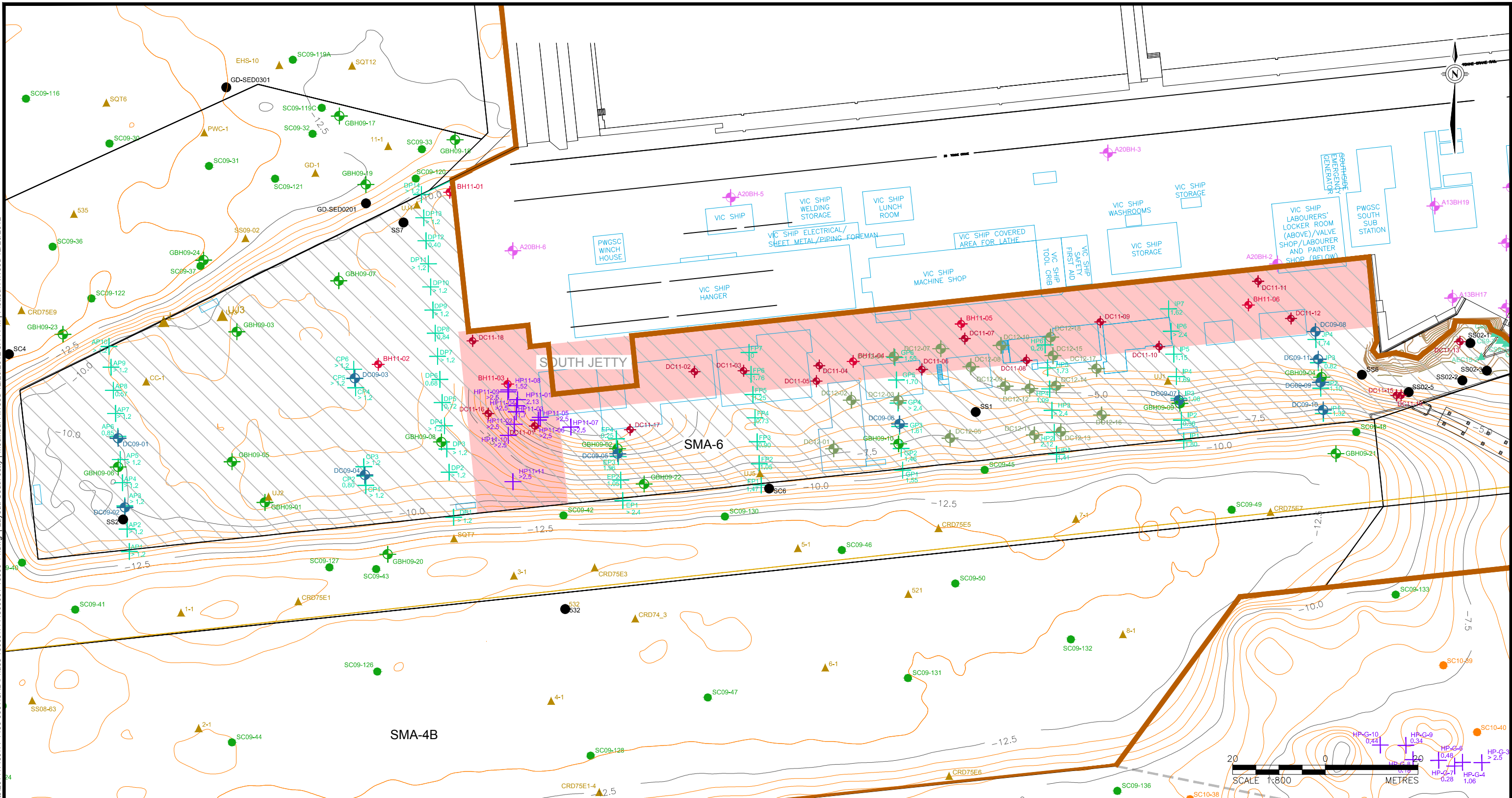


\\golder.gds\gal\Burnaby\CAD-GIS\Bur-Graphics\Projects\2011\1436-0061\CAD\Phase 16000-14.dwg | Layout: South Jetty | Modified: A\Wood 12/20/2012 3:44 PM | Plotted: A\Wood 12/20/2012



#### LEGEND

- |  |                                      |  |   |  |  |
|--|--------------------------------------|--|---|--|--|
|  | Borehole Location - Golder 2009      |  | Hand Probe Location - Golder 2011   |  | Project Area                                       |
|  | Borehole Location - Golder 2010      |  | Sediment Grab Sample Location - Historical  |  | Sediment Management Area (SMA) Boundary            |
|  | Borehole Location - Golder 2011      |  | Sediment Core Sample Location - Historical  |  | EGD Facility (Comprising Waterlot and EGD Uplands) |
|  | Sediment Core Location - Golder 2009 |  | Bathymetric Geodetic Datum Contour - Major (5m intervals)<br>CRA Canada Surveys Inc. (2011)     |  | Location of Timber / Steel Pipe Piled Jetty        |
|  | Sediment Core Location - Golder 2010 |  | Bathymetric Geodetic Datum Contour - Minor (0.5m intervals)<br>CRA Canada Surveys Inc. (2011)   |  | Approximate Extent of Steel Pipe Piles             |
|  | Sediment Core Location - Anchor 2011 |  | Shoreline Geodetic Datum Contour - Major (1m intervals)<br>Focus Corporation (2009 and 2011)    |  |  |
|  | Diver Core Location - Golder 2009    |  | Shoreline Geodetic Datum Contour - Minor (0.25m intervals)<br>Focus Corporation (2009 and 2011) |  |  |
|  | Diver Core Location - Golder 2011    |  |   |  |  |
|  | Diver Core Location - Golder 2012    |  |   |  |  |
|  | Push Probe Location - Golder 2009    |  |   |  |  |

#### REFERENCE

Base map data courtesy of Public Works and Government Services Canada

#### NOTES

- Topographic contours provided by CRA Canada Surveys Inc., shown in GEODETIC datum (0.5m intervals)
- Other contours provided by Focus Corporation, shown in GEODETIC datum (0.25m intervals)
- Number below probe locations represents probe penetration depth in metres below mudline.

PROJECT PUBLIC WORKS AND GOVERNMENT SERVICES CANADA DETAILED SITE INVESTIGATION UPDATE ESQUIMALT GRAVING DOCK WATERLOT, ESQUIMALT, B.C.			
TITLE <b>TEST HOLE LOCATION PLAN SOUTH JETTY</b>			
PROJECT No. 11-1436-0061		FILE No. 1114360061-16000-14	
DESIGN MS	11DEC12	SCALE	AS SHOWN
CADD AMW	18DEC12		
CHECK RSJ	20DEC12		
REVIEW TFW	20DEC12		
		<b>FIGURE 4B</b>	

Table 33.3: Results of Sediment Analyses Compared to CSR Soil Standards - Organics

