

Data Summary
Results for Lewiston-Porter Central School District
Anomaly Investigation-Surface Soil Samples

Analyte	EPA RSL	NFSS Background BTV (Surface Soils)	Units	Sample Name	C2-LPCSD-SO-A01-0.5	C2-LPCSD-SO-A02-0.5	C2-LPCSD-SO-A03-0.5	C2-LPCSD-SO-A04-0.5	C2-LPCSD-SO-A05-0.5	C2-LPCSD-SO-A06-0.5	C2-LPCSD-SO-A07-0.5	C2-LPCSD-SO-0.5	C2-LPCSD-SO-A09-0.5	C2-LPCSD-SO-A10-0.5	C2-LPCSD-SO-A10A-0.5
				Parent Sample	8/25/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/25/2010
				Sample Date	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
				Sample Depth											
METALS															
Aluminum	7,700 *	18,400	mg/kg		7,790	8,290 J	9,120 J	9,340 J	7,720 J	11,800 J	7,840 J	9,840 J	12,600	8,420	11,000
Antimony	3.1 *	0.94	mg/kg		0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ
Arsenic	0.39	11.3	mg/kg		3.6	3.8	4.3	6.3	2.9	4.7	2.9	4.9	3.8	2.9	3.3
Barium	1,500 *	279	mg/kg		66.9	84.4	101	82.6	112	74.4	76.6	150	69.3	89.1	
Beryllium	16 *	1.0	mg/kg		0.46	0.48 B	0.89	0.84	0.5 B	0.72	0.43 B	0.53 B	0.79	0.47	0.72
Boron	1,600 *	10.1	mg/kg		9 U	4 B	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U	5.3 B
Cadmium	7 *	0.53	mg/kg		0.1	0.097 B	0.036 B	0.056 B	0.081 B	0.13 B	0.094 B	0.11 B	0.14	0.19	0.07
Calcium	NSA	45,200	mg/kg		12,700	32,800	1,910	1,160	2,730	2,100	1,380	5,740	3,650	61,200	
Chromium	0.29	24.3	mg/kg		12.4	14.6	14.2	14.7	10.5	19.6	11.3	16	20	12.3	19.9
Cobalt	2.3 *	57.4	mg/kg		5.5	8.9	6	10	4	15.4	3.6	7.1	11.3	3.9	11.5
Copper	310 *	34.7	mg/kg		19.9	25.2	22.4	26.4	11.7	31.6	13.3	15	24.4	12.3	23.4
Iron	5,500 *	36,400	mg/kg		14,800	18,300	27,700	31,500	11,700	24,500	11,400	23,600	23,100	11,300	20,200
Lead	400 *	55.2	mg/kg		11.2	6.5	8.6	7.9	9.9	9	12.4	9.3	8.6	16.5	7.4
Lithium	16 *	27.9	mg/kg		13.9	18.5	10.6	13.8	10.3	20.3	12.1	15.9	23.8	13.4	27.3
Magnesium	NSA	10,200	mg/kg		3,440 J	6,690 J	1,640 J	2,480 J	1,440 J	3,760 J	1,620 J	2,390 J	4,120 J	1,910 J	8,360 J
Manganese	180 *	5,630	mg/kg		306 J	577	121	346	92.4	1,590	132	479	860 J	198 J	504 J
Mercury	0.56 *	0.27	mg/kg		0.023 B	0.015 B	0.03 B	0.044	0.013 B	0.033 B	0.063	0.047	0.025 B	0.066 B	0.015 B
Nickel	150 *	37.5	mg/kg		12.3	18.1	12.1	16	9.2	22	10.6	12.4	32.6	10.9	22.2
Potassium	NSA	1,820	mg/kg		675 J	1,260 J	380 J	677 J	507 J	826 J	460 J	710 J	1,070 J	849 J	1,370 J
Selenium	39 *	0.37	mg/kg		1.2	1.2	1.7	1.6	1.1	1.5	1.3	1 B	1.7	0.91	1.3
Silver	39 *	0.27	mg/kg		0.037 J	0.035 J	0.034 J	0.025 J	0.043 J	0.02 J	0.047 J	0.049 J	0.041 J	0.049 J	0.055 J
Sodium	NSA	286	mg/kg		45.1	71.4	28.1	29.5	28.1	33.8	28.4	28.5	50.4	42.7	151
Thallium	NSA	NSA	mg/kg		0.28 B	0.17 B	0.11 B	0.2 B	0.14 B	0.11 B	0.08 B	0.14 B	0.12 B	0.16 B	0.16 B
Vanadium	39 *	34	mg/kg		18.9	20.4	25.4	23.1	14.1	29.2	16	26.9	27.4	15.6	25.2
Zinc	2,300 *	78	mg/kg		40.1 J	40.5 J	23.8 J	42.8 J	23.5 J	50.4 J	34.9 J	45.2 J	49.7 J	38.8 J	43.9 J
VOLATILE ORGANIC COMPOUNDS															
1,1,1,2-tetrachloroethane	1,900	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,1,1-trichloroethane	870,000 *	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,1,2,2-tetrachloroethane	560	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	4,300,000 *	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,1,2-trichloroethane	1,100	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,1-dichloroethane	3,300	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,1-dichloroethene	24,000 *	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,1-dichloropropene	NSA	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,2,3-trichlorobenzene	4,900 *	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,2,3-trichloropropane	5	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,2,4-trimethylbenzene	6,200 *	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,2-Dibromo-3-chloropropane	5.4	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,2-dibromoethane	34	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,2-dichlorobenzene	190,000 *	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,2-dichloroethane	430	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,2-dichloroethene	70,000 *	NSA	ug/kg		2.3 U	2.1 U	2.6 U	2.2 U	2.3 U	2.3 U	2.1 U	2.2 U	2.3 U	2.3 U	2.3 U
1,2-dichloropropane	890	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,3,5-trimethylbenzene	78,000 *	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,3-dichlorobenzene	NSA	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,3-dichloropropane	160,000 *	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
1,4-dichlorobenzene	2,400	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
2,2-dichloropropane	NSA	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
2-butanone	2,800,000 *	ND	ug/kg		1.1 U	1.1 U	6.7	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
2-chlorotoluene	160,000 *	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
2-hexanone	21,000 *	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
4-chlorotoluene	550,000 *	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
4-Isopropyltoluene	NSA	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
4-methyl-2-pentanone	530,000 *	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Acetone	6,100,000 *	ND	ug/kg		3.4 U	3.2 U	41	7.1 J	7 J	3.4 U	3.1 U	3.2 U	18 B	3.5 U	99
Benzene	1,100	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Bromobenzene	30,000 *	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Bromochloromethane	NSA	NSA	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Bromodichloromethane	270	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Bromoform	61,000	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Bromomethane	730 *	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Carbon disulfide	82,000 *	ND	ug/kg		1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U

Data Summary
Results for Lewiston-Porter Central School District
Anomaly Investigation-Surface Soil Samples

Sample Name Parent Sample Sample Date Sample Depth	EPA RSL	NFSS Background BTV (Surface Soils)	Units	C2-LPCSD-SO- A01-0.5	C2-LPCSD-SO- A02-0.5	C2-LPCSD-SO-A03 0.5	C2-LPCSD-SO- A04-0.5	C2-LPCSD-SO- A05-0.5	C2-LPCSD-SO- A06-0.5	C2-LPCSD-SO- A07-0.5	C2-LPCSD-SO- 0.5	C2-LPCSD-SO- A09-0.5	C2-LPCSD-SO- 0.5	C2-LPCSD-SO-A10 0.5
				8/25/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/25/2010 0 - 0.5 ft	8/25/2010 0 - 0.5 ft
Carbon tetrachloride	610	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Chlorobenzene	29,000 *	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Chloroethane	1,500,000 *	ND	ug/kg	3.4 U	3.2 U	3.9 U	3.3 U	3.4 U	3.1 U	3.1 U	3.2 U	3.5 U	3.5 U	3.4 U
Chloroform	290	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Chloromethane	12,000 *	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Cis-1,2-dichloroethene	78,000 *	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Cis-1,3-dichloropropene	1,700	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Cyclohexane	700,000 *	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Dibromochloromethane	680	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Dibromomethane	2,500 *	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Dichlorodifluoromethane	18,000 *	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Dichloromethane	11,000	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Ethylbenzene	5,400	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Isopropylbenzene	210,000 *	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
m,p-Xylene	63,000 *	NSA	ug/kg	2.3 U	2.1 U	2.6 U	2.2 U	2.3 U	2.3 U	2.1 U	2.2 U	2.3 U	2.3 U	2.3 U
Methyl acetate	7,800,000 *	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Methyl tert-butyl ether	43,000	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Methylcyclohexane	NSA	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
n-Butylbenzene	NSA	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
N-propylbenzene	340,000 *	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
o-Xylene	380,000 *	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Sec-butylbenzene	NSA	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Styrene	630,000 *	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Tert-butylbenzene	NSA	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Tetrachloroethene	550	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Toluene	500,000 *	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
trans-1,2-dichloroethene	15,000 *	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
trans-1,3-dichloropropene	1,700	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Trichloroethene	2,800	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Trichlorofluoromethane	79,000 *	NSA	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Vinyl chloride	60	ND	ug/kg	1.1 U	1.1 U	1.3 U	1.1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U
Xylenes, Total	63,000 *	ND	ug/kg	3.4 U	3.2 U	3.9 U	3.3 U	3.4 U	3.4 U	3.1 U	3.2 U	3.5 U	3.5 U	3.4 U
SEMIVOLATILE ORGANIC COMPOUNDS														
1,1-biphenyl	390,000 *	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
1,2,4-trichlorobenzene	2,200 *	ND	ug/kg	4.1 U	3.7 U	4.6 U	3.9 U	3.9 U	4.3 U	3.7 U	4 U	4 U	3.9 U	4 U
1,2-Diphenylhydrazine	610	NSA	ug/kg	10 U	9.4 U	11 U	9.7 U	9.7 U	11 U	9.3 U	10 U	10 U	9.9 U	10 U
1,4-dioxane	44,000	NSA	ug/kg	8.2 U	7.5 U	9.1 U	7.8 U	7.7 U	8.6 U	7.4 U	8 U	8 U	7.9 U	8.1 U
1-Methylnaphthalene	22,000	NSA	ug/kg	1.2 U	1.1 U	1.4 U	1.2 U	1.2 U	1.3 U	1.4 J	0.96 J	1.2 U	0.95 J	1.2 U
2,2-oxybis(1-chloropropane)	4,600	NSA	ug/kg	2.1 U	1.9 U	2.3 U	1.9 U	1.9 U	2.2 U	1.9 U	2 U	2 U	2 U	2 U
2,3,4,6-tetrachlorophenol	180,000 *	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
2,3,5,6-Tetrachlorophenol	NSA	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
2,4,5-trichlorophenol	610,000 *	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
2,4,6-trichlorophenol	4,400 *	NSA	ug/kg	12 U	11 U	14 U	12 U	12 U	13 U	11 U	12 U	12 U	12 U	12 U
2,4-dichlorophenol	18,000 *	NSA	ug/kg	1.2 U	1.1 U	1.4 U	1.2 U	1.2 U	1.3 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
2,4-dimethylphenol	120,000 *	NSA	ug/kg	12 U	11 U	14 U	12 U	12 U	13 U	11 U	12 U	12 U	12 U	12 U
2,4-dinitrophenol	12,000 *	NSA	ug/kg	100 U	94 U	110 U	97 U	97 U	110 U	93 U	100 U	99 U	99 U	100 U
2,6-Dichlorophenol	NSA	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
2-chloronaphthalene	630,000 *	NSA	ug/kg	1.2 U	1.1 U	1.4 U	1.2 U	1.2 U	1.3 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
2-chlorophenol	39,000 *	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
2-Methyl-4,6-dinitrophenol	490 *	NSA	ug/kg	41 U	37 U	46 U	39 U	39 U	43 U	37 U	40 U	40 U	39 U	40 U
2-methylnaphthalene	31,000 *	NSA	ug/kg	0.95 J	1.2 B	1.4 U	0.72 B	1.2 B	1.6 B	2.3 B	1.5 B	1.2 U	1.4 J	1.2 U
2-methylphenol	310,000 *	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
2-nitroaniline	61,000 *	ND	ug/kg	41 U	37 U	46 U	39 U	39 U	43 U	37 U	40 U	40 U	39 U	40 U
2-nitrophenol	2,900	ND	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
3,3-dichlorobenzidine	1,100	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
3-Methylphenol	NSA	NSA	ug/kg											
3-nitroaniline	610 *	ND	ug/kg	41 U	37 U	46 U	39 U	39 U	43 U	37 U	40 U	40 U	39 U	40 U
4-bromophenyl phenyl ether	NSA	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
4-chloro-3-methylphenol	610,000 *	ND	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
4-chloroaniline	2,400	ND	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
4-chlorophenyl phenyl ether	NSA	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
4-methylphenol	31,000 *	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
4-nitroaniline	24,000	ND	ug/kg	41 U	37 U	46 U	39 U	39 U	43 U	37 U	40 U	40 U	39 U	40 U

