TABLE 1
Geophysical Logging Summary

Richardson Hill Landfill Site
Sidney, NY

Well ID	Temperature Conductivity	Natural Gamma	Caliper	Optical Televiewer	Acoustic Televiewer	Heat Pulse Flow Meter	Impeller Flow Meter	Site	Date Logged
MW-12S	X	X	X	X	X	X		Sidney	1/22/2008
MW-12DD	X	X	X	X	X	X		Sidney	1/22/2008
MW-12D	X	X	X	X	X	X		Sidney	1/23/2008
Dimato Well	X	X	X	X	X		X	Private well	1/23/2008
RH-3	X	X				X		RHRL	1/24/2008
RH-2	X	X					X	RHRL	1/24/2008
RH-1	X	X				X		RHRL	1/24/2008
RH-7D	X	X					X	RHRL	1/25/2008
RH-5D	X	X				X		RHRL	1/25/2008
RH-6D	X	X					X	RHRL	1/25/2008
MW-11D	X	X	X	X	X	X		Sidney	1/28/2008
MW-21	X	X						RHRL	1/28/2008
SSC-03	X	X				X		RHRL	1/29/2008
SSC-02	X	X				X		RHRL	1/29/2008
SSC-01	X	X				X		RHRL	1/29/2008
RH-4D	X	X				X		RHRL	1/30/2008
SSC-04	X	X				X		RHRL	1/30/2008
TMW-08	X	X				X		RHRL	1/30/2008
TMW-01	X	X				X		RHRL	1/31/2008
MW-4D	X	X				X	X	RHRL	1/31/2008
MW-7D	X	X	X	X	X	X	X	Sidney	1/31/2008
MW-8DD	X	X	X					Sidney	2/1/2008
RH-9D	X	X	X		X	X		RHRL	3/4/2008
RH-10D	X	X	X		X	X		RHRL	3/5/2008
RH-11D	X	X	X		X	X		RHRL	3/6/2008
RH-8D	X	X	X		X	X		RHRL	3/6/2008
MW-9D	X	X	X		X	X		Sidney	3/6/2008
MW-8D	X	X	X		X	X		Sidney	3/7/2008
Ross-Patton	X	X	X		X	X		Private well	3/7/2008

Table 10
Ground Water Collection Trench Evaluation Summary
Richardson Hill Road Landfill Site
Sidney, NY

Task Proposed in Work Plan	Task Performed	Rational
1) Synoptic round of ground water levels from monitoring wells listed in Table 2 of the work plan.	1) Installed packer assemblies in the in-trench dual zone wells on 2/4/08. Wells include TMW-1, SSC-1, SSC-2, SSC-3, SSC-4, and TMW-8. Packer assemblies left uninflated inflated	Packer assemblies installed according work plan
2) Installation of pressure transducers in monitoring wells listed in bold in table 2 of the work plan	2) Installation of pressure transducers on 2/5/08 in monitoring wells listed in bold in table 2 of the work plan	Pressure tranducers were installed according to to Table 2. In addition, pressure tranducers was also included in Dimato residential well and RH-1 on 2/29/08.
3) Installation of packer assemblies in the in-trench dual zone which includes TMW-1, SSC-1, SSC-2, SSC-3, SSC-4, and TMW-8. Packer assemblies left uninflated inflated	3) Synoptic round of ground water levels on 2/6/08 from monitoring wells listed in Table 2 of the work plan.	Ground water levels were measured according to Table 2 with the exception of monitoring wells RH-1, MW-12S, MW-12DD, MW-11D which were included after 2/26/08. Monitoring wells MW-18-S, MW-18-D, and MW-18DD which are abandoned wells. Monitoring well MW-11S was not included in the measurements. South pond not included due to snow accumulation.
	4a) Installation of flow meter. 4b) Conveyance line cleaning. Collection trench turned off in order to clean line. Collection trench turned on and static conditions were achieved. These steps were conducted from 2/11/08 trough 2/18/08	Flow meter was installed to have better control of the flow from the sumps. System conveyance line was cleaned up to increase the ground water extraction from the trench.
4) Collection trench turn off and monitoring of wells listed in table 2 during 24 hours or until static conditions are reached	4) Collection trench turn off on 2/19/08 and monitoring wells monitored according Table 2 until 2/22/08	Monitoring wells monitored acccording Table 2 of work plan with the exceptions noted in step 3). Pressure transducers started recording water level data.
5) Monitoring wells monitored every hour for the initial four hours of the test and every four to eight hours for the remainder of the test	5) Monitoring wells monitored every hour for the initial four hours of the test and every four to eight hours while on-site for the remainder of the test	Monitoring wells monitored according to the work plan while staff was on site.
6) Collection trench and pump turn on at the design pumping rate. Monitor wells listed in table 2 during 24 hours or until equilibrium is reached	6) Collection trench and pump turned on at 2/22/08. Monitoring wells monitored according Table 2	Monitoring wells monitored acccording Table 2 of work plan with the exceptions noted in step 3). Estimated average flow from flow meter is 58.6 GPM.
7) Inflate the in-trench dual-zone well packers and monitor bedrock zone wells (RH-1, RH-2, RH-3, RH-4D, RH-5D, RH-6D, RH-7D, MW-11D, and MW-12D). Monitor until equilibrium has been reached	7) Packers inflated and bedrock zone wells monitored from 2/26/08 to 2/28/08	Monitoring wells RH-1 and MW-11D were included in the monitoring event (hand measurement) on 2/26/08. Pressure transducers installed and running on 2/29/08 in these two wells. On 2/27/08 packer installed in well SCC-1 failed. Packer was fixed on the same day.
8) Deflate packers before the next step	8) Packer deflated on 2/28/08	Packers deflated according work plan
	9) Additional pressure transducers installed on 2/29/08 in monitoring wells RH-1, MW-11D, and Dimato Well	Pressure transducers were installed in these wells to complement ground water monitoring data
	10) Collection trench turned off on 2/29/08. Monitoring wells monitored according Table 2	
	11) Collection trench turned on on 3/3/08. Monitoring wells monitored according to Table 2	
	12)Collection trench testing termination on 3/12/08	
9) Increase trench pumping rate in incremental steps of 12 to 24 hours until pumping rate is at treatment plant capacity		Hydrogeologic Technical team agreed that the step test portion of the investigation was not needed and would be difficult to perform with the cycling of the sump pumps.
10) Return trench pumping rate to normal opearation condition. Verify that equilibrium has been established prior to moving to next step		Same as above
11) Beginning at TMW-1, install pump and packer assembly to isolate and remove bedrock ground water, only.Inflate non-pumping well packers and establish equilibrium (recovery)		Hydrogeologic Technical team agreed that the single packer test portion of the investigation was not needed due to the observed connection between overburden and bedrock.
12) Initiate typical "step-drawdown" pumping test in TMW-1 and monitor nearby wells for influence. Conduct drawdown portion of test during 4 hours. Monitor recovery to static conditions		Same as above
13) Repeat steps 8 and 9 for the remaining in-trench dual-zone wells (SSC-1 through SSC-4, and TMW-8)		Same as above