DSI Update  
PWGSC Esquimalt Graving Dock  
Esquimalt, BC

Area Sample Location Study UTM Easting UTM Northing Sample Control Number Depth Interval below mudline (m) Estimated In-situ Depth Interval (m) <sup>4</sup> Date Sampled Sample Type QA/QC <sup>5</sup>	CSR <sup>2</sup> Soil Residential Land Use (RL)	CSR <sup>2</sup> Soil Commercial Land Use (CL)	CSR <sup>2</sup> Soil Industrial Land Use (IL)	BC Hazardous Waste Regulation <sup>3</sup>	SMA-6													
					DC11-11 Golder 2011b 468554.5 5364840.7 0614-07 0 - 0.18 -	DC11-11 Golder 2011b 468554.5 5364840.7 0614-08 <sup>†</sup> 0.2 - 0.46 -	DC11-12 Golder 2011b 468561.6 5364832.7 0614-04 0 - 0.2 -	DC11-12 Golder 2011b 468561.6 5364832.7 0614-06 <sup>†</sup> 0.4 - 0.57 -	DC11-13 Golder 2011b 468598.0 5364827.7 0614-01 0 - 0.2 -	DC11-14 Golder 2011b 468610.0 5364822.6 0614-02 0 - 0.2 -	DC11-15 Golder 2011b 468584.3 5364816.1 0614-03 0 - 0.24 -	DC11-16 Golder 2011b 468388.4 5364812.2 0596-01 0 - 0.2 -	DC11-17 Golder 2011b 468419.0 5364808.7 0616-11 0 - 0.2 -	DC11-18 Golder 2011b 468385.0 5364827.9 0616-12 0 - 0.2 -	DC11-19 Golder 2011b 468585.3 5364816.1 0614-12 0 - 0.2 -	DC11-19 Golder 2011b 468585.3 5364816.1 0615-01 <sup>†</sup> 0.3 - 0.4 -		
					18-Oct-2011	18-Oct-2011	18-Oct-2011	18-Oct-2011	18-Oct-2011	18-Oct-2011	18-Oct-2011	19-Oct-2011	19-Oct-2011	19-Oct-2011	19-Oct-2011	19-Oct-2011	19-Oct-2011	
					Core Disc	Core Disc	Core Disc	Core Disc	Grab Disc	Grab Disc	Core Disc	Grab Disc	Grab Disc	Grab Disc	Core Disc	Core Disc		
					FD (0614-11)													
Physical Parameters																		
moisture (%)					24.6	19.2	42.8	30.3	07.1	22.0	19.7	23.3	35.4	21.6	26.2	24.2		
Extractable Hydrocarbons <sup>6,7</sup>																		
EPHC <sub>10-19</sub>	1000	2000	2000		320	<200	290	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
EPHC <sub>19-32</sub>	1000	5000	5000		1,340	<200	1,530	230	<200	490	<200	380	1,070	500	340	<200	<200	<200
LEPH	1000	2000	2000		270	<200	270	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
HEPH	1000	5000	5000		1,220	<200	1,420	220	<200	440	<200	330	960	440	320	<200	<200	<200
EPHC <sub>10-19</sub> + EPHC <sub>19-32</sub>				30,000	1,660	200	1,820	330	200	590	200	480	1,170	600	440	200		
LEPH + HEPH				30,000	1,490	200	1,690	320	200	540	200	430	1,060	540	420	200		
Polycyclic Aromatic Hydrocarbons																		
acenaphthene					6.32	0.0165	1.94	0.279	0.039	0.812	0.0464	0.442	0.54	0.487	0.328	<0.0050		
acenaphthylene					0.951	0.0231	0.644	0.0525	0.169	0.962	0.186	2.17	3.61	3.65	0.336	0.0113		
anthracene					11.7	0.0749	4.48	0.700	0.274	3.42	0.517	3.33	5.47	3.79	0.919	0.0333		
benzo(a)anthracene	1	10	10		20.6	0.181	14.7	1.32	0.754	7.84	1.01	8.08	16.9	9.87	2.24	0.043		
benzo(a)pyrene	1	10	10		18.5	0.141	16.9	1.31	1.04	6.77	1.18	7.83	18	9.35	2.7	0.033		
benzo(b)fluoranthene	1	10	10		20.3	0.199	19.6	1.72	1.89	7.97	2.23	9.85	24.1	12.1	4.24	0.048		
benzo(b+j+k)fluoranthene	1	10	10		28.9	0.272	27.1	2.39	2.44	11.6	2.97	13.3	33.2	16.2	5.79	0.067		
benzo(g,h,i)perylene					11.9	0.097	11.1	0.897	0.706	5.12	0.527	4.19	11.2	6.16	1.42	0.018		
benzo(k)fluoranthene	1	10	10		8.65	0.073	7.54	0.674	0.548	3.66	0.744	3.41	9.11	4.11	1.56	0.019		
chrysene					21.6	0.177	16.4	1.31	0.885	8.15	1.12	8.56	18	10.1	3.26	0.049		
dibenz(a,h)anthracene	1	10	10		2.6	0.0210	2.23	0.186	0.204	1.41	0.175	1.07	2.91	1.45	0.407	<0.0050		
fluoranthene					42.9	0.359	30.1	2.83	1.28	16.6	1.98	16.1	27.6	20.1	6.02	0.105		
fluorene					6.33	0.027	1.72	0.276	0.06	1.18	0.105	0.952	1.49	1.11	0.334	0.016		
indeno(1,2,3-c,d)pyrene	1	10	10		11.7	0.114	10.4	1.00	0.874	4.48	0.735	5.21	13.1	6.67	1.61	0.018		
2-methylnaphthalene					2.16	0.016	0.422	0.035	0.024	0.183	0.027	0.205	0.325	0.341	0.118	0.023		
naphthalene	5	50	50		3.41	0.020	0.57	0.056	0.03	0.175	0.035	0.31	0.549	0.59	0.249	0.111		
phenanthrene	5	50	50		51	0.229	22.2	2.14	0.789	13	1.07	11.3	13.5	12.7	4.12	0.124		
pyrene	10	100	100		42.8	0.380	39.4	3.19	1.34	15.6	2.13	15.7	27.7	20.6	5.49	0.126		
total PAHs <sup>8</sup>					230.87	1.67	151.71	13.68	6.89	76.10	9.58	76.05	136.59	94.14	26.52	0.68		
PAH TEQ <sup>9</sup>				100	28.66	0.23	25.62	2.09	1.76	11.16	1.92	12.18	28.83	14.89	4.27	0.05		

Notes:

1. Results are expressed in micrograms per gram (µg/g), unless otherwise indicated.

2. BC Contaminated Sites Regulation (CSR) (BC Reg. 375/96, O.C. 1480/96 and M271/2004, including amendments up to BC Reg. 97/2011, May 31, 2011). Guidelines listed are for soil.

Land Use abbreviations: RL (Residential Land); CL (Commercial Land); IL (Industrial Land)

Referenced site-specific factors include: I = Intake of Contaminated Soil; T = Toxicity to Invertebrates and Plants; AW = Groundwater Flow to Surface Water used by Aquatic Life, F = Fresh Water Aquatic Life and M = Marine Aquatic Life.

3. Hazardous waste level concentrations shown are from the BC Hazardous Waste Regulation (HWR) (BC Reg 63/88, O.C. 268/88, including amendments up to BC Reg 63/2009, April 1, 2009). Waste is considered hazardous if the concentration of waste oil is exceeds 3% by weight as shown in the HWR. Therefore, the sum of LEPH and HEPH is shown for comparison purposes only.

4. Calculated estimated *in situ* depths based on initial percent recovery.

5. QA/QC = Quality Assurance/Quality Control; FD = Field Duplicate. Relative Percent Differences (RPDs) and Difference Factors (DFs) have been calculated for duplicate samples and are presented in QA/QC tables.

6. EPH = Extractable Petroleum Hydrocarbons; LEPH = Light Extractable Petroleum Hydrocarbons; HEPH = Heavy Extractable Petroleum Hydrocarbons

7. No standards exist for EPHC10-19 or EPHC10-19, for a conservative estimate use values for LEPH and HEPH.

8. Total PAH calculation includes the sum of 13 of 18 PAHs analyzed (CSR Schedule 9). When a constituent concentration was less than detection limits, half the detection limit was used in the calculation as a conservative estimate.

9. TEQ = Toxicity Equivalency Quotient, calculated by summing the product of select PAH concentrations and their respective Toxicity Equivalency Factors (TEFs) as follows: PAH TEQ = [BaA] 0.1+[BaP] 1+[BbF] 0.1+[BkF] 0.1+[D(a,h)A] 1.1+[I(1,2,3-cd)P] 0.2, where the value in the square brackets is the PAH constituent concentration (in µg/g).

When a constituent concentration was less than the laboratory detection limit, half the detection limit was used in summation calculations as a conservative estimate.

\* Indicates instances where laboratory detection limits were greater than the applicable standards and/or guidelines.

- Denotes sample not analyzed

‡ - At the time of scheduled analysis, sample had exceeded laboratory hold time. Refer to Golder DSI (2012) for further discussion.

Table 33.5: Results of Sediment Analyses Compared to CSR Soil Standards - PCBs  
DSI Update  
PWGSC Esquimalt Graving Dock  
Esquimalt, BC

Area Sample Location Study UTM Easting UTM Northing Sample Control Number Depth Interval below mudline (m) Estimated In-situ Depth Interval (m) <sup>4</sup> Date Sampled Sample Type QA/QC <sup>5</sup>					DC11-10 Golder 2011b 468533.1 5364826.6 0615-02 0 - 0.2 -	DC11-11 Golder 2011b 468554.5 5364840.7 0614-07 0 - 0.18 -	DC11-12 Golder 2011b 468561.6 5364832.7 0614-04 0 - 0.2 -	DC11-13 Golder 2011b 468598.0 5364827.7 0614-01 0 - 0.2 -	DC11-14 Golder 2011b 468610.0 5364822.6 0614-02 0 - 0.2 -	DC11-15 Golder 2011b 468584.3 5364816.1 0614-03 0 - 0.24 -	SMA-6 DC11-16 Golder 2011b 468388.4 5364812.2 0596-01 0 - 0.2 -	DC11-19 Golder 2011b 468585.3 5364816.1 0614-12 0 - 0.2 -	DC12-06 Golder 2012 468487.0 5364816.8 0436-03 0 - 0.2 -	DC12-07 Golder 2012 468486.0 5364826.2 0436-06 0 - 0.2 -	DC12-10 Golder 2012 468499.0 5364826.9 0436-12 0 - 0.14 -	DC12-15 Golder 2012 468510.2 5364824.7 0438-03 0.2 - 0.4 -	DC12-16 Golder 2012 468520.7 5364811.9 0438-07 0 - 0.3 -		
	CSR <sup>2</sup> Soil Residential Land Use (RL)	CSR <sup>2</sup> Soil Commercial Land Use (CL)	CSR <sup>2</sup> Soil Industrial Land Use (IL)	BC Hazardous Waste Regulation <sup>3</sup>	19-Oct-2011 Core Disc	18-Oct-2011 Core Disc	18-Oct-2011 Core Disc	18-Oct-2011 Grab Disc	18-Oct-2011 Grab Disc	18-Oct-2011 Core Disc	19-Oct-2011 Grab Disc	19-Oct-2011 Core Disc	03-Jul-2012 Core Disc	03-Jul-2012 Core Disc	03-Jul-2012 Core Disc	03-Jul-2012 Core Disc	04-Jul-2012 Core Disc	04-Jul-2012 Core Disc	
	FD (0614-11)																	FD (0438-08)	
	Polychlorinated Biphenyls																		
	PCB-1016					<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
PCB-1221					<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	
PCB-1232					<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	
PCB-1242					<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.20	0.048	0.250	1.61	<0.040	0.095		
PCB-1248					<0.040	<0.040	<0.040	0.129	0.781	<0.040	<0.040	<0.20	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	
PCB-1254 (arochlor)					2.42	0.725	1.94	0.238	<0.040	1.05	1.38	0.946	0.386	4.93	4.72	<0.4	0.695		
PCB-1260					0.513	0.103	0.361	<0.040	<0.040	0.336	0.37	0.206	0.155	0.744	3.19	0.050	0.282		
PCB-1262					<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	
PCB-1268					<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	
polychlorinated biphenyls (PCB-total) <sup>6</sup>	5	I	50	T	50									5.93	9.52	0.432	1.07		