Data Summary
Results for Lewiston-Porter Central School District
Anomaly Investigation-Surface Soil Samples

Analyte	EPA RSL	NFSS Background BTV (Surface Soils)	Units	C2-LPCSD-SO-A01-0.5	C2-LPCSD-SO-A02-0.5	C2-LPCSD-SO-A03-0.5	C2-LPCSD-SO-A04-0.5	C2-LPCSD-SO-A05-0.5	C2-LPCSD-SO-A06-0.5	C2-LPCSD-SO-A07-0.5	C2-LPCSD-SO-A08-0.5	C2-LPCSD-SO-A09-0.5	C2-LPCSD-SO-A10-0.5	C2-LPCSD-SO-A10A-0.5
				Sample Name Parent Sample Sample Date Sample Depth	8/25/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft	8/24/2010 0 - 0.5 ft
4-nitrophenol	3,000 *	ND	ug/kg	31 U	28 U	34 U	29 U	29 U	32 U	28 U	30 U	30 U	30 U	30 U
Acenaphthene	340,000 *	ND	ug/kg	2 J	1.1 U	1.2 J	0.96 J	1.2 U	1.4 J	2.8 J	1.2 U	0.89 J	1.7 J	0.94 J
Acenaphthylene	340,000 *	ND	ug/kg	2.1 U	1.9 U	2.3 U	1.9 U	1.9 U	2.2 U	1.9 U	2 U	2 U	2 U	0.96 J
Aniline	8,500 *	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
Anthracene	1,700,000 *	ND	ug/kg	5.2 J	0.83 J	1.4 U	0.83 J	1.2 U	1.2 J	3.1 J	1.2 U	1.2 U	1.7 J	1.2 U
Benzidine	0.5	NSA	ug/kg	410 U	370 U	460 U	390 U	390 U	430 U	370 U	400 U	400 U	390 U	400 U
Benzo[a]anthracene	150	284	ug/kg	14	4.2 J	2.3 U	1.9 U	1.9 U	6.2 J	18	7.7 J	2 U	7.6 J	2 U
Benzo[a]pyrene	15	313	ug/kg	11	5.5 J	1.4 U	1.2 U	3.3 J	5 J	15	8.3	1.2 U	9.2	1.2 U
Benzo[b]fluoranthene	150	396	ug/kg	20	42	2.3 U	1.9 U	41	9	54	47	2 U	18	2 U
Benzo[g,h,i]perylene	170,000 *	ND	ug/kg	7.1 J	15	1.4 U	1.2 U	13	5.6 J	32	18	1.2 U	9.2	1.2 U
Benzo[k]fluoranthene	1,500	322	ug/kg	2.1 U	1.9 U	2.3 U	1.9 U	1.9 U	2.2 U	1.9 U	2 U	2 U	2 U	2 U
Benzoic acid	24,000,000 *	NSA	ug/kg	44 J	110 J	50 J	41 J	42 J	60 J	39 J	41 J	33 J	56 J	31 J
Benzyl alcohol	610,000 *	NSA	ug/kg	10 U	9.4 U	11 U	9.7 U	9.7 U	11 U	9.3 U	10 U	10 U	9.9 U	10 U
Benzyl butyl phthalate	260,000	ND	ug/kg	7.4 J	18 B	14 U	11 B	18 B	8.9 B	11 U	14 B	12 U	12 U	12 U
Bis(2-chloroethoxy) methane	18,000 *	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
Bis(2-chloroethyl) ether	210	NSA	ug/kg	2.1 U	1.9 U	2.3 U	1.9 U	1.9 U	2.2 U	1.9 U	2 U	2 U	2 U	2 U
Bis(2-ethylhexyl) phthalate	35,000	5,130	ug/kg	12 J	47 B	32 B	20 B	38 B	22 B	180 B	36 B	8.7 J	21 J	7.3 J
Caprolactam	3,100,000 *	NSA	ug/kg	41 U	37 U	47 U	39 U	46 U	43 U	37 U	40 U	40 U	39 U	40 U
Carbazole	NSA	ND	ug/kg	2.3 J	1.1 U	1.4 U	1.2 U	1.2 U	1.2 J	2.6 J	1.1 J	1.2 U	1.6 J	1.2 U
Chrysene	15,000	378	ug/kg	15	6.7 J	2.3 U	1.9 U	1.9 U	8.2 J	64	7.6 J	2 U	12	2 U
Dibenz[a,h]anthracene	15	ND	ug/kg	19	2.2 U	2.7 U	2.3 U	2.3 U	2.6 U	2.2 U	17	2.4 U	19	2.4 U
Dibenzofuran	7,800 *	ND	ug/kg	10 U	9.4 U	11 U	9.7 U	9.7 U	11 U	9.3 U	10 U	10 U	9.9 U	10 U
Diethyl phthalate	4,900,000 *	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
Dimethyl phthalate	NSA	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
Di-n-butyl phthalate	610,000 *	ND	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.1 J	6.5 U	5.3 J	6 U	6 U	5.9 U	6 U
Di-n-octyl phthalate	NSA	ND	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
Fluoranthene	230,000 *	889	ug/kg	26	18	1.5 J	0.88 J	16	9.7	29	23	2 U	13	2 U
Fluorene	230,000 *	ND	ug/kg	3 J	1.9 U	2.3 U	1.1 J	1.9 U	1.5 J	1.9 J	2 U	2 U	1.7 J	2 U
Hexachloro-1,3-butadiene	620 *	NSA	ug/kg	2.1 U	1.9 U	2.3 U	1.9 U	1.9 U	2.2 U	1.9 U	2 U	2 U	2 U	2 U
Hexachlorobenzene	300	ND	ug/kg	2.1 U	1.9 U	2.3 U	1.9 U	1.9 U	2.2 U	1.9 U	2 U	2 U	2 U	2 U
Hexachlorocyclopentadiene	37,000 *	ND	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
Hexachloroethane	3,500 *	ND	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
Indeno[1,2,3-c,d]pyrene	150	ND	ug/kg	25	17	1.4 U	1.2 U	16	24	26	20	1.2 U	25	1.2 U
Isophorone	510,000	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
Naphthalene	3,600	ND	ug/kg	1.2 U	1.1 U	1.4 U	1.2 U	1.8 J	1.3 U	2.6 J	1.2 U	1.2 U	1.2 U	1.2 U
n-Nitrosodimethylamine	2.3	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
N-nitrosodi-n-propylamine	69	NSA	ug/kg	2.1 U	1.9 U	2.3 U	1.9 U	1.9 U	2.2 U	1.9 U	2 U	2 U	2 U	2 U
N-nitrosodiphenylamine	99,000	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
N-Nitrosopyrrolidine	230	NSA	ug/kg	6.2 U	5.6 U	6.9 U	5.8 U	5.8 U	6.5 U	5.6 U	6 U	6 U	5.9 U	6 U
Pentachlorophenol	3,000	ND	ug/kg	8.2 U	7.5 U	9.1 U	7.8 U	7.7 U	8.6 U	7.4 U	8 U	8 U	7.9 U	8.1 U
Phenanthrene	3,600	538	ug/kg	23	8 B	4 B	4.4 B	7.3 B	8.6 B	15 B	10 B	1.9 J	9.2	2.9 J
Phenol	1,800,000 *	ND	ug/kg	2.1 U	3.1 J	2.3 U	1.9 U	1.9 U	2.2 U	1.9 U	2 U	2 U	2 U	2 U
Pyrene	170,000 *	716	ug/kg	23	9	1.4 J	1.2 U	4.7 J	8.6 J	20	13	1.2 U	12	1.2 U
Pyridine	7,800 *	NSA	ug/kg	4.1 U	3.7 U	4.6 U	3.9 U	3.9 U	4.3 U	3.7 U	4 U	4 U	3.9 U	4 U
POLYCHLORINATED BIPHENYLS														
Aroclor 1016	390 *	ND	ug/kg	0.2 U	0.19 U	0.23 U	0.19 U	0.19 U	0.22 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor 1221	140	ND	ug/kg	0.49 U	0.46 U	0.55 U	0.47 U	0.47 U	0.52 U	0.45 U	0.48 U	0.48 U	0.49 U	0.48 U
Aroclor 1232	140	ND	ug/kg	0.2 U	0.19 U	0.23 U	0.19 U	0.19 U	0.22 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor 1242	220	ND	ug/kg	0.2 U	0.19 U	0.23 U	0.19 U	0.19 U	0.22 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor 1248	220	ND	ug/kg	0.2 U	0.19 U	0.23 U	0.19 U	0.19 U	0.22 U	0.19 U	0.2 U	0.2 U	0.2 U	0.2 U
Aroclor 1254	22 *	ND	ug/kg	0.49 U	0.46 U	0.55 U	0.47 U	0.47 U	0.52 U	0.45 U	0.48 U	0.48 U	0.49 U	0.48 U
Aroclor 1260	220	ND	ug/kg	0.59 J	0.36 J	0.36 J	0.19 U	0.39 J	11	2.2 J	0.64 J	0.31 J	1.7	0.2 U
EXPLOSIVES														
1,3,5-Trinitrobenzene	220,000 *	NSA	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
1,3-Dinitrobenzene	610 *	NSA	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
2,4,6-trinitrotoluene	1,900 *	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
2,4-dinitrotoluene	1,600	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
2,6-dinitrotoluene	6,100 *	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
2-amino-4,6-dinitrotoluene	15,000 *	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
2-nitrotoluene	2,900	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
3-nitrotoluene	610 *	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
4-amino-2,6-dinitrotoluene	15,000 *	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
4-Nitrotoluene	3,000 *	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U

Data Summary
 Results for Lewiston-Porter Central School District
 Anomaly Investigation-Surface Soil Samples

Sample Name Parent Sample Sample Date Sample Depth				C2-LPCSD-SO-A01-0.5	C2-LPCSD-SO-A02-0.5	C2-LPCSD-SO-A03-0.5	C2-LPCSD-SO-A04-0.5	C2-LPCSD-SO-A05-0.5	C2-LPCSD-SO-A06-0.5	C2-LPCSD-SO-A07-0.5	C2-LPCSD-SO-A08-0.5	C2-LPCSD-SO-A09-0.5	C2-LPCSD-SO-A10-0.5	C2-LPCSD-SO-A10A-0.5
Analyte	EPA RSL	NFSS Background BTV (Surface Soils)	Units											
HMX	380,000 *	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
Nitrobenzene	4,800	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
RDX	5,500	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
Tetryl	24,000 *	ND	ug/kg	150 U	140 U	170 U	140 U	140 U	160 U	130 U	140 U	140 U	150 U	150 U
OTHER														
Percent Solids	NSA	NSA	%	81.2	87.2	72.1	85	86	77.1	89.7	83.3	83	81.9	82.7

EPA RSL = Residential Soil Regional Screening Level, May 2010

* Denotes a noncarcinogen, and the EPA RSL value has been adjusted by a factor of 0.1

Background Data are from the Baseline Risk Assessment Report for the Niagara Falls Storage Site (USACE 2007a, prepared by SAIC)

ND = Constituent not detected in background data set

NSA = No screening level available

Bold/shading indicates the detected concentration is above the EPA RSL and background BTV.