TABLE 2
Monitoring Well Construction Summary

Richardson Hill Road Landfill Site
Sidney, New York

LOC-ID (WELL NAME)	SITE NAME	NORTH X-COORD	EAST Y-COORD	GRND ELEV.	INNER CASING ELEV.	OUTER CASING ELEV.	Open Hole Wells (OH)/ Screen	Diameter (in)	Total Screen/OH Interval	DEPTH BELOW GRADE			ELEVATION		
										Top of Screen/OH	Bottom of Screen/OH	Top of Rock	Top of Screen/OH	Bottom of Screen/OH	Top of Rock
MW-1S	SIDNEY	1247687.651	291847.994	2061.65	2063.14	2063.55	OH	4/3.8	60	15.5	75	10.5	2046.15	1986.65	2051.15
MW-1D	SIDNEY	1247672.857	291848.893	2061.27	2062.37	2063.43	OH	4/3.8	22	93	115	10.5	1968.27	1946.27	2050.77
MW-2S	SIDNEY	1249048.596	291393.037	1951.85	1953.15	1954.42	OH	4/3.8	45	25.4	70	18.5	1926.45	1881.85	1933.35
MW-2D	SIDNEY	1249058.07	291400.258	1952.32	1954.15	1954.70	OH	4/3.8	61	90	150.8	18.5	1862.32	1801.52	1933.82
MW-3S	SIDNEY	1247669.312	291344.673	2009.20	2010.56	2010.66	OH	4/3.8	20	35	54.5	24.5	1974.20	1954.70	1984.70
MW-6S	SIDNEY	1248805.595	290648.321	1856.08	1857.14	1857.75	OH	4/3.8	10	28.5	38.5	21.7	1827.58	1817.58	1834.38
MW-6D	SIDNEY	1248820.702	290657.445	1856.10	1857.38	1858.42	OH	4/3.8	22	58.5	80	21.7	1797.60	1776.10	1834.40
MW-7S	SIDNEY	1249710.621	290332.986	1786.44	1788.71	1788.75	OH	4/3.8	12	9	21	10.2	1777.44	1765.44	1776.24
MW-7D	SIDNEY	1249721.109	290334.652	1786.78	1787.97	1788.69	OH	4/3.8	20	21	41	10.2	1765.78	1745.78	1776.58
MW-8S	SIDNEY	1249026.361	290327.982	1803.57	1806.15	1803.57	OH	4/3.8	15	23.5	38.2	18.5	1780.07	1765.37	1785.07
MW-8D	SIDNEY	1249007.446	290326.986	1804.22	1806.40	1804.22	OH	4/3.8	11	58.5	69	18.5	1745.72	1735.22	1785.72
MW-8DD	SIDNEY	1248992.667	290327.360	1804.00	1806.02	1804.00	OH	4/3.8	NI	NI	NI	18.5	NI	NI	1785.50
MW-9S	SIDNEY	1248512.39	290489.426	1808.50	1810.06	1810.83	OH	4/3.8	13	20	33	11	1788.50	1775.50	1797.50
MW-9D	SIDNEY	1248525.594	290485.104	1808.88	1810.13	1811.16	OH	4/3.8	15	53	68	11	1755.88	1740.88	1797.88
MW-10S	SIDNEY	1247667.267	290670.112	1858.01	1859.35	1859.65	OH	4/3.8	14	31	45	25.5	1827.01	1813.01	1832.51
MW-10D	SIDNEY	1247682.735	290671.025	1857.32	1858.47	1860.06	OH	4/3.8	15	65	80	25.5	1792.32	1777.32	1831.82
MW-11S	SIDNEY	1247357.996	290052.286	1768.59	1770.90	1771.11	OH	4/3.8	12	14	26	27	1754.59	1742.59	1741.59
MW-11D	SIDNEY	1247345.033	290046.087	1769.10	1770.18	1770.90	OH	4/3.8	10	40	50	27	1729.10	1719.10	1742.10
MW-12S	SIDNEY	1246701.701	290094.489	1763.78	1764.18	1765.12	OH	4/3.8	15	25.5	40.5	20	1738.28	1723.28	1743.78
MW-12D	SIDNEY	1246710.668	290095.994	1764.77	1765.86	1766.07	OH	4/3.8	16	62.1	78.5	21.5	1702.67	1686.27	1743.27
MW-12DD	SIDNEY	1246715.487	290085.419	1762.39	1763.74	1764.55	OH	4/3.8	10	130	140	21.5	1632.39	1622.39	1740.89
MW-14S	SIDNEY	1249273.236	291323.832	1937.78	1938.86	1939.89	OH	4/3.8	52	20	72	15.5	1917.78	1865.78	1922.28
MW-15D	SIDNEY	1249030.349	291294.627	1938.20	1940.12	1940.71	NI	NI	NI	NI	NI	14.3	NI	NI	1923.90
MW-16S	SIDNEY	1248946.001	291328.454	1945.73	1947.03	1948.75	OH	4/3.8	55	25	80	18.6	1920.73	1865.73	1927.13
MW-17	SIDNEY	1247998.121	292218.533	2056.28	2058.13	2058.88	OH	4/3.8	81	57.8	139	5	1998.48	1917.28	2051.28
MW-18	SIDNEY	1247709.872	292161.169	2049.39	2051.19	2052.21	OH	4/3.8	47	123	170	14.5	1926.39	1879.39	2034.89
MW-19	SIDNEY	1247318.212	292115.250	2027.58	2029.50	2030.00	OH	4/3.8	20	130	150	19.5	1897.58	1877.58	2008.08
MW-22	SIDNEY	1247078.623	290452.091	1833.49	1836.04	1836.12	OH	4/3.8	57	33	90	33	1800.49	1743.49	1800.49
MW-23	SIDNEY	1248071.128	290472.424	1804.55	1806.56	1806.79	OH	4/3.8	13	11	23.5	24	1793.55	1781.05	1780.55
MW-26D	SIDNEY	1248769.601	290548.248	1842.50	1844.13	1844.59	NI	NI	NI	NI	NI	NI	NI	NI	NI
TMW-1	Treat-P	1247227.849	289687.772	NI	1753.71	1754.02	screen	4	25	0	25	NI	1753.71	1728.71	NI
TMW-2	Treat-P	1247228.744	289692.708	NI	1753.79	1754.10	screen	2	20	4.5	24.5	NI	1749.29	1729.29	NI
TMW-3	Treat-P	1247001.641	289697.542	NI	1755.11	1755.42	screen	2	19	3.5	22.5	NI	1751.61	1732.61	NI
TMW-4	Treat-P	1246846.71	289703.339	NI	1757.93	1758.27	screen	2	20	7.5	27.5	NI	1750.43	1730.43	NI
TMW-5	Treat-P	1246575.786	289673.171	NI	1759.98	1760.53	screen	2	12	5	17	NI	1754.98	1742.98	NI
TMW-6	Treat-P	1246427.879	289639.409	NI	1758.32	1758.46	screen	2	10	6.5	16.5	NI	1751.82	1741.82	NI
TMW-7	Treat-P	1246179.418	289636.727	NI	1755.03	1755.35	screen	2	10	2.5	12.5	NI	1752.53	1742.53	NI
TMW-8	Treat-P	1246178.921	289631.551	NI	1754.96	1755.55	screen	4	19	0	19	NI	1754.96	1735.96	NI

TABLE 2
Monitoring Well Construction Summary

Richardson Hill Road Landfill Site
Sidney, New York

LOC-ID (WELL NAME)	SITE NAME	NORTH X-COORD	EAST Y-COORD	GRND ELEV.	INNER CASING ELEV.	OUTER CASING ELEV.	Open Hole Wells (OH)/ Screen	Diameter (in)	Total Screen/OH Interval	DEPTH BELOW GRADE			ELEVATION		
										Top of Screen/OH	Bottom of Screen/OH	Top of Rock	Top of Screen/OH	Bottom of Screen/OH	Top of Rock
SSC-01	Treat-P	1247001.423	289692.303	NI	1755.15	1755.32	screen	8	24	0	24	NI	1755.15	1731.15	NI
SSC-02	Treat-P	1246845.25	289697.700	NI	1757.89	1758.04	screen	8	23	7	29.5	NI	1750.89	1728.39	NI
SSC-03	Treat-P	1246576.287	289666.751	NI	1759.89	1760.40	screen	8	18	0	17.5	NI	1759.89	1742.39	NI
SSC-04	Treat-P	1246432.661	289636.060	NI	1758.19	1758.48	screen	8	19	0	18.5	NI	1758.19	1739.69	NI
									12	23.5	35.5				
MW-4S	RHRL	1247552.976	289682.757	1760.61	1762.77	1763.00	screen	2	16	6.2	22.5	25	1754.41	1738.11	1735.61
MW-4D	RHRL	1247558.596	289682.793	1760.75	1762.56	1762.67	screen	2	16	30	46	25	1730.75	1714.75	1735.75
RH-1	RHRL	1246110.668	290063.963	1754.02	1754.96	1755.10	screen	2	20	50	70	33.5	1704.02	1684.02	1720.52
RH-2	RHRL	1246055.901	289882.499	1740.98	1742.83	1743.11	screen	2	20	68	88	68	1672.98	1652.98	1672.98
RH-3	RHRL	1246093.679	289652.668	1752.35	1754.17	1754.45	screen	2	20	45	65	43	1707.35	1687.35	1709.35
RH-4S	RHRL	1246095.376	289643.033	1753.07	1754.98	1755.51	screen	2	10	7	17	NE	1746.07	1736.07	
RH-4D (frmr MW-07D)	RHRL	1246100.168	289627.811	1753.07	1753.98	1754.16	screen	2	15.7	22.4	38.1	22	1730.67	1714.97	1731.07
RH-5S	RHRL	1246586.047	289742.515	1758.24	1759.77	1760.33	screen	2	20	5	25	NE	1753.24	1733.24	
RH-5D	RHRL	1246592.761	289742.211	1758.26	1759.87	1760.05	screen	2	10	38	48	30	1720.26	1710.26	1728.26
RH-6S	RHRL	1246926.16	289710.137	1755.54	1757.51	1757.86	screen	2	20	5	25	NE	1750.54	1730.54	
RH-6D	RHRL	1246920.034	289711.151	1755.81	1757.54	1757.85	screen	2	10	35	45	33.5	1720.81	1710.81	1722.31
RH-7S	RHRL	1247384.403	289718.464	1754.62	1757.17	1757.72	screen	2	20	5	25	NE	1749.62	1729.62	
RH-7D	RHRL	1247377.66	289718.456	1754.37	1757.03	1757.65	screen	2	10	30	40	30	1724.37	1714.37	1724.37
RH-8S	RHRL	1246370.853	289672.221	1755.08	1756.97	1757.34	screen	2	20	8	28		1747.08	1727.08	
RH-8D	RHRL	1246381.597	289669.832	1755.69	NI	1757.99	OH	4	15	32	47	27.5	1723.69	1708.69	1728.19
RH-9D	RHRL	1244899.822	290136.940	1699.83	NI	1701.35	OH	4	20	44.5	64.5	41.5	1655.33	1635.33	1658.33
RH-10D	RHRL	1244836.431	289936.732	1694.07	NI	1695.69	OH	4	20.9	69.4	90.3	45	1624.67	1603.77	1649.07
RH-11D	RHRL	1244814.387	289708.003	1724.24	1723.68	1724.24	OH	4	19.7	25	44.7	21.5	1699.24	1679.54	1702.74
SUMP-1	RHRL	1247111.59	289690.222	1755.26	NI	NM	HDPE	24	24.82	NI	NI	NI	NI	NI	NI
SUMP-2	RHRL	1246731.666	289698.004	1759.98	NI	NM	HDPE	24	27.61	NI	NI	NI	NI	NI	NI
SUMP-3	RHRL	1246314.577	289631.928	1755.84	NI	NM	HDPE	24	15.82	NI	NI	NI	NI	NI	NI
ROSS PATTON WELL	HW	1249941.726	290208.205	1760.86	NI	1762.66	NI	NI	NI	NI	NI	NI	NI	NI	NI
ROSS PATTON OLD WELL	HW	1249649.556	290176.072	1782.20	NI	1783.40	NI	NI	NI	NI	NI	NI	NI	NI	NI
HAYNES WELL	HW	1241185.841	290791.397	1584.49	NI	1586.19	NI	NI	NI	NI	NI	NI	NI	NI	NI
DEMETRIADOU WELL	HW	1240124.475	290711.330	1564.58	NI	1565.99	NI	NI	NI	NI	NI	NI	NI	NI	NI
DIMATO WELL	HW	1245573.942	289739.819	1742.58	NI	1744.45	OH	NI	NI	NI	NI	NI	NI	NI	NI
DIMATO SPRING 1	SPRING	1245520.005	289566.704	NI	1761.09	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
DIMATO SPRING 2	SPRING	1245713.219	289578.461	NI	1765.05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
DIMATO SPRING 3	SPRING	1245702.591	289600.094	1761.67	1762.71	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
STINE/LACKNER SPRING	SPRING	1241896.185	289828.533	1729.84	1730.26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
WYATT SPRING	SPRING	1247694.673	289994.489	1759.63	1759.63	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
SPIZZIRI SPRING	SPRING	1247884.139	289771.487	1773.22	1774.35	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