Notes:  
1. Results are expressed in micrograms per gram (µg/g), unless otherwise indicated.  
2. BC Contaminated Sites Regulation (CSR) (BC Reg. 375/96, O.C. 1480/96 and M271/2004, including amendments up to BC Reg. 97/2011, May 31, 2011). Guidelines listed are for soil.  
Land Use abbreviations: RL (Residential Land); CL (Commercial Land); IL (Industrial Land)  
Referenced site-specific factors include: I = Intake of Contaminated Soil; T = Toxicity to Invertebrates and Plants; AW = Groundwater Flow to Surface Water used by Aquatic Life, F = Fresh Water Aquatic Life and M = Marine Aquatic Life.  
3. The hazardous waste level concentration shown is from the BC Hazardous Waste Regulation (HWR) (BC Reg 63/88, O.C. 268/88, including amendments up to BC Reg 63/2009, April 1, 2009).  
4. Calculated estimated *in situ* depths based on initial percent recovery.  
5. QA/QC = Quality Assurance/Quality Control; FD = Field Duplicate. Relative Percent Differences (RPDs) and Difference Factors (DFs) have been calculated for duplicate samples and are presented in QA/QC tables.  
6. PCB-total calculation includes the sum of four to seven arochlor mixtures (1016, 1221, 1232, 1242, 1248, 1254 and/or 1260) (CSR Schedule 9).

**Table 33.6: Results of Sediment Analyses Compared to CSR Soil Standards - Metals**

**DSI Update**  
**PWGSC Esquimalt Graving Dock**  
**Esquimalt, BC**

Area Sample Location Study UTM Easting UTM Northing Sample Control Number Depth Interval below mudline (m) Estimated In-situ Depth Interval (m) <sup>3</sup> Date Sampled Sample Type	CSR <sup>2</sup> Soil Residential Land Use (RL)	CSR <sup>2</sup> Soil Commercial Land Use (CL)	CSR <sup>2</sup> Soil Industrial Land Use (IL)	SMA-6																		
				DC11-11 Golder 2011b 468554.5 5364840.7 0614-07 0 - 0.18 - 18-Oct-2011 Core Disc	DC11-11 Golder 2011b 468554.5 5364840.7 0614-08 0.2 - 0.46 - 18-Oct-2011 Core Disc	DC11-12 Golder 2011b 468561.6 5364832.7 0614-04 0 - 0.2 - 18-Oct-2011 Core Disc	DC11-12 Golder 2011b 468561.6 5364832.7 0614-06 0.4 - 0.57 - 18-Oct-2011 Core Disc	DC11-13 Golder 2011b 468598.0 5364827.7 0614-01 0 - 0.2 - 18-Oct-2011 Grab Disc	DC11-14 Golder 2011b 468610.0 5364822.6 0614-02 0 - 0.2 - 18-Oct-2011 Grab Disc	DC11-15 Golder 2011b 468584.3 5364816.1 0596-01 0 - 0.24 - 18-Oct-2011 Core Disc	DC11-16 Golder 2011b 468388.4 5364812.2 0596-01 0 - 0.2 - 19-Oct-2011 Grab Disc	DC11-19 Golder 2011b 468585.3 5364816.1 0614-12 0.3 - 0.4 - 19-Oct-2011 Core Disc	DC11-19 Golder 2011b 468585.3 5364816.1 0615-01 0.3 - 0.4 - 19-Oct-2011 Core Disc	DC12-06 Golder 2012 468487.0 5364816.8 03-Jul-2012 Core Disc	DC12-07 Golder 2012 468486.0 5364826.2 03-Jul-2012 Core Disc	DC12-10 Golder 2012 468499.0 5364826.9 03-Jul-2012 Core Disc	DC12-15 Golder 2012 468510.2 5364824.7 04-Jul-2012 Core Disc	DC12-15 Golder 2012 468510.2 5364824.7 04-Jul-2012 Core Disc	DC12-16 Golder 2012 468520.7 5364811.9 04-Jul-2012 Core Disc			
				FD (0614-11)														FD (0438-08)				
QA/QC <sup>4</sup>																						
Physical Parameters																						
moisture (%)																						
pH (pH units)																						
Total Metals																						
antimony	20	F	40	F	40	F	9.04	0.88	24.5	9.17	13.8	64.3	79.5	102	50.4	0.41	3.46	417	7.92	2.89	4.48	16.9
arsenic	20	T	20	T	20	T	60.9	9.82	58.5	7.86	54.9	239	129	199	85.5	6.24	14.6	833	16.0	8.32	20.2	29.7
barium	1000		1500		1500		462	71.4	171	73.5	86.1	227	100	166	150	83.7	124	254	113	146	197	169
beryllium	4		8		8		<0.20	0.34	0.27	0.31	0.2	0.27	0.26	0.54	0.21	0.45	0.26	0.46	<0.20	<0.20	0.28	0.23
cadmium	2-35	F/M/L, pH	2-100	F/L, pH	2-150	F, pH	0.303	0.232	0.773	0.688	0.379	1.6	0.475	0.462	0.558	0.177	1.62	1.90	0.718	1.17	1.59	2.43
chromium (total)	60 <sup>IV</sup> , 65 <sup>III</sup>	V	60 <sup>IV</sup> , 65 <sup>III</sup>	V	60 <sup>IV</sup> , 65 <sup>III</sup>	V	35.8	39.0	53.3	33.1	42.8	77	38.2	50.5	34.8	44.7	37.1	75.5	59.0	23.4	25.9	49.2
cobalt	50		300		300		9.7	14.1	10.3	10.5	9.65	14.2	14.6	19.4	9.72	16.0	6.36	41.3	5.87	6.60	9.30	7.81
copper	90-150	T/AW, pH	90-250	T/AW, pH	90-250	T/AW, pH	661	110	487	95.4	544	956	277	550	267	57.3	281	1200	397	165	223	315
lead	150-500	AW/L, pH	150-1000	AW/L, pH	150-2000	AW/L, pH	681	73.3	338	49.8	219	566	226	326	488	9.58	156	1380	436	317	610	237
mercury	15	I	40	I	150	I	96.7	4.83	40.8	6.35	9.35	27.6	2.59	2.84	5.5	0.207	4.17	17.4	8.57	29.9	36.2	6.70
molybdenum	10		40		40		2.78	0.70	5.61	1.53	3.12	13.5	12.6	17.9	7.05	<0.50	6.56	46.0	3.27	3.07	3.89	10.0
nickel	100		500		500		23.7	34.3	31.9	27.8	23.7	40	26.6	29.8	22.8	38.2	21.2	30.6	15.3	15.6	22.5	25.6
selenium	3		10		10		0.29	<0.20	0.51	0.32	<0.20	0.23	0.26	0.31	0.3	<0.20	1.18	0.72	0.24	0.30	0.37	1.36
silver	20		40		40		0.59	0.12	1.93	0.26	0.11	0.37	0.36	0.39	0.47	0.13	0.92	1.78	1.10	5.40	3.87	4.47
thallium							0.078	0.085	0.152	0.152	<0.050	0.16	0.096	0.087	0.09	0.060	0.286	0.367	0.081	0.127	0.154	0.333
tin	50		300		300		14.1	2.2	24	3.5	9	23.7	14.8	26.5	11.8	<2.0	11.7	189	8.0	49.5	47.9	19.0
uranium	16	S	200	S	200	S	0.59	0.519	1.21	0.881	0.718	2.33	0.937	0.972	1.03	0.430	2.11	2.02	0.818	0.911	1.20	2.79
vanadium	200						60.8	83.8	69.1	69.6	61.9	62.5	73.7	79.6	62.9	94.7	58.5	63.9	35.8	40.3	50.7	78.4
zinc	150-450	F/M/T, pH	150-600	F/M/T, pH	150-600	F/M/T, pH	685	127	518	100	524	1840	674	922	454	73.8	287	2840	415	511	1110	412

Notes:

1. Results are expressed in micrograms per gram ( $\mu\text{g/g}$ ), unless otherwise indicated.

2. BC Contaminated Sites Regulation (CSR) (BC Reg. 375/96, O.C. 1480/96 and M271/2004, including amendments up to BC Reg. 97/2011, May 31, 2011). Guidelines listed are for soil.

Land Use abbreviations: RL (Residential Land); CL (Commercial Land); IL (Industrial Land)

S = Schedule 10; pH = standard is pH dependent; V = standard is valence dependent

Referenced site-specific factors include: I = Intake of Contaminated Soil; T = Toxicity to Invertebrates and Plants; AW = Groundwater Flow to Surface Water used by Aquatic Life, F = Fresh Water Aquatic Life and M = Marine Aquatic Life.