B = Indicates probable blank contamination

J = Estimated value

U = Not detected; the associated number is the reporting detection limit

Data Summary
Results for Lewiston-Porter Central School District
Anomaly Investigation-Subsurface Soil Samples

Analyte	EPA RSL	NFSS Background BTV (Total Soils)	Units	Sample Name	C2-LPCSD-SO-A01-4	C2-LPCSD-SO-A01-4DUP	C2-LPCSD-SO-A02-7	C2-LPCSD-SO-A03-4	C2-LPCSD-SO-A03-4DUP	C2-LPCSD-SO-A03-3	C2-LPCSD-SO-A05-4	C2-LPCSD-SO-A06-4	C2-LPCSD-SO-A07-3	C2-LPCSD-SO-A08-4	C2-LPCSD-SO-A09-4	C2-LPCSD-SO-A10-3	C2-LPCSD-SO-A10A-4			
				Parent Sample	C2-LPCSD-SO-A01-4			C2-LPCSD-SO-A03-4												
				Sample Date	8/25/2010	8/25/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/25/2010	8/25/2010	8/25/2010	8/25/2010
				Sample Depth	3.5 - 4 ft	3.5 - 4 ft	6.5 - 7 ft	3.5 - 4 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft	3.5 - 4 ft
METALS																				
Aluminum	7,700 *	19,100	mg/kg	8,650	8,320	9,840 J	9,350 J	8,980 J	8,920 J	9,990 J	11,700 J	9,190 J	9,530 J	10,700	11,100	7,980				
Antimony	3.1 *	0.94	mg/kg	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ				
Arsenic	0.39	8.73	mg/kg	4.5	4	5	5.6	2.8	4.6	4	3.7	2.4	2.9	3.7	2.7	0.85 J				
Barium	1,500 *	263	mg/kg	89.2	81.8	89.2	80.7	94.3	64.4	106	100	103	53.9	139	84.7	76.5				
Beryllium	16 *	1.0	mg/kg	0.55	0.54	0.5 B	0.7	0.55 B	0.6	0.7	0.71	0.52 B	0.55 B	0.69	0.55	0.48				
Boron	1,600 *	10.1	mg/kg	5.3 B	4.6 B	9 U	3.6 B	9 U	9 U	4.4 B	9 U	9 U	4 B	5.7 B	9 U	9 U				
Cadmium	7 *	0.53	mg/kg	0.088	0.072	0.14 B	0.064 B	0.062 B	0.076 B	0.069 B	0.037 B	0.12 B	0.057 B	0.07	0.07	0.032 J				
Calcium	NSA	58,900	mg/kg	39,600	41,500	2,200	49,400	51,200	31,700	39,400	13,800	2,550	46,700	58,400	1,600	1,250				
Chromium	0.29	25.8	mg/kg	14.6	14.4	12.3	16.6	16.1	15.9	17.4	20.1	13.2	17.2	19.7	14	11.7				
Cobalt	2.3 *	36.7	mg/kg	8.9	8.2	7.2	6.9	8.5	11	9.5	3.7	8.9	9.9	3.8	3.2					
Copper	310 *	36.8	mg/kg	26.6	25.9	16.7	33.8	24.8	27.4	28.7	28.5	13.5	21.1	20.3	11.1	14.9				
Iron	5,500 *	36,400	mg/kg	18,900	17,900	16,500	24,600	18,700	21,300	22,300	22,700	13,200	19,000	21,200	13,300	5,520				
Lead	400 *	37.6	mg/kg	5.7	5.2	9.2	6.8	6	6.1	7	6.8	8.8	6	5.8	10.4	5.7				
Lithium	16 *	36.8	mg/kg	19.8	12.4	19.4	19.2	19.1	22.1	24.2	14.8	23.6	28.3	15.8	12.6					
Magnesium	NSA	14,800	mg/kg	6,810 J	7,030 J	2,210 J	7,220 J	7,570 J	6,100 J	7,760 J	6,430 J	2,000 J	8,620 J	9,050 J	1,880 J	1,430 J				
Manganese	180 *	6,650	mg/kg	542 J	770 J	853	514	505	594	664	502	112	535	569 J	107 J	33.7 J				
Mercury	0.56 *	0.27	mg/kg	0.011 B	0.016 B	0.021 B	0.014 B	0.0083 B	0.029 B	0.012 B	0.018 B	0.029 B	0.011 B	0.0087 B	0.03 B	0.049 B				
Nickel	150 *	38	mg/kg	18.9	16.7	10.8	19.6	17.4	19.9	21.4	22.8	11.8	19.6	22.6	10.9	8.6				
Potassium	NSA	2,860	mg/kg	996 J	969 J	442 J	1,050 J	976 J	898 J	905 J	1,060 J	575 J	1,220 J	1,610 J	824 J	456 J				
Selenium	39 *	0.37	mg/kg	1.3	1.3	1.1	1.3	1.2	1.4	1.5	1.4	1.4	1.2	1.2	0.91	1				
Silver	39 *	0.27	mg/kg	0.033 J	0.038 J	0.034 J	0.042 J	0.045 J	0.042 J	0.051 J	0.049 J	0.044 J	0.047 J	0.054 J	0.042 J	0.029 J				
Sodium	NSA	331	mg/kg	75.3	76.2	46.1	77.1	89.1	77.3	90.7	68.7	35.8	113	150	59.5	37.4				
Thallium	NSA	NSA	mg/kg	0.34 B	0.2 B	0.18 B	0.12 B	0.1 B	0.14 B	0.32 B	0.11 B	0.32 B	0.13 B	0.14 B	0.17 B	0.11 B				
Vanadium	39 *	35.2	mg/kg	21.6	20.5	23.9	29.2	22	24.8	28.2	26.5	19.6	22.5	25.2	20.5	11.9				
Zinc	2,300 *	266	mg/kg	36.2 J	34.1 J	30.4 J	39.3 J	37.6 J	40.6 J	39.7 J	47.2 J	30.2 J	42.3 J	46.8 J	34.7 J	20.9 J				
VOLATILE ORGANIC COMPOUNDS																				
1,1,1,2-tetrachloroethane	1,900	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,1,1-trichloroethane	870,000 *	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,1,2,2-tetrachloroethane	560	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,1,2-Trichloro-1,2,2-trifluoroethane	4,300,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,1,2-trichloroethane	1,100	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,1-dichloroethane	3,300	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,1-dichloroethene	24,000 *	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,1-dichloropropene	NSA	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,2,3-trichlorobenzene	4,900 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	3.9 J	1 U	1.1 U	1 U	1.2 U				
1,2,3-trichloropropane	5	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,2,4-trimethylbenzene	6,200 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,2-Dibromo-3-chloropropane	5.4	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,2-dibromoethane	34	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,2-dichlorobenzene	190,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,2-dichloroethane	430	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,2-dichloroethene	70,000 *	NSA	ug/kg	2.1 U	1.9 U	2.2 U	2.1 U	1.9 U	2.4 U	2 U	2.1 U	2 U	2.1 U	2.2 U	2.1 U	2.4 U				
1,2-dichloropropane	890	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,3,5-trimethylbenzene	78,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,3-dichlorobenzene	NSA	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,3-dichloropropane	160,000 *	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
1,4-dichlorobenzene	2,400	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
2,2-dichloropropane	NSA	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
2-butanone	2,800,000 *	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
2-chlorotoluene	160,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
2-hexanone	21,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
4-chlorotoluene	550,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
4-Isopropyltoluene	NSA	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
4-methyl-2-pentanone	530,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
Acetone	6,100,000 *	ND	ug/kg	3.1 U	9.1 B	8.6 J	20 J	2.9 U	3.5 U	2.9 U	3.1 U	3 U	7.2 J	3.3 U	3.1 U	3.6 U				
Benzene	1,100	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
Bromobenzene	30,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
Bromochloromethane	NSA	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
Bromodichloromethane	270	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
Bromoform	61,000	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
Bromomethane	730 *	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
Carbon disulfide	82,000 *	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
Carbon tetrachloride	610	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
Chlorobenzene	29,000 *	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				
Chloroethane	1,500,000 *	ND	ug/kg	3.1 U	2.8 U	3.3 U	3.2 U	2.9 U	3.5 U	2.9 U	3.1 U	3 U	3.1 U	3.3 U	3.1 U	3.6 U				
Chloroform	290	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.2 U				

Data Summary
Results for Lewiston-Porter Central School District
Anomaly Investigation-Subsurface Soil Samples

Analyte	EPA RSL	NFSS Background BTV (Total Soils)	Units	Sample Name	C2-LPCSD-SO-A01-4	C2-LPCSD-SO-A01-4DUP	C2-LPCSD-SO-A02-7	C2-LPCSD-SO-A03-4	C2-LPCSD-SO-A03-4DUP	C2-LPCSD-SO-A04-3	C2-LPCSD-SO-A05-4	C2-LPCSD-SO-A06-4	C2-LPCSD-SO-A07-3	C2-LPCSD-SO-A08-4	C2-LPCSD-SO-A09-4	C2-LPCSD-SO-A10-3	C2-LPCSD-SO-A10A-4			
				Parent Sample	C2-LPCSD-SO-A01-4			C2-LPCSD-SO-A03-4												
				Sample Date	8/25/2010	8/25/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/25/2010	8/25/2010	8/25/2010	8/25/2010
				Sample Depth	3.5 - 4 ft	3.5 - 4 ft	6.5 - 7 ft	3.5 - 4 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft	3.5 - 4 ft
Cyclohexane	700,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Dibromochloromethane	680	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Dibromomethane	2,500 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Dichlorodifluoromethane	18,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Dichloromethane	11,000	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Ethylbenzene	5,400	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Isopropylbenzene	210,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
m,p-Xylene	63,000 *	NSA	ug/kg	2.1 U	1.9 U	2.2 U	2.1 U	1.9 U	2.4 U	2 U	2.1 U	2 U	2.1 U	2.2 U	2.1 U	2.4 U	2.4 U			
Methyl acetate	7,800,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Methyl tert-butyl ether	43,000	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Methylcyclohexane	NSA	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
n-Butylbenzene	NSA	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
N-propylbenzene	340,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
o-Xylene	380,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Sec-butylbenzene	NSA	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Styrene	630,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Tert-butylbenzene	NSA	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Tetrachloroethene	550	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Toluene	500,000 *	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
trans-1,2-dichloroethene	15,000 *	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
trans-1,3-dichloropropene	1,700	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Trichloroethene	2,800	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Trichlorofluoromethane	79,000 *	NSA	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Vinyl chloride	60	ND	ug/kg	1 U	0.94 U	1.1 U	1.1 U	0.97 U	1.2 U	0.98 U	1 U	0.99 U	1 U	1.1 U	1 U	1.1 U	1.2 U			
Xylenes, Total	63,000 *	ND	ug/kg	3.1 U	2.8 U	3.3 U	3.2 U	2.9 U	3.5 U	2.9 U	3.1 U	3 U	3.1 U	3.3 U	3.1 U	3.6 U	3.6 U			
SEMIVOLATILE ORGANIC COMPOUNDS																				
1,1-biphenyl	390,000 *	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
1,2,4-trichlorobenzene	2,200 *	ND	ug/kg	3.7 U	3.6 U	3.7 U	3.6 U	3.7 U	3.6 U	3.7 U	3.7 U	3.9 U	3.7 U	3.8 U	4 U	3.7 U	3.7 U			
1,2-Diphenylhydrazine	610	NSA	ug/kg	9.2 U	9 U	9.3 U	9.1 U	9.4 U	9.3 U	9.4 U	9.3 U	9.7 U	9.3 U	9.5 U	10 U	9.3 U	9.3 U			
1,4-dioxane	44,000	NSA	ug/kg	7.3 U	7.2 U	7.4 U	7.3 U	7.5 U	7.3 U	7.5 U	7.4 U	7.7 U	7.4 U	7.6 U	8 U	7.4 U	7.4 U			
1-Methylnaphthalene	22,000	NSA	ug/kg	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U			
2,2-oxylbis(1-chloropropane)	4,600	NSA	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U			
2,3,4,6-tetrachlorophenol	180,000 *	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
2,3,5,6-Tetrachlorophenol	NSA	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
2,4,5-trichlorophenol	610,000 *	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
2,4,6-trichlorophenol	4,400 *	NSA	ug/kg	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U			
2,4-dichlorophenol	18,000 *	NSA	ug/kg	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U			
2,4-dimethylphenol	120,000 *	NSA	ug/kg	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	12 U	11 U	11 U	12 U	11 U	11 U			
2,4-dinitrophenol	12,000 *	NSA	ug/kg	92 U	90 U	93 U	91 U	94 U	91 U	93 U	93 U	97 U	93 U	95 U	100 U	93 U	93 U			
2,6-Dichlorophenol	NSA	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
2-chloronaphthalene	630,000 *	NSA	ug/kg	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U			
2-chlorophenol	39,000 *	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
2-Methyl-4,6-dinitrophenol	490 *	NSA	ug/kg	37 U	36 U	37 U	36 U	37 U	36 U	37 U	37 U	39 U	37 U	38 U	40 U	37 U	37 U			
2-methylnaphthalene	31,000 *	NSA	ug/kg	1.1 U	1.1 U	1.5 B	1.1 U	0.73 B	0.76 B	1.1 U	0.91 B	1.1 U	1.1 U	1.1 U	1.1 J	0.81 J	0.81 J			
2-methylphenol	310,000 *	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
2-nitroaniline	61,000 *	ND	ug/kg	37 U	36 U	37 U	36 U	37 U	36 U	37 U	37 U	39 U	37 U	38 U	40 U	37 U	37 U			
2-nitrophenol	2,900	ND	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
3,3-dichlorobenzidine	1,100	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
3-Methylphenol	NSA	NSA	ug/kg																	
3-nitroaniline	610 *	ND	ug/kg	37 U	36 U	37 U	36 U	37 U	36 U	37 U	37 U	39 U	37 U	38 U	40 U	37 U	37 U			
4-bromophenyl phenyl ether	NSA	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
4-chloro-3-methylphenol	610,000 *	ND	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
4-chloroaniline	2,400	ND	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
4-chlorophenyl phenyl ether	NSA	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
4-methylphenol	31,000 *	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
4-nitroaniline	24,000	ND	ug/kg	37 U	36 U	37 U	36 U	37 U	36 U	37 U	37 U	39 U	37 U	38 U	40 U	37 U	37 U			
4-nitrophenol	3,000 *	ND	ug/kg	28 U	27 U	28 U	27 U	28 U	27 U	28 U	28 U	29 U	28 U	29 U	30 U	28 U	28 U			
Acenaphthene	340,000 *	79	ug/kg	1.1 U	1.1 U	1.1 U	1.1 U	0.76 J	1.5 J	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U			
Acenaphthylene	340,000 *	ND	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U			
Aniline	8,500 *	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U	5.6 U			
Anthracene	1,700,000 *	8	ug/kg	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U			
Benzidine	0.5	NSA	ug/kg	370 U	360 U	370 U	360 U	370 U	360 U	370 U	370 U	390 U	370 U	380 U	400 U	370 U	370 U			
Benzo[a]anthracene	150	284	ug/kg	1.8 U	1.8 U	3.4 J	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	4.8 J	2.2 J	2.2 J			
Benzo[a]pyrene	15	313	ug/kg	1.1 U	1.1 U	3.4 J	1.1 U	1.1 U	1.1 U											