NI - Not Information
NM - Not Measured
HDPE - Drilled perforation wrap with Geotextile

TABLE 5
Packer Sampling Summary
Dimatos Well

Richardson Hill Road Landfill Site
Sidney, NY

Ground Elevation (from Topo Map)	1742.58
Casing Elev. (Stick up 1.5 ft)	1744.45

Interval Sampled ft	Elevation		Flow Rate ml/min	Turbidity NTU	Comments	VC	t-DCE	c-DCE	TCE	TCA	DCA	TOL	TOTAL C-VOC
	Top Of Int	Bot of Int.											
28-37	1716.45	1707.45	100	124	lower recharge zone. Brownish water	<0.5	<0.5	5.6	5.4	<0.5	<0.5	11	11
37-46	1707.45	1698.45	300	3.84	higher recharge zone. Clear water	<0.5	<0.5	5.1	6.1	<0.5	<0.5	0.8	11.2
48-57	1696.45	1687.45	300	10.5	higher recharge zone. Clear water	1.1	<0.5	11	6.2	<0.5	0.5	6.4	18.8
57-66	1687.45	1678.45	300	4.39	lower recharge zone. Clear water	0.9	<0.5	11	6.4	<0.5	0.5	6.5	18.8
63-72	1681.45	1672.45	100	14.9	lower recharge zone. Clear water	9.2	0.6	43	8.4	1	2.2	11	64.4
72-81	1672.45	1663.45	100	22	lower recharge zone. Clear water	<0.5	<0.5	11	5.4	<0.5	<0.5	19	16.4
81-90	1663.45	1654.45	400	31	higher recharge zone. Clear water	0.6	<0.5	22	6.7	0.8	0.8	15	30.9
91-105	1653.45	1639.45	100	90.5	lower recharge zone. Light orange water	<0.5	<0.5	6	4.6	<0.5	<0.5	4	10.6

NOTES: VC - Vinyl Chloride
t-DCE - trans 1,2 Dichloroethene
c-DCE - cis 1,2 Dichloroethene
TCE - Trichloroethylene
TCA - 1,1,1 Trichloroethane
DCA - 1,1 Dichloroethane

TABLE 6
Ground Water Elevations

Richardson Hill Road Landfill Site
Sidney, New York

LOC-ID (WELL NAME)	SITE NAME	GRND ELEV.	INNER CASING ELEV.	OUTER CASING ELEV.	ELEVATION			DTW 2/5/2008	GW elevation 2/5/2008	DTW 3/4/2008	GW Elevation 3/4/2008	DTW 3/19/2008	GW Elevation 3/19/2008
					Top of Screen/OH	Bottom of Screen/OH	Top of Rock						
MW-1S	SIDNEY	2061.65	2063.14	2063.55	2046.15	1986.65	2051.15	NM	NM	NM	NM	NM	NM
MW-1D	SIDNEY	2061.27	2062.37	2063.43	1968.27	1946.27	2050.77	NM	NM	NM	NM	NM	NM
MW-2S	SIDNEY	1951.85	1953.15	1954.42	1926.45	1881.85	1933.35	NM	NM	NM	NM	NM	NM
MW-2D	SIDNEY	1952.32	1954.15	1954.70	1862.32	1801.52	1933.82	NM	NM	NM	NM	NM	NM
MW-3S	SIDNEY	2009.20	2010.56	2010.66	1974.20	1954.70	1984.70	NM	NM	NM	NM	NM	NM
MW-6S	SIDNEY	1856.08	1857.14	1857.75	1827.58	1817.58	1834.38	NM	NM	NM	NM	NM	NM
MW-6D	SIDNEY	1856.10	1857.38	1858.42	1797.60	1776.10	1834.40	NM	NM	NM	NM	NM	NM
MW-7S	SIDNEY	1786.44	1788.71	1788.75	1777.44	1765.44	1776.24	NM	NM	NM	NM	NM	NM
MW-7D	SIDNEY	1786.78	1787.97	1788.69	1765.78	1745.78	1776.58	NM	NM	NM	NM	NM	NM
MW-8S	SIDNEY	1803.57	1806.15	1803.57	1780.07	1765.37	1785.07	NM	NM	NM	NM	NM	NM
MW-8D	SIDNEY	1804.22	1806.40	1804.22	1745.72	1735.22	1785.72	NM	NM	NM	NM	NM	NM
MW-8DD	SIDNEY	1804.00	1806.02	1804.00	NI	NI	1785.50	NM	NM	NM	NM	NM	NM
MW-9S	SIDNEY	1808.50	1810.06	1810.83	1788.50	1775.50	1797.50	NM	NM	NM	NM	NM	NM
MW-9D	SIDNEY	1808.88	1810.13	1811.16	1755.88	1740.88	1797.88	NM	NM	NM	NM	NM	NM
MW-10S	SIDNEY	1858.01	1859.35	1859.65	1827.01	1813.01	1832.51	NM	NM	NM	NM	NM	NM
MW-10D	SIDNEY	1857.32	1858.47	1860.06	1792.32	1777.32	1831.82	NM	NM	NM	NM	NM	NM
MW-11S	SIDNEY	1768.59	1770.90	1771.11	1754.59	1742.59	1741.59	NM	NM	NM	NM	NM	NM
MW-11D	SIDNEY	1769.10	1770.18	1770.90	1729.10	1719.10	1742.10	NM	NM	20.37	1750.53	NM	NM
MW-12S	SIDNEY	1763.78	1764.18	1765.12	1738.28	1723.28	1743.78	NM	NM	18.50	1746.62	15.64	1748.54
MW-12D	SIDNEY	1764.77	1765.86	1766.07	1702.67	1686.27	1743.27	20.22	1744.55	22.33	1743.74	21.1	1744.76
MW-12DD	SIDNEY	1762.39	1763.74	1764.55	1632.39	1622.39	1740.89	NM	NM	62.22	1702.33	60.84	1702.90
MW-14S	SIDNEY	1937.78	1938.86	1939.89	1917.78	1865.78	1922.28	NM	NM	NM	NM	NM	NM
MW-15D	SIDNEY	1938.20	1940.12	1940.71	NI	NI	1923.90	NM	NM	NM	NM	NM	NM
MW-16S	SIDNEY	1945.73	1947.03	1948.75	1920.73	1865.73	1927.13	NM	NM	NM	NM	NM	NM
MW-17	SIDNEY	2056.28	2058.13	2058.88	1998.48	1917.28	2051.28	NM	NM	NM	NM	NM	NM
MW-18	SIDNEY	2049.39	2051.19	2052.21	1926.39	1879.39	2034.89	NM	NM	NM	NM	NM	NM
MW-19	SIDNEY	2027.58	2029.50	2030.00	1897.58	1877.58	2008.08	NM	NM	NM	NM	NM	NM
MW-22	SIDNEY	1833.49	1836.04	1836.12	1800.49	1743.49	1800.49	NM	NM	NM	NM	NM	NM
MW-23	SIDNEY	1804.55	1806.56	1806.79	1793.55	1781.05	1780.55	NM	NM	NM	NM	NM	NM
MW-26D	SIDNEY	1842.50	1844.13	1844.59	NI	NI	NI	NM	NM	NM	NM	NM	NM
TMW-1	Treat-P	NI	1753.71	1754.02	1753.71	1728.71	NI	8.15	1745.87	13.08	1740.94	11.02	1742.69
TMW-2	Treat-P	NI	1753.79	1754.10	1749.29	1729.29	NI	7.83	1746.27	9.9	1744.20	10.47	1743.32
TMW-3	Treat-P	NI	1755.11	1755.42	1751.61	1732.61	NI	10.05	1745.37	12.55	1742.87	13.72	1741.39
TMW-4	Treat-P	NI	1757.93	1758.27	1750.43	1730.43	NI	12.87	1745.40	14.85	1743.42	16.1	1741.83
TMW-5	Treat-P	NI	1759.98	1760.53	1754.98	1742.98	NI	14.55	1745.98	14.95	1745.58	14.34	1745.64
TMW-6	Treat-P	NI	1758.32	1758.46	1751.82	1741.82	NI	12.2	1746.26	12.47	1745.99	13.07	1745.25
TMW-7	Treat-P	NI	1755.03	1755.35	1752.53	1742.53	NI	10.2	1745.15	9.93	1745.42	9.52	1745.51
TMW-8	Treat-P	NI	1754.96	1755.55	1754.96	1735.96	NI	10.2	1745.35	13.2	1742.35	9.42	1745.54

