



		Sample Location	B-101	Class I Objective	Class II Objective	Background	B-101	Class I Objective	Class II Objective	Background	B-102	Class I Objective	Class II Objective	Background
		Sample Depth (feet)	1' - 3'				4' - 6'				4'-6'			
		Date Sampled	1/3/2013				1/3/2013				1/3/2013			
		pH (Standard Units)	8.83				8.67				8.56			
CAS Number	Chemical	Units												
7440-38-2	Arsenic	mg/kg	7.9	33	130	13	6.6	32	130	13	8.6	32	130	13
7440-39-3	Barium	mg/kg	71	NE	NE	110	76	NE	NE	110	82	NE	NE	110
7440-43-9	Cadmium	mg/kg	0.44	NE	NE	0.6	<0.22	NE	NE	0.6	0.32	NE	NE	0.6
7440-47-3	Chromium *	mg/kg	19	21	NE	16.2	18	24	NE	16.2	21	24	NE	16.2
7439-92-1	Lead	mg/kg	39	282	3760	36	19	107	1420	36	40	107	1420	36
7439-97-6	Mercury	mg/kg	0.037	NE	NE	0.06	0.038	NE	NE	0.06	0.06	NE	NE	0.06
7782-49-2	Selenium	mg/kg	<1.1	1.3	1.3	0.48	<1.1	1.8	1.8	0.48	<1.1	1.8	1.8	0.48
7440-22-4	Silver	mg/kg	<0.55	NE	NE	636	<0.56	NE	NE	636	<0.56	NE	NE	636
95-57-8	2-Chlorophenol	mg/kg	--	1.5	1.5	--	--	2.2	2.2	--	<0.19	2.2	2.2	--
120-83-2	2,4-Dichlorophenol	mg/kg	--	0.48	0.48	--	--	0.56	0.56	--	<0.38	0.56	0.56	--
87-86-5	Pentachlorophenol	mg/kg	--	0.02	0.1	--	--	0.02	0.1	--	<0.77	0.02	0.1	--
95-95-4	2,4,5-Trichlorophenol	mg/kg	--	26	26	--	--	36	36	--	<0.38	36	36	--
88-06-2	2,4,6-Trichlorophenol	mg/kg	--	0.07	0.07	--	--	0.07	0.07	--	<0.38	0.07	0.07	--
534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	--	0.0031	0.0031	--	--	0.0031	0.0031	--	<0.38	0.0031	0.0031	--
100-02-7	4-Nitrophenol	mg/kg	--	0.23	0.23	--	--	0.23	0.23	--	<0.77	0.23	0.23	--

**Notes:**  
Remediation Objectives from 35 Illinois Administrative Code Chapter 742: *Tiered Approach to Corrective Action Objectives*.  
mg/kg = milligrams per kilogram, generally equivalent to ppm  
NA = Not Applicable  
NE = Not Established  
\* Total chromium data compared with hexavalent chromium SRO value as conservative measure.