Data Summary
Results for Lewiston-Porter Central School District
Anomaly Investigation-Subsurface Soil Samples

Analyte	EPA RSL	NFSS Background BTV (Total Soils)	Units	Sample Name	C2-LPCSD-SO-A01-4	C2-LPCSD-SO-A01-4DUP	C2-LPCSD-SO-A02-7	C2-LPCSD-SO-A03-4	C2-LPCSD-SO-A03-4DUP	C2-LPCSD-SO-A04-3	C2-LPCSD-SO-A05-4	C2-LPCSD-SO-A06-4	C2-LPCSD-SO-A07-3	C2-LPCSD-SO-A08-4	C2-LPCSD-SO-A09-4	C2-LPCSD-SO-A10-3	C2-LPCSD-SO-A10A-4			
				Parent Sample	C2-LPCSD-SO-A01-4			C2-LPCSD-SO-A03-4												
				Sample Date	8/25/2010	8/25/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/24/2010	8/25/2010	8/25/2010	8/25/2010	8/25/2010
				Sample Depth	3.5 - 4 ft	3.5 - 4 ft	6.5 - 7 ft	3.5 - 4 ft	3.5 - 4 ft	3.5 - 4 ft	3.5 - 4 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft	3.5 - 4 ft	2.5 - 3 ft	3.5 - 4 ft
Bis(2-chloroethoxy) methane	18,000 *	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U			
Bis(2-chloroethyl) ether	210	NSA	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	1.9 U			
Bis(2-ethylhexyl) phthalate	35,000	5,130	ug/kg	6.6 J	12 J	19 B	13 B	16 B	14 B	23 B	22 B	13 B	9.8 J	54 J	10 J					
Caprolactam	3,100,000 *	NSA	ug/kg	37 U	36 U	37 U	36 U	37 U	36 U	37 U	37 U	37 U	39 U	37 U	38 U	40 U	37 U			
Carbazole	NSA	NSA	ug/kg	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U			
Chrysene	15,000	378	ug/kg	1.8 U	1.8 U	6.1 J	1.8 U	1.9 U	1.8 U	2.8 J	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	7.2 J	2.3 J			
Dibenz[a,h]anthracene	15	2.7	ug/kg	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.3 U	2.3 U	2.3 U	2.4 U	2.2 U				
Dibenzofuran	7,800 *	NSA	ug/kg	9.2 U	9 U	9.3 U	9.1 U	9.4 U	9.1 U	9.4 U	9.3 U	9.7 U	9.3 U	9.5 U	10 U	9.3 U				
Diethyl phthalate	4,900,000 *	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U				
Dimethyl phthalate	NSA	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U				
Di-n-butyl phthalate	610,000 *	ND	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	4.6 J	5.6 U	5.6 U	5.6 U	4.9 J	5.6 U	5.7 U	6 U	5.6 U			
Di-n-octyl phthalate	NSA	ND	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U				
Fluoranthene	230,000 *	889	ug/kg	1.8 U	1.8 U	1.7	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.2	1.6	1.9 U	1.9 U	9.4	2.2 J			
Fluorene	230,000 *	2.9	ug/kg	1.8 U	1.8 U	1.7 J	1.8 U	1.9 U	1.3 J	1.9 U	1.9 U	1.2 J	1.9 U	1.9 U	2 U	1.9 U				
Hexachloro-1,3-butadiene	620 *	NSA	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	1.9 U			
Hexachlorobenzene	300	ND	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	1.9 U				
Hexachlorocyclopentadiene	37,000 *	ND	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U				
Hexachloroethane	3,500 *	ND	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U				
Indeno[1,2,3-c.d]pyrene	150	8.8	ug/kg	1.1 U	1.1 U	1.6	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.6	1.1 U	1.1 U	23	1.1 U			
Isophorone	510,000	ND	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U				
Naphthalene	3,600	ND	ug/kg	1.1 U	1.1 U	1.6 J	1.1 U	1.1 U	1.1 J	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U				
n-Nitrosodimethylamine	2.3	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U				
N-nitrosodi-n-propylamine	69	NSA	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2 U	1.9 U				
N-nitrosodiphenylamine	99,000	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U				
N-Nitrosopyrrolidine	230	NSA	ug/kg	5.5 U	5.4 U	5.6 U	5.5 U	5.6 U	5.5 U	5.6 U	5.6 U	5.8 U	5.6 U	5.7 U	6 U	5.6 U				
Pentachlorophenol	3,000	110	ug/kg	7.3 U	7.2 U	7.4 U	7.3 U	7.5 U	7.3 U	7.5 U	7.4 U	7.7 U	7.4 U	7.6 U	8 U	7.4 U				
Phenanthrene	3,600	538	ug/kg	1.5 J	1.4 J	6.8 B	2.5 B	3.3 B	3.8 B	3.6 B	3.3 B	5.4 B	2.5 B	2.1	5.9 J	3 J				
Phenol	1,800,000 *	ND	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.4 J	1.9 U	1.9 U	2 U	1.9 U				
Pyrene	170,000 *	716	ug/kg	1.1 U	1.1 U	5.1 J	0.8 J	1 J	1.1 U	1.1 U	1.1 U	4.1 J	1.1 U	1.1 U	6.9 J	2.5 J				
Pyridine	7,800 *	NSA	ug/kg	3.7 U	3.6 U	3.7 U	3.6 U	3.7 U	3.6 U	3.7 U	3.7 U	3.9 U	3.7 U	3.8 U	4 U	3.7 U				
POLYCHLORINATED BIPHENYLS																				
Aroclor 1016	390 *	ND	ug/kg	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U			
Aroclor 1221	140	ND	ug/kg	0.44 U	0.44 U	0.44 U	0.44 U	0.45 U	0.44 U	0.45 U	0.44 U	0.47 U	0.45 U	0.45 U	0.47 U	0.45 U				
Aroclor 1232	140	ND	ug/kg	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U				
Aroclor 1242	220	ND	ug/kg	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U				
Aroclor 1248	220	ND	ug/kg	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U				
Aroclor 1254	22 *	ND	ug/kg	0.44 U	0.44 U	0.44 U	0.44 U	0.45 U	0.44 U	0.45 U	0.44 U	0.47 U	0.45 U	0.45 U	0.47 U	0.45 U				
Aroclor 1260	220	ND	ug/kg	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.55 J	0.19 U	0.19 U	0.75 J	0.5 J				
EXPLOSIVES																				
1,3,5-Trinitrobenzene	220,000 *	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U			
1,3-Dinitrobenzene	610 *	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
2,4,6-trinitrotoluene	1,900 *	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
2,4-dinitrotoluene	1,600	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
2,6-dinitrotoluene	6,100 *	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
2-amino-4,6-dinitrotoluene	15,000 *	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
2-nitrotoluene	2,900	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
3-nitrotoluene	610 *	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
4-amino-2,6-dinitrotoluene	15,000 *	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
4-Nitrotoluene	3,000 *	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
HMX	380,000 *	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
Nitrobenzene	4,800	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
RDX	5,500	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
Tetryl	24,000 *	ND	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	140 U	130 U	140 U	140 U	140 U	140 U	140 U	140 U			
OTHER																				
Percent Solids	NSA	NSA	%	89.7	90.4	89.9	89.5	89	91.4	88.2	89.4	84.5	88.6	87.6	83.5	88				

EPA RSL = Residential Soil Regional Screening Level, May 201

* Denotes a noncarcinogen, and the EPA RSL value has been adjusted by a factor of 0.

Background Data are from the Baseline Risk Assessment Report for the Niagara Falls Storage Site (USACE 2007a, prepared by SAIC)

ND = Constituent not detected in background data set

NSA = No screening level available

Bold/shading indicates the detected concentration is above the EPA RSL and background

B = Indicates probable blank contaminator

J = Estimated value

U = Not detected; the associated number is the reporting detection limit

Data Summary
Results for the Southwest Drainage Ditch
Sediment Samples

					Sample Name	C2-SWDD-SO-01-1	C2-SWDD-SO-01-1DUP	C2-SWDD-SO-02-1	C2-SWDD-SO-03-1	C2-SWDD-SO-04-1	C2-SWDD-SO-05-1	C2-SWDD-SO-06-1
					Parent Sample	8/25/2010	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
					Sample Date	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft
					Sample Depth							
					Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analyte	EPA RSL	RSL Note	Eco Sediment Screen	NFSS Background BTV (Sediment)	Units							
METALS												
Aluminum	7,700 *	n	NSA	30,400	mg/kg	7,220	6,220	6,410	4,010	5,040	4,470	8,150
Antimony	3.1 *	n	NSA	5.03	mg/kg	0.6 UJ	0.6 UJ	0.6 UJ	0.17 J	0.6 UJ	0.6 UJ	0.6 UJ
Arsenic	0.39	c*	9.79	7.14	mg/kg	3.6	2.4	6.7	2	1.6	1.7	2.5
Barium	1,500 *	n	NSA	246	mg/kg	68.4	68.8	58	42.4	49.5	46.6	81.7
Beryllium	16 *	n	NSA	1.44	mg/kg	0.42	0.36	0.37	0.22	0.27	0.24	0.49
Boron	1,600 *	n	NSA	31.4	mg/kg	3.9 B	9 U	8.8 B	8.9 B	6.4 B	7.6 B	9.5 B
Cadmium	7 *	n	0.99	1.89	mg/kg	0.14	0.11	0.27	0.21	0.17	0.22	0.11
Calcium	NSA		NSA	59,400	mg/kg	16,600	26,200	9,740	10,800	10,600	15,400	33,700
Chromium	0.29	c	43.4	472	mg/kg	14.5	11.2	12.1	9.9	8.2	8	12.2
Cobalt	2.3 *	n	NSA	21.3	mg/kg	6.5	8.5	5.6	3.7	4.1	4	9
Copper	310 *	n	31.6	184	mg/kg	23.9	19.2	21.8	19.4	12.4	12.5	19.2
Iron	5,500 *	n	NSA	37,800	mg/kg	14,300	12,700	15,400	7,840	9,370	8,710	17,100
Lead	400 *	n	35.8	121	mg/kg	11.1	10.5	23.9	18.4	9.9	10	9.9
Lithium	16 *	n	NSA	47	mg/kg	16.6	15	13	7.4	9.5	8.2	17.5
Magnesium	NSA		NSA	27,300	mg/kg	5,400 J	4,980 J	4,080	3,180	3,070	3,110	8,840
Manganese	180 *	n	NSA	814	mg/kg	326 J	424 J	344 J	240 J	302 J	321 J	523 J
Mercury	0.56 *	ns	0.18	0.47	mg/kg	0.014 B	0.014 B	0.053 B	0.043 B	0.033 J	0.044 B	0.0091 B
Nickel	150 *	n	22.7	51.90	mg/kg	15.1	15.9	14.3	7.9	9.4	8.5	17
Potassium	NSA		NSA	5,070	mg/kg	1,070 J	934 J	941 J	611 J	734 J	667 J	1,150 J
Selenium	39 *	n	NSA	1.87	mg/kg	1	0.93	1.2	0.72	0.78	0.94	1.7
Silver	39 *	n	NSA	0.742	mg/kg	0.068 J	0.052 J	0.07 J	0.066 J	0.053 J	0.052 J	0.03 J
Sodium	NSA		NSA	679	mg/kg	118	100	116	123	138	147	107
Thallium	NSA		NSA	0.356	mg/kg	0.094 B	0.08 B	0.13 B	0.097 B	0.066 B	0.082 B	0.26 B
Vanadium	39 *	n	NSA	61	mg/kg	17.4	15.5	15.4	8.8	9.5	9	17.7
Zinc	2,300 *	n	121	405	mg/kg	46.1 J	37.4 J	57	77.1	71.3	74.3	70.4
VOLATILE ORGANIC COMPOUNDS												
1,1,1,2-tetrachloroethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,1,1-trichloroethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,1,2,2-tetrachloroethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,1,2-trichloroethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,1-dichloroethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,1-dichloroethene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,1-dichloropropene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,2,3-trichlorobenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,2,3-trichloropropane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,2,4-trimethylbenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,2-Dibromo-3-chloropropane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,2-dibromoethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,2-dichlorobenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,2-dichloroethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,2-dichloroethene					ug/kg	2.3 U	2.9 U	2.5 U	5.5 U	7.1 U	6.8 U	2.4 U
1,2-dichloropropane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,3,5-trimethylbenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,3-dichlorobenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,3-dichloropropane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
1,4-dichlorobenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
2,2-dichloropropane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
2-butanone	2,800,000 *	n	NSA	49.3	ug/kg	5.8	16	2.3 J	2.7 U	3.6 U	72	13
2-chlorotoluene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
2-hexanone					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
4-chlorotoluene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
4-Isopropyltoluene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
4-methyl-2-pentanone					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Acetone	6,100,000 *	n	NSA	206	ug/kg	28 B	53 B	7.8 J	8.2 U	11 U	160	38
Benzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Bromobenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Bromochloromethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Bromodichloromethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Bromoform					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Bromomethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Carbon disulfide	82,000 *	ns	NSA	ND	ug/kg	0.67 B	1.5 U	1.3 U	2.8 B	3.6 U	3.4 U	0.94 B
Carbon tetrachloride					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Chlorobenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Chloroethane					ug/kg	3.4 U	4.4 U	3.8 U	8.2 U	11 U	10 U	3.7 U
Chloroform					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Chloromethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Cis-1,2-dichloroethene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Cis-1,3-dichloropropene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Cyclohexane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U