TABLE 6
Ground Water Elevations

Richardson Hill Road Landfill Site
Sidney, New York

LOC-ID	SITE	GRND	INNER CASING	OUTER CASING	ELEVATION			DTW	GW elevation	DTW	GW Elevation	DTW	GW Elevation
					Top of	Bottom of	Top of						
(WELL NAME)	NAME	ELEV.	ELEV.	ELEV.	Screen/OH	Screen/OH	Rock	2/5/2008	2/5/2008	3/4/2008	3/4/2008	3/19/2008	3/19/2008
SSC-01	Treat-P	NI	1755.15	1755.32	1755.15	1731.15	NI	9.86	1745.46	15.5	1739.82	13.72	1741.43
SSC-02	Treat-P	NI	1757.89	1758.04	1750.89	1728.39	NI	12.7	1745.34	14.3	1743.74	16.55	1741.34
SSC-03	Treat-P	NI	1759.89	1760.40	1759.89	1742.39	NI	13.45	1746.95	18.7	1741.70	14.49	1745.40
SSC-04	Treat-P	NI	1758.19	1758.48	1758.19	1739.69	NI	12.47	1746.01	15.67	1742.81	12	1746.19
MW-4S	RHRL	1760.61	1762.77	1763.00	1754.41	1738.11	1735.61	NM	NM	4.92	1758.08	NM	NM
MW-4D	RHRL	1760.75	1762.56	1762.67	1730.75	1714.75	1735.75	NM	NM	6.10	1756.57	NM	NM
RH-1	RHRL	1754.02	1754.96	1755.10	1704.02	1684.02	1720.52	NM	NM	22.92	1732.18	19.9	1735.06
RH-2	RHRL	1740.98	1742.83	1743.11	1672.98	1652.98	1672.98	15.10	1728.01	17.61	1725.50	16.32	1726.51
RH-3	RHRL	1752.35	1754.17	1754.45	1707.35	1687.35	1709.35	12.90	1741.55	14.06	1740.39	13.95	1740.22
RH-4S	RHRL	1753.07	1754.98	1755.51	1746.07	1736.07		7.70	1747.81	9.81	1745.70	9.32	1745.66
RH-4D (frmr MW-07D	RHRL	1753.07	1753.98	1754.16	1730.67	1714.97	1731.07	19.86	1734.30	6.00	1748.16	8.99	1744.99
RH-5S	RHRL	1758.24	1759.77	1760.33	1753.24	1733.24		11.15	1749.18	15.08	1745.25	14.28	1745.49
RH-5D	RHRL	1758.26	1759.87	1760.05	1720.26	1710.26	1728.26	13.30	1746.75	15.65	1744.40	15.62	1744.25
RH-6S	RHRL	1755.54	1757.51	1757.86	1750.54	1730.54		29.55	1728.31	14.95	1742.91	16	1741.51
RH-6D	RHRL	1755.81	1757.54	1757.85	1720.81	1710.81	1722.31	9.60	1748.25	14.32	1743.53	15.3	1742.24
RH-7S	RHRL	1754.62	1757.17	1757.72	1749.62	1729.62		4.50	1753.22	8.25	1749.47	7.16	1750.01
RH-7D	RHRL	1754.37	1757.03	1757.65	1724.37	1714.37	1724.37	4.20	1753.45	8.12	1749.53	7.96	1749.07
RH-8S	RHRL	1755.08	1756.97	1757.34	1747.08	1727.08		9.05	1748.29	11.39	1745.95	17.26	1739.71
RH-8D	RHRL	1755.69	NI	1757.99	1723.69	1708.69	1728.19	10.07	1747.92	12.63	1745.36	12.6	1745.39
RH-9	RHRL	1699.83	NI	1701.35	1655.33	1635.33	1658.33	NM	NM	NM	NM	7.02	1694.33
RH-10	RHRL	1694.07	NI	1695.69	1624.67	1603.77	1649.07	NM	NM	NM	NM	1.53	1694.16
RH-11	RHRL	1724.24	1723.68	1724.24	1699.24	1679.54	1702.74	NM	NM	NM	NM	27.1	1696.58
SUMP-1	RHRL	1755.26	NI	NM	NI	NI	NI	NM	NM	NM	NM	NM	NM
SUMP-2	RHRL	1759.98	NI	NM	NI	NI	NI	NM	NM	NM	NM	NM	NM
SUMP-3	RHRL	1755.84	NI	NM	NI	NI	NI	NM	NM	NM	NM	NM	NM
ROSS PATTON WEL	HW	1760.86	NI	1762.66	NI	NI	NI	NM	NM	NM	NM	NM	NM
ROSS PATTON OLD	HW	1782.20	NI	1783.40	NI	NI	NI	NM	NM	NM	NM	NM	NM
HAYNES WELL	HW	1584.49	NI	1586.19	NI	NI	NI	NM	NM	NM	NM	NM	NM
DEMETRIADOU WEL	HW	1564.58	NI	1565.99	NI	NI	NI	NM	NM	NM	NM	NM	NM
DIMATO WELL	HW	1742.58	NI	1744.45	NI	NI	NI	NM	NM	NM	NM	NM	NM
DIMATO SPRING 1	SPRING	NI	1761.09	NI	NI	NI	NI	NM	NM	NM	NM	NM	NM
DIMATO SPRING 2	SPRING	NI	1765.05	NI	NI	NI	NI	NM	NM	NM	NM	NM	NM
DIMATO SPRING 3	SPRING	1761.67	1762.71	NI	NI	NI	NI	NM	NM	NM	NM	NM	NM
STINE/LACKNER SP	SPRING	1729.84	1730.26	NI	NI	NI	NI	NM	NM	NM	NM	NM	NM
WYATT SPRING	SPRING	1759.63	1759.63	NI	NI	NI	NI	NM	NM	NM	NM	NM	NM
SPIZZIRI SPRING	SPRING	1773.22	1774.35	NI	NI	NI	NI	NM	NM	NM	NM	NM	NM

NI - Not Information
NM - Not Measured
HDPE - Drilled perforation wrap with Geotextile

