	[NT]	42976-13	96%
Lead - Dissolved	mg/L	[NT]	[NT]	42976-13	95%
Mercury - Dissolved	mg/L	[NT]	[NT]	42976-13	102%
Nickel - Dissolved	mg/L	[NT]	[NT]	42976-13	97%
Zinc - Dissolved	mg/L	[NT]	[NT]	42976-13	96%

Report Comments:

Phenols in soil:PQL has been raised due to the sample matrix requiring dilution.
Asbestos was analysed by Approved Identifier: Matt Mansfield
Asbestos was authorised by Approved Signatory: Matt Mansfield
INS: Insufficient sample for this test NT: Not tested PQL: Practical Quantitation Limit <: Less than >: Greater than
RPD: Relative Percent Difference NA: Test not required LCS: Laboratory Control Sample NR: Not requested

Quality Control Definitions

Blank: This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate: This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike: A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample): This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike: Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Laboratory Acceptance Criteria:

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

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.
Matrix Spikes and LCS: Generally 70-130% for inorganics/metals; 60-140% for organics and 10-140% for SVOC and speciated phenols is acceptable. Surrogates: 60-140% is acceptable for general organics and 10-140% for

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

SAMPLE RECEIPT ADVICE

Client:

JBS Environmental
P.O. Box 940
MASCOT NSW 1460

ph: 8338 1013
Fax: 8338 1700

Attention: Tim Davis / Sumi Dorairoj

Sample log in details:

Your reference:	**40913, Macdonaldtown**
Envirolab Reference:	**42976**
Date received:	02/07/10
Date results expected to be reported:	**9/07/10**

Samples received in appropriate condition for analysis:	YES
No. of samples provided	21 Soils, 1 Water
Turnaround time requested:	Standard
Temperature on receipt	Cool
Cooling Method:	Ice

Comments:

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

Contact details:

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

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CHAIN OF CUSTODY - Client

ENVIROLAB SERVICES

Client: JBS Environmental	**Client Project Name and Number:** 40913
Project Mgr: (Doraira)	**PO No.:**
Sampler: Tim Davis	**Envirolab Services Quote No. :**
Address: 128 O'Riordan St Mascot NSW 2020	**Date results required:**
Email: sdoraira@jbsgroup.com.au *tdavis@jbsgroup.com.au	**Or choose:** standard / 1 day / 2 day / 3 day
Phone: 8338 1011 **Fax:** 83381700	*Note: Inform lab in advance if urgent turnaround is required - surcharge applies*

Envirolab Services
12 Ashley St, Chatswood, NSW, 2067

Phone: 02 9958 5801
Fax: 02 9958 5803
E-mail: tnotaras@envirolabservices.com.au

Contact: Tania Notaras

Envirolab Sample ID	Client Sample ID	Date sampled	Type of sample	Heavy metals	PAHs	VOCs	Speciated phenols	TCLP Heavy metals	TCLP PAHs	TCLP VOCs	TCLP phenols	Cu-C9 + BTEX	HOLD	Asbestos					Provide as much information about the sample as you can
1	JBS TP1 /0.3-0.4 m	02/7/10	Soil	✓	✓	✓	✓	✓	✓	✓	✓			✓					Expect high
2	JBS TP2 /0.4-0.5 m			✓	✓	✓	✓	✓	✓	✓	✓			✓					PAHs in all
3	JBS TP2/0.8-0.9 m												✓						samples
4	JBS TP2/1.2-1.3 m			✓									✓						
5	JBS TP2/1.4-1.5m			✓	✓	✓	✓	✓	✓	✓	✓			✓					
6	JBS TP3/1.7m			✓	✓	✓	✓	✓	✓	✓	✓			✓					
7	JBS TP4/0.5m			✓	✓	✓	✓	✓	✓	✓	✓			✓					
8	JBS TP4/1.0m			✓	✓	✓	✓	✓	✓	✓	✓		✓	✓					
9	JBS TP4/1.6-1.7m			✓	✓	✓	✓	✓	✓	✓	✓			✓					
10	JBS TP4/1.9-2.0m	↓											✓						
11	Trip Spike											✓							
12	Trip Blank		↓									✓							
13	Rinsate	02/07/10	W	✓	✓	✓	✓	✓	✓	✓									
14	JBS TP5/0.5m		S	✓	✓	✓	✓	✓	✓	✓	✓								
15	JBS TP5/1.0m	↓	S																

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

Job No: 42976
Date received: 2/7
Time received: 18:30
Received by: ES
Temp: Cool/Ambient
Cooling: Ice/Icepack
Security: Intact/Broken/None

Relinquished by (company): JBS	**Received by (company):** ELS
Print Name: Somi Doraira	**Print Name:** ES
Date & Time: 02/07/10 15:30	**Date & Time:** 2/7 1830
Signature:	**Signature:**