Data Summary
Results for the Southwest Drainage Ditch
Sediment Samples

					Sample Name	C2-SWDD-SO-01-1	C2-SWDD-SO-01-1DUP	C2-SWDD-SO-02-1	C2-SWDD-SO-03-1	C2-SWDD-SO-04-1	C2-SWDD-SO-05-1	C2-SWDD-SO-06-1
					Parent Sample	8/25/2010	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
					Sample Date	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft
					Sample Depth							
					Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analyte	EPA RSL	RSL Note	Eco Sediment Screen	NFSS Background BTV (Sediment)	Units							
Dibromochloromethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Dibromomethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Dichlorodifluoromethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Dichloromethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Ethylbenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Isopropylbenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
m,p-Xylene					ug/kg	2.3 U	2.9 U	2.5 U	5.5 U	7.1 U	6.8 U	2.4 U
Methyl acetate					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Methyl tert-butyl ether					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Methylcyclohexane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
n-Butylbenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
N-propylbenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
o-Xylene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Sec-butylbenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Styrene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Tert-butylbenzene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Tetrachloroethene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Toluene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
trans-1,2-dichloroethene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
trans-1,3-dichloropropene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Trichloroethene					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Trichlorofluoromethane					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Vinyl chloride					ug/kg	1.1 U	1.5 U	1.3 U	2.7 U	3.6 U	3.4 U	1.2 U
Xylenes, Total					ug/kg	3.4 U	4.4 U	3.8 U	8.2 U	11 U	10 U	3.7 U
SEMIVOLATILE ORGANIC COMPOUNDS												
1,1-biphenyl					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
1,2,4-trichlorobenzene					ug/kg	15 U	26 U	19 U	45 U	54 U	49 U	20 U
1,2-Diphenylhydrazine					ug/kg	39 U	64 U	48 U	110 U	140 U	120 U	50 U
1,4-dioxane	44,000	c	NSA	NSA	ug/kg	31 U	51 U	38 U	280 J	110 U	98 U	40 U
1-Methylnaphthalene	22,000	c	NSA	NSA	ug/kg	4.6 U	6 J	5.8 U	47 J	16 U	15 U	6 U
2,2-oxybis(1-chloropropane)					ug/kg	7.7 U	13 U	9.6 U	23 U	27 U	25 U	10 U
2,3,4,6-tetrachlorophenol					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
2,3,5,6-Tetrachlorophenol					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
2,4,5-trichlorophenol					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
2,4,6-trichlorophenol					ug/kg	46 U	77 U	58 U	140 U	160 U	150 U	60 U
2,4-dichlorophenol					ug/kg	4.6 U	7.7 U	5.8 U	14 U	16 U	15 U	6 U
2,4-dimethylphenol					ug/kg	46 U	77 U	58 U	140 U	160 U	150 U	60 U
2,4-dinitrophenol					ug/kg	390 U	640 U	480 U	1 U	1 U	1 U	500 U
2,6-Dichlorophenol					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
2-chloronaphthalene					ug/kg	4.6 U	7.7 U	5.8 U	14 U	16 U	15 U	6 U
2-chlorophenol					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
2-Methyl-4,6-dinitrophenol					ug/kg	150 U	260 U	190 U	450 U	540 U	490 U	200 U
2-methylnaphthalene	31,000 *	n	NSA	ND	ug/kg	4.6 J	7.7 J	5.5 J	51 J	16 U	11 J	6 U
2-methylphenol	310,000 *	n	NSA	NSA	ug/kg	23 U	38 U	29 U	670 J	81 U	74 U	30 U
2-nitroaniline					ug/kg	150 U	260 U	190 U	450 U	540 U	490 U	200 U
2-nitrophenol					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
3,3-dichlorobenzidine					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
3-Methylphenol					ug/kg	---	---	29 U	68 U	81 U	74 U	30 U
3-nitroaniline					ug/kg	150 U	260 U	190 U	450 U	540 U	490 U	200 U
4-bromophenyl phenyl ether					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
4-chloro-3-methylphenol					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
4-chloroaniline					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
4-chlorophenyl phenyl ether					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
4-methylphenol					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
4-nitroaniline					ug/kg	150 U	260 U	190 U	450 U	540 U	490 U	200 U
4-nitrophenol					ug/kg	120 U	190 U	140 U	340 U	410 U	370 U	150 U
Acenaphthene	340,000 *	n	NSA	ND	ug/kg	20 J	29 J	23 J	360	25 J	40 J	9.1 J
Acenaphthylene	340,000 *	n	NSA	134	ug/kg	12 J	23 J	9.7 J	150	58 J	50 J	10 J
Aniline	8,500 *	n	NSA	NSA	ug/kg	23 U	38 U	29 U	68 U	81 U	86 J	30 U
Anthracene	1,700,000 *	n	57.2	ND	ug/kg	37	58	49	1,000	74 J	87 J	11 J
Benzidine					ug/kg	1 U	2 U	1 U	4 U	5 U	4 U	2 U
Benzo[a]anthracene	150	c	108	399	ug/kg	250	400	140	5300	330	370	38 J
Benzo[a]pyrene	15	c	150	618	ug/kg	330	590	140	7500	500	430	37 J
Benzo[b]fluoranthene	150	c	NSA	1,090	ug/kg	690	1,200	190	12000	680	550	42
Benzo[g,h,i]perylene	170,000 *	n	NSA	179	ug/kg	310	530	100	5,600	540	390	24 J
Benzo[k]fluoranthene	1,500	c	NSA	381	ug/kg	7.7 U	13 U	79	4,300	330	220	20 J
Benzoic acid	24,000,000 *	nm	NSA	ND	ug/kg	150 J	240 J	110 J	490 J	350 J	300 J	190 J
Benzyl alcohol					ug/kg	39 U	64 U	48 U	110 U	140 U	120 U	50 U
Butyl benzyl phthalate	260,000	c*	NSA	NSA	ug/kg	46 U	77 U	58 U	140 U	140 U	150 U	60 U
Bis(2-chloroethoxy) methane					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
Bis(2-chloroethyl) ether					ug/kg	7.7 U	13 U	9.6 U	23 U	27 U	25 U	10 U

Data Summary
Results for the Southwest Drainage Ditch
Sediment Samples

					Sample Name	C2-SWDD-SO-01-1	C2-SWDD-SO-01-1DUP	C2-SWDD-SO-02-1	C2-SWDD-SO-03-1	C2-SWDD-SO-04-1	C2-SWDD-SO-05-1	C2-SWDD-SO-06-1
					Parent Sample	8/25/2010	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
					Sample Date	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft
					Sample Depth							
					Matrix	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analyte	EPA RSL	RSL Note	Eco Sediment Screen	NFSS Background BTV (Sediment)	Units							
Bis(2-ethylhexyl) phthalate	35,000	c*	NSA	31,300	ug/kg	51 J	95 J	250 B	770 B	170 B	140 B	60 U
Caprolactam					ug/kg	150 U	260 U	190 U	450 U	540 U	490 U	200 U
Carbazole	NSA		NSA	ND	ug/kg	38	64	31 J	1,100	67 J	67 J	6 U
Chrysene	15,000	c	166	470	ug/kg	320	520	160	8,500	550	470	43
Dibenz[a,h]anthracene	15	c	33	ND	ug/kg	130	230	23 J	1,300	86 J	59 J	8.6 J
Dibenzofuran	7,800	* n	NSA	ND	ug/kg	39 U	64 U	48 U	210 J	140 U	120 U	50 U
Diethyl phthalate	4,900,000	* n	NSA	ND	ug/kg	23 U	38 U	32 J	68 U	81 U	74 U	30 U
Dimethyl phthalate					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
Di-n-butyl phthalate					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
Di-n-octyl phthalate	NSA		NSA	ND	ug/kg	23 U	38 U	29 U	84 J	81 U	74 U	30 U
Fluoranthene	230,000	* n	423	696	ug/kg	580	990	340	18,000	980	810	73
Fluorene	230,000	* n	77.4	ND	ug/kg	19 J	32 J	21 J	390	34 J	45 J	10 U
Hexachloro-1,3-butadiene					ug/kg	7.7 U	13 U	9.6 U	23 U	27 U	25 U	10 U
Hexachlorobenzene					ug/kg	7.7 U	13 U	9.6 U	23 U	27 U	25 U	10 U
Hexachlorocyclopentadiene					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
Hexachloroethane					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
Indeno[1,2,3-c,d]pyrene	150	c	NSA	265	ug/kg	300	540	91	5,300	410	310	20 J
Isophorone					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
Naphthalene	3,600	c*	176	ND	ug/kg	6.2 J	11 J	5.8 U	140	16 U	15 U	6 U
n-Nitrosodimethylamine					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
N-nitrosodi-n-propylamine					ug/kg	7.7 U	13 U	9.6 U	23 U	27 U	25 U	10 U
N-nitrosodiphenylamine					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
N-Nitrosopyrrolidine					ug/kg	23 U	38 U	29 U	68 U	81 U	74 U	30 U
Pentachlorophenol					ug/kg	31 U	51 U	38 U	90 U	110 U	98 U	40 U
Phenanthrene	3,600	c*	204	169	ug/kg	180	300	150	6,800	310	370	24 B
Phenol	1,800,000	* n	NSA	ND	ug/kg	7.7 U	13 U	9.6 U	22 J	27 U	15 J	10 U
Pyrene	170,000	* n	195	1,000	ug/kg	510	840	260	12,000	650	610	65
Pyridine					ug/kg	15 U	26 U	19 U	45 U	54 U	49 U	20 U
POLYCHLORINATED BIPHENYLS												
Aroclor 1016					ug/kg	0.19 U	0.25 U	1.9 U	4.6 U	5.6 U	5 U	2 U
Aroclor 1221					ug/kg	0.46 U	0.61 U	4.6 U	11 U	13 U	12 U	4.8 U
Aroclor 1232					ug/kg	0.19 U	0.25 U	1.9 U	4.6 U	5.6 U	5 U	2 U
Aroclor 1242					ug/kg	0.19 U	0.25 U	1.9 U	4.6 U	5.6 U	5 U	2 U
Aroclor 1248	220	c	59.8	ND	ug/kg	0.19 U	0.25 U	4.1 J	4.6 U	5.6 U	5 U	2 U
Aroclor 1254	22	* n	59.8	58.3	ug/kg	0.46 U	0.61 U	4.6 U	27	25 J	27	4.8 U
Aroclor 1260	220	c	59.8	21.7	ug/kg	8.5	8	1.9 U	4.6 U	5.6 U	5 U	2 U
EXPLOSIVES												
1,3,5-Trinitrobenzene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
1,3-Dinitrobenzene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
2,4,6-trinitrotoluene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
2,4-dinitrotoluene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
2,6-dinitrotoluene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
2-amino-4,6-dinitrotoluene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
2-nitrotoluene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
3-nitrotoluene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
4-amino-2,6-dinitrotoluene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
4-Nitrotoluene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
HMX					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
Nitrobenzene					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
RDX	5,500	c*	NSA	ND	ug/kg	140 U	180 U	140 U	330 U	420 J	370 U	150 U
Tetryl					ug/kg	140 U	180 U	140 U	330 U	400 U	370 U	150 U
OTHER												
Percent Solids	NSA		NSA	NSA	%	85.3	65	86.6	36.4	29.8	32.8	81.7

