



Mr. Todd Caffoe
Regional Hazardous Waste Remediation Engineer
New York State Department of Environmental Conservation
6274 Avon-Lima Road
Avon, New York 14414-9519

ARCADIS
295 Woodcliff Drive
Third Floor
Suite 301
Fairport
New York 14450
Tel 585.385.0090
Fax 585.385.4198
www.arcadis-us.com

Subject:
Semiannual Groundwater Monitoring and Reporting
Crosmán Site
East Bloomfield, New York

Dear Mr. Caffoe:

On behalf of Crosmán Corporation and New Coleman Holdings, Inc. (collectively, Crosmán), ARCADIS has prepared this letter to update the New York State Department of Environmental Conservation (NYSDEC) on the results of the semiannual groundwater sampling event conducted in October 2014 at the Crosmán site, located in East Bloomfield, New York (site).

The groundwater monitoring program at the site, which is based on an informal understanding reached with the NYSDEC during a meeting on July 18, 2000, entails groundwater quality sampling of select groundwater monitoring wells as part of the long-term monitoring program for the site. The groundwater monitoring program was modified based on our discussion on October 11, 2006, as detailed in the NYSDEC's letter dated October 16, 2006. The groundwater monitoring program was further modified as recommended in the *Quarterly Groundwater Monitoring Report*, dated October 9, 2008, and approved by the NYSDEC via email, dated January 22, 2009. As requested in the *Semiannual Groundwater Monitoring Report*, dated December 22, 2010 and approved by the NYSDEC, the groundwater program was further modified to the current status, which includes semiannual sampling of monitoring wells PW-1, MW-4, MW-5, MW-13, MW-14, and MW-15 (conducted in April and October) and annual sampling of monitoring wells MW-3A, MW-17, MW-18, MW-19, and MW-20 (conducted in April).

Groundwater Monitoring

On October 29, 2014, ARCADIS collected groundwater quality samples from wells MW-4, MW-5, MW-13, MW-14, MW-15, and PW-1. Sitewide water-level measurements were also obtained and are presented in Table 1. Figure 1 represents the groundwater elevation contour map for the October 2014 groundwater sampling event.

Date:
December 29, 2014

Contact:
William B. Popham

Phone:
585.662.4022

Email:
bill.popham@arcadis-us.com

Our ref:
B0041501.0001

Imagine the result

ALS Environmental (formerly Columbia Analytical Services) laboratory in Rochester, New York analyzed the groundwater quality samples for volatile organic compounds by United States Environmental Protection Agency Method 8260. Table 2 presents the laboratory analytical results for this event, as well as for previous sampling events (2000 to present). Attachment 1 provides the laboratory report documenting the practical quantitation limits and dilution factors.

Analytical data from October 2014 reflects little change in levels of trichloroethene (TCE); overall decreases observed at select wells are consistent with historical fluctuations. In addition, monitoring wells located at the perimeter of the contaminant plume continue to show that the plume is not migrating offsite. Below is a summary of the findings:

- A decrease in concentration in production well PW-1 – from 120 parts per billion (ppb) in April 2014 to 110 ppb in October 2014.
- A continued non-detectable concentration in monitoring wells MW-4, MW-14, and MW-15.
- A slight increase in concentration in monitoring well MW-5 – from 7.9 ppb in April 2014 to 8.7 ppb in October 2014.
- A decrease in concentration in monitoring well MW-13 – from 310 ppb in April 2014 to 190 ppb in October 2014.

Figure 2 provides a map depicting the TCE concentrations in groundwater over time. For clarity purposes, only data for the groundwater monitoring wells included in the present monitoring program are shown on this figure.

The TCE concentration in the effluent from the cooling pond also remains below the State Pollutant Discharge Elimination System permitted level of 10 ppb.

Pump Well Operations

The groundwater elevation contours (Figure 1) for the groundwater monitoring event show that production well PW-1 continues to influence and capture groundwater flow, thereby maintaining hydraulic control of the site. Therefore, operation of PW-1 continues to maintain hydraulic control of the TCE plume contained in the groundwater system and to demonstrably abate the potential for direct human exposure.

In addition, these groundwater monitoring results continue to demonstrate that the state's water quality standard of 5 ppb for TCE is being achieved at the limits of the

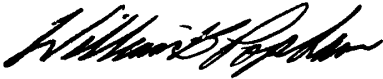
area of concern to the extent practicable. Therefore, the remedial goals of the NYSDEC's March 26, 1997 Record of Decision and the remedial action objectives set forth in the *Remedial Design/Remedial Action Work Plan* (Blasland, Bouck & Lee, Inc., May 1997) continue to be achieved.

The first semiannual groundwater sampling event for 2015 is tentatively scheduled for the week of April 20, 2015. As in the past, upon receipt and review of the analytical data, a report will be prepared and submitted to the NYSDEC.

If you should have any questions, feel free to contact me at 585.662.4022.

Sincerely,

ARCADIS



William B. Popham
Senior Vice President

Copies:

Nathan Freeman, New York State Department of Health
Timothy S. Martin, Esq., New Coleman Holdings, Inc.
Keith Berger, Esq., New Coleman Holdings, Inc.
Thomas F. Walsh, Esq., Hiscock & Barclay, LLP
Gina Thomas, Crosman Corporation
Aaron D. Richardson, ARCADIS

Table 1

Groundwater Elevation Data

**Table 1
Groundwater Elevation Data**

**Crosman Site
East Bloomfield, New York**

Location I.D.	T.O.R. Reference Elevation	January 20, 2000		April 18, 2000		July 14, 2000		October 23, 2000		January 25, 2001		April 16, 2001	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1052.09	17.32	1034.77	8.72	1043.37	8.51	1043.58	10.08	1042.01	9.84	1042.25	10.71	1041.38
MW-1A	1051.86	75.94	975.92	75.55	976.31	73.27	978.59	75.68	976.18	76.29	975.57	75.02	976.84
MW-2	1018	54.34	963.66	53.85	964.15	51.72	966.28	53.7	964.3	54.62	963.38	52.09	965.91
MW-3	1018.31	DRY	1018.31	26.88	991.43	DRY	--	DRY	--	DRY	--	DRY	--
MW-3A	1017.81	53.4	964.41	53.43	964.38	51.53	966.28	53.06	964.75	54.17	963.64	51.89	965.92
MW-4	976.42	30	946.42	29.65	946.77	27.79	948.63	29.95	946.47	30.81	945.61	16.29	960.13
MW-5	978.93	21.7	957.23	18.88	960.05	16.72	962.21	20.01	958.92	20.75	958.18	16.57	962.36
MW-6	1015.95	51.71	964.24	51.22	964.73	49.91	966.04	51.67	964.28	52.34	963.61	49.31	966.64
MW-7	979.31	22.19	957.12	19.18	960.13	17.27	962.04	20.48	958.83	21.23	958.08	16.63	962.68
MW-8	1025.62	51.89	973.73	53.1	972.52	52.12	973.5	53.89	971.73	53.76	971.86	51.89	973.73
MW-9	1026.09	DRY	--	DRY	--	DRY	--	DRY	--	DRY	--	DRY	--
MW-10	1023.87	57.24	966.63	57.43	966.44	56.08	967.79	56.92	966.95	57.88	965.99	57.11	966.76
MW-11	1016.48	58.51	957.97	57.04	959.44	56.28	960.2	57.67	958.81	58.62	957.86	56.01	960.47
MW-12	981.84	28.38	953.46	26.76	955.08	25.4	956.44	28.05	953.79	27.97	953.87	22.42	959.42
MW-13	996.97	37.21	959.76	35.58	961.39	34.31	962.66	35.83	961.14	36.54	960.43	33.74	963.23
MW-14	1021.66	61.34	960.32	60.21	961.45	58.93	962.73	60.39	961.27	61.22	960.44	58.82	962.84
MW-15	971.9	17.32	954.58	13.58	958.32	12.33	959.57	15.66	956.24	16.75	955.15	8.82	963.08
MW-16	1026.88	58.87	968.01	59.34	967.54	57.42	969.46	58.72	968.16	59.68	967.2	58.25	968.63
MW-17	1024.17	52.8	971.37	53.81	970.36	53.01	971.16	53	971.17	54.11	970.06	54.02	970.15
MW-18	1002.64	39.96	962.68	37.76	964.88	36.42	966.22	38.69	963.95	39.43	963.21	36.95	965.69
MW-19	979.81	28.12	951.69	26.22	953.59	25.06	954.75	27.31	952.5	25.45	954.36	15.12	964.69
MW-20 (1)	1026.09	56.62	969.47	56.44	969.65	55.17	970.92	55.98	970.11	56.82	969.27	56.75	969.34
MW-21	--	--	--	--	--	--	--	56.52	--	57.25	--	56.51	--
PZ-1	1024.33	55.77	968.56	56.32	968.01	55.01	969.32	58.13	966.2	59.32	965.01	56.21	968.12
PZ-2	1024.89	59.25	965.64	59.3	965.59	57.61	967.28	55.91	968.98	59.86	965.03	59.81	965.08
PZ-3	979.23	--	--	--	--	--	--	--	--	--	--	--	--
PW-1	971.85	28.6	943.25	27.81	944.04	25.97	945.88	28.5	943.35	27	944.85	--	--

Notes on page 10.