Samples Received: Cool or Ambient (circle one)
Temperature Recieved at: (if applicable)
Transported by: Hand delivered / courier

4126

CHAIN OF CUSTODY - Client

ENVIROLAB SERVICES

Client: JBS Environmental	**Client Project Name and Number:** 40913 Macdonaldtown
Project Mgr: Dorairaj	**PO No.:**
Sampler: Tim Davis	**Envirolab Services Quote No. :**
Address: 128 O'Riordan St Mascot NSW 2020	**Date results required:**
Email: sdorairaj@jbsgroup.com.au / tdavis@jbsgroup.com.au	**Or choose:** standard / 1 day / 2 day / 3 day
Phone: 8338 1011 **Fax:** 8338 1700	*Note: Inform lab in advance if urgent turnaround is required - surcharge applies*

Envirolab Services
12 Ashley St, Chatswood, NSW, 2067

Phone: 02 9958 5801
Fax: 02 9958 5803
E-mail: tnotaras@envirolabservices.com.au

Contact: Tania Notaras

Envirolab Sample ID	Client Sample ID	Date sampled	Type of sample	Heavy metals	PAHs	VOCs	speciated phenols	TCLP metals	TCLP PAHs	TCLP VOCs	TCLP phenols	C6-C9 BTEX	HOLD	Asbestos					Provide as much information about the sample as you can
16	JBS TP5/1.5m	02/07/10	S	✓	✓	✓	✓	✓	✓	✓	✓			✓					
17	JBS TP5/2.0m	↓	↓	✓	✓	✓	✓	✓	✓	✓	✓			✓					
18	QA1												✓						
19	QA2			✓	✓	✓	✓	✓	✓	✓	✓								
20	QC2	↓	↓	✓	✓	✓	✓	✓	✓	✓	✓								please send to SGS
21	JBS TP3/4.0-4.2			✓	✓	✓	✓	✓	✓	✓	✓			✓					
22	TS1																		

Relinquished by (company): JBS	**Received by (company):** ELS
Print Name: Sumi Dorairaj	**Print Name:** [illegible]
Date & Time: 02/07/10 15:30	**Date & Time:** 2-7 15:30
Signature:	**Signature:**

Samples Received: Cool or Ambient (circle one)
Temperature Recieved at: (if applicable)
Transported by: Hand delivered / courier
Page No: 2 of 2

ANALYTICAL REPORT

14 July 2010

JBS Environmental Pty Ltd
PO Box 940
MASCOT
NSW 1460

Attention: **Sumi Dorairaj**

Your Reference: 40913 - Macdonaldtown

Our Reference: SE79619

Samples: 1 Soil
Received: 5/7/10

Preliminary Report Sent: 12/07/2010

These samples were analysed in accordance with your written instructions.

For and on Behalf of:
SGS ENVIRONMENTAL SERVICES

Sample Receipt:	Angela Mamalicos	AU.SampleReceipt.Sydney@sgs.com
Production Manager:	Huong Crawford	Huong.Crawford@sgs.com

Results Approved and/or Authorised by:

Edward Ibrahim
Laboratory Manager

Ly Kim Ha
Organics Signatory

SGS Australia Pty Ltd
ABN 44 000 964 278
Environmental Services Unit 16/33 Maddox Street Alexandria NSW 2015 Australia
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VOCs in Soil - 72 List Our Reference: Your Reference Sample Matrix Date Sampled	UNITS ---------- ----------	SE79619-1 QC2 Soil 2/07/2010
Date Extracted		8/07/2010
Date Analysed		8/07/2010
Dichlorodifluoromethane (CFC-12)	mg/kg	<1
Chloromethane	mg/kg	<1
Vinyl Chloride (chloroethene)	mg/kg	<0.1
Bromomethane	mg/kg	<1
Chloroethane	mg/kg	<1
Trichlorofluoromethane	mg/kg	<1
Acetone (2-propanone)	mg/kg	<10
1,1-Dichloroethene	mg/kg	<0.1
Methyl Iodine (iodomethane)	mg/kg	<5
Acrylonitrile	mg/kg	<0.1
Methylene Chloride (DCM)	mg/kg	<0.5
Allyl Chloride	mg/kg	<0.1
Carbon Disulphide	mg/kg	<0.5
trans-1,2-Dichloroethene	mg/kg	<0.1
Methyl-tert-butyl ether (MtBE)	mg/kg	<0.5
1,1-Dichloroethane	mg/kg	<0.1
2-Butanone (MEK)	mg/kg	<10
cis-1,2-Dichloroethene	mg/kg	<0.1
Bromochloromethane	mg/kg	<0.1
Chloroform	mg/kg	<0.1
2,2-Dichloropropane	mg/kg	<0.1
1,2-Dichloroethane	mg/kg	<0.1
1,1,1-Trichloroethane	mg/kg	<0.1
1,1-Dichloropropene	mg/kg	<0.1
Carbon tetrachloride	mg/kg	<0.1
Benzene	mg/kg	<0.1
Dibromomethane	mg/kg	<0.1
1,2-Dichloropropane	mg/kg	<0.1
Trichloroethene (TCE)	mg/kg	<0.1
2-Nitropropane	mg/kg	<10
Bromodichloromethane	mg/kg	<0.1
cis-1,3-Dichloropropene	mg/kg	<0.1
4-Methyl-2-Pentanone (MIBK)	mg/kg	<1
trans-1,3-Dichloropropene	mg/kg	<0.1
1,1,2-Trichloroethane	mg/kg	<0.1
Toluene	mg/kg	<0.1