		Sample Location	B-103	Class I Objective	Class II Objective	Background	B-104	Class I Objective	Class II Objective	Background	B-104	Class I Objective	Class II Objective	Background
		Sample Depth (feet)	4'-6'				1'-3'				4'-6'			
		Date Sampled	1/3/2013				1/3/2013				1/3/2013			
		pH (Standard Units)	7.9				6.97				7.85			
CAS Number	Chemical	Units												
7440-38-2	Arsenic	mg/kg	5.4	31	120	13	8.7	29	120	13	6.4	31	120	13
7440-39-3	Barium	mg/kg	59	2100	2100	110	92	1700	1700	110	86	2100	2100	110
7440-43-9	Cadmium	mg/kg	0.53	430	4300	0.6	0.4	11	110	0.6	0.65	430	4300	0.6
7440-47-3	Chromium *	mg/kg	15	28	NE	16.2	20	36	NE	16.2	20	28	NE	16.2
7439-92-1	Lead	mg/kg	7.5	107	1420	36	74	107	1420	36	110	107	1420	36
7439-97-6	Mercury	mg/kg	0.034	8	40	0.06	0.069	3.3	16	0.06	0.11	8	40	0.06
7782-49-2	Selenium	mg/kg	<0.94	2.4	2.4	0.48	<1.2	4.5	4.5	0.48	<1.2	2.4	2.4	0.48
7440-22-4	Silver	mg/kg	<0.47	110	NE	636	<0.60	13	NE	636	<0.58	110	NE	636
95-57-8	2-Chlorophenol	mg/kg	--	3.1	3.1	--	--	3.9	19	--	--	3.1	3.1	--
120-83-2	2,4-Dichlorophenol	mg/kg	--	0.69	0.69	--	--	1	1	--	--	0.69	0.69	--
87-86-5	Pentachlorophenol	mg/kg	--	0.02	0.1	--	--	0.02	0.12	--	--	0.02	0.1	--
95-95-4	2,4,5-Trichlorophenol	mg/kg	--	64	64	--	--	230	1200	--	--	64	64	--
88-06-2	2,4,6-Trichlorophenol	mg/kg	--	0.07	0.07	--	--	0.13	0.13	--	--	0.07	0.07	--
534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	--	0.0031	0.0031	--	--	0.0031	0.0031	--	--	0.0031	0.0031	--
100-02-7	4-Nitrophenol	mg/kg	--	0.23	0.23	--	--	0.26	0.26	--	--	0.23	0.23	--

**Notes:**  
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		Sample Location	B-105	Class I Objective	Class II Objective	Background	B-106	Class I Objective	Class II Objective	Background	B-107	Class I Objective	Class II Objective	Background
		Sample Depth (feet)	1'-3'				4' - 6'				1' - 3'			
		Date Sampled	1/3/2013				1/3/2013				1/3/2013			
		pH (Standard Units)	7.97				8.4				8.11			
CAS Number	Chemical	Units												
7440-38-2	Arsenic	mg/kg	5.9	31	120	13	5	32	130	13	14	31	120	13
7440-39-3	Barium	mg/kg	82	2100	2100	110	25	NE	NE	110	61	2100	2100	110
7440-43-9	Cadmium	mg/kg	0.33	430	4300	0.6	0.25	NE	NE	0.6	0.48	430	4300	0.6
7440-47-3	Chromium *	mg/kg	21	28	NE	16.2	11	24	NE	16.2	18	28	NE	16.2
7439-92-1	Lead	mg/kg	19	107	1420	36	8.5	107	1420	36	25	107	1420	36
7439-97-6	Mercury	mg/kg	0.053	8	40	0.06	<0.017	NE	NE	0.06	0.062	8	40	0.06
7782-49-2	Selenium	mg/kg	<1.2	2.4	2.4	0.48	<0.98	1.8	1.8	0.48	1.3	2.4	2.4	0.48
7440-22-4	Silver	mg/kg	<0.58	110	NE	636	<0.49	NE	NE	636	<0.54	110	NE	636
95-57-8	2-Chlorophenol	mg/kg	--	3.1	3.1	--	--	2.2	2.2	--	--	3.1	3.1	--
120-83-2	2,4-Dichlorophenol	mg/kg	--	0.69	0.69	--	--	0.56	0.56	--	--	0.69	0.69	--
87-86-5	Pentachlorophenol	mg/kg	--	0.02	0.1	--	--	0.02	0.1	--	--	0.02	0.1	--
95-95-4	2,4,5-Trichlorophenol	mg/kg	--	64	64	--	--	36	36	--	--	64	64	--
88-06-2	2,4,6-Trichlorophenol	mg/kg	--	0.07	0.07	--	--	0.07	0.07	--	--	0.07	0.07	--
534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	--	0.0031	0.0031	--	--	0.0031	0.0031	--	--	0.0031	0.0031	--
100-02-7	4-Nitrophenol	mg/kg	--	0.23	0.23	--	--	0.23	0.23	--	--	0.23	0.23	--