**Table 1
Groundwater Elevation Data**

**Crosman Site
East Bloomfield, New York**

Location I.D.	T.O.R. Reference Elevation	May 14, 2001		June 12, 2001		June 17, 2001		July 31, 2001		October 18, 2001	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1052.09	11.22	1040.87	13.07	1039.02	13.59	1038.5	16.6	1035.49	19.56	1032.53
MW-1A	1051.86	75.74	976.12	75.56	976.3	75.7	976.16	75.77	976.09	76.98	974.88
MW-2	1018	52.48	965.52	52.68	965.32	52.85	965.15	53.67	964.33	55.44	962.56
MW-3	1018.31	DRY	--	DRY	--	DRY	--	DRY	--	DRY	--
MW-3A	1017.81	52.18	965.63	52.17	965.64	52.29	965.52	54.06	963.75	54.41	963.4
MW-4	976.42	16.96	959.46	21.38	955.04	21.93	954.49	22.12	954.3	22.58	953.84
MW-5	978.93	17.27	961.66	18.54	960.39	18.91	960.02	21.91	957.02	23.06	955.87
MW-6	1015.95	49.91	966.04	50.07	965.88	49.25	966.7	52.06	963.89	52.85	963.1
MW-7	979.31	17.72	961.59	19.11	960.2	19.48	959.83	21.12	958.19	22.18	957.13
MW-8	1025.62	52.9	972.72	52.83	972.79	52.96	972.66	53.34	972.28	53.69	971.93
MW-9	1026.09	DRY	--	DRY	--	DRY	--	DRY	--	DRY	--
MW-10	1023.87	56.6	967.27	56.53	967.34	56.64	967.23	57.22	966.65	58.02	965.85
MW-11	1016.48	56.5	959.98	56.69	959.79	56.96	959.52	57.68	958.8	59.94	956.54
MW-12	981.84	22.9	958.94	27.17	954.67	27.89	953.95	28.92	952.92	29.72	952.12
MW-13	996.97	33.68	963.29	34.42	962.55	34.68	962.29	35.81	961.16	36.9	960.07
MW-14	1021.66	58.42	963.24	58.99	962.67	59.23	962.43	60.58	961.08	61.51	960.15
MW-15	971.9	12.27	959.63	13.78	958.12	15.41	956.49	14.08	957.82	18.04	953.86
MW-16	1026.88	58.63	968.25	58.47	968.41	58.61	968.27	59.07	967.81	60.51	966.37
MW-17	1024.17	54	970.17	53.78	970.39	53.85	970.32	53.9	970.27	54.25	969.92
MW-18	1002.64	36.91	965.73	37.41	965.23	37.65	964.99	38.7	963.94	40.71	961.93
MW-19	979.81	18.61	961.2	21.42	958.39	21.95	957.86	25.81	954	27.08	952.73
MW-20 (1)	1026.09	56.21	969.88	56.17	969.92	56.25	969.84	56.67	969.42	57.01	969.08
MW-21	--	56.83	--	56.61	--	56.7	--	57.54	--	58.22	--
PZ-1	1024.33	55.69	968.64	55.6	968.73	55.71	968.62	56.08	968.25	56.75	967.58
PZ-2	1024.89	58.25	966.64	58.27	966.62	58.42	966.47	59.38	965.51	60.21	964.68
PZ-3	979.23	19.78	959.45	24.54	954.69	24.69	954.54	25.93	953.3	26.76	952.47
PW-1	971.85	--	--	19.87	951.98	--	971.85	20.51	951.34	20.79	951.06

Notes on page 10.

**Table 1
Groundwater Elevation Data**

**Crosman Site
East Bloomfield, New York**

Location I.D.	T.O.R. Reference Elevation	January 24, 2002		April 30, 2002		July 31, 2002		November 20, 2002		January 9, 2003	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1052.09	18.58	1033.51	9.89	1042.2	13.86	1038.23	16.49	1035.6	16.29	1035.8
MW-1A	1051.86	77.55	974.31	78.97	972.89	76.44	975.42	77.97	973.89	77.79	974.07
MW-2	1018	55.72	962.28	54.21	963.79	54.03	963.97	55.1	962.9	54.92	963.08
MW-3	1018.31	DRY	--	DRY	--	DRY	--	DRY	--	DRY	--
MW-3A	1017.81	55.59	962.22	53.97	963.84	53.76	964.05	55.1	962.71	54.16	963.65
MW-4	976.42	22.94	953.48	19.26	957.16	19.67	956.75	22.67	953.75	22.08	954.34
MW-5	978.93	23.15	955.78	19	959.93	18.45	960.48	20.87	958.06	20.18	958.75
MW-6	1015.95	53.64	962.31	52.4	963.55	52.05	963.9	52.08	963.87	51.78	964.17
MW-7	979.31	22.58	956.73	19.44	959.87	19	960.31	21.31	958	22.45	956.86
MW-8	1025.62	54.58	971.04	54.81	970.81	54.43	971.19	54.01	971.61	53.72	971.9
MW-9	1026.09	DRY	--	DRY	--	DRY	--	DRY	--	DRY	--
MW-10	1023.87	57.92	965.95	58.25	965.62	56.94	966.93	58.22	965.65	58.5	965.37
MW-11	1016.48	60.21	956.27	57.75	958.73	57.23	959.25	58.56	957.92	58.29	958.19
MW-12	981.84	30.22	951.62	29.19	952.65	29.71	952.13	28.62	953.22	28.43	953.41
MW-13	996.97	37.58	959.39	35.49	961.48	34.41	962.56	36.59	960.38	36.4	960.57
MW-14	1021.66	62.06	959.6	60.26	961.4	59.14	962.52	61.12	960.54	61.19	960.47
MW-15	971.9	17.51	954.39	14.62	957.28	15.01	956.89	17.18	954.72	17.02	954.88
MW-16	1026.88	61.54	965.34	61.1	965.78	58.91	967.97	59.93	966.95	59.27	967.61
MW-17	1024.17	55.04	969.13	55.15	969.02	55.65	968.52	55.64	968.53	55.05	969.12
MW-18	1002.64	41.61	961.03	37.98	964.66	37.41	965.23	40.55	962.09	39.98	962.66
MW-19	979.81	27	952.81	21.15	958.66	21.66	958.15	25.8	954.01	25.15	954.66
MW-20 (1)	1026.09	58.02	968.07	58.13	967.96	56.89	969.2	57.4	968.69	57.95	968.14
MW-21	--	58.58	--	58.52	--	57.19	--	58.27	--	58.38	--
PZ-1	1024.33	57.66	966.67	57.42	966.91	56.14	968.19	57.68	966.65	57.52	966.81
PZ-2	1024.89	60.83	964.06	60.13	964.76	58.57	966.32	60.08	964.81	60.32	964.57
PZ-3	979.23	27.2	952.03	21.56	957.67	22.27	956.96	25.81	953.42	25.23	954
PW-1	971.85	20.91	950.94	20.75	951.1	20.05	951.8	20.81	951.04	20.19	951.66

Notes on page 10.

**Table 1
Groundwater Elevation Data**

**Crosman Site
East Bloomfield, New York**

Location I.D.	T.O.R. Reference Elevation	April 28, 2003		July 17, 2003		October 29, 2003		January 29, 2004		April 29, 2004	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1052.09	8.91	1043.18	14.65	1037.44	16.21	1035.88	16.15	1035.94	15.59	1036.5
MW-1A	1051.86	76.85	975.01	76.25	975.61	77.74	974.12	77.72	974.14	77.01	974.85
MW-2	1018	52.2	965.8	53.85	964.15	54.88	963.12	54.89	963.11	52.35	965.65
MW-3	1018.31	DRY	-	DRY	-	DRY	DRY	DRY	DRY	DRY	-
MW-3A	1017.81	51.96	965.85	53.56	964.25	55.83	961.98	54	963.81	52.87	964.94
MW-4	976.42	18.35	958.07	19.52	956.9	22.45	953.97	21.98	954.44	19.65	956.77
MW-5	978.93	16.25	962.68	18.29	960.64	20.68	958.25	20.02	958.91	19.62	959.31
MW-6	1015.95	49.86	966.09	51.75	964.2	51.81	964.14	51.68	964.27	51.06	964.89
MW-7	979.31	16.55	962.76	18.89	960.42	21.04	958.27	22.39	956.92	21.91	957.4
MW-8	1025.62	53.82	971.8	54.25	971.37	53.83	971.79	53.65	971.97	53.05	972.57
MW-9	1026.09	DRY	-	DRY	-	DRY	DRY	DRY	DRY	DRY	-
MW-10	1023.87	56.95	966.92	56.86	967.01	58	965.87	58.41	965.46	57.15	966.72
MW-11	1016.48	56.25	960.23	57.02	959.46	58.38	958.1	58.03	958.45	57.55	958.93
MW-12	981.84	22.25	959.59	29.49	952.35	28.43	953.41	28.39	953.45	27.62	954.22
MW-13	996.97	32.95	964.02	37.1	959.87	36.35	960.62	36.31	960.66	35.19	961.78
MW-14	1021.66	57.88	963.78	59.02	962.64	60.96	960.7	61.05	960.61	60.32	961.34
MW-15	971.9	17.22	954.68	14.96	956.94	16.98	954.92	16.96	954.94	16.36	955.54
MW-16	1026.88	59.11	967.77	58.78	968.1	59.71	967.17	59.03	967.85	58.27	968.61
MW-17	1024.17	54.66	969.51	55.51	968.66	55.42	968.75	54.97	969.2	54.03	970.14
MW-18	1002.64	36.25	966.39	37.24	965.4	40.32	962.32	39.88	962.76	39.24	963.4
MW-19	979.81	16.68	963.13	21.55	958.26	25.62	954.19	25.01	954.8	24.47	955.34
MW-20 (1)	1026.09	57.15	968.94	55.71	970.38	57.19	968.9	57.88	968.21	57.28	968.81
MW-21	--	57.55	-	56.28	-	58.03	-	58.21	-	57.88	-
PZ-1	1024.33	56.35	967.98	55.12	969.21	57.47	966.86	57.37	966.96	56.74	967.59
PZ-2	1024.89	58.44	966.45	57.59	967.3	59.85	965.04	60.12	964.77	58.98	965.91
PZ-3	979.23	19.45	959.78	22.81	956.42	25.58	953.65	25.05	954.18	24.55	954.68
PW-1	971.85	16.68	955.17	20.54	951.31	20.59	951.26	20.02	951.83	19.34	952.51

Notes on page 10.

