

Laboratory ID :	13030157-001	13030157-003	13030157-005	13030157-007
Client Sample ID :	SS-1/0-3"	SS-2/0-6"	SS-3/0-6"	SS-4/0-6"
Date Collected :	03/07/2013 12:40	03/07/2013 13:20	03/07/2013 14:10	03/07/2013 14:40

Analyte	Test Method	Units				
Percent Moisture	D2974	wt%	36.0	21.3	25.6	30.7
Benzene	SW5035/8260B	mg/Kg-dry	< 0.0066	< 0.0063	< 0.0059	< 0.0056
Toluene	SW5035/8260B	mg/Kg-dry	< 0.0066	< 0.0063	< 0.0059	< 0.0056
Ethylbenzene	SW5035/8260B	mg/Kg-dry	< 0.0066	< 0.0063	< 0.0059	< 0.0056
Xylenes, Total	SW5035/8260B	mg/Kg-dry	< 0.02	< 0.019	< 0.018	< 0.017
Acenaphthene	SW8270C	mg/Kg-dry	0.13	0.5	0.11	0.17
Acenaphthylene	SW8270C	mg/Kg-dry	0.056	< 0.41	< 0.044	0.052
Anthracene	SW8270C	mg/Kg-dry	0.42	1.7	0.26	0.23
Benzo(a)anthracene	SW8270C	mg/Kg-dry	1.2	4.1	0.75	0.89
Benzo(a)pyrene	SW8270C	mg/Kg-dry	1.1	3.8	0.77	0.91
Benzo(b)fluoranthene	SW8270C	mg/Kg-dry	1.3	4	0.86	0.99
Benzo(g,h,i)perylene	SW8270C	mg/Kg-dry	0.87	2.4	0.62	0.71
Benzo(k)fluoranthene	SW8270C	mg/Kg-dry	1.1	2.8	0.68	0.81
Chrysene	SW8270C	mg/Kg-dry	1.6	4.3	0.95	1.1
Dibenz(a,h)anthracene	SW8270C	mg/Kg-dry	0.4	1.3	0.27	0.32
Fluoranthene	SW8270C	mg/Kg-dry	3.3	9	2.1	2.5
Fluorene	SW8270C	mg/Kg-dry	0.18	0.65	0.13	0.16
Indeno(1,2,3-cd)pyrene	SW8270C	mg/Kg-dry	0.78	2.3	0.54	0.61
Naphthalene	SW8270C	mg/Kg-dry	< 0.051	< 0.41	< 0.044	< 0.047
Phenanthrene	SW8270C	mg/Kg-dry	1.9	5.1	1.1	0.91
Pyrene	SW8270C	mg/Kg-dry	2.5	7.3	1.6	2
Aroclor 1016	SW8082	mg/Kg-dry	< 0.12	< 0.1	< 0.11	< 0.11

13030157

Laboratory ID : 13030157-001 13030157-003 13030157-005 13030157-007
 Client Sample ID : SS-1/0-3" SS-2/0-6" SS-3/0-6" SS-4/0-6"
 Date Collected : 03/07/2013 12:40 03/07/2013 13:20 03/07/2013 14:10 03/07/2013 14:40

Analyte	Test Method	Units	13030157-001	13030157-003	13030157-005	13030157-007
Aroclor 1221	SW8082	mg/Kg-dry	< 0.12	< 0.1	< 0.11	< 0.11
Aroclor 1232	SW8082	mg/Kg-dry	< 0.12	< 0.1	< 0.11	< 0.11
Aroclor 1242	SW8082	mg/Kg-dry	< 0.12	< 0.1	< 0.11	< 0.11
Aroclor 1248	SW8082	mg/Kg-dry	< 0.12	< 0.1	< 0.11	< 0.11
Aroclor 1254	SW8082	mg/Kg-dry	< 0.12	< 0.1	< 0.11	< 0.11
Aroclor 1260	SW8082	mg/Kg-dry	< 0.12	< 0.1	< 0.11	< 0.11
TPH (GRO)	SW8015M	mg/Kg-dry		< 23	< 27	
TPH (DRO)	SW8015M	mg/Kg-dry		35	33	
TPH (ERO)	SW8015M	mg/Kg-dry		170	160	
pH	SW9045C	pH Units	7.5	8.2	7.8	7.4
Arsenic	SW6020	mg/Kg-dry	14	6.6	6.4	6
Barium	SW6020	mg/Kg-dry	37	67	34	38
Cadmium	SW6020	mg/Kg-dry	< 0.85	< 0.68	< 0.63	< 0.69
Chromium	SW6020	mg/Kg-dry	18	12	11	11
Lead	SW6020	mg/Kg-dry	16	81	26	33
Mercury	SW7471A	mg/Kg-dry	< 0.025	0.057	< 0.023	0.027
Selenium	SW6020	mg/Kg-dry	< 1.7	< 1.4	< 1.3	< 1.4
Silver	SW6020	mg/Kg-dry	< 1.7	< 1.4	< 1.3	< 1.4