3. Calculated estimated *in situ* depths based on initial percent recovery

4. QA/QC = Quality Assurance/Quality Control; FD = Field Duplicate. Relative Percent Differences (RPDs) and Difference Factors (DFs) have been calculated for duplicate samples and are presented in QA/QC tables.

\* Indicates instances where laboratory detection limits were greater than the applicable standards and/or guidelines.

‡ - At the time of scheduled analysis, sample had exceeded laboratory hold time for mercury and/or moisture content analysis. Refer to Golder DSI (2012) for discussion.



										Misc. Parameters		PHCs & MTBE																							
										% <75um	% >75um	Benzene	Ethylbenzene	Toluene	Xylene (e)	Xylene (m & p)	Xylene Total	MTBE	Syrene	VH C6-C10	VPHs	EPH C10-C19	EPH C19-C32	LEPHs	HEPHs	F1 (C6-C10)	F1-BTEX (C6-C10 - BTEX)	F2 (C10-C16)	F2-NAPHTHALENE	F3 (C16-C34)	F3-PAH	F4 (C34-C50)			
										%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
CCME CWS PHC, Industrial (Course Soil)										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	240	260	1700	3300						
CCME CWS PHC, Industrial (Fine Soil)										-	-	0.0068	0.018	0.08	-	-	-	-	-	-	-	-	-	-	170	230	2500	6600							
CSQG Industrial Use										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CSQG Interim Rem IL Use										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CSQGe IL Interim SQGe										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CSQGe IL Provisional SQGe										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CSQGe IL Soil Contact										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CSQGe IL Soil/Food Ingestion										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CSQGe IL SQGe										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CSR Sch10 CL, IL										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CSR Sch4 IL										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CSR Sch5 (Intake of Soil, IL)										-	-	6500	700000	550000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CSR Sch5 (Tox soil invertebrates, IL)										-	-	150	20	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

Location	Sample ID	Date	Site ID	AEC #	Study ID	Depth (m)	Matrix Type	Description	Sample Type	Sample Comments																									
A13BH17	DA13BH17-1	9/10/2009	FCSI 6	AEC13 58		0.15-0.76	soil	Surface	Normal	A13BH17	-	-	12	-	7.695	-	-	-	-	-	-	-	-	-	-	-	143	2506	139	2488	-	-	-	-	-
A13BH17	A13BH17-12	9/10/2009	FCSI 6	AEC13 58		11.3-11.9	soil	Subsurface	Normal	A13BH17	-	-	16	-	-	-	<0.005	<0.01	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<100	<100	<100	-	<10	<10	-	<10	
A13BH17	A13BH17-3	9/10/2009	FCSI 6	AEC13 58		0.91-1.37	soil	Surface	Normal	A13BH17	-	-	7.2	-	9.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
A13BH17	A13BH17-4	9/10/2009	FCSI 6	AEC13 58		2.13-2.74	soil	Subsurface	Normal	A13BH17	-	-	19	-	7.8	-	<0.005	<0.01	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<100	<100	<100	-	<10	<10	-	<10	
A13BH17	A13BH17-9	9/10/2009	FCSI 6	AEC13 58		7.62-8.23	soil	Subsurface	Normal	A13BH17	-	-	16	-	-	-	0.006	<0.01	<0.03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	279	1120	-	<10	<10	-	-	-	
A13BH19	A13BH19-1	9/18/2009	FCSI 6	AEC13 58		2.4-2.7	soil	Subsurface	Normal	A13BH19	-	-	10	31	9.1	24.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
A13BH19	A13BH19-2	9/18/2009	FCSI 6	AEC13 58		4.6-5.5	soil	Subsurface	Normal	A13BH19	-	-	13	-	8.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
A13BH19	A13BH19-3	9/18/2009	FCSI 6	AEC13 58		8.2-8.8	soil	Subsurface	Normal	A13BH19	-	-	18	-	8.01	-	<0.005	<0.01	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<100	<100	<100	-	<10	<10	-	<10	
A13BH19	A13BH19-4	9/18/2009	FCSI 6	AEC13 58		9.8-10.5	soil	Subsurface	Normal	A13BH19	-	-	17	-	8.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
A13BH19	A13BH19-5	9/18/2009	FCSI 6	AEC13 58		12.8-13.7	soil	Subsurface	Normal	A13BH19	-	-	-	-	8.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
A13BH21	DA13BH21-1	9/28/2009	FCSI 6	AEC13 58		0.08-0.76	soil	Surface	Normal	A13BH21	-	-	13	-	7.9	-	0.011	<0.01	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<100	345	<100	343	-	<10	<10	-	290	<230
A13MW18	DA13BH18-1	9/10/2009	FCSI 6	AEC13 58		0.81-0.91	soil	Surface	Normal	A13BH18	-	-	7.7	26	8.47	8.1	-	<0.005	<0.																

										PAHs																															
										MINERAL OL & GREASE	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(b+K)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	LIGHT MOLECULAR WT. PAH SUM		HEAVY MOLECULAR WT. PAH SUM		PAHs (Sum of total)		B(a)P Total Potency Equivalent	B(a)P TPE (Calculated)	IACR (CCME)				
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
CCME CWS PHC, Industrial (Course Soil)																																									
CCME CWS PHC, Industrial (Fine Soil)																																									
CSQG Industrial Use																																									
CSQG Interim Rem IL Use																																									
CSQGe IL Interim SQGe																																									
CSQGe IL Provisional SQGe																																									
CSQGe IL Soil Contact																																									
CSQGe IL Soil/Food Ingestion																																									
CSQGe IL SQGe																																									
CSR Sch10 CL, IL																																									
CSR Sch4 IL																																									
CSR Sch5 (Intake of Soil, IL)																																									
CSR Sch5 (Tox soil invert/plants, IL)																																									
Location	Sample ID	Date	Site ID	AEC #	Study ID	Depth (m)	Matrix Type	Description	Sample Type	Sample Comments																															
A13BH17	DA13BH17-1	9/10/2009	FCSI-6	AEC13-58		0.15-0.76	soil	Surface	Normal	A13BH17	-	0.1	0.135	0.765	0.91	2.5	3.1	3.75	-	2.3	1.3	2.75	0.51	5.6	0.24	2.45	0.165	2.85	5.55	5.2	29.5	35	-	4.6605	-						
A13BH17	DA13BH17-12	9/10/2009	FCSI-6	AEC13-58		11.3-11.9	soil	Subsurface	Normal	A13BH17	-	<0.01	<0.01	0.01	0.02	0.04	0.04	0.05	-	0.03	0.02	0.03	<0.02	0.09	<0.01	0.03	<0.01	0.04	0.08	0.07	0.42	0.49	-	0.0746	-						
A13BH17	A13BH17-3	9/10/2009	FCSI-6	AEC13-58		0.91-1.37	soil	Surface	Normal	A13BH17	-	2.3	6.8	52	86	210	230	240	-	120	93	290	30	470	12	140	3.2	230	450	390	2200	2600	-			5.3					
A13BH17	A13BH17-4	9/10/2009	FCSI-6	AEC13-58		2.13-2.74	soil	Subsurface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13BH17	A13BH17-9	9/10/2009	FCSI-6	AEC13-58		7.62-8.23	soil	Subsurface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13BH19	A13BH19-1	9/18/2009	FCSI-6	AEC13-58		2.4-2.7	soil	Subsurface	Normal	A13BH19	-	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	0.04	<0.01	0.02	<0.02	0.01	<0.01	<0.02	<0.01	0.03	0.02	0.05	0.1	0.14	-	0.0356	-						
A13BH19	A13BH19-2	9/18/2009	FCSI-6	AEC13-58		4.6-5.5	soil	Subsurface	Normal	A13BH19	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.02	-	<0.0353	-					
A13BH19	A13BH19-3	9/18/2009	FCSI-6	AEC13-58		8.2-8.8	soil	Subsurface	Normal	A13BH19	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	0.01	<0.01	0.01	<0.02	<0.02	-	<0.0353	-						
A13BH19	A13BH19-4	9/18/2009	FCSI-6	AEC13-58		9.8-10.5	soil	Subsurface	Normal	A13BH19	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.02	-	<0.0353	-							
A13BH19	A13BH19-5	9/18/2009	FCSI-6	AEC13-58		12.8-13.7																																			