**Table 1
Groundwater Elevation Data**

**Crosman Site
East Bloomfield, New York**

Location I.D.	T.O.R. Reference Elevation	July 15, 2004		October 28, 2004		January 31, 2005		April 5, 2005		July 11, 2005	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1052.09	11.29	1040.8	11.43	1040.66	15.45	1036.64	15.28	1036.81	12.32	1039.77
MW-1A	1051.86	73.08	978.78	71.3	980.56	74.58	977.28	74.00	977.86	68.19	983.67
MW-2	1018	49.58	968.42	49.32	968.68	48.03	969.97	46.54	971.46	47.16	970.84
MW-3	1018.31	DRY	-	27.95	990.36	DRY	--	24.68	993.63	28.24	990.07
MW-3A	1017.81	49.78	968.03	48.49	969.32	47.27	970.54	46.32	971.49	46.51	971.30
MW-4	976.42	16.21	960.21	19.23	957.19	14.21	962.21	11.69	964.73	17.45	958.97
MW-5	978.93	16.35	962.58	18.85	960.08	13.74	965.19	10.49	968.44	14.22	964.71
MW-6	1015.95	47.58	968.37	46.73	969.22	46.76	969.19	44.01	971.94	44.43	971.52
MW-7	979.31	13.62	965.69	16.86	962.45	14.13	965.18	9.41	969.90	15.15	964.16
MW-8	1025.62	50.26	975.36	49.19	976.43	48.65	976.97	47.65	977.97	46.29	979.33
MW-9	1026.09	DRY	-	52.65	973.44	52.39	973.7	52.59	973.50	50.04	976.05
MW-10	1023.87	54.56	969.31	53.02	970.85	52.52	971.35	51.15	972.72	50.48	973.39
MW-11	1016.48	54.76	961.72	53.67	962.81	52.86	963.62	51.47	965.01	51.09	965.39
MW-12	981.84	24.21	957.63	24.96	956.88	21.15	960.69	17.59	964.25	23.12	958.72
MW-13	996.97	31.95	965.02	31.61	965.36	28.68	968.29	27.50	969.47	29.68	967.29
MW-14	1021.66	57.31	964.35	56.07	965.59	54.41	967.25	52.48	969.18	54.19	967.47
MW-15	971.9	10.34	961.56	13.49	958.41	15.82	956.08	6.68	965.22	13.16	958.74
MW-16	1026.88	54.53	972.35	54.80	972.08	55.26	971.62	54.07	972.81	52.12	974.76
MW-17	1024.17	50.69	973.48	49.59	974.58	51.56	972.61	49.41	974.76	47.96	976.21
MW-18	1002.64	36.29	966.35	35.24	967.4	35.34	967.3	36.38	966.26	38.11	964.53
MW-19	979.81	21.99	957.82	22.29	957.52	16.98	962.83	12.12	967.69	19.95	959.86
MW-20 (1)	1026.09	54.39	971.7	52.35	973.74	52.15	973.94	51.33	974.76	49.73	976.36
MW-21	--	54.91	-	52.83	--	52.35	--	51.45	--	50.15	--
PZ-1	1024.33	52.46	971.87	51.75	972.58	51.58	972.75	50.60	973.73	49.29	975.04
PZ-2	1024.89	55.26	969.63	54.79	970.10	53.93	970.96	52.69	972.20	52.48	972.41
PZ-3	979.23	21.58	957.65	21.85	957.38	22.35	956.88	13.80	965.43	19.75	959.48
PW-1	971.85	18.52	953.33	--	--	18.96	952.89	--	--	17.50	954.35

Notes on page 10.

**Table 1
Groundwater Elevation Data**

**Crosman Site
East Bloomfield, New York**

Location I.D.	T.O.R. Reference Elevation	October 24, 2005		January 25, 2006		April 11, 2006		July 20, 2006		October 24, 2006	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1052.09	15.84	1036.25	7.91	1044.18	8.55	1043.54	--	--	9.11	1042.98
MW-1A	1051.86	70.04	981.82	70.70	981.16	76.5	975.36	72.2	979.66	72.04	979.82
MW-2	1018	49.47	968.53	48.95	969.05	48.21	969.79	50.01	967.99	50.65	967.35
MW-3	1018.31	26.68	991.63	26.92	991.39	28.2	990.11	26.75	991.56	26.38	991.93
MW-3A	1017.81	48.34	969.47	49.10	968.71	47.59	970.22	50.73	967.08	49.96	967.85
MW-4	976.42	18.61	957.81	17.33	959.09	17.63	958.79	20.35	956.07	19.11	957.31
MW-5	978.93	16.32	962.61	18.64	960.29	15.02	963.91	17.17	961.76	17.03	961.9
MW-6	1015.95	47.12	968.83	46.58	969.37	45.85	970.1	47.58	968.37	48.16	967.79
MW-7	979.31	17.12	962.19	15.89	963.42	15.66	963.65	17.89	961.42	19.61	959.7
MW-8	1025.62	48.01	977.61	48.46	977.16	48.36	977.26	48.89	976.73	49.83	975.79
MW-9	1026.09	51.68	974.41	52.88	973.21	51.94	974.15	52.36	973.73	53.38	972.71
MW-10	1023.87	52.52	971.35	52.68	971.19	51.23	972.64	53.2	970.67	53.96	969.91
MW-11	1016.48	53.98	962.50	53.71	962.77	55.66	960.82	54.63	961.85	57.50	958.98
MW-12	981.84	24.14	957.70	23.12	958.72	23.23	958.61	26.01	955.83	24.87	956.97
MW-13	996.97	32.06	964.91	31.13	965.84	30.49	966.48	32.13	964.84	32.89	964.08
MW-14	1021.66	56.57	965.09	55.91	965.75	55.22	966.44	57.12	964.54	57.51	964.15
MW-15	971.9	15.86	956.04	12.63	959.27	12.79	959.11	15.49	956.41	15.19	956.71
MW-16	1026.88	54.35	972.53	54.55	972.33	54.09	972.79	55.01	971.87	55.84	971.04
MW-17	1024.17	48.10	976.07	49.65	974.52	49.41	974.76	51.38	972.79	50.54	973.63
MW-18	1002.64	35.64	967.00	33.93	966.71	33.77	968.87	35.49	967.15	35.24	967.4
MW-19	979.81	22.75	957.06	19.01	960.80	19.38	960.43	22.94	956.87	21.90	957.91
MW-20 (1)	1026.09	51.43	974.66	51.90	974.19	51.64	974.45	52.18	973.91	53.05	973.04
MW-21	--	51.89	--	52.28	--	51.94	--	52.66	--	55.49	--
PZ-1	1024.33	51.06	973.27	51.51	972.82	51.13	973.2	51.74	972.59	52.66	971.67
PZ-2	1024.89	54.62	970.27	54.58	970.31	53.82	971.07	55.31	969.58	55.95	968.94
PZ-3	979.23	20.71	958.52	--	--	20.31	958.92	22.66	956.57	21.68	957.55
PW-1	971.85	--	--	14.78	957.07	16.08	955.77	19.1	952.75	16.33	955.52

Notes on page 10.

**Table 1
Groundwater Elevation Data**

**Crosman Site
East Bloomfield, New York**

Location I.D.	T.O.R. Reference Elevation	January 25, 2007		April 26, 2007		July 26, 2007		October 24, 2007		January 23, 2008	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1052.09	7.03	1045.06	5.57	1046.52	6.74	1045.35	18.72	1033.37	9.78	1042.31
MW-1A	1051.86	70.91	980.95	69.12	982.74	68.83	983.03	70.63	981.23	73.88	977.98
MW-2	1018	42.18	975.82	46.13	971.87	47.96	970.04	50.28	967.72	50.46	967.54
MW-3	1018.31	27.14	991.17	26.28	992.03	27.97	990.34	28.84	989.47	27.52	990.79
MW-3A	1017.81	47.76	970.05	45.93	971.88	47.25	970.56	49.4	968.41	49.94	967.87
MW-4	976.42	15.96	960.46	12.43	963.99	18.60	957.82	20.92	955.5	18.78	957.64
MW-5	978.93	13.99	964.94	10.91	968.02	15.41	963.52	17.68	961.25	16.89	962.04
MW-6	1015.95	45.6	970.35	43.56	972.39	45.42	970.53	47.9	968.05	48.17	967.78
MW-7	979.31	14.36	964.95	10.7	968.61	16.14	963.17	18.34	960.97	17.5	961.81
MW-8	1025.62	48.58	977.04	47.03	978.59	46.81	978.81	48.52	977.1	49.52	976.1
MW-9	1026.09	52.33	973.76	50.97	975.12	50.44	975.65	52.02	974.07	53.31	972.78
MW-10	1023.87	52.86	971.01	50.86	973.01	51.19	972.68	53.15	970.72	53.84	970.03
MW-11	1016.48	53.1	963.38	51.44	965.04	52.94	963.54	54.68	961.8	54.81	961.67
MW-12	981.84	21.74	960.1	18.35	963.49	24.23	957.61	26.6	955.24	24.29	957.55
MW-13	996.97	29.91	967.06	27.15	969.82	30.64	966.33	33.05	963.92	32.49	964.48
MW-14	1021.66	54.61	967.05	52.09	969.57	55.11	966.55	57.43	964.23	57.34	964.32
MW-15	971.9	11.41	960.49	7.42	964.48	14.30	957.60	16.29	955.61	14.83	957.07
MW-16	1026.88	54.25	972.63	52.67	974.21	52.84	974.04	54.94	971.94	55.88	971
MW-17	1024.17	52.48	971.69	48.95	975.22	48.00	976.17	49.2	974.97	50.34	973.83
MW-18	1002.64	33.5	969.14	31.18	971.46	33.90	968.74	36.01	966.63	35.29	967.35
MW-19	979.81	17.31	962.5	12.84	966.97	21.45	958.36	24.25	955.56	21.76	958.05
MW-20 (1)	1026.09	52.02	974.07	50.73	975.36	50.26	975.83	51.9	974.19	52.99	973.1
MW-21	--	53.02	--	47.31	---	50.74	--	52.45	--	52.5	--
PZ-1	1024.33	51.5	972.83	50.1	974.23	49.76	974.57	51.6	972.73	52.67	971.66
PZ-2	1024.89	54.07	970.82	52.4	972.49	53.24	971.65	55.24	969.65	55.89	969
PZ-3	979.23	--	--	15.36	963.87	21.26	957.97	23.19	956.04	21.28	957.95
PW-1	971.85	13.3	958.55	11.05	960.8	15.90	955.95	18.2	953.65	16.88	954.97

Notes on page 10.