EPA RSL = Residential Soil Regional Screening Level, May 2010

RSL Notes: * Denotes a noncarcinogen, and the EPA RSL value has been adjusted by a factor of 0.1

c = cancer; n = non-cancer health endpoint, c* = where: non-cancer screening level (SL) is < 100X cancer SL, m = Concentration may exceed ceiling limit 10+5 mg/kg which is equivalent to a chemical representing 10% by weight of the soil sample; s = Concentration may exceed soil saturation concentration. Above this concentration, the soil contaminant may be present in free phase

EPA Sediment Screening values are consensus threshold effects concentrations from EPA 2002

Background Data are from the Baseline Risk Assessment Report for the Niagara Falls Storage Site (USACE 2007a, prepared by SAIC)

ND = Constituent not detected in background data set

NSA = No screening level available

Bold/shading indicates the detected concentration is above both of the screening levels and also above background.

Bold indicates that the detected concentration is above either the one but not both ecological or and human health screening level values and exceeds the background concentration.

B = Indicates probable blank contamination

J = Estimated value

U = Not detected; the associated number is the reporting detection limit

Data Summary
Results for the Southwest Drainage Ditch
Subsurface Soil Samples

Analyte	EPA RSL	RSL Note	NFSS Background BTV (Surface Soils)	NFSS Background BTV (Total Soils)	Units	Sample Name	C2-SWDD-SO-01-3	C2-SWDD-SO-02-3	C2-SWDD-SO-03-3	C2-SWDD-SO-04-3	C2-SWDD-SO-05-3	C2-SWDD-SO-06-3
						Parent Sample	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
						Sample Date	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft
						Sample Depth	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
						Matrix						
METALS												
Aluminum	7,700 *	n	18,400	19,100	mg/kg		4,300	8,500	5,970	9,300	9,240	5,680
Antimony	3.1 *	n	0.94	0.94	mg/kg		0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ
Arsenic	0.39	c*	11.3	8.73	mg/kg		3.3	3.7	4	3.7	4.3	2.6
Barium	1,500 *	n	279	263	mg/kg		46.7	64.2	58.7	82.7	79	62.1
Beryllium	16 *	n	1.0	1.0	mg/kg		0.27	0.47	0.34	0.52	0.53	0.32
Boron	1,600 *	n	10.1	10.1	mg/kg		9 U	12.2 B	5.5 B	6.7 B	7.2 B	7.1 B
Cadmium	7 *	n	0.53	0.53	mg/kg		0.063	0.052	0.059	0.065	0.067	0.068
Calcium	NSA		45,200	58,900	mg/kg		29,300	42,600	68,600	50,200	42,500	116,000
Chromium	0.29	c	24.3	25.8	mg/kg		7	13.1	8.4	14.3	14.6	8.1
Cobalt	2.3 *	n	57.4	36.7	mg/kg		11.1	8.5	9	11.1	10.3	6.7
Copper	310 *	n	34.7	36.8	mg/kg		15.3	24.8	18.9	24.9	20.9	16.1
Iron	5,500 *	n	36,400	36,400	mg/kg		12,600	19,000	25,900	20,300	20,200	13,300
Lead	400 *	n	55.2	37.6	mg/kg		6.1	4.9	5.4	6.3	6	4.7
Lithium	16 *	n	27.9	36.8	mg/kg		10.6	19.4	15.2	21.1	20.4	12.5
Magnesium	NSA		10,200	14,800	mg/kg		5,650 J	8,780	14,000	8,350	7,790	7,370
Manganese	180 *	n	5,630	6,650	mg/kg		814 J	664 J	3,290 J	912 J	796 J	1,690 J
Mercury	0.56 *	ns	0.27	0.27	mg/kg		0.014 B	0.0095 B	0.011 B	0.012 J	0.012 B	0.018 B
Nickel	150 *	n	37.5	38	mg/kg		16.4	18.5	16.4	22	21	13.1
Potassium	NSA		1,820	2,860	mg/kg		565 J	1,530 J	679 J	1,510 J	1,410 J	850 J
Selenium	39 *	n	0.37	0.37	mg/kg		0.95	1.8	2.5	1.6	1.8	2.4
Silver	39 *	n	0.27	0.27	mg/kg		0.019 J	0.036 J	0.031 J	0.034 J	0.036 J	0.025 J
Sodium	NSA		286	331	mg/kg		55.9	127	80.4	130	127	146
Thallium	NSA		NSA	NSA	mg/kg		0.071 B	0.31 B	0.082 B	0.097 B	0.098 B	0.13 B
Vanadium	39 *	n	34	35.2	mg/kg		12.3	18.4	14.4	19	19.4	12.3
Zinc	2,300 *	n	78	266	mg/kg		22.4 J	38.5	29.4	45.7	44.1	26.3
VOLATILE ORGANIC COMPOUNDS												
1,1,1,2-tetrachloroethane	1,900	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,1,1-trichloroethane	870,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,1,2,2-tetrachloroethane	560	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	4,300,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,1,2-trichloroethane	1,100	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,1-dichloroethane	3,300	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,1-dichloroethene	24,000 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,1-dichloropropene	NSA		NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,2,3-trichlorobenzene	4,900 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	3.7 B
1,2,3-trichloropropane	5	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,2,4-trimethylbenzene	6,200 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,2-Dibromo-3-chloropropane	5.4	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,2-dibromoethane	34	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,2-dichlorobenzene	190,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,2-dichloroethane	430	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,2-dichloroethene	70,000 *	n	NSA	NSA	ug/kg		2 U	2.4 U	2.3 U	2.4 U	2.5 U	2.8 U
1,2-dichloropropane	890	c*	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,3,5-trimethylbenzene	78,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,3-dichlorobenzene	NSA		NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,3-dichloropropane	160,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
1,4-dichlorobenzene	2,400	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
2,2-dichloropropane	NSA		NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
2-butanone	2,800,000 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
2-chlorotoluene	160,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
2-hexanone	21,000 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
4-chlorotoluene	550,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
4-Isopropyltoluene	NSA		NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
4-methyl-2-pentanone	530,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Acetone	6,100,000 *	n	NSA	NSA	ug/kg		15 B	11 J	12 J	3.7 U	3.7 U	21 J
Benzene	1,100	c*	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Bromobenzene	30,000 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Bromochloromethane	NSA		NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Bromodichloromethane	270	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Bromoform	61,000	c*	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Bromomethane	730 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Carbon disulfide	82,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Carbon tetrachloride	610	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Chlorobenzene	29,000 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Chloroethane	1,500,000 *	ns	NSA	NSA	ug/kg		2.9 U	3.6 U	3.5 U	3.7 U	3.7 U	4.1 U
Chloroform	290	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Chloromethane	12,000 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Cis-1,2-dichloroethene	78,000 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Cis-1,3-dichloropropene	1,700	c*	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U

Data Summary
Results for the Southwest Drainage Ditch
Subsurface Soil Samples

Analyte	EPA RSL	RSL Note	NFSS Background BTV (Surface Soils)	NFSS Background BTV (Total Soils)	Units	Sample Name	C2-SWDD-SO-01-3	C2-SWDD-SO-02-3	C2-SWDD-SO-03-3	C2-SWDD-SO-04-3	C2-SWDD-SO-05-3	C2-SWDD-SO-06-3
						Parent Sample	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
						Sample Date	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft
						Sample Depth	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
						Matrix						
Cyclohexane	700,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Dibromochloromethane	680	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Dibromomethane	2,500 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Dichlorodifluoromethane	18,000 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Dichloromethane	11,000	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Ethylbenzene	5,400	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Isopropylbenzene	210,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
m,p-Xylene	63,000 *	ns	NSA	NSA	ug/kg		2 U	2.4 U	2.3 U	2.4 U	2.5 U	2.8 U
Methyl acetate	7,800,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Methyl tert-butyl ether	43,000	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Methylcyclohexane	NSA		NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
n-Butylbenzene	NSA		NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
N-propylbenzene	340,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
o-Xylene	380,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Sec-butylbenzene	NSA		NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Styrene	630,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Tert-butylbenzene	NSA		NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Tetrachloroethene	550	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Toluene	500,000 *	ns	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
trans-1,2-dichloroethene	15,000 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
trans-1,3-dichloropropene	1,700	c*	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Trichloroethene	2,800	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Trichlorofluoromethane	79,000 *	n	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Vinyl chloride	60	c	NSA	NSA	ug/kg		0.98 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4 U
Xylenes, Total	63,000 *	ns	NSA	NSA	ug/kg		2.9 U	3.6 U	3.5 U	3.7 U	3.7 U	4.1 U
SEMIVOLATILE ORGANIC COMPOUNDS												
1,1-biphenyl	390,000 *	ns	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
1,2,4-trichlorobenzene	2,200 *	n	NSA	NSA	ug/kg		3.7 U	3.7 U	3.8 U	4.1 U	3.9 U	21 U
1,2-Diphenylhydrazine	610	c	NSA	NSA	ug/kg		9.3 U	9.3 U	9.6 U	10 U	9.9 U	52 U
1,4-dioxane	44,000	c	NSA	NSA	ug/kg		7.4 U	7.4 U	7.7 U	8.1 U	7.9 U	41 U
1-Methylnaphthalene	22,000	c	NSA	NSA	ug/kg		0.8 J	1.3 J	1.1 U	1.3 J	1.2 U	6.2 U
2,2-oxybis(1-chloropropane)	4,600	c	NSA	NSA	ug/kg		1.9 U	1.9 U	1.9 U	2 U	2 U	10 U
2,3,4,6-tetrachlorophenol	180,000 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
2,3,5,6-Tetrachlorophenol	NSA		NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
2,4,5-trichlorophenol	610,000 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
2,4,6-trichlorophenol	4,400 *	n	NSA	NSA	ug/kg		11 U	11 U	11 U	12 U	12 U	62 U
2,4-dichlorophenol	18,000 *	n	NSA	NSA	ug/kg		1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	6.2 U
2,4-dimethylphenol	120,000 *	n	NSA	NSA	ug/kg		11 U	11 U	11 U	12 U	12 U	62 U
2,4-dinitrophenol	12,000 *	n	NSA	NSA	ug/kg		93 U	93 U	96 U	100 U	99 U	520 U
2,6-Dichlorophenol	NSA		NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
2-chloronaphthalene	630,000 *	ns	NSA	NSA	ug/kg		1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	6.2 U
2-chlorophenol	39,000 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
2-Methyl-4,6-dinitrophenol	490 *	n	NSA	NSA	ug/kg		37 U	37 U	38 U	41 U	39 U	210 U
2-methylnaphthalene	31,000 *	n	NSA	NSA	ug/kg		0.86 J	2.1 B	1.5 B	2.2 B	1 B	6.2 U
2-methylphenol	310,000 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
2-nitroaniline	61,000 *	n	NSA	NSA	ug/kg		37 U	37 U	38 U	41 U	39 U	210 U
2-nitrophenol	2,900	c*	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
3,3-dichlorobenzidine	1,100	c	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
3-Methylphenol	NSA		NSA	NSA	ug/kg		---	5.6 U	5.7 U	6.1 U	5.9 U	31 U
3-nitroaniline	610 *	n	NSA	NSA	ug/kg		37 U	37 U	38 U	41 U	39 U	210 U
4-bromophenyl phenyl ether	NSA		NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
4-chloro-3-methylphenol	610,000 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
4-chloroaniline	2,400	c	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
4-chlorophenyl phenyl ether	NSA		NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
4-methylphenol	31,000 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
4-nitroaniline	24,000	c*	NSA	NSA	ug/kg		37 U	37 U	38 U	41 U	39 U	210 U
4-nitrophenol	3,000 *	n	NSA	NSA	ug/kg		28 U	28 U	29 U	30 U	30 U	160 U
Acenaphthene	340,000 *	n	NSA	79	ug/kg		3 J	1.6 J	7.5 J	4.3 J	1.2 U	7.4 J
Acenaphthylene	340,000 *	n	NSA	NSA	ug/kg		12	1.9 U	1 J	2 U	2 U	10 U
Aniline	8,500 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
Anthracene	1,700,000 *	n	NSA	8	ug/kg		26	1.6 J	4.4 J	2.5 J	1.2 U	6.2 U
Benzidine	0.5	c	NSA	NSA	ug/kg		370 U	370 U	380 U	410 U	390 U	2 U
Benzo[a]anthracene	150	c	284	284	ug/kg		56	2.5 J	12	2.7 J	1.9 J	10 J
Benzo[a]pyrene	15	c	313	313	ug/kg		42	0.93 J	16	2.9 J	1.2 U	14 J
Benzo[b]fluoranthene	150	c	396	396	ug/kg		70	2.8 J	22	4.8 J	2.4 J	13 J
Benzo[g,h,i]perylene	170,000 *	n	NSA	16	ug/kg		23	3 J	13	4.4 J	1.2 U	15 J
Benzo[k]fluoranthene	1,500	c	322	322	ug/kg		1.9 U	1.9 U	6.2 J	1.9 J	2 U	13 J
Benzoic acid	24,000,000 *	nm	NSA	NSA	ug/kg		27 J	40 J	25 J	82 J	33 J	130 J
Benzyl alcohol	610,000 *	n	NSA	NSA	ug/kg		9.3 U	9.3 U	9.6 U	10 U	9.9 U	52 U
Benzyl butyl phthalate	260,000	c*	NSA	NSA	ug/kg		11 U	10 J	11 U	12 J	7.5 J	62 U