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		Sample Location	B-107	Class I Objective	Class II Objective	Background	B-108	Class I Objective	Class II Objective	Background	B-109	Class I Objective	Class II Objective	Background
		Sample Depth (feet)	4'-6'				1'-3'				1' - 3'			
		Date Sampled	1/3/2013				1/3/2013				1/3/2013			
		pH (Standard Units)	8.27				8.24				8.23			
CAS Number	Chemical	Units												
7440-38-2	Arsenic	mg/kg	13	32	130	13	6.6	31	120	13	8.1	31	120	13
7440-39-3	Barium	mg/kg	41	NE	NE	110	110	2100	2100	110	200	2100	2100	110
7440-43-9	Cadmium	mg/kg	0.47	NE	NE	0.6	0.59	430	4300	0.6	0.7	430	4300	0.6
7440-47-3	Chromium *	mg/kg	17	24	NE	16.2	21	28	NE	16.2	20	28	NE	16.2
7439-92-1	Lead	mg/kg	38	107	1420	36	99	107	1420	36	340	107	1420	36
7439-97-6	Mercury	mg/kg	0.033	NE	NE	0.06	0.31	8	40	0.06	0.31	8	40	0.06
7782-49-2	Selenium	mg/kg	<1.1	1.8	1.8	0.48	<1.1	2.4	2.4	0.48	<1.1	2.4	2.4	0.48
7440-22-4	Silver	mg/kg	<0.53	NE	NE	636	<0.53	110	NE	636	1	110	NE	636
95-57-8	2-Chlorophenol	mg/kg	--	2.2	2.2	--	--	3.1	3.1	--	--	3.1	3.1	--
120-83-2	2,4-Dichlorophenol	mg/kg	--	0.56	0.56	--	--	0.69	0.69	--	--	0.69	0.69	--
87-86-5	Pentachlorophenol	mg/kg	--	0.02	0.1	--	--	0.02	0.1	--	--	0.02	0.1	--
95-95-4	2,4,5-Trichlorophenol	mg/kg	--	36	36	--	--	64	64	--	--	64	64	--
88-06-2	2,4,6-Trichlorophenol	mg/kg	--	0.07	0.07	--	--	0.07	0.07	--	--	0.07	0.07	--
534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	--	0.0031	0.0031	--	--	0.0031	0.0031	--	--	0.0031	0.0031	--
100-02-7	4-Nitrophenol	mg/kg	--	0.23	0.23	--	--	0.23	0.23	--	--	0.23	0.23	--

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		Sample Location	B-110	Class I Objective	Class II Objective	Background	B-110	Class I Objective	Class II Objective	Background	B-111	Class I Objective	Class II Objective	Background
		Sample Depth (feet)	1'-3'				4'-6'				12'-13'			
		Date Sampled	1/3/2013				1/3/2013				1/3/2013			
		pH (Standard Units)	8.4				8.52				8.09			
CAS Number	Chemical	Units												
7440-38-2	Arsenic	mg/kg	4.9	32	130	13	--	32	130	13	12	31	120	13
7440-39-3	Barium	mg/kg	2000	NE	NE	110	--	NE	NE	110	360	2100	2100	110
7440-43-9	Cadmium	mg/kg	1	NE	NE	0.6	--	NE	NE	0.6	1.3	430	4300	0.6
7440-47-3	Chromium *	mg/kg	25	24	NE	16.2	--	24	NE	16.2	25	28	NE	16.2
7439-92-1	Lead	mg/kg	3400	107	1420	36	17	107	1420	36	760	107	1420	36
7439-97-6	Mercury	mg/kg	0.94	NE	NE	0.06	--	NE	NE	0.06	0.53	8	40	0.06
7782-49-2	Selenium	mg/kg	<1.1	1.8	1.8	0.48	--	1.8	1.8	0.48	<1.2	2.4	2.4	0.48
7440-22-4	Silver	mg/kg	2.1	NE	NE	636	--	NE	NE	636	1.3	110	NE	636
95-57-8	2-Chlorophenol	mg/kg	--	2.2	2.2	--	--	2.2	2.2	--	<0.21	3.1	3.1	--
120-83-2	2,4-Dichlorophenol	mg/kg	--	0.56	0.56	--	--	0.56	0.56	--	<0.41	0.69	0.69	--
87-86-5	Pentachlorophenol	mg/kg	--	0.02	0.1	--	--	0.02	0.1	--	<0.83	0.02	0.1	--
95-95-4	2,4,5-Trichlorophenol	mg/kg	--	36	36	--	--	36	36	--	<0.41	64	64	--
88-06-2	2,4,6-Trichlorophenol	mg/kg	--	0.07	0.07	--	--	0.07	0.07	--	<0.41	0.07	0.07	--
534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	--	0.0031	0.0031	--	--	0.0031	0.0031	--	<0.41	0.0031	0.0031	--
100-02-7	4-Nitrophenol	mg/kg	--	0.23	0.23	--	--	0.23	0.23	--	<0.83	0.23	0.23	--