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	TMW-1	TMW-2	TMW-2	TMW-2	TMW-2	TMW-3	TMW-3	TMW-3	TMW-3
Analyte	**Ground Water Criteria**	Sample I.D.	TMW-01XX-0801-XX	TMW-02XX-0702-XX	TMW-02XX-0703-XX	TMW-02XX-0704-XX	TMW-02XX-0801	TMW-03XX-0702-XX	TMW-03XX-0702-XD	TMW-03XX-0703-XX	TMW-03XX-0703-XD
		Date	3/27/2008	5/30/2007	8/28/2007	12/11/2007	3/26/2008	5/30/2007	5/30/2007	8/28/2007	8/28/2007
1,1,1-Trichloroethane	5	ug/l	<10	<5	<5	<5	<10	<50	<50	<50	<50
1,1-Dichloroethane	5	ug/l	<10	<5	<5	<5	<10	<50	<50	<50	<50
Acetone	50*	ug/l	<10	<10	<10	<10	<10	<100	<100	<100	<100
Bromodichloromethane	50*	ug/l	<10	<5	<5	<5	<10	<50	<50	<50	<50
Chloroform	7	ug/l	<10	<5	<5	<5	<10	<50	<50	<50	<50
Chloromethane (Methyl Chloride)	5	ug/l	<10	<10	<10 UJ	<10 J	<10	<100	<100	<100 UJ	<100 UJ
cis-1,2-Dichloroethene	5	ug/l	**66**	**86**	**40**	**84**	**45**	**1900**	**1700**	**1400 J**	**1500 J**
Trichloroethene	5	ug/l	**63**	**96 J**	**150**	**140**	**88**	**240**	**220**	**360**	**340**
Vinyl chloride	2	ug/l	<10	<10	<10	<10	<10	**420**	**350**	**150 J**	**130 J**
PCB - Aroclor 1242	0.09	ug/l	<0.05	<0.065	<0.065	<0.064	<0.05	**0.337**	**0.361**	**0.926**	**0.76**

Notes : Higlighted Value = Detected Constituent
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< = not detected at value indicated
J = Estimated Value
-XX - normal sample, XD - field duplicate.
- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	TMW-3	TMW-3	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-5	TMW-5
Analyte	**Ground Water Criteria**	Sample I.D.	TMW-03XX-0704-XX	TMW-03XX-0801-XX	TMW-04XX-0702-XX	TMW-04XX-0703-XX	TMW-04XX-0704-XD	TMW-04XX-0704-XX	TMW-04XX-0801-XX	TMW-05XX-0702-XX	TMW-05XX-0703-XX
		Date	12/11/2007	3/26/2008	5/30/2007	8/28/2007	12/12/2007	12/12/2007	3/26/2008	5/31/2007	8/30/2007
1,1,1-Trichloroethane	5	ug/l	<50	<100	<25	<25	<25	<25	<50	<10	<25
1,1-Dichloroethane	5	ug/l	<50	<100	**40**	**39 J**	**54**	**54**	**40 J**	**17**	<25
Acetone	50*	ug/l	<100	<100	<50	<50	<50	<50	<50	**<37**	<50
Bromodichloromethane	50*	ug/l	<50	<100	<25	<25	<25	<25	<50	<10	<25
Chloroform	7	ug/l	<50	<100	<25	<25	<25	<25	<50	<10	<25
Chloromethane (Methyl Chloride)	5	ug/l	<100	<100	<50	<50 UJ	<50	<50	<50	<20	<50 UJ
cis-1,2-Dichloroethene	5	ug/l	**1900 J**	**1100**	**540**	**720 J**	**790**	**770**	**850**	**380**	**390 J**
Trichloroethene	5	ug/l	**260 J**	**390**	**27**	**55**	**31 J**	**32 J**	**130**	**49**	**49 J**
Vinyl chloride	2	ug/l	**200 J**	**100 J**	**650**	**410 J**	**510**	**480**	**520**	**160**	**120**
PCB - Aroclor 1242	0.09	ug/l	**0.345**	**0.44**	**0.274**	**0.393**	**0.292 J**	**0.197**	**0.36**	**0.165**	<0.066

Notes : Higlighted Value = Detected Constituent
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- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	TMW-5	TMW-5	TMW-6	TMW-6	TMW-6	TMW-6	TMW-7	TMW-7	TMW-7
Analyte	**Ground Water Criteria**	Sample I.D.	TMW-05XX-0704-XX	TMW-05XX-0801-XX	TMW-06XX-0702-XX	TMW-06XX-0703-XX	TMW-06XX-0704-XX	TMW-06XX-0801-XX	TMW-07XX-0702-XX	TMW-07XX-0703-XX	TMW-07XX-0704-XX
		Date	12/13/2007	3/26/2008	5/31/2007	8/30/2007	12/13/2007	3/26/2008	5/30/2007	8/28/2007	12/14/2007
1,1,1-Trichloroethane	5	ug/l	<10	<10	<5	<5	<5	<10	<5	<5	<5
1,1-Dichloroethane	5	ug/l	**18 J**	**10**	<5	**5.7 J**	<5	<10	<5	<5	<5
Acetone	50*	ug/l	**<46**	**61**	**<17**	**<24**	**190**	**120**	<10	<10	<10
Bromodichloromethane	50*	ug/l	<10	<10	<5	<5	<5	<10	<5	<5	<5
Chloroform	7	ug/l	<10	<10	<5	<5	<5	<10	<5	<5	<5
Chloromethane (Methyl Chloride)	5	ug/l	<20	<10	<10	<10 UJ	<10	<10	<10	<10 UJ	<10
cis-1,2-Dichloroethene	5	ug/l	**290**	**160**	**52**	**38**	**23**	**12**	**35**	**36**	**55**
Trichloroethene	5	ug/l	**43**	**28**	**18**	**18**	**13**	**9 J**	**9.5**	**12**	**7.8 J**
Vinyl chloride	2	ug/l	**76**	**27**	**27**	**15 J**	<10	<10	**14**	<10 UJ	**13**
PCB - Aroclor 1242	0.09	ug/l	<0.064	<0.054	<0.065	**0.098**	<0.064	<0.052	<0.065	<0.066	<0.064

Notes : Higlighted Value = Detected Constituent
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J = Estimated Value
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- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	TMW-7	TMW-7	TMW-8	TMW-8	SUMP 1	SUMP 1	SUMP 1	SUMP 1	SUMP 2	SUMP 2	SUMP 2	SUMP 2
Analyte	**Ground Water Criteria**	Sample I.D.	TMW-07XX-0801-XX	TMW-07XX-0801-XD	TMW-08XX-0801-XX	TMW-08XX-0801-XD	SUMP 1	SUMP 1	SUMP 1	SUMP 1	SUMP 2	SUMP 2	SUMP 2	SUMP 2
		Date	3/25/2008	3/25/2008	3/28/2008	3/28/2008	5/31/2007	8/29/2007	12/14/2007	3/28/2008	05/31/07	8/28/2007	12/14/2007	3/28/2008
1,1,1-Trichloroethane	5	ug/l	<10	<10	<20	<20	<5	<50	**6.3 J**	**20 J**	<25	<10	<50	<20
1,1-Dichloroethane	5	ug/l	<10	<10	<20	**9 J**	<5	<50	<5	<50	<25	**20**	<50	**20 J**
Acetone	50*	ug/l	<10	<10	<20	<20	<10	<100	<10	<50	<50	<20	<100	<20
Bromodichloromethane	50*	ug/l	<10	<10	<20	<20	<5	<50	<5	<50	<25	<10	<50	<20
Chloroform	7	ug/l	<10	<10	<20	<20	<5	<50	<5	<50	<25	<10	<50	<20
Chloromethane (Methyl Chloride)	5	ug/l	<10	<10	<20	<20	<10	<100 UJ	<10	<50	<50	<20 UJ	<100	<20
cis-1,2-Dichloroethene	5	ug/l	**15**	**17**	**280**	**370**	**160**	**1700 J**	**190**	**680**	**920**	**270**	**780**	**380**
Trichloroethene	5	ug/l	<10	<10	**22**	**26**	**55**	**200**	**52**	**94**	**65**	**150**	**53**	**73**
Vinyl chloride	2	ug/l	<10	**5 J**	**55**	**71**	<10	**180**	**11**	**71**	**130**	**71**	<100	**85**
PCB - Aroclor 1242	0.09	ug/l	<0.049	<0.05	**0.26**	**0.37**	<0.065	**0.125**	**0.086**	**140**	**0.582**	**0.166**	**0.187**	**0.34**

Notes : Higlighted Value = Detected Constituent
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- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	SUMP 3	SUMP 3	SUMP 3	SUMP 3	SSC-01	SSC-02	SSC-03	SSC-04	MW-12S	MW-12S
Analyte	**Ground Water Criteria**	Sample I.D.	SUMP 3	SUMP 3	SUMP 3	SUMP 3	SSC-01XX-0801-XX	SSC-02XX-0801-XX	SSC-03XX-0801-XX	SSC-04XX-0801-XX	XMW-12SX-0702-XX	XMW-12SX-0702-XX
		Date	05/31/07	8/29/07	12/14/07	3/28/2008	3/27/2008	3/27/2008	3/27/2008	3/28/2008	5/31/2007	8/30/2007
1,1,1-Trichloroethane	5	ug/l	<5	<5	<5	<10	**70 J**	<100	<10	<10	<5	<5
1,1-Dichloroethane	5	ug/l	<5	<5	<5	<10	<100	<100	**7 J**	**5 J**	<5	<5
Acetone	50*	ug/l	<10	<10	<10	<10	<100	<100	<10	<10	<10	<10
Bromodichloromethane	50*	ug/l	<5	<5	<5	<10	<100	<100	<10	<10	<5	<5
Chloroform	7	ug/l	<5	<5	<5	<10	<100	<100	<10	<10	<5	<5
Chloromethane (Methyl Chloride)	5	ug/l	<10	<10 UJ	<10	<10	<100	<100	<10	<10	<10	<10 UJ
cis-1,2-Dichloroethene	5	ug/l	**56**	**74**	**110**	**43**	**1900**	**1300**	**61**	**170**	<5	**5.5 J**
Trichloroethene	5	ug/l	**7.9**	**19**	**15**	**9 J**	**180**	**260**	**8 J**	**34**	<5	**12**
Vinyl chloride	2	ug/l	<10	<10	<10	<10	**100**	**190**	<10	**26**	<10	<10
PCB - Aroclor 1242	0.09	ug/l	<0.065	<0.065	<0.064	<0.05	**0.24**	**0.69**	**0.05 J**	**0.084**	NS	<0.065

