

SW-7 (continued)

Parameter	6/10	10/11	5/12	9/12	5/13	10/13	4/14		
Chloromethane	ND(5.00)	ND(2.00)	ND(5.00)	ND(10.00)	ND(10.00)	ND(5.00)	ND(5.00)		
Bromomethane	ND(5.00)	ND(2.00)	ND(5.00)	1.70 J	1.30 J	ND(5.00)	ND(5.00)		
Vinyl Chloride	ND(5.00)	ND(1.00)	ND(5.00)	ND(2.00)	ND(2.00)	ND(1.00)	ND(1.00)		
Chloroethane	ND(5.00)	ND(2.00)	ND(5.00)	ND(2.00)	ND(2.00)	ND(2.00)	ND(2.00)		
Methylene Chloride	ND(5.00)	ND(3.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)		
Trichloroflouromethane	ND(5.00)	ND(1.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)		
1,1-Dichloroethene	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		
1,1-Dichloroethane	ND(5.00)	ND(2.00)	ND(5.00)	ND(1.50)	ND(1.50)	ND(1.50)	ND(1.50)		
*1,2-Dichloroethene, Total	ND(5.00)	ND(2.00)	ND(5.00)	ND(1.50)	ND(1.50)	ND(1.50)	ND(1.50)		
Chloroform	ND(5.00)	ND(2.00)	ND(5.00)	ND(1.50)	ND(1.50)	ND(1.50)	ND(1.50)		
1,2-Dichloroethane	ND(5.00)	ND(2.00)	ND(5.00)	ND(1.50)	ND(1.50)	ND(1.50)	ND(1.50)		
1,1,1-Trichloroethane	ND(5.00)	ND(2.00)	ND(5.00)	ND(2.00)	ND(2.00)	ND(2.00)	ND(2.00)		
Carbon Tetrachloride	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		
Bromodichloromethane	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		
1,2-Dichloropropane	ND(5.00)	ND(1.00)	ND(5.00)	ND(3.50)	ND(3.50)	ND(3.50)	ND(3.50)		
cis-1,3-Dichloropropene	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.50)	ND(1.50)	ND(1.50)	ND(1.50)		
Trichloroethene	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		
Benzene	ND(5.00)	ND(0.70)	ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		
Dibromochloromethane	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		
trans-1,3-Dichloropropene	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.50)	ND(1.50)	ND(1.50)	ND(1.50)		
1,1,2-Trichloroethane	ND(5.00)	ND(2.00)	ND(5.00)	ND(1.50)	ND(1.50)	ND(1.50)	ND(1.50)		
2-Chloroethylvinyl ether	ND(5.00)	NA	ND(5.00)	ND(10.00)	ND(10.00)	ND(10.00)	ND(10.00)		
Bromoform	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		
1,1,2,2-Tetrachloroethane	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		
Tetrachloroethene	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.50)	ND(1.50)	ND(1.50)	ND(1.50)		
Toluene	ND(5.00)	ND(2.00)	ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		
Chlorobenzene	ND(5.00)	ND(2.00)	ND(5.00)	ND(3.50)	ND(3.50)	ND(3.50)	ND(3.50)		
Ethylbenzene	ND(5.00)	ND(1.00)	ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		
1,2-Dichlorobenzene	ND(5.00)	ND(2.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)		
1,3-Dichlorobenzene	ND(5.00)	ND(2.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)		
1,4-Dichlorobenzene	ND(5.00)	ND(2.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)		
Acetone	NA	NA	ND(10.00)	3.20 J	9.80 J	ND(10.0)	ND(10.00)		
Tert-Butyl Alcohol	NA	NA	ND(100.00)	ND(100.00)	ND(100.00)	ND(100.00)	ND(100.00)		
cis-1,2-Dichloroethene	NA	NA	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)		

Note:

ND( ): Compound not detected at method detection limit

\*1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

B: The analyte was found in an associated blank, as well as in the sample

**SW-7**  
**Historical Analysis of Metals and Leachate Indicators**  
**East Northport Landfill, East Northport, NY**  
*Reported in Milligrams per Liter*