												Metals																								
												ACR (Calculated)	Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chloride	Chromium (hexavalent)	Chromium (III+V)	Chromium (trivalent)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CCME CWS PHC, Industrial (Course Soil)																																				
CCME CWS PHC, Industrial (Fine Soil)																																				
CSQG Industrial Use																																				
CSQG Interim Rem IL Use																																				
CSQGe IL Interim SQGe														40	12	2000		8			22		1.4	87		300	91		600			50		40	50	
CSQGe IL Provisional SQGe																																				
CSQGe IL Soil Contact																																				
CSQGe IL Soil/Food Ingestion																																				
CSQGe IL SQGe																																				
CSR Sch10 CL, IL																																				
CSR Sch4 IL														40			8									300				20000		19000				
CSR Sch5 (Intake of Soil, IL)																				3500		1000000	20000									2000		40	500	
CSR Sch5 (Tox soil invent/plants, IL)															300	100	1500				500		1000000	2500	700		200000	250		4000			150			
Location	Sample ID	Date	Site ID	AEC #	Study ID	Depth (m)	Matrix Type	Description	Sample Type	Sample Comments																										
A13BH17	DA13BH17-1	9/10/2009	FCSI 6	AEC13	58	0.15-0.76	soil	Surface	Normal	A13BH17	52.29	16,350	62.85	120.6	172	0.35	0.25	-	0.795	11295	-	-	51	-	17.45	399	33,700	301	9.5	7560	470	1,955	9.9	34.95	530	
A13BH17	A13BH17-12	9/10/2009	FCSI 6	AEC13	58	11.3-11.9	soil	Subsurface	Normal	A13BH17	0.7836	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
A13BH17	A13BH17-3	9/10/2009	FCSI 6	AEC13	58	0.91-1.37	soil	Surface	Normal	A13BH17	3634	24,200	2.1	5.4	41.3	0.3	<0.1	-	0.24	18,900	-	-	56	-	20.9	204	45,800	165	9	15,600	630	2.33	0.5	40.1	635	
A13BH17	A13BH17-4	9/10/2009	FCSI 6	AEC13	58	2.13-2.74	soil	Subsurface	Normal	A13BH17	-	23,400	0.4	5.8	69.1	0.4	<0.1	-	0.13	7590	-	-	42	-	15.1	54.7	35,800	6.3	21	13,200	611	0.11	0.5	39.1	728	
A13BH17	A13BH17-9	9/10/2009	FCSI 6	AEC13	58	7.62-8.23	soil	Subsurface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
A13BH19	A13BH19-1	9/18/2009	FCSI 6	AEC13	58	2.4-2.7	soil	Subsurface	Normal	A13BH19	0.2921	16,800	4	8	25.3	0.3	<0.1	-	0.14	24,900	293	-	36	-	12.9	58.3	30,600	9.5	10	10,300	371	0.18	1.2	32.9	675	
A13BH19	A13BH19-2	9/18/2009	FCSI 6	AEC13	58	4.6-5.5	soil	Subsurface	Normal	A13BH19	<0.2844	20,800	<0.1	1.1	8.1	<0.1	<0.1	-	<0.05	10,800	-	-	59	-	17.9	75.6	34,400	1.5	6	16,000	475	<0.05	0.3	41.1	407	
A13BH19	A13BH19-3	9/18/2009	FCSI 6	AEC13	58	8.2-8.8	soil	Subsurface	Normal	A13BH19	<0.2844	21,700	0.2	4.5	75.5	0.4	<0.1	-	0.09	20,600	-	-	42	-	15.4	76.7	35,400	11.7	18	9470	492	<0.05	0.4	36.7	1010	
A13BH19	A13BH19-4	9/18/2009	FCSI 6	AEC13	58	9.8-10.5	soil	Subsurface	Normal	A13BH19	<0.2844	11,400	0.1	4.6	22.2	0.2	<0.1	-	0.17	6310	-	-	21	-	8	27.9	20,800	2.6	11	5850	230	<0.05	0.8	19.3	468	
A13BH19	A13BH19-5	9/18/2009	FCSI 6	AEC13	58	12.8-13.7	soil	Subsurface	Normal	A13BH19	-	21,800	0.2	4.3	53.8	0.4	<0.1	-	0.1	8090	-	-	37	-	14.6	52.9	35,400	4.9	20	11,800	510	<0.05	0.3	37.7	676	
A13BH21	DA13BH21-1	9/28/2009	FCSI 6	AEC13	58	0.08-0.76	soil	Surface	Normal	A13BH21	2.777	18,850	0.6																							