Notes : Higlighted Value = Detected Constituent
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- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	MW-12S	MW-12S	MW-12D	MW-12D	MW-12D	MW-12D	MW-12-DD	MW-12-DD	MW-12-DD
Analyte	**Ground Water Criteria**	Sample I.D.	XMW-12SX-0704-XX	XMW-12SX-0801-XX	XMW-12DX-0702-XX	XMW-12DX-0702-XX	XMW-12DX-0704-XX	XMW-12DX-0801-XX	XMW-12DD-0702-XX	XMW-12DD-0703-XX	XMW-12DD-0704-XX
		Date	12/13/2007	3/20/2008	5/31/2007	8/30/2007	12/13/2007	3/20/2008	5/31/2007	8/30/2007	12/13/2007
1,1,1-Trichloroethane	5	ug/l	<5	<10	<5	<5	**5.4 J**	<10	<5	<5	<5
1,1-Dichloroethane	5	ug/l	<5	<10	<5	<5	<5	<10	<5	<5	<5
Acetone	50*	ug/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bromodichloromethane	50*	ug/l	<5	<10	<5	<5	<5	<10	<5	<5	<5
Chloroform	7	ug/l	<5	<10	<5	<5	<5	<10	<5	<5	<5
Chloromethane (Methyl Chloride)	5	ug/l	<10	<10	<10	<10 UJ	<10	<10	<10	<10 UJ	<10
cis-1,2-Dichloroethene	5	ug/l	<5	<10	**110**	**110**	**140**	**150**	<5	<5	<5
Trichloroethene	5	ug/l	<5	<10	**14**	**14**	**12**	**10 J**	<5	<5	<5
Vinyl chloride	2	ug/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
PCB - Aroclor 1242	0.09	ug/l	<0.064	<0.049	NS	<0.065	<0.064	<0.05	NS	<0.065	<0.064

Notes : Higlighted Value = Detected Constituent
* = Guidance Value
< = not detected at value indicated
J = Estimated Value
-XX - normal sample, XD - field duplicate.
- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	MW-12-DD	RH-1	RH-1	RH-1	RH-1	RH-2	RH-2	RH-2	RH-2	RH-2
Analyte	**Ground Water Criteria**	Sample I.D.	XMW-12DD-0801-XX	MW-RH01-0703-XX	MW-RH01-0703-XX	RH01-0704-XX	XRH-01XX-0801-XX	MW-RH02-0703-XX	MW-RH02-0703-XX	RH02-0704-XX	RH02-0704-XD	XRH-02XX-0801-XX
		Date	3/20/2008	8/31/2007	9/24/2007	12/13/2007	3/21/2008	8/30/2007	9/24/2007	12/14/2007	12/14/2007	3/24/2008
1,1,1-Trichloroethane	5	ug/l	<10	<25	<25	**5.1 J**	<10	<25	<25	<25	<25	<50
1,1-Dichloroethane	5	ug/l	<10	<25	<25	<5	<10	<25	<25	<25	<25	<50
Acetone	50*	ug/l	<10	<50	<50	<10	<10	<50	<50	<50	<50	<50
Bromodichloromethane	50*	ug/l	<10	<25	<25	<5	<10	<25	<25	<25	<25	<50
Chloroform	7	ug/l	<10	<25	<25	<5	<10	<25	<25	<25	<25	<50
Chloromethane (Methyl Chloride)	5	ug/l	<10	<50 UJ	<50	<10	<10	<50 UJ	<50	<50	<50	<50
cis-1,2-Dichloroethene	5	ug/l	<10	**530**	**480**	**180**	**160**	**590**	**640**	**660**	**520**	**670**
Trichloroethene	5	ug/l	<10	**110**	**62**	**28**	**18**	**97**	**79**	**85**	**68**	**55**
Vinyl chloride	2	ug/l	<10	<50	**83**	<10	<10	<50	<50	<50	<50	<50
PCB - Aroclor 1242	0.09	ug/l	<0.052	<0.065	<0.065	<0.064	<0.052	<0.065	<0.065	<0.064	<0.064	<0.049

Notes : Higlighted Value = Detected Constituent
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J = Estimated Value
-XX - normal sample, XD - field duplicate.
- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	RH-3	RH-3	RH-3	RH-3	RH-4S	RH-4S	RH-4S	TH-4D	TH-4D	TH-4D
Analyte	**Ground Water Criteria**	Sample I.D.	MW-RH03-0703-XX	MW-RH03-0703-XX	RH03-0704-XX	XRH-03XX-0801-XX	RH-04SX-0703-XX	RH-04SX-0703-XD	XRH-04SX-0801-XX	RH-04DX-0703-XX	RH-04DX-0703-XX	XRH-04DX-0801-XX
		Date	8/30/2007	9/24/2007	12/10/2007	3/24/2008	9/24/2007	9/24/2007	3/24/2008	9/24/2007	12/10/2007	3/24/2008
1,1,1-Trichloroethane	5	ug/l	<25	<25	<25	<50	<5	<5	<10	<25	<25	<10
1,1-Dichloroethane	5	ug/l	<25	<25	<25	<50	<5	<5	<10	<25	<25	<10
Acetone	50*	ug/l	<50	<50	<50	<50	<10	<10	<10	<50	<50	<10
Bromodichloromethane	50*	ug/l	<25	<25	<25	<50	<5	<5	<10	<25	<25	<10
Chloroform	7	ug/l	<25	<25	<25	<50	<5	<5	<10	<25	<25	<10
Chloromethane (Methyl Chloride)	5	ug/l	<50 UJ	<50	<50	<50	<10	<10	<10	<50	<50	<10
cis-1,2-Dichloroethene	5	ug/l	**420 J**	**440**	**520**	**490**	<5	<5	<10	**550**	**530**	**200**
Trichloroethene	5	ug/l	**34 J**	**45**	**41 J**	**30 J**	<5	<5	<10	**38 J**	**44 J**	**18**
Vinyl chloride	2	ug/l	**69 J**	**170**	**73**	**64**	<10	<10	<10	**230**	**68**	**30**
PCB - Aroclor 1242	0.09	ug/l	<0.065	<0.065	**0.092**	**0.03 J**	<0.065	<0.065	<0.049	**0.132**	**0.251 J**	**0.083**

Notes : Higlighted Value = Detected Constituent
* = Guidance Value
< = not detected at value indicated
J = Estimated Value
-XX - normal sample, XD - field duplicate.
- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	RH-5S	RH-5S	RH-5S	RH-5D	RH-5D	RH-5D	RH-6S	RH-6S	RH-6S	RH-6S
Analyte	**Ground Water Criteria**	Sample I.D.	RH-05SX-0703-XX	RH-05SX-0704-XX	XRH-05SX-0801-XX	RH-05DX-0703-XX	RH-05DX-0704-XX	XRH-05DX-0801-XX	RH-06SX-0703-XX	RH-06SX-0704-XX	XRH-06SX-0801-XX	XRH-06SX-0801-XD
		Date	9/26/2007	12/12/2007	3/26/2008	9/25/2007	12/13/2007	3/25/2008	9/25/2007	12/12/2007	3/26/2008	3/26/2008
1,1,1-Trichloroethane	5	ug/l	<25	<5	<10	<25	<50	<50	<500	**130 J**	**80 J**	**100 J**
1,1-Dichloroethane	5	ug/l	<25	**5.6 J**	<10	<25	<50	<50	<500	<100	<200	<200
Acetone	50*	ug/l	<50	<10	<10	<50	<100	<50	<1000	<200	<200	<200
Bromodichloromethane	50*	ug/l	<25	<5	<10	<25	<50	<50	<500	<100	<200	<200
Chloroform	7	ug/l	<25	<5	<10	<25	<50	<50	<500	<100	<200	<200
Chloromethane (Methyl Chloride)	5	ug/l	<50	<10	<10	<50	<100	<50	<1000	<200	<200	<200
cis-1,2-Dichloroethene	5	ug/l	**650**	**140**	**95**	**580**	**1100**	**610**	**3700**	**3600 J**	**2800**	**3500**
Trichloroethene	5	ug/l	**150**	**54**	**39**	**110**	**220**	**130**	**<500**	**210 J**	**230**	**310**
Vinyl chloride	2	ug/l	**230**	**23**	**14**	**250**	**210**	**120**	**1600**	**350 J**	**300**	**360**
PCB - Aroclor 1242	0.09	ug/l	<0.068	<0.064	<0.05	<0.065	**0.113 J**	<0.05	**1.11**	**1.45**	**1.1**	**1.3**