Leachate Indicators (mg/l)	6/96	4/97	9/97	4/98	9/98	4/99	9/99	4/00	9/00
Ammonia	ND(1.000)	ND(0.050)	0.070	ND(0.200)	ND(0.100)	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)
Bicarbonate		48.40	66.00	50.60	61.80	48.00	48.00	45.00	55.00
Chloride	<b>4,316.00</b>	<b>4,470.00</b>	<b>2,750.00</b>	<b>3,810.00</b>	<b>3,620.00</b>	<b>3,080.00</b>	<b>5,835.00</b>	<b>1,500.00</b>	<b>3,300.00</b>
Nitrate	5.00	0.62	0.32	0.44	0.30	0.67	ND(0.05)	ND(0.50)	ND(0.50)
Sulfate	<b>705.00</b>	<b>808.00</b>	248.00	<b>530.00</b>	<b>447.00</b>	<b>416.00</b>	<b>953.00</b>	28.00	<b>270.00</b>
Alkalinity	56.00	48.40	66.00	50.60	61.80	48.00	61.00	45.00	55.00
TDS	8,840.00	3,260.00	5,890.00	226.00	274.00	5,450.00	8,860.00	2,400.00	5,300.00
Hardness	341.00	1,435.54	1,848.00	1,200.0 E	1,050.00	934.00	92.00	510.00	1,200.00

Leachate Indicators (mg/l)	4/01	9/01	4/02	9/02	4/03	10/03	6/04	10/04	4/05
Ammonia	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)	0.400	<b>2.800</b>	ND(0.200)	0.329
Bicarbonate	44.00	54.00	53.00	51.00	44.00	55.00	46.00	43.00	48.00
Chloride	<b>1,800.00</b>	<b>2,600.00</b>	<b>2,500.00</b>	<b>3,600.00</b>	<b>1,100.00</b>	<b>3,900.00</b>	<b>1,500.00</b>	<b>1,300.00</b>	<b>2,400.00</b>
Nitrate	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	0.80	ND(0.50)	ND(0.50)	1.15	0.654
Sulfate	240.00	<b>370.00</b>	<b>270.00</b>	<b>310.00</b>	180.00	<b>750.00</b>	<b>440.00</b>	<b>190.00</b>	<b>380.00</b>
Alkalinity	44.00	54.00	53.00	52.00	44.00	56.00	46.00	43.00	48.00
TDS	2,700.00	3,600.00	4,600.00	6,800.00	2,108.00	8,213.00	6,010.00	2,393.00	4,300.00
Hardness	530.00	140.00	730.00	1,200.00	320.00	668.00	209.00	390.00	667.00

SW-7 (continued)

Leachate Indicators (mg/l)	9/05	8/06	11/06	7/07	11/07	4/08	9/08	4/09	9/09
Ammonia	ND(0.200)	0.635	ND(0.200)	0.097	0.130	0.090	0.130	0.18	0.17
Bicarbonate	65.00	26.00	60.00	53.20	76.00	65.70	61.30	51.21	52.30
Chloride	<b>2,600.00</b>	<b>2,500.00</b>	<b>1,400.00</b>	<b>1,460.00</b>	<b>4,500.00</b>	<b>3,000.00</b>	<b>2,300.00</b>	<b>2300.00</b>	<b>620.00</b>
Nitrate	ND(0.50)	ND(0.50)	0.71	0.44	0.94	0.36	0.44	1.40	0.51
Sulfate	<b>350.00</b>	<b>370.00</b>	220.00	199.00	<b>390.00</b>	<b>380.00</b>	<b>420.00</b>	<b>330.00</b>	86.00
Alkalinity	35.00	26.00	60.00	53.20	76.00	65.70	61.30	51.21	52.30
TDS	2,600.00	5,100.00	2,800.00	2,800.00	7,100.00	4,900.00	5,400.00	4200.00	1100.00
Hardness	778.10	691.90	608.10	478.00	1,470.00	806.00	996.00	789.00	222.00

Leachate Indicators (mg/l)	6/10	10/11	5/12	9/12	5/13	10/13	4/14		
Ammonia	0.07	0.200	0.18	0.128	0.097	0.279	0.083		
Bicarbonate	41.00	63.00	61.00	49.000	93.00	78.00	83.10		
Chloride	<b>500.00</b>	<b>3,000.00</b>	<b>2,900.00</b>	<b>1,300.000</b>	<b>12,000.00</b>	<b>6,900.00</b>	<b>4,400.00</b>		
Nitrate	2.30	0.36	2.10	0.590	0.21	0.64	0.92		
Sulfate	77.00	<b>420.00</b>	<b>310.00</b>	190.000	<b>1,800.00</b>	<b>1,100.00</b>	<b>1,200.00</b>		
Alkalinity	41.00	63.00	61.00	49.000	93.00	78.00	83.10		
TDS	940.00	6,000.00	5,300.00	2,500.000	25,000.00	14,000.00	14,000.00		
Hardness	210.00	1,030.00	810.00	570.000	3,300.00	1,100.00	1,600.00		

Note:

ND( ): Compound not detected at method detection limit

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

B: The analyte was found in an associated blank, as well as in the sample

E: Reported value is estimated because of the presence of interference