**Table 1
Groundwater Elevation Data**

**Crosman Site
East Bloomfield, New York**

Location I.D.	T.O.R. Reference Elevation	April 21, 2008		July 24, 2008		October 29, 2008		April 22, 2009		October 27, 2009	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1052.09	13.95	1038.14	14.3	1037.79	13.09	1039	7.30	1044.79	16.03	1036.06
MW-1A	1051.86	71.48	980.38	70.83	981.03	72.15	979.71	71.47	980.39	71.27	980.59
MW-2	1018	48.18	969.82	49.76	968.24	50.91	967.09	47.25	970.75	50.11	967.89
MW-3	1018.31	27	991.31	27.42	990.89	27.25	991.06	27.50	990.81	28.42	989.89
MW-3A	1017.81	48.21	969.6	50.1	967.71	49.73	968.08	47.18	970.63	50.35	967.46
MW-4	976.42	15.19	961.23	19.54	956.88	NR*	---	14.98	961.44	19.79	956.63
MW-5	978.93	13.7	965.23	16.69	962.24	18.13	960.8	13.19	965.74	17.01	961.92
MW-6	1015.95	45.88	970.07	47.24	968.71	48.38	967.57	44.68	971.27	47.70	968.25
MW-7	979.31	13.97	965.34	17.35	961.96	18.32	960.99	13.54	965.77	17.71	961.60
MW-8	1025.62	49.29	976.33	48.69	976.93	NR*	---	NR**	---	48.88	976.74
MW-9	1026.09	52.82	973.27	52.4	973.69	53.29	972.8	51.92	974.17	52.51	973.58
MW-10	1023.87	52.68	971.19	53.07	970.8	54.94	968.93	51.75	972.12	53.58	970.29
MW-11	1016.48	53.04	963.44	54.15	962.33	54.82	961.66	52.31	964.17	57.31	959.17
MW-12	981.84	21.15	960.69	25.24	956.6	26.16	955.68	20.79	961.05	24.96	956.88
MW-13	996.97	29.61	967.36	32.22	964.75	33.35	963.62	28.96	968.01	32.57	964.40
MW-14	1021.66	54.5	967.16	56.59	965.07	57.8	963.86	53.72	967.94	57.12	964.54
MW-15	971.9	9.71	962.19	14.94	956.96	15.59	956.31	10.54	961.36	19.82	952.08
MW-16	1026.88	60.35	966.53	54.81	972.07	57.63	969.25	55.49	971.39	55.35	971.53
MW-17	1024.17	50.11	974.06	49.81	974.36	50.3	973.87	49.36	974.81	52.38	971.79
MW-18	1002.64	33.38	969.26	35.12	967.52	36.03	966.61	32.62	970.02	35.49	967.15
MW-19	979.81	18.45	961.36	22.28	957.53	23.42	956.39	16.80	963.01	22.95	956.86
MW-20 (1)	1026.09	52.52	973.57	52.14	973.95	53.06	973.03	51.63	974.46	52.25	973.84
MW-21	--	53.6	--	53.5	---	53.94	---	51.95	---	54.15	---
PZ-1	1024.33	51.98	972.35	51.72	972.61	53.72	970.61	51.09	973.24	51.88	972.45
PZ-2	1024.89	54.25	970.64	55.04	969.85	55.95	968.94	53.32	971.57	55.30	969.59
PZ-3	979.23	18.17	961.06	22.75	956.48	23.1	956.13	17.16	962.07	21.70	957.53
PW-1	971.85	13.9	957.95	17.99	953.86	19	952.85	13.55	958.30	16.81	955.04

Notes on page 10.

**Table 1
Groundwater Elevation Data**

**Crosman Site
East Bloomfield, New York**

Location I.D.	T.O.R. Reference Elevation	April 16, 2010		October 22, 2010		April 21, 2011		October 20, 2011		April 16, 2012	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1052.09	7.88	1044.21	13.65	1038.44	6.02	1046.07	15.31	1036.78	8.59	1043.50
MW-1A	1051.86	71.86	980.00	72.08	979.78	72.12	979.74	71.15	980.71	71.60	980.26
MW-2	1018	48.96	969.04	51.12	966.88	48.64	969.36	50.57	967.43	51.18	966.82
MW-3	1018.31	27.57	990.74	27.53	990.78	26.40	991.91	27.01	991.3	28.72	989.59
MW-3A	1017.81	48.84	968.97	50.22	967.59	48.51	969.3	49.43	968.38	48.79	969.02
MW-4	976.42	15.92	960.50	21.44	954.98	14.34	962.08	21.80	954.62	18.24	958.18
MW-5	978.93	19.85	959.08	18.14	960.79	19.23	959.7	17.87	961.06	15.76	963.17
MW-6	1015.95	46.54	969.41	48.80	967.15	46.27	969.68	48.08	967.87	46.54	969.41
MW-7	979.31	15.26	964.05	18.70	960.61	13.60	965.71	18.59	960.72	16.52	962.79
MW-8	1025.62	49.44	976.18	50.39	975.23	49.84	975.78	NR**	---	49.05	976.57
MW-9	1026.09	53.11	972.98	53.69	972.40	53.59	972.5	52.50	973.59	52.76	973.33
MW-10	1023.87	53.25	970.62	54.56	969.31	53.08	970.79	53.29	970.58	52.79	971.08
MW-11	1016.48	56.36	960.12	55.40	961.08	53.48	963	54.72	961.76	54.05	962.43
MW-12	981.84	21.80	960.04	27.27	954.57	20.12	961.72	27.54	954.3	23.87	957.97
MW-13	996.97	30.58	966.39	33.52	963.45	29.85	967.12	33.34	963.63	31.41	965.56
MW-14	1021.66	55.28	966.38	58.35	963.31	54.70	966.96	57.75	963.91	56.02	965.64
MW-15	971.9	15.43	956.47	19.36	952.54	10.13	961.77	19.39	952.51	14.09	957.81
MW-16	1026.88	55.55	971.33	56.52	970.36	55.42	971.46	55.22	971.66	55.81	971.07
MW-17	1024.17	53.25	970.92	50.61	973.56	53.83	970.34	49.59	974.58	53.09	971.08
MW-18	1002.64	36.65	965.99	39.20	963.44	37.42	965.22	36.15	966.49	37.95	964.69
MW-19	979.81	19.44	960.37	23.59	956.22	16.13	963.68	24.35	955.46	20.60	959.21
MW-20 (1)	1026.09	52.84	973.25	53.84	972.25	53.29	972.8	52.34	973.75	52.44	973.65
MW-21	--	52.92	---	53.93	---	53.52	---	48.85	---	-	---
PZ-1	1024.33	52.23	972.10	53.24	971.09	52.78	971.55	51.98	972.35	51.92	972.41
PZ-2	1024.89	54.72	970.17	56.53	968.36	54.87	970.02	55.62	969.27	54.68	970.21
PZ-3	979.23	18.43	960.80	24.24	954.99	16.54	962.69	24.40	954.83	21.03	958.20
PW-1	971.85	16.10	957.35	20.01	951.84	12.09	959.76	20.22	951.63	16.43	955.42

Notes on page 10.

**Table 1
Groundwater Elevation Data**

**Crosman Site
East Bloomfield, New York**

Location I.D.	T.O.R. Reference Elevation	October 10, 2012		April 8, 2013		October 16, 2013		April 9, 2014		October 29, 2014	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-1	1052.09	18.25	1033.84	8.97	1043.12	15.55	1036.54	6.67	1045.42	13.33	1038.76
MW-1A	1051.86	72.08	979.78	24.39	1027.47	24.37	1027.49	24.35	1027.51	24.55	1027.31
MW-2	1018	51.70	966.30	51.15	966.85	50.80	967.20	50.45	967.55	50.14	967.86
MW-3	1018.31	27.98	990.33	27.81	990.50	27.95	990.36	25.57	992.74	27.77	990.54
MW-3A	1017.81	50.49	967.32	50.98	966.83	50.13	967.68	50.49	967.32	49.53	968.28
MW-4	976.42	22.80	953.62	18.37	958.05	18.60	957.82	14.79	961.63	20.45	955.97
MW-5	978.93	19.10	959.83	20.05	958.88	15.35	963.58	14.74	964.19	17.19	961.74
MW-6	1015.95	49.22	966.73	48.80	967.15	48.34	967.61	48.20	967.75	47.69	968.26
MW-7	979.31	19.76	959.55	17.57	961.74	17.75	961.56	14.72	964.59	17.71	961.60
MW-8	1025.62	49.85	975.77	24.31	1001.31	50.15	975.47	51.23	974.39	49.26	976.36
MW-9	1026.09	53.57	972.52	34.89	991.20	53.67	972.42	54.82	971.27	52.75	973.34
MW-10	1023.87	54.51	969.36	55.09	968.78	54.23	969.64	54.74	969.13	53.33	970.54
MW-11	1016.48	55.88	960.60	55.05	961.43	55.22	961.26	54.55	961.93	54.63	961.85
MW-12	981.84	29.14	952.70	24.01	957.83	24.73	957.11	20.69	961.15	26.11	955.73
MW-13	996.97	34.49	962.48	38.94	958.03	32.68	964.29	31.33	965.64	32.63	964.34
MW-14	1021.66	58.88	962.78	57.72	963.94	57.34	964.32	56.54	965.12	57.14	964.52
MW-15	971.9	16.71	955.19	18.12	953.78	13.96	957.94	12.30	959.60	15.32	956.58
MW-16	1026.88	56.31	970.57	57.12	969.76	56.11	970.77	56.81	970.07	55.14	971.74
MW-17	1024.17	50.59	973.58	52.09	972.08	50.84	973.33	51.92	972.25	50.00	974.17
MW-18	1002.64	36.92	965.72	38.35	964.29	35.59	967.05	13.77	988.87	35.34	967.30
MW-19	979.81	25.50	954.31	21.80	958.01	22.33	957.48	15.45	964.36	22.59	957.22
MW-20 (1)	1026.09	53.39	972.70	54.81	971.28	53.49	972.60	54.44	971.65	52.55	973.54
MW-21	--	53.59	---	54.95	---	53.59	---	--	---	60.87	---
PZ-1	1024.33	52.96	971.37	54.23	970.10	53.03	971.30	53.93	970.40	51.95	972.38
PZ-2	1024.89	56.66	968.23	56.87	968.02	56.18	968.71	56.45	968.44	55.34	969.55
PZ-3	979.23	26.07	953.16	20.94	958.29	21.82	957.41	17.51	961.72	23.19	956.04
PW-1	971.85	21.19	950.66	16.81	955.04	17.55	954.30	12.57	959.28	18.35	953.50

Notes:

All data are expressed in feet.