Data Summary
Results for the Southwest Drainage Ditch
Subsurface Soil Samples

Analyte	EPA RSL	RSL Note	NFSS Background BTV (Surface Soils)	NFSS Background BTV (Total Soils)	Units	Sample Name	C2-SWDD-SO-01-3	C2-SWDD-SO-02-3	C2-SWDD-SO-03-3	C2-SWDD-SO-04-3	C2-SWDD-SO-05-3	C2-SWDD-SO-06-3
						Parent Sample	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
						Sample Date	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft	2.5 - 3 ft
						Sample Depth	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
						Matrix						
Bis(2-chloroethoxy) methane	18,000 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
Bis(2-chloroethyl) ether	210	c	NSA	NSA	ug/kg		1.9 U	1.9 U	1.9 U	2 U	2 U	10 U
Bis(2-ethylhexyl) phthalate	35,000	c*	5,130	5,130	ug/kg		6.1 J	300 B	11 B	18 B	12 B	62 U
Caprolactam	3,100,000 *	n	NSA	NSA	ug/kg		37 U	37 U	38 U	41 U	39 U	210 U
Carbazole	NSA		NSA	NSA	ug/kg		7.3 J	1.1 U	2.7 J	1.2 U	1.2 U	6.2 U
Chrysene	15,000	c	378	378	ug/kg		46	6.4 J	21	8.8	2.4 J	18 J
Dibenz[a,h]anthracene	15	c	NSA	2.7	ug/kg		22	2.2 U	2.3 U	2.1 J	2.4 U	12 U
Dibenzofuran	7,800 *	n	NSA	NSA	ug/kg		3.8 J	9.3 U	9.6 U	4.3 J	9.9 U	52 U
Diethyl phthalate	4,900,000 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
Dimethyl phthalate	NSA		NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
Di-n-butyl phthalate	610,000 *	n	NSA	NSA	ug/kg		5.6 U	5.9 J	5.7 U	6.8 J	5.9 J	31 U
Di-n-octyl phthalate	NSA		NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
Fluoranthene	230,000 *	n	889	889	ug/kg		110	3.4 J	38	7.8 J	3.3 J	21 J
Fluorene	230,000 *	n	NSA	2.9	ug/kg		10	2.8 J	4 J	6.3 J	2 U	10 U
Hexachloro-1,3-butadiene	620 *	n	NSA	NSA	ug/kg		1.9 U	1.9 U	1.9 U	2 U	2 U	10 U
Hexachlorobenzene	300	c	NSA	NSA	ug/kg		1.9 U	1.9 U	1.9 U	2 U	2 U	10 U
Hexachlorocyclopentadiene	37,000 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
Hexachloroethane	3,500 *	n	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
Indeno[1,2,3-c,d]pyrene	150	c	NSA	8.8	ug/kg		39	1.1 U	11	2.4 J	1.2 J	6.2 U
Isophorone	510,000	c*	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
Naphthalene	3,600	c*	NSA	NSA	ug/kg		1.1 U	1.8 B	1.5 B	1.2 U	1.2 U	6.2 U
n-Nitrosodimethylamine	2.3	c	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
N-nitrosodi-n-propylamine	69	c	NSA	NSA	ug/kg		1.9 U	1.9 U	1.9 U	2 U	2 U	10 U
N-nitrosodiphenylamine	99,000	c	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
N-Nitrosopyrrolidine	230	c	NSA	NSA	ug/kg		5.6 U	5.6 U	5.7 U	6.1 U	5.9 U	31 U
Pentachlorophenol	3,000	c	NSA	110	ug/kg		7.4 U	7.4 U	7.7 U	8.1 U	7.9 U	41 U
Phenanthrene	3,600	c*	538	538	ug/kg		81	7.1 B	20	14	4.3 B	14 B
Phenol	1,800,000 *	n	NSA	NSA	ug/kg		1.9 U	1.9 U	1.9 U	2 U	2 U	10 U
Pyrene	170,000 *	n	716	716	ug/kg		83	3.5 J	29	6.3 J	2.2 J	18 J
Pyridine	7,800 *	n	NSA	NSA	ug/kg		3.7 U	3.7 U	3.8 U	4.1 U	3.9 U	21 U
POLYCHLORINATED BIPHENYLS												
Aroclor 1016	390 *	n	NSA	NSA	ug/kg		0.19 U	1.8 U	1.9 U	2 U	2 U	2.1 U
Aroclor 1221	140	c	NSA	NSA	ug/kg		0.45 U	4.4 U	4.6 U	4.8 U	4.7 U	5 U
Aroclor 1232	140	c	NSA	NSA	ug/kg		0.19 U	1.8 U	1.9 U	2 U	2 U	2.1 U
Aroclor 1242	220	c	NSA	NSA	ug/kg		0.19 U	1.8 U	1.9 U	2 U	2 U	2.1 U
Aroclor 1248	220	c	NSA	NSA	ug/kg		0.19 U	1.8 J	4.1 J	5.7 J	2 U	8.3 J
Aroclor 1254	22 *	n	NSA	NSA	ug/kg		0.45 U	4.4 U	4.6 U	4.8 U	4.7 U	5 U
Aroclor 1260	220	c	NSA	NSA	ug/kg		0.19 U	1.8 U	1.9 U	2 U	2 U	2.1 U
EXPLOSIVES												
1,3,5-Trinitrobenzene	220,000 *	n	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
1,3-Dinitrobenzene	610 *	n	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
2,4,6-trinitrotoluene	1,900 *	n	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
2,4-dinitrotoluene	1,600	c*	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
2,6-dinitrotoluene	6,100 *	n	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
2-amino-4,6-dinitrotoluene	15,000 *	n	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
2-nitrotoluene	2,900	c*	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
3-nitrotoluene	610 *	n	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
4-amino-2,6-dinitrotoluene	15,000 *	n	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
4-Nitrotoluene	3,000 *	n	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
HMX	380,000 *	n	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
Nitrobenzene	4,800	c*	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
RDX	5,500	c*	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
Tetryl	24,000 *	n	NSA	NSA	ug/kg		140 U	130 U	140 U	150 U	140 U	150 U
OTHER												
Percent Solids	NSA		NSA	NSA	%		88.6	89.5	87	82.2	84.5	79.6

EPA RSL = Residential Soil Regional Screening Level, May 2010

* Denotes a noncarcinogen, and the EPA RSL value has been adjusted by a factor of 0.1

Background Data are from the Baseline Risk Assessment Report for the Niagara Falls Storage Site (USACE 2007a, prepared by SAIC)

NSA = No screening level available

Yellow shading indicates the detected concentration is ≥ the EPA RSL.

B = Indicates probable blank contamination

J = Estimated value

U = Not detected; the associated number is the reporting detection limit

Data Summary
Southwest Drainage Ditch Surface Water Data and Screening/Background Levels

Analyte	NFSS Ecological Screening Level	EPA RSL (Human Health)		NFSS Background BTV	Units	Sample Name	C2-SWDD-SW-01	C2-SWDD-SW-01DUP	C2-SWDD-SW-02	C2-SWDD-SW-03	C2-SWDD-SW-04	C2-SWDD-SW-05	C2-SWDD-SW-06
						Sample Date	8/25/2010	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
Parent Sample								C2-SWDD-SW-01					
METALS (total)													
Aluminum	100	3700	*	5,030	ug/l		82	80.2	188	102 B	147	113 B	177
Antimony					ug/l		3 UJ	3 UJ	6 U	6 U	6 U	6 U	6 U
Arsenic					ug/l		3 U	3 U	6 U	6 U	6 U	6 U	6 U
Barium	4	730	*	117	ug/l		39.7	39.2	99.8	97.6	99.3	93.4	82.8
Beryllium					ug/l		0.3 U	0.3 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Boron	10,000	730	*	244	ug/l		136	141	376	395	400	409	428
Cadmium	2.09	1.8	*	ND	ug/l		0.15 U	0.15 U	0.3 U	0.11 J	0.3 U	0.3 U	0.3 U
Calcium	116,400	NSA		141,000	ug/l		44,300	44,000	104,000	106,000	114,000	105,000	105,000
Chromium					ug/l		9 U	9 U	18 U	18 U	18 U	18 U	18 U
Cobalt					ug/l		0.6 U	0.6 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Copper	8.96	150	*	15	ug/l		0.85 B	1 J	1.8 J	1.7 J	1 J	1.2 J	1.6 J
Iron	300	2600	*	4,740	ug/l		192	177	406	332	386	292	424
Lead	3.78	NSA		11.1	ug/l		0.52 B	0.47 B	1.1 J	1 J	0.64 J	0.56 J	0.69 J
Lithium	14	7.3	*	13.2	ug/l		20.7	20.9	60.3	62.9	59.2	56.4	
Magnesium	82,000	NSA		30,200	ug/l		33,100	32,400	86,000	88,000	85,900	83,800	79,900
Manganese	120	88	*	951	ug/l		50.7	50	155	156	268	136	155
Mercury	1.3	1.1	*	ND	ug/l		0.07 B	0.068 B	0.11 B	0.083 B	0.089 B	0.1 B	0.072 B
Nickel	52	73	*	7.74	ug/l		0.44 J	0.48 J	0.83 J	0.85 J	0.85 J	0.76 J	1.2 J
Potassium	53,000	NSA		9,540	ug/l		2,380	2,340	5,630	5,880	5,580	5,680	5,660
Selenium	4.6	18	*	4.24	ug/l		0.42 J	0.35 J	0.84 J	1.6 J	1 J	0.8 J	1.8 U
Silver					ug/l		0.15 U	0.15 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Sodium	680,000	NSA		179,000	ug/l		41,600	41,000	104,000	108,000	104,000	122,000	125,000
Thallium	8	NSA		0.026	ug/l		1.5 U	1.5 U	3 U	2.2 J	3 U	3 U	3 U
Vanadium					ug/l		6 U	6 U	12 U	12 U	12 U	12 U	12 U
Zinc	58.91	1100	*	70.5	ug/l		7.3 J	6.9 J	19.4 B	21.5 B	9.7 B	8.3 B	9.5 B
VOLATILE ORGANIC COMPOUNDS													
1,1,1,2-tetrachloroethane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,1-trichloroethane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2,2-tetrachloroethane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1,2-Trichloro-1,2,2-trifluoroethane					ug/l		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,1,2-trichloroethane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-dichloroethane					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-dichloroethene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,1-dichloropropene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,3-trichlorobenzene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,3-trichloropropane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2,4-trimethylbenzene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-dibromoethane					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-dichlorobenzene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-dichloroethane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2-dichloroethene					ug/l		0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
1,2-dichloropropane					ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,3,5-trimethylbenzene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,3-dichlorobenzene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-dichloropropane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U