Notes : Higlighted Value = Detected Constituent
* = Guidance Value
< = not detected at value indicated
J = Estimated Value
-XX - normal sample, XD - field duplicate.
- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	RH-6D	RH-6D	RH-6D	RH-7S	RH-7S	RH-7S	RH-7D	RH-7D	RH-7D	RH-8S
Analyte	**Ground Water Criteria**	Sample I.D.	RH-06DX-0703-XX	RH-06DX-0704-XX	XRH-06DX-0801-XX	RH-07SX-0703-XX	RH-07SX-0703-XX	XRH-07SX-0801-XX	RH-07DX-0703-XX	RH-07DX-0704-XX	XRH-07DX-0801-XX	XRH-08SX-0801-XX
		Date	9/25/2007	12/12/2007	3/26/2008	9/26/2007	12/11/2007	3/27/2008	9/26/2007	12/12/2007	3/28/2008	3/25/2008
1,1,1-Trichloroethane	5	ug/l	<50	<50	<100	<5	<5	<10	<5	<5	<10	<10
1,1-Dichloroethane	5	ug/l	<50	<50	<100	<5	<5	<10	<5	<5	<10	<10
Acetone	50*	ug/l	<100	<100	<100	<10	<10	<10	<10	<10	<10	<10
Bromodichloromethane	50*	ug/l	<50	<50	<100	<5	<5	<10	<5	<5	<10	<10
Chloroform	7	ug/l	<50	<50	<100	<5	<5	<10	<5	<5	<10	<10
Chloromethane (Methyl Chloride)	5	ug/l	<100	<100	<100	<10	<10 J	<10	<10	<10	<10	<10
cis-1,2-Dichloroethene	5	ug/l	**940**	**970**	**830**	<5	<5	<10	<5	<5	<10	**17**
Trichloroethene	5	ug/l	**360**	**360**	**300**	**8.1 J**	**11**	**6 J**	<5	<5	<10	**4 J**
Vinyl chloride	2	ug/l	**190**	<100	<100	<10	<10	<10	<10	<10	<10	**13**
PCB - Aroclor 1242	0.09	ug/l	**0.173**	**0.319**	**0.17**	<0.065	<0.064	<0.05	<0.065	<0.064	<0.05	<0.049

Notes : Higlighted Value = Detected Constituent
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J = Estimated Value
-XX - normal sample, XD - field duplicate.
- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	TH-8D	RH-9D	RH-10D	RH-11D	Dimatos Residence	Dimatos Spring	Dimatos Residence	Demetriadou Well	Babcock Well	Haynes Well
Analyte	**Ground Water Criteria**	Sample I.D.	XRH-08DX-0801-XX	XRH-09DX-0801-XX	XRH-10DX-0801-XX	XRH-11DX-0801-XX	Dimatos Residence	Dimatos Spring	Dimatos Residence	Demetriadou Well	Babcock Well	Haynes Well
		Date	3/25/2008	4/15/2008	4/15/2008	4/15/2008	12/12/2007	12/13/2007	3/24/2008	2/19/2008	2/1/2008	2/1/2008
1,1,1-Trichloroethane	5	ug/l	<50	<0.5	<0.5	<0.5	<5	<5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	5	ug/l	<50	<0.5	<0.5	<0.5	<5	<5	**0.6**	<0.5	<0.5	<0.5
Acetone	50*	ug/l	<50	<5	<5	<5	<10	<10	**5.4**	<5	<5	<5
Bromodichloromethane	50*	ug/l	<50	<0.5	<0.5	<0.5	<5	<5	**0.7**	<0.5	<0.5	<0.5
Chloroform	7	ug/l	<50	<0.5	<0.5	<0.5	<5	<5	**26**	<0.5	<0.5	<0.5
Chloromethane (Methyl Chloride)	5	ug/l	<50	<0.5	<0.5	<0.5	<10	<10	**8.7**	**2.9**	<0.5	<0.5
cis-1,2-Dichloroethene	5	ug/l	**400**	<0.5	<0.5	<0.5	**9.3**	<5	**8.9**	<0.5	<0.5	**2.7**
Trichloroethene	5	ug/l	**63**	<0.5	<0.5	<0.5	**7.8**	<5	**3.9**	<0.5	<0.5	**1.3**
Vinyl chloride	2	ug/l	**40 J**	<0.5	<0.5	<0.5	<10	<10	<0.5	<0.5	<0.5	<0.5
PCB - Aroclor 1242	0.09	ug/l	**0.03 J**	<0.052	<0.052	<0.045	<0.064	<0.064	NA			

Notes : Higlighted Value = Detected Constituent
* = Guidance Value
< = not detected at value indicated
J = Estimated Value
-XX - normal sample, XD - field duplicate.
- XD - field duplicate.

TABLE 7
Ground Water Quality Data Summary

Richardson Hill Road Landfill Site
Sidney, NY

		Location ID	Haynes Well	Haynes Duplicate
Analyte	**Ground Water Criteria**	Sample I.D.	Haynes Well	Haynes Duplicate
		Date	3/24/2008	3/24/2008
1,1,1-Trichloroethane	5	ug/l	<0.5	<0.5
1,1-Dichloroethane	5	ug/l	<0.5	<0.5
Acetone	50*	ug/l	<5	<5
Bromodichloromethane	50*	ug/l	<0.5	<0.5
Chloroform	7	ug/l	<0.5	<0.5
Chloromethane (Methyl Chloride)	5	ug/l	**5.8**	**3.1**
cis-1,2-Dichloroethene	5	ug/l	**2.5**	**2.2**
Trichloroethene	5	ug/l	**1.2**	**1.1**
Vinyl chloride	2	ug/l	<0.5	<0.5
PCB - Aroclor 1242	0.09	ug/l	NA	NA

Notes : Higlighted Value = Detected Constituent
* = Guidance Value
< = not detected at value indicated
J = Estimated Value
-XX - normal sample, XD - field duplicate.
- XD - field duplicate.

TABLE 8
Natural Attenuation Parameter Summary

Richardson Hill Road Landfill Site
Sidney, NY

Analyte	Location ID	TMW-1	TMW-8	TMW-08	SSC-01	SSC-03	MW-12S
	Sample I.D.	TMW-01XX-0801-XX	TMW-08XX-0801-XX	TMW-08XX-0801-XD	SSC-01XX-0801-XX	SSC-03XX-0801-XX	XMW-12SX-0801-XX
	Date	3/27/2008	3/28/2008	3/28/2008	3/27/2008	3/27/2008	3/20/2008
Chloride	mg/L	4	2	2	3	4	<1
Sulfate	mg/L	11	8.2	8.3	7	15	5.5
Biochemical Oxygen Demand	mg/L	<2 S	3 S	3 S	<2 S	<2 S	<2
Carbon dioxide, Free	mg/L	25.3	49.9	51.9	34.8	36.5	25.4
Nitrogen, Nitrate (As N)	mg/L	0.1	<0.02	<0.02	0.07	0.1	<0.02
Chemical Oxygen Demand	mg/L	<5	<5	<5	<5	<5	<5
Total Organic Carbon	mg/L	<1	<1	<1	<1	1.1	<1
Calcium	mg/L	9.29	30.9	30.6	11.8	46.5	2.56
Iron	mg/L	0.071	0.683	0.676	1.15	0.174	0.071
Ferrous Iron	mg/L	<0.2	0.06	0.06	1	<0.2	<0.2
Magnesium	mg/L	3.31	7.02	6.94	4.87	8.19	1.03
Manganese	mg/L	0.05	2.74	2.69	1.63	0.204	0.001 J
Manganese, Dissolved	mg/L	0.045	2.77	2.74	1.57	0.19	<0.02
Potassium	mg/L	0.482	1.17	1.15	0.675	1.81	0.237
Sodium	mg/L	2.39	5.49	5.45	2.75	4.59	0.802
Alkalinity, Total (As CaCO3)	mg/L	40	125	130	55	145	8
Ethane	mg/L	<1	<1	<1	<1	<1	<1
Ethene	mg/L	<1	<1	<1	<1	<1	<1
Methane	mg/L	<1	1	1	<1	<1	<1
Dissolved Oxygen	mg/L	3.6	<1	<1	2.7	4.6	7.5

Notes : < = not detected at value indicated
J = estimated,
-XX - normal sample.
- XD - field duplicate.