Laboratory ID : 13030157-001 13030157-003 13030157-005 13030157-007
 Client Sample ID : SS-1/0-3" SS-2/0-6" SS-3/0-6" SS-4/0-6"
 Date Collected : 03/07/2013 12:40 03/07/2013 13:20 03/07/2013 14:10 03/07/2013 14:40

	CAS No.	Analyte	Route Specific Values for Soil		of Groundwater Ingestion Exposure Route						
			Ingestion	Inhalation	Class I	Class II					ADL
BTEX	71-43-2	Benzene	12	0.8	0.03	0.17	< 0.0066	< 0.0063	< 0.0059	< 0.0056	
	108-88-3	Toluene	16,000	650 / 42*	12	29	< 0.0066	< 0.0063	< 0.0059	< 0.0056	
	100-41-4	Ethylbenzene	7,800	400 / 58*	13	19	< 0.0066	< 0.0063	< 0.0059	< 0.0056	
	1330-20-7	Xylenes, Total	16,000	320 / 5.6*	150	150	< 0.02	< 0.019	< 0.018	< 0.017	
PNA	83-32-9	Acenaphthene	4,700	---	570	2,900	0.13	0.5	0.11	0.17	
	208-96-8	Acenaphthylene					0.056	< 0.41	< 0.044	0.052	
	120-12-7	Anthracene	23,000	---	12,000	59,000	0.42	1.7	0.26	0.23	
	56-55-3	Benz(a)anthracene	0.9	---	2	8	1.2	4.1	0.75	0.89	
	50-32-8	Benzo(a)pyrene	0.09	---	8	82	1.1	3.8	0.77	0.91	
	205-99-2	Benzo(b)fluoranthene	0.9	---	5	25	1.3	4	0.86	0.99	
	191-24-2	Benzo(g,h,i)perylene					0.87	2.4	0.62	0.71	
	207-08-9	Benzo(k)fluoranthene	9	---	49	250	1.1	2.8	0.68	0.81	
	218-01-9	Chrysene	88	---	160	800	1.6	4.3	0.95	1.1	
	53-70-3	Dibenz(a,h)anthracene	0.09	---	2	7.6	0.4	1.3	0.27	0.32	
	206-44-0	Fluoranthene	3,100	---	4,300	21,000	3.3	9	2.1	2.5	
	86-73-7	Fluorene	3,100	---	560	2,800	0.18	0.65	0.13	0.16	
	193-39-5	Indeno(1,2,3-cd)pyrene	0.9	---	14	69	0.78	2.3	0.54	0.61	
	91-20-3	Naphthalene	1,600	170 / 1.8*	12	18	< 0.051	< 0.41	< 0.044	< 0.047	
	85-01-8	Phenanthrene					1.9	5.1	1.1	0.91	
	129-00-0	Pyrene	2,300	---	4,200	21,000	2.5	7.3	1.6	2	
PCB	12674-11-2	Aroclor 1016	1	---	---	---	< 0.12	< 0.1	< 0.11	< 0.11	
	11104-28-2	Aroclor 1221	1	---	---	---	< 0.12	< 0.1	< 0.11	< 0.11	
	11141-16-5	Aroclor 1232	1	---	---	---	< 0.12	< 0.1	< 0.11	< 0.11	
	53469-21-9	Aroclor 1242	1	---	---	---	< 0.12	< 0.1	< 0.11	< 0.11	
	12672-29-6	Aroclor 1248	1	---	---	---	< 0.12	< 0.1	< 0.11	< 0.11	
	11097-69-1	Aroclor 1254	1	---	---	---	< 0.12	< 0.1	< 0.11	< 0.11	
	11096-82-5	Aroclor 1260	1	---	---	---	< 0.12	< 0.1	< 0.11	< 0.11	
INORG	7440-38-2	Arsenic	13.0/11.3	750			14	6.6	6.4	6	
	7440-39-3	Barium	5,500	690,000			37	67	34	38	
	7440-43-9	Cadmium	78	1,800			< 0.85	< 0.68	< 0.63	< 0.69	

13030157Res

Laboratory ID : 13030157-001 13030157-003 13030157-005 13030157-007
 Client Sample ID : SS-1/0-3" SS-2/0-6" SS-3/0-6" SS-4/0-6"
 Date Collected : 03/07/2013 12:40 03/07/2013 13:20 03/07/2013 14:10 03/07/2013 14:40

CAS No.	Analyte	Route Specific Values for Soil		of Groundwater Ingestion Exposure Route						
		Ingestion	Inhalation	Class I	Class II	ADL				
7440-47-3	Chromium	230	270				18	12	11	11
7439-92-1	Lead	400	---				16	81	26	33
7439-97-6	Mercury	23	10 / 0.1*				< 0.025	0.057	< 0.023	0.027
7782-49-2	Selenium	390	---				< 1.7	< 1.4	< 1.3	< 1.4
7440-22-4	Silver	390	---				< 1.7	< 1.4	< 1.3	< 1.4

* - Construction Worker Inhalation Objective from Appendix B, Table B.