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\* Total chromium data compared with hexavalent chromium SRO value as conservative measure.

		Sample Location	B-111	Class I Objective	Class II Objective	Background	B-111	Class I Objective	Class II Objective	Background	B-1	Class I Objective	Class II Objective	Background
		Sample Depth (feet)	1' - 3'				14'-15'				2'-4'			
		Date Sampled	1/3/2013				1/3/2013				6/13/2012			
		pH (Standard Units)	8.4				8.31				7.8			
CAS Number	Chemical	Units												
7440-38-2	Arsenic	mg/kg	8.7	32	130	13	--	32	130	13	2.6	31	120	13
7440-39-3	Barium	mg/kg	110	NE	NE	110	--	NE	NE	110	100	2100	2100	110
7440-43-9	Cadmium	mg/kg	0.73	NE	NE	0.6	--	NE	NE	0.6	0.22	430	4300	0.6
7440-47-3	Chromium *	mg/kg	21	24	NE	16.2	--	24	NE	16.2	28	28	NE	16.2
7439-92-1	Lead	mg/kg	24	107	1420	36	17	107	1420	36	12	107	1420	36
7439-97-6	Mercury	mg/kg	0.22	NE	NE	0.06	0.026	NE	NE	0.06	0.019	8	40	0.06
7782-49-2	Selenium	mg/kg	<1.1	1.8	1.8	0.48	--	1.8	1.8	0.48	<1.2	2.4	2.4	0.48
7440-22-4	Silver	mg/kg	<0.57	NE	NE	636	--	NE	NE	636	<0.60	110	NE	636
95-57-8	2-Chlorophenol	mg/kg	--	2.2	2.2	--	--	2.2	2.2	--	<0.40	3.1	3.1	--
120-83-2	2,4-Dichlorophenol	mg/kg	--	0.56	0.56	--	--	0.56	0.56	--	<0.40	0.69	0.69	--
87-86-5	Pentachlorophenol	mg/kg	--	0.02	0.1	--	--	0.02	0.1	--	<0.40	0.02	0.1	--
95-95-4	2,4,5-Trichlorophenol	mg/kg	--	36	36	--	--	36	36	--	<0.40	64	64	--
88-06-2	2,4,6-Trichlorophenol	mg/kg	--	0.07	0.07	--	--	0.07	0.07	--	<0.40	0.07	0.07	--
534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	--	0.0031	0.0031	--	--	0.0031	0.0031	--	<0.40	0.0031	0.0031	--
100-02-7	4-Nitrophenol	mg/kg	--	0.23	0.23	--	--	0.23	0.23	--	<0.40	0.23	0.23	--