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VOCs in Soil - 72 List Our Reference: Your Reference Sample Matrix Date Sampled	UNITS ---------- ----------	SE79619-1 QC2 Soil 2/07/2010
1,3-Dichloropropane	mg/kg	<0.1
2-Hexanone (MBK)	mg/kg	<5
Dibromochloromethane	mg/kg	<0.1
1,2-Dibromoethane (EDB)	mg/kg	<0.1
Tetrachloroethene (PCE- perchloroethylen	mg/kg	<0.1
1,1,1,2-Tetrachloroethane	mg/kg	<0.1
Chlorobenzene	mg/kg	<0.1
Ethyl benzene	mg/kg	0.1
Bromoform	mg/kg	<0.1
m/p-Xylenes	mg/kg	0.2
Cis-1,4-dichloro-2-butene	mg/kg	<1
Styrene (vinyl benzene)	mg/kg	<0.1
1,1,2,2-Tetrachloroethane	mg/kg	<0.1
o-Xylene	mg/kg	0.1
1,2,3-Trichloropropane	mg/kg	<0.1
Trans-1,4-dichloro-2-butene	mg/kg	<1
Isopropylbenzene (Cumene)	mg/kg	<0.1
Bromobenzene	mg/kg	<0.1
n-Propylbenzene	mg/kg	<0.1
2-Chlorotoluene	mg/kg	<0.1
4-Chlorotoluene	mg/kg	<0.1
1,3,5-Trimethylbenzene	mg/kg	0.1
tert-Butylbenzene	mg/kg	<0.1
1,2,4-Trimethylbenzene	mg/kg	0.3
sec-Butylbenzene	mg/kg	<0.1
1,3-Dichlorobenzene	mg/kg	<0.1
1,4-Dichlorobenzene	mg/kg	<0.1
p-Isopropyl toluene	mg/kg	<0.1
1,2-Dichlorobenzene	mg/kg	<0.1
n-Butylbenzene	mg/kg	<0.1
1,2-Dibromo-3-chloropropane	mg/kg	<0.1
1,2,4-Trichlorobenzene	mg/kg	<0.1
Naphthalene	mg/kg	5.2
Hexachlorobutadiene	mg/kg	<0.1
1,2,3-Trichlorobenzene	mg/kg	<0.1
Vinyl acetate	mg/kg	<10
Dibromofluoromethane	%	94
1,2-Dichloroethane-d4	%	97
Toluene-*d8 Surrogate 2*	%	83

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VOCs in Soil - 72 List		
Our Reference:	UNITS	SE79619-1
Your Reference	----------	QC2
Sample Matrix	----------	Soil
Date Sampled		2/07/2010
4-Bromofluorobenzene *Surrogate 3*	%	78

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PAHs in Soil Our Reference: Your Reference Sample Matrix Date Sampled	UNITS ---------- ----------	SE79619-1 QC2 Soil 2/07/2010
Date Extracted		8/07/2010
Date Analysed		8/07/2010
Naphthalene	mg/kg	3.1
2-Methylnaphthalene	mg/kg	1.5
1-Methylnaphthalene	mg/kg	1.1
Acenaphthylene	mg/kg	2.4
Acenaphthene	mg/kg	0.23
Fluorene	mg/kg	0.92
Phenanthrene	mg/kg	5.7
Anthracene	mg/kg	2.6
Fluoranthene	mg/kg	12
Pyrene	mg/kg	13
Benzo[*a*]anthracene	mg/kg	11
Chrysene	mg/kg	6.3
Benzo[*b,k*]fluoranthene	mg/kg	12
Benzo[*a*]pyrene	mg/kg	6.7
Indeno[*123-cd*]pyrene	mg/kg	4.3
Dibenzo[*ah*]anthracene	mg/kg	1.2
Benzo[*ghi*]perylene	mg/kg	4.6
Total PAHs (sum)	mg/kg	89
Nitrobenzene-d5	%	107
2-Fluorobiphenyl	%	103
p -Terphenyl-*d14*	%	114

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