TABLE 8
Natural Attenuation Parameter Summary

Richardson Hill Road Landfill Site
Sidney, NY

Analyte	Location ID	MW-12D	MW-12D	RH-1	RH-2	RH-3	RH-4S
	Sample I.D.	MW-12DX-0704-XX	XMW-12DX-0801-XX	XRH-01XX-0801-XX	XRH-02XX-0801-XX	XRH-03XX-0801-XX	XRH-04SX-0801-XX
	Date	12/13/2007	3/20/2008	3/21/2008	3/24/2008	3/24/2008	3/24/2008
Chloride	mg/L	2	2	4	NA	NA	NA
Sulfate	mg/L	8.9	9	5.8	3.8	6.6	8
Biochemical Oxygen Demand	mg/L	<2	<2	<2	<2	<2	<2
Carbon dioxide, Free	mg/L	1.6	1.2	31.8	45.1	42.2	25.3
Nitrogen, Nitrate (As N)	mg/L	0.07	<0.02	0.03	<0.02	<0.02	<0.02
Chemical Oxygen Demand	mg/L	<5	<5	<5	9	9	9
Total Organic Carbon	mg/L	<1	<1	<1	<1	<1	<1
Calcium	mg/L	NA	25.1	11.3	11.1	17	18.8
Iron	mg/L	<0.05	0.48	1.21	0.141	0.612	0.297
Ferrous Iron	mg/L	2.6	<0.2	<0.2	<0.2	<0.2	0.2
Magnesium	mg/L	5.71	6.54	3.96	4.72	6.42	7.56
Manganese	mg/L	0.035	0.036	0.082	0.009 J	0.413	2.1
Manganese, Dissolved	mg/L	0.026	0.008 J	0.039	0.004 J	0.368	2.13
Potassium	mg/L	NA	0.974	0.508	1.1	1.04	1.02
Sodium	mg/L	NA	4.84	3.28	4.05	5.57	4.2
Alkalinity, Total (As CaCO3)	mg/L	80	96	40	45	67	80
Ethane	mg/L	<1	<1	<1	<1	<1	<1
Ethene	mg/L	<1	<1	<1	<1	<1	<1
Methane	mg/L	<1	<1	<1	<1	<1	<1
Dissolved Oxygen	mg/L	3.27	1.2	3.2	<1	<1	<1

Notes : < = not detected at value indicated
J = estimated,
-XX - normal sample.
- XD - field duplicate.

TABLE 8
Natural Attenuation Parameter Summary

Richardson Hill Road Landfill Site
Sidney, NY

Analyte	Location ID	RH-4D	RH-6S	RH-6S	RH-6D	RH-8S	RH-8D
	Sample I.D.	XRH-04DX-0801-XX	XRH-06SX-0801-XX	XRH-06SX-0801-XD	XRH-06DX-0801-XX	XRH-08SX-0801-XX	XRH-08DX-0801-XX
	Date	3/24/2008	3/26/2008	3/26/2008	3/26/2008	3/25/2008	3/25/2008
Chloride	mg/L	NA	5	5	2	NA	NA
Sulfate	mg/L	6.8	6.3	6.2	7	27	17
Biochemical Oxygen Demand	mg/L	<2	<2 S	<2 S	<2 S	<2	<2
Carbon dioxide, Free	mg/L	40	46.6	45.3	15.8	95.4	103
Nitrogen, Nitrate (As N)	mg/L	0.03	<0.02	<0.02	<0.02	<0.02	<0.02
Chemical Oxygen Demand	mg/L	<5	<5	<5	<5	13	9
Total Organic Carbon	mg/L	1.1	1.6	1.6	<1	3.3	2.1
Calcium	mg/L	16.2	27.5	28.5	11.4	43.8	25.6
Iron	mg/L	1.64	1.28	1.31	1.07	1.28	1.44
Ferrous Iron	mg/L	<0.2	1.6	1.6	0.06	1.6	1.6
Magnesium	mg/L	6.52	11.4	11.8	4.54	14.9	9.56
Manganese	mg/L	1.1	7.26	7.53	2.64	16.9	4.07
Manganese, Dissolved	mg/L	1	7.5	7.56	2.57	16.6	3.98
Potassium	mg/L	1.01	0.95	0.989	0.628	2.04	1.3
Sodium	mg/L	4.66	7.03	7.27	2.99	9.8	7.75
Alkalinity, Total (As CaCO3)	mg/L	63	147	143	50	190	103
Ethane	mg/L	<1	<1	<1	<1	<1	<1
Ethene	mg/L	<1	<1	<1	<1	<1	<1
Methane	mg/L	<1	<1	<1	<1	<1	<1
Dissolved Oxygen	mg/L	<1	<1	<1	<1	<1	<1

Notes : < = not detected at value indicated
J = estimated,
-XX - normal sample.
- XD - field duplicate.

TABLE 8
Natural Attenuation Parameter Summary

Richardson Hill Road Landfill Site
Sidney, NY

Analyte	Location ID	RH-9D	RH-10D	RH-11D
	Sample I.D.	XRH-09DX-0801-XX	XRH-10DX-0801-XX	XRH-11DX-0801-XX
	Date	3/20/2008	3/19/2008	3/20/2008
Chloride	mg/L	1	3	6
Sulfate	mg/L	8.9	11	6.4
Biochemical Oxygen Demand	mg/L	<2	4	<2
Carbon dioxide, Free	mg/L	<0.5	<0.5	40
Nitrogen, Nitrate (As N)	mg/L	<0.02	<0.02	1.11
Chemical Oxygen Demand	mg/L	<5	<5	<5
Total Organic Carbon	mg/L	<1	1.7	<1
Calcium	mg/L	61.1	27.2	7.19
Iron	mg/L	56.3	13.4	0.216
Ferrous Iron	mg/L	<0.2	<0.2	<0.2
Magnesium	mg/L	18.7	6.58	2.55
Manganese	mg/L	3.1	0.334	0.015 J
Manganese, Dissolved	mg/L	0.011 J	0.011 J	0.012 J
Potassium	mg/L	5.76	3.45	0.384
Sodium	mg/L	6.84	8.01	3.56
Alkalinity, Total (As CaCO3)	mg/L	125	85	20
Ethane	mg/L	<1	<1	<1
Ethene	mg/L	<1	<1	<1
Methane	mg/L	<1	<1	<1
Dissolved Oxygen	mg/L	<1	<1	6

Notes : < = not detected at value indicated
J = estimated,
-XX - normal sample.
- XD - field duplicate.

Table 9
Natural Attenuation Scoring
Richardson Hill Road Landfill Site

Well I.D.	Date	Alk	CO2	CL	D.O.	Ethene/Ethane Ethene	Ethene/Ethane Ethane	Fe II	Methane	Nitrate	Ph	ORP	Sulfate	Temp	TOC	VOCs BTEX	Chloroethane DP of VC or DCA?	Chloroethane score	DCA DP of TCA?	DCA score	DCE DP of TCE?	DCE score	TCE DP of PCE?	TCE score	VC DP of DCE?	VC score	Total Score	Evidence of MNA
TMW-1	Mar-08	0	0	0	-3	0	0	0	0	2	0	0	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	0	5	Inadequate Evidence
TMW-8	Mar-08	1	0	0	3	0	0	0	3	2	0	1	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	2	18	Adequate Evidence
SSC-01	Mar-08	0	0	0	-3	0	0	0	0	2	0	0	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	2	7	Limited Evidence
SSC-03	Mar-08	1	0	0	-3	0	0	0	0	2	0	0	2	0	0	2	yes	0	yes	2	yes	2	no	0	yes	0	8	Limited Evidence
RH-4S	Mar-08	0	0	0	3	0	0	0	0	2	0	0	2	0	0	2	yes	0	yes	0	yes	0	no	0	yes	0	9	Limited Evidence
RH-4D	Mar-08	0	0	0	3	0	0	0	0	2	0	0	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	2	13	Limited Evidence
RH-6S	Mar-08	1	0	0	3	0	0	3	0	2	0	1	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	2	18	Adequate Evidence
RH-6D	Mar-08	0	0	0	3	0	0	0	0	2	0	1	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	0	12	Limited Evidence
RH-8S	Mar-08	1	1	0	3	0	0	3	0	2	0	1	0	0	0	2	yes	0	yes	0	yes	2	no	0	yes	2	17	Adequate Evidence
RH-8D	Mar-08	0	1	0	3	0	0	3	0	2	0	1	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	2	18	Adequate Evidence
MW-12S	Mar-08	0	0	0	-3	0	0	0	0	2	0	0	2	0	0	2	yes	0	yes	0	yes	0	no	0	yes	0	3	Inadequate Evidence
MW-12D	Mar-08	0	0	0	-3	0	0	0	0	2	0	0	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	0	5	Inadequate Evidence
RH-1	Mar-08	0	0	0	-3	0	0	0	0	2	0	1	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	0	6	Limited Evidence
RH-2	Mar-08	0	0	1	3	0	0	0	0	2	0	0	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	0	12	Limited Evidence
RH-3	Mar-08	0	0	1	3	0	0	0	0	2	0	0	2	0	0	2	yes	0	yes	0	yes	2	no	0	yes	2	14	Limited Evidence

Notes:
(1) Biodegradation Potential was based on scores obtained following the EPA Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents, September, 1998.