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		Sample Location	B-2	Class I Objective	Class II Objective	Background	B-3	Class I Objective	Class II Objective	Background	B-4	Class I Objective	Class II Objective	Background
		Sample Depth (feet)	1'-3'				0'-2'				0'-2'			
		Date Sampled	6/13/2012				6/13/2012				6/13/2012			
		pH (Standard Units)	7.9				8				8.2			
CAS Number	Chemical	Units												
7440-38-2	Arsenic	mg/kg	3	31	120	13	<1.1	31	120	13	0.96	31	120	13
7440-39-3	Barium	mg/kg	140	2100	2100	110	250	2100	2100	110	94	2100	2100	110
7440-43-9	Cadmium	mg/kg	0.54	430	4300	0.6	0.69	430	4300	0.6	0.68	430	4300	0.6
7440-47-3	Chromium *	mg/kg	21	28	NE	16.2	30	28	NE	16.2	13	28	NE	16.2
7439-92-1	Lead	mg/kg	160	107	1420	36	390	107	1420	36	100	107	1420	36
7439-97-6	Mercury	mg/kg	0.052	8	40	0.06	0.89	8	40	0.06	0.099	8	40	0.06
7782-49-2	Selenium	mg/kg	<1.2	2.4	2.4	0.48	<1.1	2.4	2.4	0.48	<1.2	2.4	2.4	0.48
7440-22-4	Silver	mg/kg	<0.59	110	NE	636	10	110	NE	636	<0.60	110	NE	636
95-57-8	2-Chlorophenol	mg/kg	<2.0	3.1	3.1	--	<1.9	3.1	3.1	--	<2.0	3.1	3.1	--
120-83-2	2,4-Dichlorophenol	mg/kg	<2.0	0.69	0.69	--	<1.9	0.69	0.69	--	<2.0	0.69	0.69	--
87-86-5	Pentachlorophenol	mg/kg	<2.0	0.02	0.1	--	<1.9	0.02	0.1	--	<2.0	0.02	0.1	--
95-95-4	2,4,5-Trichlorophenol	mg/kg	<2.0	64	64	--	<1.9	64	64	--	<2.0	64	64	--
88-06-2	2,4,6-Trichlorophenol	mg/kg	<2.0	0.07	0.07	--	<1.9	0.07	0.07	--	<2.0	0.07	0.07	--
534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	<2.0	0.0031	0.0031	--	<1.9	0.0031	0.0031	--	<2.0	0.0031	0.0031	--
100-02-7	4-Nitrophenol	mg/kg	<2.0	0.23	0.23	--	<1.9	0.23	0.23	--	<2.0	0.23	0.23	--

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		Sample Location	B-5	Class I Objective	Class II Objective	Background	B-6	Class I Objective	Class II Objective	Background
		Sample Depth (feet)	8'-10'				1'-3'			
		Date Sampled	6/13/2012				6/13/2012			
		pH (Standard Units)	8.1				7.9			
CAS Number	Chemical	Units								
7440-38-2	Arsenic	mg/kg	0.84	31	120	13	3.3	31	120	13
7440-39-3	Barium	mg/kg	69	2100	2100	110	180	2100	2100	110
7440-43-9	Cadmium	mg/kg	0.092	430	4300	0.6	7.7	430	4300	0.6
7440-47-3	Chromium *	mg/kg	21	28	NE	16.2	100	28	NE	16.2
7439-92-1	Lead	mg/kg	12	107	1420	36	280	107	1420	36
7439-97-6	Mercury	mg/kg	0.014	8	40	0.06	0.39	8	40	0.06
7782-49-2	Selenium	mg/kg	<1.2	2.4	2.4	0.48	<1.2	2.4	2.4	0.48
7440-22-4	Silver	mg/kg	<0.58	110	NE	636	1.7	110	NE	636
95-57-8	2-Chlorophenol	mg/kg	<0.38	3.1	3.1	--	<2.0	3.1	3.1	--
120-83-2	2,4-Dichlorophenol	mg/kg	<0.38	0.69	0.69	--	<2.0	0.69	0.69	--
87-86-5	Pentachlorophenol	mg/kg	<0.38	0.02	0.1	--	<2.0	0.02	0.1	--
95-95-4	2,4,5-Trichlorophenol	mg/kg	<0.38	64	64	--	<2.0	64	64	--
88-06-2	2,4,6-Trichlorophenol	mg/kg	<0.38	0.07	0.07	--	<2.0	0.07	0.07	--
534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	<0.38	0.0031	0.0031	--	<2.0	0.0031	0.0031	--
100-02-7	4-Nitrophenol	mg/kg	<0.38	0.23	0.23	--	<2.0	0.23	0.23	--

**Notes:**  
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