T.O.R. = top of polyvinyl chloride riser

PW reference elevation is taken from baseplate of well pump as provided in *Labella's Preliminary Site Assessment Report* (August 1993).

Wells MW-17, MW-18, MW-19, IRM-1, PZ-1, and PZ-2 were installed during October and November 1994.

Monitoring well MW-1A was installed on September 18 and 19, 1996.

(1) Monitoring well MW-20 was formerly IRM-1.

MW-21 was installed July 31, 2000 through August 3, 2000.

PZ-3 was installed on May 14, 2001.

Groundwater elevations for May and June 2001 were taken during the hydraulic control test for well PW-1.

Depth to water measurements for October 2004 were taken between October 27 to 29, 2004.

NR* = not recorded (due to an error when water-level measurements were collected)

NR** = not recorded (the well was inaccessible because a vehicle was parked on the well)

Table 2

Groundwater Analytical Results

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-3A											
	14-Jul-00	24-Oct-00	25-Jan-01	17-Apr-01	31-Jul-01	19-Oct-01	25-Jan-02	30-Apr-02	31-Jul-02	21-Nov-02	09-Jan-03	29-Apr-03
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	180	59	56	66	370 D	290 D	380 D	450 D	450 D	320 D	500 D	400 D
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-3A (cont.)											
	17-Jul-03	31-Oct-03	12-Feb-04	29-Apr-04	16-Jul-04	29-Oct-04	31-Jan-05	5-Apr-05	11-Jul-05	24-Oct-05	25-Jan-06	11-Apr-06
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	200 D	160 D	210 D	170 D	200	160	170	180	140	110	120	100
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-3A (cont.)										
	20-Jul-06	25-Jan-07	26-Jul-07	23-Jan-08	24-Jul-08	22-Apr-09	16-Apr-10	21-Apr-11	16-Apr-12	8-Apr-13	9-Apr-14
Volatiles											
Acetone	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	130	110	120	65	53	91	230 D	240	210	190	280
Toluene	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-4									
Date Sampled	24-Oct-06	25-Jan-07	26-Apr-07	26-Jul-07	24-Oct-07	23-Jan-08	21-Apr-08	24-Jul-08	29-Oct-08	22-Apr-09
<i>Volatiles</i>										
Acetone	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-
1,1 - Dichloroethane	-	-	-	-	-	-	-	-	-	-
1,1 - Dichloroethene	-	-	-	-	-	-	-	-	-	-
1,1,2,2 - Tetrachloroethane	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-
Trichloroethene	8.6	-	-	-	-	5.6	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-4 (cont.)									
Date Sampled	27-Oct-09	22-Oct-10	21-Apr-11	20-Oct-11	16-Apr-12	10-Oct-12	8-Apr-13	16-Oct-13	9-Apr-14	29-Oct-14
Volatiles										
Acetone	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-
1,1 - Dichloroethane	-	-	-	-	-	-	-	-	-	-
1,1 - Dichloroethene	-	-	-	-	-	-	-	-	-	-
1,1,2,2 - Tetrachloroethane	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	-	-	4.06	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-5											
	20-Jan-00	18-Apr-00	14-Jul-00	23-Oct-00	25-Jan-01	16-Apr-01	31-Jul-01	18-Oct-01	24-Jan-02	30-Apr-02	31-Jul-02	20-Nov-02
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	-	-	14	11	10	-	6.2	15
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

Table 2
Program Monitoring Wells
Groundwater Analytical Results

Crosman Site
East Bloomfield, New York

Well I.D.	MW-5 (cont.)											
Date Sampled	09-Jan-03	28-Apr-03	17-Jul-03	29-Oct-03	29-Jan-04	30-Apr-04	16-Jul-04	29-Oct-04	31-Jan-05	5-Apr-05	11-Jul-05	24-Oct-05
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	17	-	-	1.2 J	3.0 J	1.4 J	-	-	11	-	5.5
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-5 (cont.)											
	25-Jan-06	11-Apr-06	20-Jul-06	24-Oct-06	25-Jan-07	26-Apr-07	26-Jul-07	24-Oct-07	23-Jan-08	21-Apr-08	24-Jul-08	29-Oct-08
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	18	16	17	35	25	26	23	21	26	29
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-5 (cont.)											
	22-Apr-09	27-Oct-09	16-Apr-10	22-Oct-10	21-Apr-11	20-Oct-11	16-Apr-12	10-Oct-12	8-Apr-13	16-Oct-13	9-Apr-14	29-Oct-14
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	6.28	9.6	-	8.8
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	24	31	28	29	29	27	23	33	16.4	19	7.9	8.7
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-13											
	20-Jan-00	18-Apr-00	14-Jul-00	23-Oct-00	25-Jan-01	16-Apr-01	31-Jul-01	18-Oct-01	24-Jan-02	30-Apr-02	31-Jul-02	20-Nov-02
<i>Volatiles</i>												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	960 D	2000 D	2800 D	1700 D	660 D	170	1300 D	700 D	460 D	320 D	360 D	400 D
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-13 (cont.)											
	09-Jan-03	29-Apr-03	16-Jul-03	30-Oct-03	13-Feb-04	29-Apr-04	16-Jul-04	29-Oct-04	1-Feb-05	5-Apr-05	11-Jul-05	24-Oct-05
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	17 DJ	27 D	31 J	43 J	-	72	-	56
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	500 D	370 D	740 D	1100 D	960 D	790 D	1500 D	2000 D	670	2800 D	1900	2100 D
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-13 (cont.)											
	25-Jan-06	11-Apr-06	20-Jul-06	25-Jan-07	26-Apr-07	26-Jul-07	24-Oct-07	23-Jan-08	21-Apr-08	24-Jul-08	29-Oct-08	22-Apr-09
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	58	-	-	6.4 J	51	-	-	-	50	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	1700	2100	2400	920	1600	2100	1900	580	1300 D	1800	1000 D	1600
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-13 (cont.)										
	27-Oct-09	16-Apr-10	22-Oct-10	21-Apr-11	20-Oct-11	16-Apr-12	10-Oct-12	8-Apr-13	16-Oct-13	9-Apr-14	29-Oct-14
Volatiles											
Acetone	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	33	11	29	-	28	28	19.2	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	850 D	640	630 D	590	610	460	640	381	480	310	190
Toluene	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

Table 2
Program Monitoring Wells
Groundwater Analytical Results

Crosman Site
East Bloomfield, New York

Well I.D.	MW-14											
Date Sampled	20-Jul-00	23-Oct-00	25-Jan-01	16-Apr-01	31-Jul-01	18-Oct-01	24-Jan-02	30-Apr-02	31-Jul-02	21-Nov-02	09-Jan-03	29-Apr-03
<i>Volatiles</i>												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	18	19	19	-	-	29	36	5.6
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-14 (cont.)											
	17-Jul-03	30-Oct-03	29-Jan-04	29-Apr-04	16-Jul-04	29-Oct-04	31-Jan-05	5-Apr-05	11-Jul-05	24-Oct-05	25-Jan-06	11-Apr-06
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	4.1 J	2.6 J	8.1	-	11	38	34	5.9	14
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