										Potassium	Selenium	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Uranium	Vanadium	Zinc	Zirconium	1,1,2-trichloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1-dichloroethane	1,1-dichloroethane			
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
CCME CWS PHC, Industrial (Course Soil)										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CCME CWS PHC, Industrial (Fine Soil)										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CSQG Industrial Use										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSQG Interim Rem.IL Use										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSQGe IL Interim SQGe										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSQGe IL Provisional SQGe										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSQGe IL Soil Contact										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSQGe IL Soil/Food Ingestion										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSQGe IL SQGe										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSR Sch10 CL, IL										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSR Sch4 IL										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSR Sch5 (Intake of Soil, IL)										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CSR Sch5 (Tox soil invent/plants, IL)										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
										1000000	1000										1000000	600							
Location	Sample ID	Date	Site ID	AEC #	Study ID	Depth (m)	Matrix Type	Description	Sample Type	Sample Comments																			
A13BH17	DA13BH17-1	9/10/2009	FCSI 6	AEC13	58	0.15-0.76	soil	Surface	Normal	A13BH17	873	<0.5	0.26	411	57.3	0.075	17.05	1060	0.545	89.5	719	2.35	-	-	-	-			
A13BH17	A13BH17-12	9/10/2009	FCSI 6	AEC13	58	11.3-11.9	soil	Subsurface	Normal	A13BH17	605	<0.5	0.11	720	102	<0.05	4.2	1940	0.21	111	150	1.9	-	-	-	-			
A13BH17	A13BH17-3	9/10/2009	FCSI 6	AEC13	58	0.91-1.37	soil	Surface	Normal	A13BH17	2470	<0.5	0.1	4550	43.7	0.06	0.7	1250	0.3	85	72	3.6	-	-	-	-			
A13BH17	A13BH17-9	9/10/2009	FCSI 6	AEC13	58	7.62-8.23	soil	Subsurface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-	-	<0.03	<0.03	<0.03	<0.03	<0.03			
A13BH19	A13BH19-1	9/18/2009	FCSI 6	AEC13	58	2.4-2.7	soil	Subsurface	Normal	A13BH19	633	<0.5	0.09	888	112	<0.05	0.8	1300	0.25	92	75	1.5	-	-	-	-			
A13BH19	A13BH19-2	9/18/2009	FCSI 6	AEC13	58	4.6-5.5	soil	Subsurface	Normal	A13BH19	290	<0.5	<0.05	1360	34.6	<0.05	0.3	1030	0.09	93	51	0.5	-	-	-	-			
A13BH19	A13BH19-3	9/18/2009	FCSI 6	AEC13	58	8.2-8.8	soil	Subsurface	Normal	A13BH19	1930	<0.5	0.09	4420	93.7	<0.05	0.4	1090	0.25	85	65	3.3	-	-	-	-			
A13BH19	A13BH19-4	9/18/2009	FCSI 6	AEC13	58	9.8-10.5	soil	Subsurface	Normal	A13BH19	1150	<0.5	0.07	2490	35.5	0.08	0.2	757	0.38	49	37	3.2	-	-	-	-			
A13BH19	A13BH19-5	9/18/2009	FCSI 6	AEC13	58	12.8-13.7	soil	Subsurface	Normal	A13BH19	2010	<0.5	0.1	3390	39.8	0.06	0.4	1090	0.4	76	72	3.4	-	-	-	-			
A13BH21	DA13BH21-1	9/28/2009	FCSI 6	AEC13	58	0.08-0.76	soil	Surface	Normal	A13BH21	917	<0.5	0.105	399	73.65	0.06	1.95	1065	0.42	91	99.5	0.8	-	-	-	-			
A13MW18	DA13BH18-1	9/10/2009	FCSI 6	AEC13	58	0.61-0.91	soil	Surface	Normal	A13BH18	731	<0.5	0.29	641	59.7	0.07	11.9	811	0.51	75	463	1.9	-	-	-	-			
A13MW18	A13BH18-1	9/15/2009	FCSI 6	AEC13	58	10.7-11.1	soil	Subsurface	Normal	A13BH18	604	<0.5	<0.05	1990	23.4	0.24	0.1	564	0.47	24	17	1.7	-	-	-	-			
A13MW18	A13BH18-5	9/15/2009	FCSI 6	AEC13	58	3.05-3.35	soil	Subsurface	Normal	A13BH18	883	0.5	0.15	2430	32.9	<0.05	8.4	980	0.31	94	324	1.7	-	-	-	-			
A13MW18	A13BH18-9	9/15/2009	FCSI 6	AEC13	58	7.62-7.92	soil	Subsurface	Normal	A13BH18	1200	<0.5	0.1	4180	39.7	<0.05	0.6	1570	0.24	101	56	2.8	-	-	-	-			
A13SV20	A13SV20-1	9/28/2009	FCSI 6	AEC13	58	0.11-0.46	soil	Surface	Normal	A13SV20	1040	<0.5	0.11	428	96	<0.05	0.9	1470	0.34	92	93	2.1	-	-	-	-			
A13SV20	DA13SV20-3	9/28/2009	FCSI 6	AEC13	58	1.22-2.29	soil	Surface/Subsurface	Normal	A13SV20	1295	<0.5	0.09	2095	49.55	<0.05	0.6	1155	0.315	96	72	2.95	-	-	-	-			
A13SV20	A13SV20-5	9/28/2009	FCSI 6	AEC13	58	2.29-2.74	soil	Subsurface	Normal	A13SV20	1590	<0.5	0.07	2910	47.8	<0.05	0.4	1410	0.37	93	58	3	-	-	-	-			
A20BH1	DA20BH1-1	9/14/2009	FCSI 6	AEC20	58	0.61-0.91	soil	Surface	Normal	A20BH-1	751	<0.5	0.15	515.5	47.2	0.05	5.4	831	0.315	68.5	267.5	2.05	-	-	-	-			
A20BH1	A20BH1-10	9/15/2009	FCSI 6	AEC20	58	11.3-11.6	soil	Subsurface	Normal	A20BH-1	657	0.8	0.06	2870	109	0.38	0.5	541	1.42	26	24	2.1	-	-	-	-			
A20BH1	A20BH1-11	9/15/2009	FCSI 6	AEC20	58	13.1-13.4	soil	Subsurface	Normal	A20BH-1	2500	<0.5	0.12	3400	42.9	0.08	0.4	1180	0.65	82	71	4.9	-	-	-	-			
A20BH1	A20BH1-15	9/15/2009	FCSI 6	AEC20	58	25.3-25.6	soil	Subsurface	Normal	A20BH-1	646	<0.5	0.06	1170	41.6	<0.05	0.3	1170	0.16	71	34	3.7	-	-	-	-			
A20BH1	A20BH1-4	9/15/2009	FCSI 6	AEC20	58	2.74-3.35	soil	Subsurface	Normal	A20BH-1	1540	<0.5	0.09	2590	38.8	<0.05	0.6	1130	0.29	87	64	3.3	-	-	-	-			
A20BH1	A20BH1-6	9/15/2009	FCSI 6	AEC20	58	5.18-5.79	soil	Subsurface	Normal	A20BH-1	1800	<0.5	0.09	5000	40.4	0.05	0.5	1270	0.35	90	64	3.9	-	-	-	-			
A20BH1	A20BH1-9	9/15/2009	FCSI 6	AEC20	58	9.75-10.1	soil	Subsurface	Normal	A20BH-1	771	<0.5	0.06	2650	30.9	<0.05	0.3	1110	0.25	84	44	1.9	<0.03	<0.03	<0.03	<0.03			
A20BH2	A20BH2-1	9/16/2009	FCSI 6	AEC20	58	0.46-0.76	soil	Surface	Normal	A20BH-2	234	<0.5	<0.05	277	20.2	<0.05	0.2	559	0.12	48	37	0.7	-	-	-	-			
A20BH2	A20BH2-10	9/16/2009	FCSI 6	AEC20	58	11.6-11.9	soil	Subsurface	Normal	A20BH-2	1650	0.6	0.13	4570	95.1	0.25	7	1140	1.37	62	59	3.6	-	-	-	-			
A20BH2	A20BH2-3	9/16/2009	FCSI 6	AEC20	58	2.59-2.9	soil	Surface	Normal	A20BH-2	607	<0.5	<0.05	1995	23.7	<0.05	0.3	809	0.16	58	49	1.3	-	-	-	-			
A20BH2	A20BH2-4	9/17/2009	FCSI 6	AEC20	58	3.05-3.35	soil	Subsurface	Normal	A20BH-2	2080	<0.5	0.13	4230	64.7	0.07	0.6	1330	0.45	87	106	4.1	-	-	-	-			
A20BH2	DA20BH2-7	9/17/2009	FCSI 6	AEC20	58	6.71-8.53	soil	Subsurface	Normal	A20BH-2	1310	<0.5	0.12	4440	44.65	<0.05	0.6	1088	0.63	84	65	1.3	<0.03	<0.03	<0.03	<0.03			
A20BH3	A20BH3-1	9/16/2009	FCSI 6	AEC20	58	0.3-0.61	soil	Surface	Normal	A20BH-3	2180	<0.5	0.11	821	70.6	0.06	0.5	1340	0.37	88	77	3.5	-	-	-	-			
A20BH3	A20BH3-2	9/16/2009	FCSI 6	AEC20	58	0.61-1.22	soil	Surface	Normal	A20BH-3	1630	<0.5	0.09	559	55.8	0.07	0.3	1090	0.36	76	59	3	-	-	-	-			
A20BH3	A20BH3-4	9/16/2009	FCSI 6	AEC20	58	1.89-2.01	soil	Subsurface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH3	A20BH3-5	9/16/2009	FCSI 6	AEC20	58	2.74-3.05	soil	Subsurface	Normal	A20BH-3	1110	0.6	0.06	780	185	0.1	0.7	1260	0.49	69	48	2.7	-	-	-	-			
A20BH3	A20BH3-7	9/16/2009	FCSI 6	AEC20	58	5.49-5.79	soil	Subsurface	Normal	A20BH-3	692	<0.5	0.05	2960	505	0.29	0.5	954	1.26	38	30	2.2	-	-	-	-			
A20BH5	A20BH5-1	9/16/2009	FCSI 6	AEC20	58	0.41-0.76	soil	Surface	Normal	A20BH-5	672	<0.5	0.09	514	152	0.09	0.6	1380	0.33	81	57	2.2	-	-	-	-			
A20BH5	A20BH5-2	9/16/2009	FCSI 6	AEC20	58	1.07-1.37	soil	Surface	Normal	A20BH-5	822	<0.5	0.09	704	123	0.11	0.6	1290	0.39	75	54	2.3	-	-	-	-			
A20BH5	DA20BH5-4	9/16/2009	FCSI 6	AEC20	58	2.74-3.35	soil	Subsurface	Normal	A20BH-5	721	<0.5	0.08	1890	141	0.06	0.45	1505	0.21	83	64	1.75	-	-	-	-			
A20BH5	A20BH5-6	9/16/2009	FCSI 6	AEC20	58	4.88-5.79	soil	Subsurface	Normal	A20BH-5	621	<0.5	0.07	2070	80.4	<0.05	0.5	1450	0.3	81	48	1.6	<0.03	<0.03	<0.03	<0.03			
A20BH6	A20BH6-12	9/16/2009	FCSI 6	AEC20	58	9.45-11.9	soil	Subsurface	Normal	A20BH-6	794	<0.5	0.06	1730	42.4	<0.05	0.3	1630	0.34	83	52	1.6	-	-	-	-			
A20BH6	A20BH6-14	9/16/2009	FCSI 6	AEC20	58	13.7-14.9	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH6	A20BH6-15	9/16/2009	FCSI 6	AEC20	58	14.9-16.8	soil	Subsurface	Normal	A20BH-6	32920</																		