Laboratory ID : 13030157-001 13030157-003 13030157-005 13030157-007
 Client Sample ID : SS-1/0-3" SS-2/0-6" SS-3/0-6" SS-4/0-6"
 Date Collected : 03/07/2013 12:40 03/07/2013 13:20 03/07/2013 14:10 03/07/2013 14:40

	CAS No.	Analyte	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion										
			Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	ADL								
BTEX	71-43-2	Benzene	100	1.6	2,300	2.2	0.03	0.17						< 0.0066	< 0.0063	< 0.0059	< 0.0056
	108-88-3	Toluene	410,000	650	410,000	42	12	29						< 0.0066	< 0.0063	< 0.0059	< 0.0056
	100-41-4	Ethylbenzene	200,000	400	20,000	58	13	19						< 0.0066	< 0.0063	< 0.0059	< 0.0056
	1330-20-7	Xylenes, Total	410,000	320	41,000	5.6	150	150						< 0.02	< 0.019	< 0.018	< 0.017
PNA	83-32-9	Acenaphthene	120,000	---	120,000	---	570	2,900						0.13	0.5	0.11	0.17
	208-96-8	Acenaphthylene												0.056	< 0.41	< 0.044	0.052
	120-12-7	Anthracene	610,000	---	610,000	---	12,000	59,000						0.42	1.7	0.26	0.23
	56-55-3	Benz(a)anthracene	8	---	170	---	2	8						1.2	4.1	0.75	0.89
	50-32-8	Benzo(a)pyrene	0.8	---	17	---	8	82						1.1	3.8	0.77	0.91
	205-99-2	Benzo(b)fluoranthene	8	---	170	---	5	25						1.3	4	0.86	0.99
	191-24-2	Benzo(g,h,i)perylene												0.87	2.4	0.62	0.71
	207-08-9	Benzo(k)fluoranthene	78	---	1,700	---	49	250						1.1	2.8	0.68	0.81
	218-01-9	Chrysene	780	---	17,000	---	160	800						1.6	4.3	0.95	1.1
	53-70-3	Dibenz(a,h)anthracene	0.8	---	17	---	2	7.6						0.4	1.3	0.27	0.32
	206-44-0	Fluoranthene	82,000	---	82,000	---	4,300	21,000						3.3	9	2.1	2.5
	86-73-7	Fluorene	82,000	---	82,000	---	560	2,800						0.18	0.65	0.13	0.16
	193-39-5	Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69						0.78	2.3	0.54	0.61
	91-20-3	Naphthalene	41,000	270	4,100	1.8	12	18						< 0.051	< 0.41	< 0.044	< 0.047
	85-01-8	Phenanthrene												1.9	5.1	1.1	0.91
	129-00-0	Pyrene	61,000	---	61,000	---	4,200	21,000						2.5	7.3	1.6	2
PCB	12674-11-2	Aroclor 1016	1	---	1	---	---	---						< 0.12	< 0.1	< 0.11	< 0.11
	11104-28-2	Aroclor 1221	1	---	1	---	---	---						< 0.12	< 0.1	< 0.11	< 0.11
	11141-16-5	Aroclor 1232	1	---	1	---	---	---						< 0.12	< 0.1	< 0.11	< 0.11
	53469-21-9	Aroclor 1242	1	---	1	---	---	---						< 0.12	< 0.1	< 0.11	< 0.11
	12672-29-6	Aroclor 1248	1	---	1	---	---	---						< 0.12	< 0.1	< 0.11	< 0.11
	11097-69-1	Aroclor 1254	1	---	1	---	---	---						< 0.12	< 0.1	< 0.11	< 0.11
	11096-82-5	Aroclor 1260	1	---	1	---	---	---						< 0.12	< 0.1	< 0.11	< 0.11
INORG	7440-38-2	Arsenic	13.0/11.3	1,200	61	25,000								14	6.6	6.4	6
	7440-39-3	Barium	140,000	910,000	14,000	870,000								37	67	34	38
	7440-43-9	Cadmium	2,000	2,800	200	59,000								< 0.85	< 0.68	< 0.63	< 0.69
	7440-47-3	Chromium	6,100	420	4,100	690								18	12	11	11
	7439-92-1	Lead	800	---	700	---								16	81	26	33
	7439-97-6	Mercury	610	16	61	0.1								< 0.025	0.057	< 0.023	0.027
	7782-49-2	Selenium	10,000	---	1,000	---								< 1.7	< 1.4	< 1.3	< 1.4
	7440-22-4	Silver	10,000	---	1,000	---								< 1.7	< 1.4	< 1.3	< 1.4