Table 2
Program Monitoring Wells
Groundwater Analytical Results

Crosman Site
East Bloomfield, New York

Well I.D.	MW-14 (cont.)										
Date Sampled	20-Jul-06	24-Oct-06	25-Jan-07	26-Apr-07	26-Jul-07	24-Oct-07	23-Jan-08	21-Apr-08	24-Jul-08	29-Oct-08	22-Apr-09
Volatiles											
Acetone	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	46	20	17	19	47	32	-	-	15	-	-
Toluene	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-14 (cont.)										
Date Sampled	27-Oct-09	16-Apr-10	22-Oct-10	21-Apr-11	20-Oct-11	16-Apr-12	10-Oct-12	8-Apr-13	16-Oct-13	9-Apr-14	29-Oct-14
<i>Volatiles</i>											
Acetone	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	10	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-15									
Date Sampled	18-Apr-00	02-Nov-00	25-Jan-01	16-Apr-01	18-Oct-01	30-Apr-02	20-Nov-02	28-Apr-03	29-Oct-03	30-Apr-04
<i>Volatiles</i>										
Acetone	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-15 (cont.)									
Date Sampled	29-Oct-04	5-Apr-05	24-Oct-05	11-Apr-06	25-Jan-07	26-Jul-07	23-Jan-08	24-Jul-08	22-Apr-09	27-Oct-09
<i>Volatiles</i>										
Acetone	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-15 (cont.)									
Date Sampled	16-Apr-10	22-Oct-10	21-Apr-11	20-Oct-11	16-Apr-12	10-Oct-12	8-Apr-13	16-Oct-13	9-Apr-14	29-Oct-14
<i>Volatiles</i>										
Acetone	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-17												
	20-Jan-00	19-Apr-00	14-Jul-00	24-Oct-00	26-Jan-01	17-Apr-01	31-Jul-01	19-Oct-01	25-Jan-02	30-Apr-02	31-Jul-02	21-Nov-02	10-Jan-03
Volatiles													
Acetone	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	2300 D	2400 D	2000 D	2400D	2200 D	2200 D	2200 D	1400 D	1600 D	1200 D	980 D	820 D	950 D
Toluene	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-17 (cont.)												
Date Sampled	30-Apr-03	17-Jul-03	31-Oct-03	30-Jan-04	29-Apr-04	16-Jul-04	29-Oct-04	31-Jan-05	5-Apr-05	11-Jul-05	24-Oct-05	25-Jan-06	11-Apr-06
Volatiles													
Acetone	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	14 D	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	860 D	690 D	520 D	480 D	160	28	410 D	140	390 D	400	370	350	370
Toluene	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-17 (cont.)											
	20-Jul-06	24-Oct-06	25-May-07	24-Oct-07	21-Apr-08	29-Oct-08	22-Apr-09	16-Apr-10	21-Apr-11	16-Apr-12	8-Apr-13	9-Apr-14
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	6.48	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	25	-	25	13.4	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	380	470 D	590 D	660	670	710	500	480	510	370	324	440
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-18													
	18-Apr-00	23-Oct-00	25-Jan-01	16-Apr-01	18-Oct-01	30-Apr-02	21-Nov-02	28-Apr-03	30-Oct-03	30-Apr-04	29-Oct-04	5-Apr-05	24-Oct-05	11-Apr-06
Volatiles														
Acetone	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-18 (cont.)												
	25-Jan-07	26-Jul-07	23-Jan-08	24-Jul-08	22-Apr-09	27-Oct-09	16-Apr-10	22-Oct-10	21-Apr-11	20-Oct-11	16-Apr-12	8-Apr-13	9-Apr-14
Volatiles													
Acetone	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-19									
Date Sampled	18-Apr-00	24-Oct-00	25-Jan-01	16-Apr-01	18-Oct-01	30-Apr-02	20-Nov-02	28-Apr-03	30-Oct-03	30-Apr-04
<i>Volatiles</i>										
Acetone	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-19 (cont.)								
Date Sampled	29-Oct-04	5-Apr-05	24-Oct-05	11-Apr-06	24-Oct-06	26-Apr-07	24-Oct-07	21-Apr-08	29-Oct-08
<i>Volatiles</i>									
Acetone	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-19 (cont.)								
Date Sampled	22-Apr-09	27-Oct-09	16-Apr-10	22-Oct-10	21-Apr-11	20-Oct-11	16-Apr-12	8-Apr-13	9-Apr-14
<i>Volatiles</i>									
Acetone	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-
2-Butanone	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	-	-	-	-	-	-	-	-	-
2-Hexanone	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-
Trichloroethene	-	-	-	-	-	-	-	-	-
Toluene	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	PW-1													
	20-Jan-00	19-Apr-00	14-Jul-00	24-Oct-00	26-Jan-01	17-Apr-01	01-Aug-01	18-Oct-01	24-Jan-02	30-Apr-02	31-Jul-02	20-Nov-02	09-Jan-03	
Volatiles														
Acetone	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	110	78	160	180	200	92	160	200	250	180	200 D	220 D	180	
Toluene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	PW-1 (cont.)											
	29-Apr-03	17-Apr-01	16-Jul-03	31-Oct-03	29-Jan-04	30-Apr-04	16-Jul-04	29-Oct-04	1-Feb-05	5-Apr-05	11-Jul-05	24-Oct-05
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	1.6 J	-	2.0 D	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	160	92	220 D	230 D	200 D	160 D	250 D	210 D	250	120	370 D	330
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	PW-1 (cont.)											
	25-Jan-06	11-Apr-06	20-Jul-06	24-Oct-06	25-Jan-07	26-Apr-07	26-Jul-07	24-Oct-07	23-Jan-08	21-Apr-08	24-Jul-08	29-Oct-08
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	300	360	350	260	220	110	400 E	330 D	280 D	160	290	220
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

Table 2
Program Monitoring Wells
Groundwater Analytical Results

Crosman Site
East Bloomfield, New York

Well I.D.	PW-1 (cont.)											
Date Sampled	22-Apr-09	27-Oct-09	11-Apr-10	22-Oct-10	21-Apr-11	20-Oct-11	16-Apr-12	10-Oct-12	8-Apr-13	16-Oct-13	9-Apr-14	29-Oct-14
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	92	260	150	200 D	92	160	130	150	105	140	120	110
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-20 (formerly IRM-1)												
	19-Apr-00	20-Jul-00	23-Oct-00	26-Jan-01	17-Apr-01	01-Aug-01	19-Oct-01	25-Jan-02	30-Apr-02	31-Jul-02	21-Nov-02	10-Jan-03	29-Apr-03
Volatiles													
Acetone	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	2700 D	2000 D	2200 D	1700 D	1500 D	1600 D	1300 D	1100 D	1000 D	1100 D	500 D	530 D	340 D
Toluene	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-20 (formerly IRM-1 cont.)												
	Date Sampled	16-Jul-03	31-Oct-03	30-Jan-04	29-Apr-04	15-Jul-04	28-Oct-04	1-Feb-05	5-Apr-05	11-Jul-05	24-Oct-05	25-Jan-06	11-Apr-06
Volatiles													
Acetone	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	14	2.2 J	5.3	14 D	17	14	12	17	22	19	
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-	
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-	
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-	
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-	
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-	
Trichloroethene	300 D	260 D	270 D	180 D	140	260 D	240	220	220	250	270	280	
Toluene	-	-	-	-	-	-	-	-	-	-	-	-	
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-	

Notes on page 36.

**Table 2
Program Monitoring Wells
Groundwater Analytical Results**

**Crosman Site
East Bloomfield, New York**

Well I.D.	MW-20 (formerly IRM-1 cont.)											
	20-Jul-06	24-Oct-06	26-Apr-07	24-Oct-07	21-Apr-08	29-Oct-08	22-Apr-09	16-Apr-10	21-Apr-11	16-Apr-12	8-Apr-13	9-Apr-14
Volatiles												
Acetone	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	17	16	13	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	260	230	210	220	180	180	160	130	150	130	138	170
Toluene	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	-	-	-	-	-	-	-	-	-	-	-	-

Notes on page 36.

Table 2
Program Monitoring Wells
Groundwater Analytical Results
Qualifiers and Notes

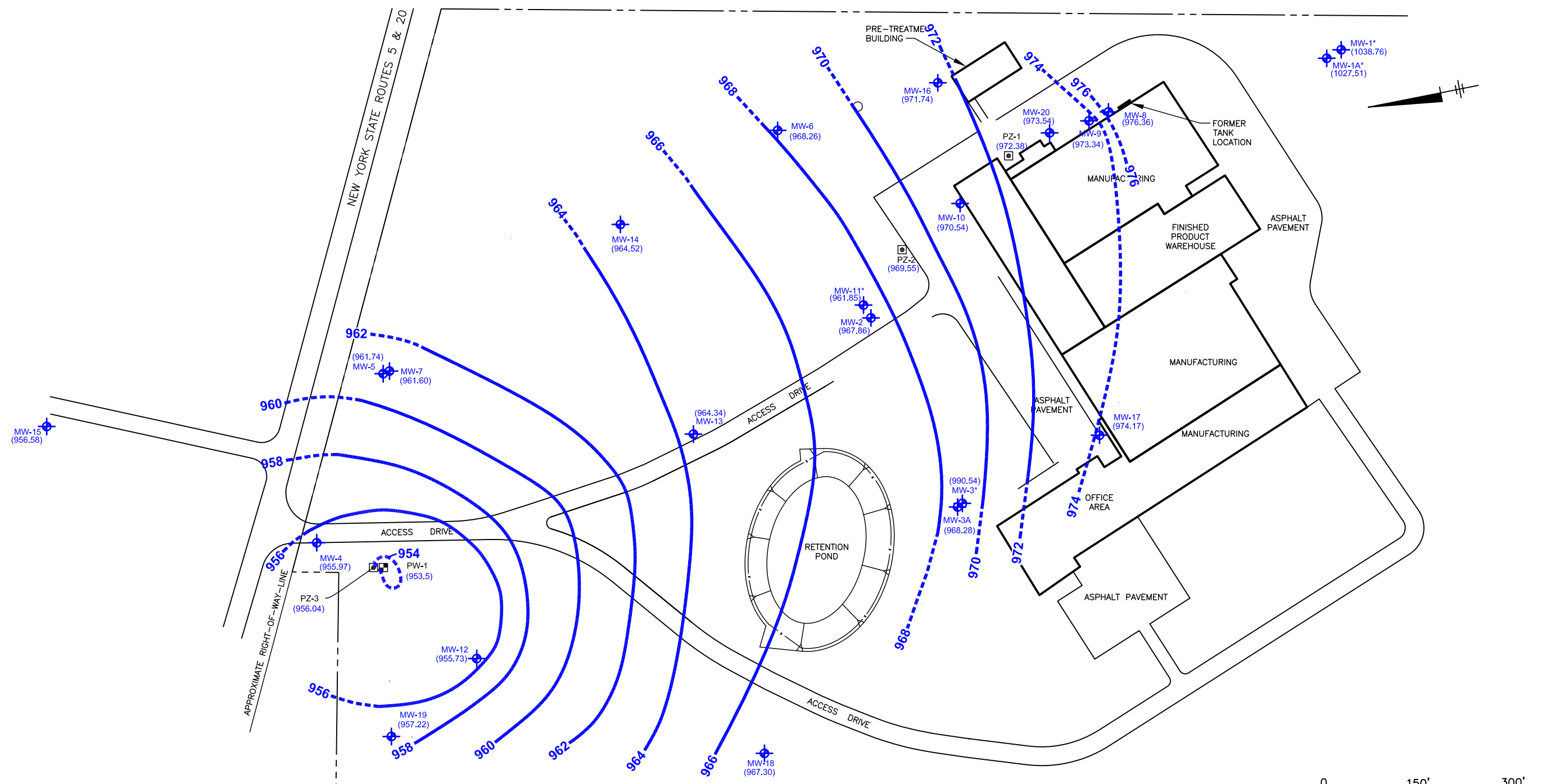
Crosman Site
East Bloomfield, New York

- J : The compound was positively identified; however, the associated numerical value is an estimated concentration.
- N : Spiked sample recovery was not within control limits.
- S : The reported value was determined by the method of standard additions (MSA).
- D : Denotes a secondary dilution.
- E : Exceeds calibration range.
- NA : Denotes not analyzed.
- : Denotes a nondetectable concentration.