Data Summary
Southwest Drainage Ditch Surface Water Data and Screening/Background Levels

Analyte	NFSS Ecological Screening Level	EPA RSL (Human Health)		NFSS Background BTV	Units	Sample Name	C2-SWDD-SW-01	C2-SWDD-SW-01DUP	C2-SWDD-SW-02	C2-SWDD-SW-03	C2-SWDD-SW-04	C2-SWDD-SW-05	C2-SWDD-SW-06
						Sample Date	8/25/2010	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
Parent Sample								C2-SWDD-SW-01					
1,4-dichlorobenzene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
2,2-dichloropropane					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-butanone					ug/l		0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
2-chlorotoluene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
2-hexanone					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-chlorotoluene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
4-Isopropyltoluene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
4-methyl-2-pentanone					ug/l		0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Acetone	1500	22000		16.4	ug/l		0.8 U	3.6 B	2.8 J	4 J	0.8 U	0.8 U	3 J
Benzene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromobenzene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Bromochloromethane					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromodichloromethane					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane					ug/l		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Carbon disulfide	0.92	100	*	ND	ug/l		1.2 B	1.1 B	0.39 B	0.8 B	0.72 B	0.71 B	1.2 B
Carbon tetrachloride					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Chloroform					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloromethane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Cis-1,2-dichloroethene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Cis-1,3-dichloropropene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Cyclohexane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Dibromochloromethane					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromomethane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Dichlorodifluoromethane					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dichloromethane					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Isopropylbenzene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene					ug/l		0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Methyl acetate					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methyl tert-butyl ether					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Methylcyclohexane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
n-Butylbenzene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
N-propylbenzene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
o-Xylene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Sec-butylbenzene					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Styrene					ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Tert-butylbenzene					ug/l		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Tetrachloroethene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-dichloroethene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-dichloropropene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Vinyl chloride					ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U

Data Summary
Southwest Drainage Ditch Surface Water Data and Screening/Background Levels

Analyte	NFSS Ecological Screening Level	EPA RSL (Human Health)	NFSS Background BTV	Units	Sample Name	C2-SWDD-SW-01	C2-SWDD-SW-01DUP	C2-SWDD-SW-02	C2-SWDD-SW-03	C2-SWDD-SW-04	C2-SWDD-SW-05	C2-SWDD-SW-06
					Sample Date	8/25/2010	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
Parent Sample							C2-SWDD-SW-01					
Xylenes, Total				ug/l		0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
SEMIVOLATILE ORGANIC COMPOUNDS												
1,1-biphenyl				ug/l		0.096 U	0.098 U	0.096 U	0.096 U	0.095 U	0.096 U	0.099 U
1,2,4-trichlorobenzene				ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
1,2-Diphenylhydrazine				ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
1,4-dioxane				ug/l		0.38 U	0.39 U	0.38 U	0.38 U	0.38 U	0.38 U	0.4 U
1-Methylnaphthalene				ug/l		0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
2,2-oxybis(1-chloropropane)				ug/l		0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
2,3,4,6-tetrachlorophenol				ug/l		0.29 U	0.29 U	0.29 U	0.29 U	0.28 U	0.29 U	0.3 U
2,3,5,6-Tetrachlorophenol				ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
2,4,5-trichlorophenol				ug/l		0.29 U	0.29 U	0.29 U	0.29 U	0.28 U	0.29 U	0.3 U
2,4,6-trichlorophenol				ug/l		0.29 U	0.29 U	0.29 U	0.29 U	0.28 U	0.29 U	0.3 U
2,4-dichlorophenol				ug/l		0.048 U	0.049 U	0.048 U	0.048 U	0.048 U	0.048 U	0.05 U
2,4-dimethylphenol				ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
2,4-dinitrophenol				ug/l		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
2,6-Dichlorophenol				ug/l		0.48 U	0.49 U	0.48 U	0.48 U	0.48 U	0.48 U	0.5 U
2-chloronaphthalene				ug/l		0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
2-chlorophenol				ug/l		0.29 U	0.29 U	0.29 U	0.29 U	0.28 U	0.29 U	0.3 U
2-Methyl-4,6-dinitrophenol				ug/l		0.48 U	0.49 U	0.48 U	0.48 U	0.48 U	0.48 U	0.5 U
2-methylnaphthalene	4.7	1.5E+02	NSA	ug/l		0.019 U	0.02 U	0.012 B	0.012 J	0.019 U	0.019 U	0.02 U
2-methylphenol				ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
2-nitroaniline				ug/l		0.72 U	0.74 U	0.72 U	0.72 U	0.71 U	0.72 U	0.74 U
2-nitrophenol				ug/l		0.29 U	0.29 U	0.29 U	0.29 U	0.28 U	0.29 U	0.3 U
3&4-methylphenol				ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
3,3-dichlorobenzidine				ug/l		0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U
3-nitroaniline				ug/l		0.72 U	0.74 U	0.72 U	0.72 U	0.71 U	0.72 U	0.74 U
4-bromophenyl phenyl ether				ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
4-chloro-3-methylphenol				ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
4-chloroaniline				ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
4-chlorophenyl phenyl ether				ug/l		0.096 U	0.098 U	0.096 U	0.096 U	0.095 U	0.096 U	0.099 U
4-methylphenol				ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
4-nitroaniline				ug/l		0.48 U	0.49 U	0.48 U	0.48 U	0.48 U	0.48 U	0.5 U
4-nitrophenol				ug/l		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Acenaphthene	17	220	*	ND	ug/l	0.029 U	0.029 U	0.017 J	0.021 J	0.015 J	0.029 U	0.03 U
Acenaphthylene					ug/l	0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Aniline					ug/l	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
Anthracene					ug/l	0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Benidine					ug/l	5.8 U	5.9 U	5.8 U	5.8 U	5.7 U	5.8 U	5.9 U
Benzo[a]anthracene	0.03	2.9E-02		0.108	ug/l	0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.034 J
Benzo[a]pyrene					ug/l	0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Benzo[b]fluoranthene					ug/l	0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Benzo[g,h,i]perylene					ug/l	0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Benzo[k]fluoranthene					ug/l	0.096 U	0.098 U	0.096 U	0.096 U	0.095 U	0.096 U	0.099 U
Benzoic acid					ug/l	0.96 U	0.98 U	0.96 U	0.96 U	0.95 U	0.96 U	0.99 U
Benzyl alcohol					ug/l	0.48 U	0.49 U	0.48 U	0.48 U	0.48 U	0.48 U	0.5 U
Butyl Benzyl phthalate	3	3.5E+01		ND	ug/l	0.24 U	0.17 J	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U
Bis(2-chloroethoxy) methane					ug/l	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U

Data Summary
Southwest Drainage Ditch Surface Water Data and Screening/Background Levels

Analyte	NFSS Ecological Screening Level	EPA RSL (Human Health)		NFSS Background BTV	Units	Sample Name	C2-SWDD-SW-01	C2-SWDD-SW-01DUP	C2-SWDD-SW-02	C2-SWDD-SW-03	C2-SWDD-SW-04	C2-SWDD-SW-05	C2-SWDD-SW-06
						Parent Sample	8/25/2010	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
Bis(2-chloroethyl) ether					ug/l		0.038 U	0.039 U	0.038 U	0.038 U	0.038 U	0.038 U	0.04 U
Bis(2-ethylhexyl) phthalate	0.6	4.8E+00		ND	ug/l		1.9 U	2 U	1.1 B	1.4 B	1.9 U	1.9 U	2 U
Caprolactam	NSA	1.8E+03	*	NSA	ug/l		2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	1.6 J
Carbazole					ug/l		0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Chrysene	0.027	2.9E+00		0.151	ug/l		0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.047 J
Dibenz[a,h]anthracene					ug/l		0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Dibenzofuran					ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
Diethyl phthalate					ug/l		0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U
Dimethyl phthalate					ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
Di-n-butyl phthalate					ug/l		0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U
Di-n-octyl phthalate					ug/l		0.29 U	0.29 U	0.29 U	0.29 U	0.28 U	0.29 U	0.3 U
Fluoranthene	6.16	150	*	0.522	ug/l		0.031 J	0.03 J	0.041 J	0.04 J	0.028 U	0.029 U	0.022 J
Fluorene					ug/l		0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Hexachloro-1,3-butadiene					ug/l		0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Hexachlorobenzene					ug/l		0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Hexachlorocyclopentadiene					ug/l		0.096 U	0.098 U	0.096 U	0.096 U	0.095 U	0.096 U	0.099 U
Hexachloroethane					ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
Indeno[1,2,3-c,d]pyrene					ug/l		0.029 U	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.03 U
Isophorone					ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
Naphthalene	13	1.40E-01		ND	ug/l		0.029 U	0.029 U	0.019 B	0.029 U	0.018 B	0.029 U	0.03 U
n-Nitrosodimethylamine					ug/l		0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U
N-nitrosodi-n-propylamine					ug/l		0.048 U	0.049 U	0.048 U	0.048 U	0.048 U	0.048 U	0.05 U
N-nitrosodiphenylamine					ug/l		0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
N-Nitrosopyrrolidine					ug/l		0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
Pentachlorophenol					ug/l		0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
Phenanthrene	5	NSA		0.223	ug/l		0.053 J	0.048 J	0.061 B	0.042 B	0.046 B	0.096 U	0.064 B
Phenol					ug/l		0.096 U	0.098 U	0.096 U	0.096 U	0.095 U	0.096 U	0.099 U
Pyrene	4.6	110	*	0.302	ug/l		0.026 J	0.025 J	0.029 J	0.029 J	0.028 U	0.029 U	0.03 U
Pyridine					ug/l		0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
POLYCHLORINATED BIPHENYLS													
Aroclor 1016					ug/l		0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0047 U	0.0048 U	0.0048 U
Aroclor 1221					ug/l		0.0076 U	0.0076 U	0.0078 U	0.0077 U	0.0075 U	0.0077 U	0.0076 U
Aroclor 1232					ug/l		0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0047 U	0.0048 U	0.0048 U
Aroclor 1242					ug/l		0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0047 U	0.0048 U	0.0048 U
Aroclor 1248					ug/l		0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0047 U	0.0048 U	0.0048 U
Aroclor 1254					ug/l		0.0076 U	0.0076 U	0.0078 U	0.0077 U	0.0075 U	0.0077 U	0.0076 U
Aroclor 1260					ug/l		0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0047 U	0.0048 U	0.0048 U
EXPLOSIVES													
1,3,5-Trinitrobenzene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dinitrobenzene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,4,6-trinitrotoluene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,4-dinitrotoluene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,6-dinitrotoluene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-amino-4,6-dinitrotoluene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-nitrotoluene	NSA	3.1E-01		ND	ug/l		0.2 U	0.2 U	0.2 U	0.2 U	2.1	0.2 U	0.2 U
3-nitrotoluene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-amino-2,6-dinitrotoluene					ug/l		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Data Summary
Southwest Drainage Ditch Surface Water Data and Screening/Background Levels

					Sample Name	C2-SWDD-SW-01	C2-SWDD-SW-01DUP	C2-SWDD-SW-02	C2-SWDD-SW-03	C2-SWDD-SW-04	C2-SWDD-SW-05	C2-SWDD-SW-06
					Sample Date	8/25/2010	8/25/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010	8/26/2010
					Parent Sample		C2-SWDD-SW-01					
Analyte	NFSS Ecological Screening Level	EPA RSL (Human Health)	NFSS Background BTV	Units								
4-Nitrotoluene				ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
HMX				ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene				ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
RDX				ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tetryl				ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Ecological Screening Levels and Background Data are from the Baseline Risk Assessment Report for the Niagara Falls Storage Site (USACE 2007a, prepared by SAIC)

EPA RSL = Regional Screening Level Table, Tapwater Screening Levels, May 2010.

* Denotes a noncarcinogen, and the EPA RSL value has been adjusted by a factor of 0.1

ND = Constituent not detected in background data set

NSA = No screening level available

Bold/shading indicates the detected concentration is above the screening level and background.

Bold indicates that the detected concentration is above either the one but not both ecological or and human health screening level values and exceeds the background concentration.

B = Indicates probable blank contamination

J = Estimated value

U = Not detected; the associated number is the reporting detection limit