										VOCs																				
										1,2-Dibromomethane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-dichloropropane	1,3-dichlorobenzene	1,4-dichlorobenzene	2-hexanone (MBK)	4-Methyl-2-pentanone	Bromodichloromethane	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	1,2-dichloroethane			
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
CCME CWS PHC, Industrial (Course Soil)																														
CCME CWS PHC, Industrial (Fine Soil)																														
CSQG Industrial Use																														
CSQG Interim Rem IL Use											10	50	50	10	10							50	10			50				
CSQGe IL Interim SQGe																														
CSQGe IL Provisional SQGe																														
CSQGe IL Soil Contact																														
CSQGe IL Soil/Food Ingestion																														
CSQGe IL SQGe																														
CSR Sch10 CL IL													50			47000	18	2200	13				50	10		26	65		160	50
CSR Sch4 IL (Intake of Soil, IL)											10	50	50	10	10								50	10			50			
CSR Sch5 (Tox soil invert/plants, IL)																														
Location	Sample ID	Date	Site ID	AEC #	Study ID	Depth (m)	Matrix Type	Description	Sample Type	Sample Comments																				
A13BH17	DA13BH17-1	9/10/2009	FCSI6	AEC13	58	0.15-0.76	soil	Surface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13BH17	A13BH17-12	9/10/2009	FCSI6	AEC13	58	11.3-11.9	soil	Subsurface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13BH17	A13BH17-3	9/10/2009	FCSI6	AEC13	58	0.91-1.37	soil	Surface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13BH17	A13BH17-4	9/10/2009	FCSI6	AEC13	58	2.13-2.74	soil	Subsurface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13BH19	A13BH19-1	9/18/2009	FCSI6	AEC13	58	7.62-8.23	soil	Subsurface	Normal	A13BH19	<0.03	<0.03	-	<0.03	<0.03	<0.03	-	<0.05	<0.05	<0.3	<0.03	<0.03	-	<0.1	<0.05	<0.1	<0.03			
A13BH19	A13BH19-2	9/18/2009	FCSI6	AEC13	58	4.6-5.5	soil	Subsurface	Normal	A13BH19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13BH19	A13BH19-3	9/18/2009	FCSI6	AEC13	58	8.2-8.8	soil	Subsurface	Normal	A13BH19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13BH19	A13BH19-4	9/18/2009	FCSI6	AEC13	58	9.8-10.5	soil	Subsurface	Normal	A13BH19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13BH19	A13BH19-5	9/18/2009	FCSI6	AEC13	58	12.8-13.7	soil	Subsurface	Normal	A13BH19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13BH21	DA13BH21-1	9/28/2009	FCSI6	AEC13	58	0.08-0.76	soil	Surface	Normal	A13BH21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13MW18	DA13BH18-1	9/10/2009	FCSI6	AEC13	58	0.61-0.91	soil	Surface	Normal	A13BH18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13MW18	A13BH18-11	9/15/2009	FCSI6	AEC13	58	10.7-11.1	soil	Subsurface	Normal	A13BH18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13MW18	A13BH18-5	9/15/2009	FCSI6	AEC13	58	3.05-3.35	soil	Subsurface	Normal	A13BH18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13MW18	A13BH18-9	9/15/2009	FCSI6	AEC13	58	7.62-7.92	soil	Subsurface	Normal	A13BH18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13SV20	A13SV20-1	9/28/2009	FCSI6	AEC13	58	0.11-0.46	soil	Surface	Normal	A13SV20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13SV20	DA13SV20-3	9/28/2009	FCSI6	AEC13	58	1.22-2.29	soil	Surface/Subsurface	Normal	A13SV20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A13SV20	A13SV20-5	9/28/2009	FCSI6	AEC13	58	2.29-2.74	soil	Subsurface	Normal	A13SV20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH1	DA20BH1-1	9/14/2009	FCSI6	AEC20	58	0.61-0.91	soil	Surface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH1	A20BH1-10	9/15/2009	FCSI6	AEC20	58	11.3-11.6	soil	Subsurface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH1	A20BH1-11	9/15/2009	FCSI6	AEC20	58	13.1-13.4	soil	Subsurface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH1	A20BH1-15	9/15/2009	FCSI6	AEC20	58	25.3-25.6	soil	Subsurface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH1	A20BH1-4	9/15/2009	FCSI6	AEC20	58	2.74-3.35	soil	Subsurface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH1	A20BH1-6	9/15/2009	FCSI6	AEC20	58	5.18-5.79	soil	Subsurface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH1	A20BH1-9	9/15/2009	FCSI6	AEC20	58	9.75-10.1	soil	Subsurface	Normal	A20BH-1	<0.03	<0.03	-	<0.03	<0.03	<0.03	-	<0.05	<0.05	<0.3	<0.03	<0.03	-	<0.1	<0.05	<0.1	<0.03			
A20BH2	A20BH2-1	9/16/2009	FCSI6	AEC20	58	0.46-0.76	soil	Surface	Normal	A20BH-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH2	A20BH2-10	9/16/2009	FCSI6	AEC20	58	11.6-11.9	soil	Subsurface	Normal	A20BH-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH2	A20BH2-3	9/16/2009	FCSI6	AEC20	58	2.59-2.9	soil	Surface	Normal	A20BH-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH2	A20BH2-4	9/17/2009	FCSI6	AEC20	58	3.05-3.35	soil	Subsurface	Normal	A20BH-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH2	DA20BH2-7	9/17/2009	FCSI6	AEC20	58	6.71-8.53	soil	Subsurface	Normal	A20BH-2	<0.03	<0.03	-	<0.03	<0.03	<0.03	-	<0.05	<0.05	<0.3	<0.03	<0.03	-	<0.1	<0.05	<0.1	<0.03			
A20BH3	A20BH3-1	9/16/2009	FCSI6	AEC20	58	0.3-0.61	soil	Surface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH3	A20BH3-2	9/16/2009	FCSI6	AEC20	58	0.61-1.22	soil	Surface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH3	A20BH3-4	9/16/2009	FCSI6	AEC20	58	1.83-2.01	soil	Surface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH3	A20BH3-5	9/16/2009	FCSI6	AEC20	58	2.74-3.05	soil	Subsurface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH3	A20BH3-7	9/16/2009	FCSI6	AEC20	58	5.49-5.79	soil	Subsurface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH5	A20BH5-1	9/16/2009	FCSI6	AEC20	58	0.41-0.76	soil	Surface	Normal	A20BH-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH5	A20BH5-2	9/16/2009	FCSI6	AEC20	58	1.07-1.37	soil	Surface	Normal	A20BH-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH5	DA20BH5-4	9/16/2009	FCSI6	AEC20	58	3.05-3.35	soil	Surface	Normal	A20BH-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH5	A20BH5-6	9/16/2009	FCSI6	AEC20	58	4.88-5.79	soil	Subsurface	Normal	A20BH-5	<0.03	<0.03	-	<0.03	<0.03	<0.03	-	<0.05	<0.05	<0.3	<0.03	<0.03	-	<0.1	<0.05	<0.1	<0.03			
A20BH6	A20BH6-12	9/16/2009	FCSI6	AEC20	58	9.45-11.9	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH6	A20BH6-14	9/16/2009	FCSI6	AEC20	58	13.7-14.9	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH6	A20BH6-15	9/16/2009	FCSI6	AEC20	58	14.9-16.8	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH6	A20BH6-2	9/16/2009	FCSI6	AEC20	58	0.51-0.61	soil	Surface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH6	A20BH6-4	9/16/2009	FCSI6	AEC20	58	2.13-2.74	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH6	DA20BH6-5	9/16/2009	FCSI6	AEC20	58	3.05-3.35	soil	Subsurface	Normal	A20BH-6	<0.03	<0.03	-	<0.03	<0.03	<0.03	-	<0.05	<0.05	<0.3	<0.03	<0.03	-	<0.1	<0.05	<0.1	<0.03			
A20BH6	A20BH6-7	9/16/2009	FCSI6	AEC20	58	3.66-3.96	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20BH6	A20BH6-9	9/16/2009	FCSI6	AEC20	58	5.18-5.49	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20MW4	A20BH4-2	9/16/2009	FCSI6	AEC20	58	0.76-1.07	soil	Surface	Normal	A20MW-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20MW4	A20BH4-4	9/17/2009	FCSI6	AEC20	58	2.44-2.74	soil	Subsurface	Normal	A20MW-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20MW4	A20BH4-5	9/17/2009	FCSI6	AEC20	58	4.57-5.79	soil	Subsurface	Normal	A20MW-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20MW4	DA20BH4-8	9/17/2009	FCSI6	AEC20	58	6.4-7.01	soil	Subsurface	Normal	A20MW-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
A20MW																														

										Is-1,3-dichloropropene	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Methyl Ethyl Ketone	Tetrachloroethylene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethylene	Trichlorofluoromethane	Vinyl chloride
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CCME CWS PHC, Industrial (Course Soil)																				
CCME CWS PHC, Industrial (Fine Soil)																0.6			0.01	
CSQG Industrial Use																				
CSQG Interim Rem IL Use																				
CSQGe IL Interim SQGe																				
CSQGe IL Provisional SQGe																				
CSQGe IL Soil Contact																				
CSQGe IL Soil/Food Ingestion																				
CSQGe IL SQGe																				
CSR Sch10 CL, IL											230	310		110000		50			2000	7.5
CSR Sch4 IL										50			50				50			
CSR Sch5 (Intake of Soil, IL)															70000			10000		
CSR Sch5 (Tox soil invent/plants, IL)															50			50		
Location	Sample ID	Date	Site ID	AEC #	Study ID	Depth (m)	Matrix Type	Description	Sample Type	Sample Comments										
A13BH17	DA13BH17-1	9/10/2009	FCSI 6	AEC13	58	0.15-0.76	soil	Surface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-
A13BH17	A13BH17-12	9/10/2009	FCSI 6	AEC13	58	11.3-11.9	soil	Subsurface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-
A13BH17	A13BH17-3	9/10/2009	FCSI 6	AEC13	58	0.91-1.37	soil	Surface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-
A13BH17	A13BH17-4	9/10/2009	FCSI 6	AEC13	58	2.13-2.74	soil	Subsurface	Normal	A13BH17	-	-	-	-	-	-	-	-	-	-
A13BH17	A13BH17-9	9/10/2009	FCSI 6	AEC13	58	7.62-8.23	soil	Subsurface	Normal	A13BH17	<0.05	-	-	<0.1	-	<0.03	<0.03	<0.05	<0.01	<0.2
A13BH19	A13BH19-1	9/18/2009	FCSI 6	AEC13	58	2.4-2.7	soil	Subsurface	Normal	A13BH19	-	-	-	-	-	-	-	-	-	-
A13BH19	A13BH19-2	9/18/2009	FCSI 6	AEC13	58	4.6-5.5	soil	Subsurface	Normal	A13BH19	-	-	-	-	-	-	-	-	-	-
A13BH19	A13BH19-3	9/18/2009	FCSI 6	AEC13	58	8.2-8.8	soil	Subsurface	Normal	A13BH19	-	-	-	-	-	-	-	-	-	-
A13BH19	A13BH19-4	9/18/2009	FCSI 6	AEC13	58	9.8-10.5	soil	Subsurface	Normal	A13BH19	-	-	-	-	-	-	-	-	-	-
A13BH19	A13BH19-5	9/18/2009	FCSI 6	AEC13	58	12.8-13.7	soil	Subsurface	Normal	A13BH19	-	-	-	-	-	-	-	-	-	-
A13BH21	DA13BH21-1	9/28/2009	FCSI 6	AEC13	58	0.08-0.76	soil	Surface	Normal	A13BH21	-	-	-	-	-	-	-	-	-	-
A13MW18	DA13BH18-1	9/10/2009	FCSI 6	AEC13	58	0.61-0.91	soil	Surface	Normal	A13BH18	-	-	-	-	-	-	-	-	-	-
A13MW18	A13BH18-11	9/15/2009	FCSI 6	AEC13	58	10.7-11	soil	Subsurface	Normal	A13BH18	-	-	-	-	-	-	-	-	-	-
A13MW18	A13BH18-5	9/15/2009	FCSI 6	AEC13	58	3.05-3.35	soil	Subsurface	Normal	A13BH18	-	-	-	-	-	-	-	-	-	-
A13MW18	A13BH18-9	9/15/2009	FCSI 6	AEC13	58	7.62-7.92	soil	Subsurface	Normal	A13BH18	-	-	-	-	-	-	-	-	-	-
A13SV20	A13SV20-1	9/28/2009	FCSI 6	AEC13	58	0.11-0.46	soil	Surface	Normal	A13SV20	-	-	-	-	-	-	-	-	-	-
A13SV20	DA13SV20-3	9/28/2009	FCSI 6	AEC13	58	1.22-2.29	soil	Surface/Subsurface	Normal	A13SV20	-	-	-	-	-	-	-	-	-	-
A13SV20	A13SV20-5	9/28/2009	FCSI 6	AEC13	58	2.29-2.74	soil	Subsurface	Normal	A13SV20	-	-	-	-	-	-	-	-	-	-
A20BH1	DA20BH1-1	9/14/2009	FCSI 6	AEC20	58	0.61-0.91	soil	Surface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-
A20BH1	A20BH1-10	9/15/2009	FCSI 6	AEC20	58	11.3-11.6	soil	Subsurface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-
A20BH1	A20BH1-11	9/15/2009	FCSI 6	AEC20	58	13.1-13.4	soil	Subsurface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-
A20BH1	A20BH1-15	9/15/2009	FCSI 6	AEC20	58	25.3-25.6	soil	Subsurface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-
A20BH1	A20BH1-4	9/15/2009	FCSI 6	AEC20	58	2.74-3.35	soil	Subsurface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-
A20BH1	A20BH1-6	9/15/2009	FCSI 6	AEC20	58	5.18-5.79	soil	Subsurface	Normal	A20BH-1	-	-	-	-	-	-	-	-	-	-
A20BH1	A20BH1-9	9/15/2009	FCSI 6	AEC20	58	9.75-10.1	soil	Subsurface	Normal	A20BH-1	<0.05	-	-	<0.1	-	<0.03	<0.03	<0.05	<0.01	<0.2
A20BH2	A20BH2-1	9/16/2009	FCSI 6	AEC20	58	0.46-0.76	soil	Surface	Normal	A20BH-2	-	-	-	-	-	-	-	-	-	-
A20BH2	A20BH2-10	9/16/2009	FCSI 6	AEC20	58	11.6-11.9	soil	Surface	Normal	A20BH-2	-	-	-	-	-	-	-	-	-	-
A20BH2	A20BH2-3	9/16/2009	FCSI 6	AEC20	58	2.59-2.9	soil	Subsurface	Normal	A20BH-2	-	-	-	-	-	-	-	-	-	-
A20BH2	A20BH2-4	9/17/2009	FCSI 6	AEC20	58	3.05-3.35	soil	Subsurface	Normal	A20BH-2	-	-	-	-	-	-	-	-	-	-
A20BH2	DA20BH2-7	9/17/2009	FCSI 6	AEC20	58	6.71-8.53	soil	Subsurface	Normal	A20BH-2	<0.05	-	-	<0.1	-	<0.03	<0.03	<0.05	<0.01	<0.2
A20BH3	A20BH3-1	9/16/2009	FCSI 6	AEC20	58	0.3-0.61	soil	Surface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-
A20BH3	A20BH3-2	9/16/2009	FCSI 6	AEC20	58	0.61-1.22	soil	Surface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-
A20BH3	A20BH3-4	9/16/2009	FCSI 6	AEC20	58	1.83-2.01	soil	Subsurface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-
A20BH3	A20BH3-5	9/16/2009	FCSI 6	AEC20	58	2.74-3.05	soil	Subsurface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-
A20BH3	A20BH3-7	9/16/2009	FCSI 6	AEC20	58	5.49-5.79	soil	Subsurface	Normal	A20BH-3	-	-	-	-	-	-	-	-	-	-
A20BH5	A20BH5-1	9/16/2009	FCSI 6	AEC20	58	0.41-0.76	soil	Surface	Normal	A20BH-5	-	-	-	-	-	-	-	-	-	-
A20BH5	A20BH5-2	9/16/2009	FCSI 6	AEC20	58	1.07-1.37	soil	Surface	Normal	A20BH-5	-	-	-	-	-	-	-	-	-	-
A20BH5	DA20BH5-4	9/16/2009	FCSI 6	AEC20	58	3.05-3.35	soil	Subsurface	Normal	A20BH-5	-	-	-	-	-	-	-	-	-	-
A20BH5	A20BH5-6	9/16/2009	FCSI 6	AEC20	58	4.88-5.79	soil	Subsurface	Normal	A20BH-5	<0.05	-	-	<0.1	-	<0.03	<0.03	<0.05	<0.01	<0.2
A20BH6	A20BH6-12	9/16/2009	FCSI 6	AEC20	58	9.45-11.9	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-
A20BH6	A20BH6-14	9/16/2009	FCSI 6	AEC20	58	13.7-14.9	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-
A20BH6	A20BH6-15	9/16/2009	FCSI 6	AEC20	58	14.9-16.8	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-
A20BH6	A20BH6-2	9/16/2009	FCSI 6	AEC20	58	0.51-0.61	soil	Surface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-
A20BH6	A20BH6-4	9/16/2009	FCSI 6	AEC20	58	2.13-2.74	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-
A20BH6	DA20BH6-5	9/16/2009	FCSI 6	AEC20	58	3.05-3.35	soil	Subsurface	Normal	A20BH-6	<0.05	-	-	<0.1	-	<0.03	<0.03	<0.05	<0.01	<0.2
A20BH6	A20BH6-7	9/16/2009	FCSI 6	AEC20	58	3.66-3.96	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-
A20BH6	A20BH6-9	9/16/2009	FCSI 6	AEC20	58	5.18-5.49	soil	Subsurface	Normal	A20BH-6	-	-	-	-	-	-	-	-	-	-
A20MW4	A20BH4-2	9/16/2009	FCSI 6	AEC20	58	0.76-1.07	soil	Surface	Normal	A20MW-4	-	-	-	-	-	-	-	-	-	-
A20MW4	A20BH4-4	9/17/2009	FCSI 6	AEC20	58	2.44-2.74	soil	Subsurface	Normal	A20MW-4	-	-	-	-	-	-	-	-	-	-
A20MW4	A20BH4-5	9/17/2009	FCSI 6	AEC20	58	4.57-5.79	soil	Subsurface	Normal	A20MW-4	-	-	-	-	-	-	-	-	-	-
A20MW4	DA20BH4-6	9/17/2009	FCSI 6	AEC20	58	6.47-0.1	soil	Subsurface	Normal	A20MW-4	-	-	-	-	-	-	-	-	-	-
A20MW4	A20BH4-9	9/17/2009	FCSI 6	AEC20	58	9.14-9.75	soil	Subsurface	Normal	A20MW-4	-	-	-	-	-	-	-	-	-	-
BH13-1	DAEC13-BH1-1	1/24/2002	FCSI 6	AEC13	9	0-0.2	soil	Surface	Normal	AEC13-BH1	<0.01	<0.01	<0.02	<0.3	<0.5	<0.01	<0.01	<0.01	<0.01	<0.02
BH13-1	AEC13-BH1-4	1/24/2002	FCSI 6	AEC13	9	1.35-1.5	soil	Surface	Normal	AEC13-BH1	-	-	-	-	-	-	-	-	-	-
BH13-1	AEC13-BH1-5	1/24/2002	FCSI 6	AEC13	9	2.1-2.25	soil	Subsurface	Normal	AEC13-BH1	-	-	-	-	-	-	-	-	-	-
BH13-1	AEC13-BH1-7	1/24/2002	FCSI 6	AEC13	9	3.65-4.25	soil	Subsurface	Normal	AEC13-BH1	-	-	-	-	-	-	-	-	-	-
BH13-1	AEC13-BH1-8	1/24/2002	FCSI 6	AEC13	9	5-5.8	soil	Subsurface	Normal	AEC13-BH1	-	-	-	-	-	-	-	-	-	-
BH13-11	BH13-11A	12/6/2002	FCSI 6	AEC13	10	0.13-0.17	soil	Surface	Normal	BH13-11	-	-	-	-	-	-	-	-	-	-
BH13-11	BH13-11B	12/6/2002	FCSI 6	AEC13	10	0.45-0.75	soil	Surface	Normal	BH13-11	<0.01	<0.01	<0.02	<0.3	<0.5	<0.01	<0.01	<0.01	<0.01	<0.02
BH13-11	BH13-11A	12/6/2002	FCSI 6	AEC13	10	0.33-3.63	soil	Surface	Normal	BH13-11	<0.01	<0.01	<0.02	<0.3	<0.5	<0.01	<0.01	<0.01	<0.01	<0.02
BH13-12	BH13-12A	12/6/2002	FCSI 6	AEC13	10	0.45-0.75	soil	Surface	Normal	BH13-12	<0.01	<0.01	<0.02	<0.3	<0.5	<0.01	<0.01	<0.01	<0.01	<0.02
BH13-12	BH13-12B	12/6/2002	FCSI 6	AEC13	10	1.94-4.24	soil	Surface	Normal	BH13-12	<0.01	<0.01	<0.02	<0.3	<0.5	<0.01	<0.01	<0.01	<0.01	<0.02
BH13-13	BH13-13A	12/6/2002	FCSI 6	AEC13	10	0.61-0.91	soil	Surface	Normal	BH13-13	<0.01	<0.01	<0.02	<0.3	<0.5	<0.01	<0.01			