Water quality results are expressed in micrograms per liter ($\mu\text{g/L}$), equivalent to parts per billion.

ARCADIS

Figures



NOTES:

1. THE PLANIMETRIC DETAIL AND BOUNDARY LINES SHOWN HERE WERE TAKEN FROM A PLAN ENTITLED "CROSMAN CORPORATION, REMEDIAL INVESTIGATION/INTERIM REMEDIAL MEASURES," PREPARED BY LABELLA, HAVING FILE NUMBER 9124301, AND BEING LAST DATED JUNE, 1993. PLANIMETRIC AND BOUNDARY INFORMATION WAS SHOWN ONLY FOR THE PURPOSE OF ORIENTATION TO MONITORING WELL LOCATIONS.
2. PROJECT BENCHMARK AT TOP OF CASING ON MW-7, ASSUMED LABELLA DATUM ELEV.= 979.71' ABOVE MEAN SEA LEVEL.
3. LOCATION OF WELLS ARE APPROXIMATE.
4. * MONITORING WELLS MW-1, MW-1A, MW-3, AND MW-11 WERE NOT USED IN CONTOURING.
5. AMSL = ABOVE MEAN SEA LEVEL.

LEGEND:

- GROUNDWATER MONITORING WELL
- PRODUCTION WELL
- PIEZOMETER
- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER ELEVATION (FEET AMSL)
- GROUNDWATER ELEVATION CONTOUR (FEET AMSL) (DASHED WHERE INFERRED)

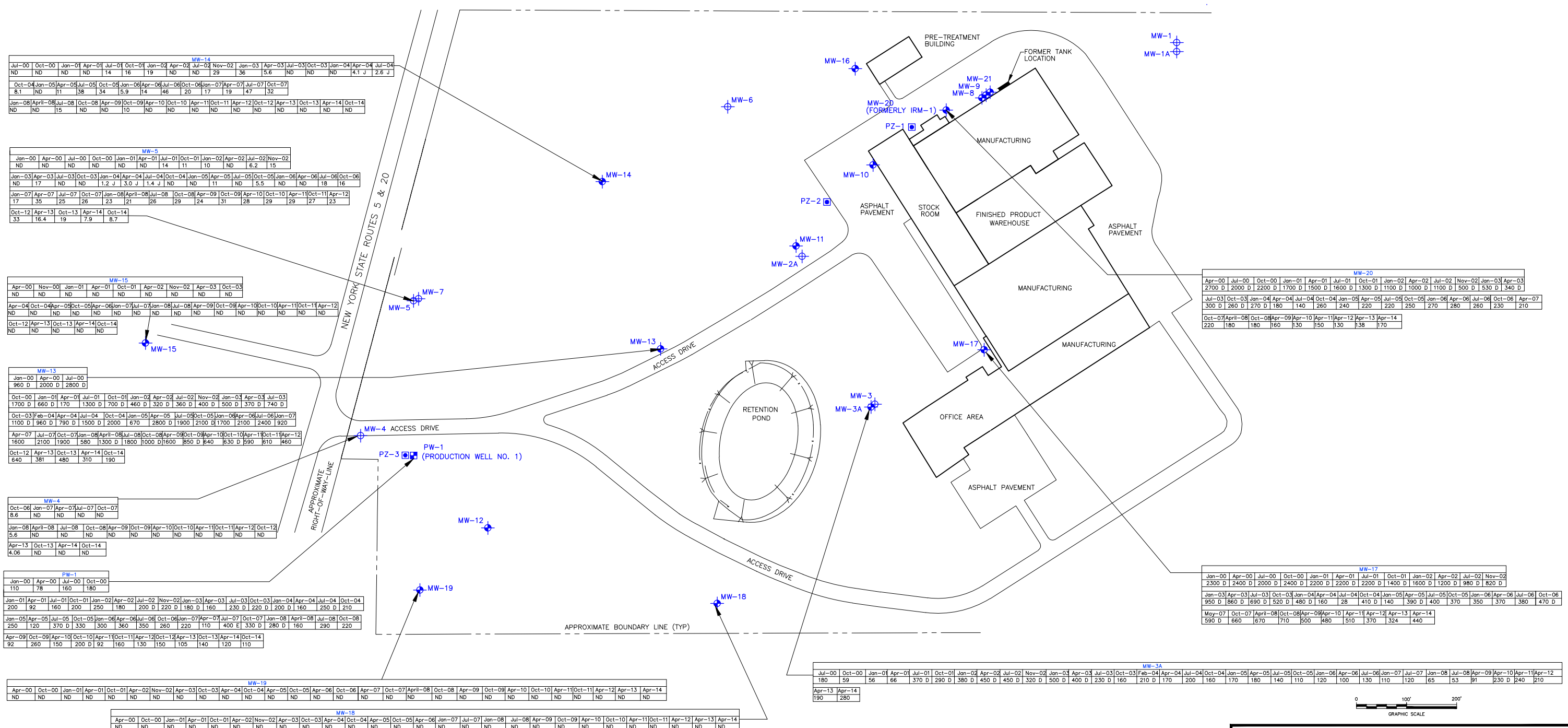
CROSMAN CORPORATION SITE
EAST BLOOMFIELD, NEW YORK

**GROUNDWATER ELEVATION
CONTOUR MAP
OCTOBER 2014**

FIGURE
1

CITY:SYRACUSE,N.Y./DIV:GROUP:ENV/CAD-141/DER: BASSETT/ID:Opt/ PIC:Opt/ PM:Read/ TM:Opt/ LVR:Opt/ON="OFF"="REF" G:\ENV\CAD\SYRACUSE\ACT\B0044150100010006\DWG\41501C44.DWG LAYOUT: 2, SAVED: 11/22/2014 5:25 PM, ACADVER: 18.1S (LMS TECH) PAGES: 18, PLOT: PLT, FULL CTB PLOTTED: 11/22/2014 5:26 PM, BY: BASSETT, RICHARD

XREFS: IMAGES PROJECTNAME: ---



MW-14

Jul-00	Oct-00	Jan-01	Apr-01	Jul-01	Oct-01	Jan-02	Apr-02	Jul-02	Nov-02	Jan-03	Apr-03	Jul-03	Oct-03	Jan-04	Jul-04
ND	ND	ND	ND	14	16	19	ND	29	36	5.6	ND	ND	ND	4.1 J	2.6 J

MW-5

Jan-00	Apr-00	Jul-00	Oct-00	Jan-01	Apr-01	Jul-01	Oct-01	Jan-02	Apr-02	Jul-02	Nov-02
ND	ND	ND	ND	ND	ND	14	11	10	ND	6.2	15

MW-15

Apr-00	Nov-00	Jan-01	Apr-01	Oct-01	Nov-02	Apr-03	Oct-03
ND	ND	ND	ND	ND	ND	ND	ND

MW-13

Jan-00	Apr-00	Jul-00
960 D	2000 D	2800 D

MW-4

Oct-06	Jan-07	Apr-07	Jul-07	Oct-07
8.6	ND	ND	ND	ND

PW-1

Jan-00	Apr-00	Jul-00	Oct-00
110	78	160	180

MW-19

Apr-00	Oct-00	Jan-01	Apr-01	Oct-01	Apr-02	Nov-02	Apr-03	Oct-03	Apr-04	Oct-04	Apr-05	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	Apr-08	Oct-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Apr-13	Apr-14	
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-18

Apr-00	Oct-00	Jan-01	Apr-01	Oct-01	Apr-02	Nov-02	Apr-03	Oct-03	Apr-04	Oct-04	Apr-05	Oct-05	Apr-06	Oct-06	Apr-07	Oct-07	Apr-08	Oct-08	Apr-09	Oct-09	Apr-10	Oct-10	Apr-11	Oct-11	Apr-12	Apr-13	Apr-14	
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-20

Apr-00	Jul-00	Oct-00	Jan-01	Apr-01	Jul-01	Oct-01	Jan-02	Apr-02	Jul-02	Nov-02	Jan-03	Apr-03
2700 D	2000 D	2200 D	1700 D	1500 D	1600 D	1300 D	1100 D	1000 D	1100 D	500 D	530 D	340 D

MW-17

Jan-00	Apr-00	Jul-00	Oct-00	Jan-01	Apr-01	Jul-01	Oct-01	Jan-02	Apr-02	Jul-02	Nov-02
2300 D	2400 D	2000 D	2400 D	2200 D	2200 D	2200 D	1400 D	1600 D	1200 D	980 D	820 D

MW-3A

Jul-00	Oct-00	Jan-01	Apr-01	Jul-01	Oct-01	Jan-02	Apr-02	Jul-02	Nov-02	Jan-03	Apr-03	Jul-03	Oct-03	Jan-04	Jul-04	Oct-04	Jan-05	Apr-05	Jul-05	Oct-05	Jan-06	Apr-06	Jul-06	Oct-06	Jan-07	Apr-07	Jul-07	Oct-07	Jan-08	Apr-08	Jul-08	Oct-08	Jan-09	Apr-09	Jul-09	Oct-09	Jan-10	Apr-10	Jul-10	Oct-10	Jan-11	Apr-11	Jul-11	Oct-11	Jan-12	Apr-12	Jul-12	Oct-12	Jan-13	Apr-13	Jul-13	Oct-13	Jan-14	Apr-14	Jul-14	Oct-14
180	59	56	66	370 D	290 D	380 D	450 D	450 D	320 D	500 D	400 D	230 D	160	210 D	170	200	160	170	180	140	110	120	100	130	110	120	65	53	91	230 D	240	210																								

NOTES:

- THE PLANIMETRIC DETAIL AND BOUNDARY LINES SHOWN HERE WERE TAKEN FROM A PLAN ENTITLED "CROSMAN CORPORATION, REMEDIAL INVESTIGATION/INTERIM REMEDIAL MEASURES," PREPARED BY LABELLA, HAVING FILE NUMBER 9124301, AND BEING LAST DATED JUNE, 1993. PLANIMETRIC AND BOUNDARY INFORMATION WAS SHOWN ONLY FOR THE PURPOSE OF ORIENTATION TO MONITORING WELL LOCATIONS. LOCATION OF IRM-1 AND ADJACENT BUILDING ARE APPROXIMATE.
- PROJECT BENCHMARK AT TOP OF CASING ON MW-7, ASSUMED LABELLA DATUM ELEV.= 979.71' ABOVE MEAN SEA LEVEL.
- ALL RESULTS ARE IN MICROGRAMS PER ELITER (µg/L).
- LOCATION OF FEATURES SUCH AS MONITORING WELLS AND PIEZOMETERS ARE APPROXIMATE.
- ND = NOT DETECTED. COMPOUNDS DETECTED IN MS/MSD ARE NOT SHOWN.
J = COMPOUND WAS POSITIVELY IDENTIFIED. HOWEVER, THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY.
D = SECONDARY DILUTION
E = EXCEEDS CALIBRATION RANGE

LEGEND:

- MONITORING WELL BY BBL
- MONITORING WELL BY LABELLA
- PRODUCTION WELL
- PIEZOMETER

**CROSMAN CORPORATION
EAST BLOOMFIELD, NEW YORK**

**MAP OF TRICHLOROETHYLENE
CONCENTRATIONS IN GROUNDWATER**

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**FIGURE
2**

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Attachment 1



ALS Environmental
ALS Group USA, Corp
1565 Jefferson Rd, Building 300, Suite 360
Rochester, NY 14623
T: 585-288-5380
F: 585-288-8475
www.alsglobal.com

November 12, 2014

Analytical Report for Service Request No: R1408645

Mr. Aaron Richardson
ARCADIS of New York, Inc.
295 Woodcliff Drive
Third Floor, Suite 301
Fairport, NY 14450

Laboratory Results for: Crosman/B0041501

Dear Mr. Richardson:

Enclosed are the results of the sample(s) submitted to our laboratory on October 29, 2014. For your reference, these analyses have been assigned our service request number **R1408645**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Janice Jaeger
Client Services Manager

Page 1 of 23

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1408645

<u>Lab ID</u>	<u>Client ID</u>
R1408645-001	MW-13
R1408645-002	MW-5
R1408645-003	MW-14
R1408645-004	PW-1
R1408645-005	MW-4
R1408645-006	MW-15
R1408645-007	TRIP BLANK

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report.

All samples were preserved in accordance with approved analytical methods.

All samples have been analyzed by the approved methods cited on the analytical results pages.

All holding times and associated QC were within limits.

No analytical or QC problems were encountered.

All sampling activities performed by ALS personnel have been in accordance with "ALS Field Procedures and Measurements Manual" or by client specifications.

00002

REPORT QUALIFIERS AND DEFINITIONS

- | | |
|---|--|
| <p>U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.</p> <p>J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).</p> <p>B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.</p> <p>E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.</p> <p>E Organics- Concentration has exceeded the calibration range for that specific analysis.</p> <p>D Concentration is a result of a dilution,¹ typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.</p> <p>* Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.</p> <p>H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.</p> <p># Spike was diluted out.</p> | <p>+ Correlation coefficient for MSA is <0.995.</p> <p>N Inorganics- Matrix spike recovery was outside laboratory limits.</p> <p>N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.</p> <p>S Concentration has been determined using Method of Standard Additions (MSA).</p> <p>W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.</p> <p>P Concentration >40% (25% for CLP) difference between the two GC columns.</p> <p>C Confirmed by GC/MS</p> <p>Q DoD reports: indicates a pesticide/Aroclor is not confirmed ($\geq 100\%$ Difference between two GC columns).</p> <p>X See Case Narrative for discussion.</p> <p>MRL Method Reporting Limit. Also known as:</p> <p>LOQ Limit of Quantitation (LOQ)
The lowest concentration at which the method analyte may be reliably quantified under the method conditions.</p> <p>MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).</p> <p>LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.</p> <p>ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.</p> |
|---|--|



Rochester Lab ID # for State Certifications¹

NELAP Accredited	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Connecticut ID # PH0556	Nebraska Accredited	North Carolina #676
Delaware Accredited	Nevada ID # NY-00032	Pennsylvania ID# 68-786
DoD ELAP #65817	New Jersey ID # NY004	Rhode Island ID # 158
Florida ID # E87674	New York ID # 10145	Virginia #460167
Illinois ID #200047		

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the laboratory case narrative provided. For a specific list of accredited analytes, refer to <http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads>

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
 Project: Crosman/B0041501
 Sample Matrix: Water

Service Request: R1408645
 Date Collected: 10/29/14 0930
 Date Received: 10/29/14
 Date Analyzed: 11/7/14 08:38

Sample Name: MW-13
 Lab Code: R1408645-001

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0440.D\

Analysis Lot: 419983
 Instrument Name: R-MS-12
 Dilution Factor: 2

CAS No.	Analyte Name	Result	Q	MRL	Note
67-64-1	Acetone	20	U	20	
71-43-2	Benzene	10	U	10	
75-27-4	Bromodichloromethane	10	U	10	
75-25-2	Bromoform	10	U	10	
74-83-9	Bromomethane	10	U	10	
78-93-3	2-Butanone (MEK)	20	U	20	
75-15-0	Carbon Disulfide	20	U	20	
56-23-5	Carbon Tetrachloride	10	U	10	
108-90-7	Chlorobenzene	10	U	10	
75-00-3	Chloroethane	10	U	10	
67-66-3	Chloroform	10	U	10	
74-87-3	Chloromethane	10	U	10	
124-48-1	Dibromochloromethane	10	U	10	
75-34-3	1,1-Dichloroethane	10	U	10	
107-06-2	1,2-Dichloroethane	10	U	10	
75-35-4	1,1-Dichloroethene	10	U	10	
156-59-2	cis-1,2-Dichloroethene	10	U	10	
156-60-5	trans-1,2-Dichloroethene	10	U	10	
78-87-5	1,2-Dichloropropane	10	U	10	
10061-01-5	cis-1,3-Dichloropropene	10	U	10	
10061-02-6	trans-1,3-Dichloropropene	10	U	10	
100-41-4	Ethylbenzene	10	U	10	
591-78-6	2-Hexanone	20	U	20	
75-09-2	Methylene Chloride	10	U	10	
108-10-1	4-Methyl-2-pentanone (MIBK)	20	U	20	
100-42-5	Styrene	10	U	10	
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	
127-18-4	Tetrachloroethene	10	U	10	
108-88-3	Toluene	10	U	10	
71-55-6	1,1,1-Trichloroethane	10	U	10	
79-00-5	1,1,2-Trichloroethane	10	U	10	
79-01-6	Trichloroethene	190		10	
75-01-4	Vinyl Chloride	10	U	10	
95-47-6	o-Xylene	10	U	10	
179601-23-1	m,p-Xylenes	10	U	10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
Project: Crosman/B0041501
Sample Matrix: Water

Service Request: R1408645
Date Collected: 10/29/14 0930
Date Received: 10/29/14
Date Analyzed: 11/7/14 08:38

Sample Name: MW-13
Lab Code: R1408645-001

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0440.D\

Analysis Lot: 419983
Instrument Name: R-MS-12
Dilution Factor: 2

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85-122	11/7/14 08:38	
Toluene-d8	103	87-121	11/7/14 08:38	
Dibromofluoromethane	98	89-119	11/7/14 08:38	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
 Project: Crosman/B0041501
 Sample Matrix: Water

Service Request: R1408645
 Date Collected: 10/29/14 1000
 Date Received: 10/29/14
 Date Analyzed: 11/7/14 05:57

Sample Name: MW-5
 Lab Code: R1408645-002

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0435.D\

Analysis Lot: 419983
 Instrument Name: R-MS-12
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	Note
67-64-1	Acetone	10 U	10	
71-43-2	Benzene	5.0 U	5.0	
75-27-4	Bromodichloromethane	5.0 U	5.0	
75-25-2	Bromoform	5.0 U	5.0	
74-83-9	Bromomethane	5.0 U	5.0	
78-93-3	2-Butanone (MEK)	10 U	10	
75-15-0	Carbon Disulfide	10 U	10	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	
108-90-7	Chlorobenzene	5.0 U	5.0	
75-00-3	Chloroethane	5.0 U	5.0	
67-66-3	Chloroform	5.0 U	5.0	
74-87-3	Chloromethane	5.0 U	5.0	
124-48-1	Dibromochloromethane	5.0 U	5.0	
75-34-3	1,1-Dichloroethane	5.0 U	5.0	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	
75-35-4	1,1-Dichloroethene	5.0 U	5.0	
156-59-2	cis-1,2-Dichloroethene	8.8	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	
100-41-4	Ethylbenzene	5.0 U	5.0	
591-78-6	2-Hexanone	10 U	10	
75-09-2	Methylene Chloride	5.0 U	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	10 U	10	
100-42-5	Styrene	5.0 U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	
127-18-4	Tetrachloroethene	5.0 U	5.0	
108-88-3	Toluene	5.0 U	5.0	
71-55-6	1,1,1-Trichloroethane	5.0 U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	
79-01-6	Trichloroethene	8.7	5.0	
75-01-4	Vinyl Chloride	5.0 U	5.0	
95-47-6	o-Xylene	5.0 U	5.0	
179601-23-1	m,p-Xylenes	5.0 U	5.0	



ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
Project: Crosman/B0041501
Sample Matrix: Water

Service Request: R1408645
Date Collected: 10/29/14 1000
Date Received: 10/29/14
Date Analyzed: 11/7/14 05:57

Sample Name: MW-5
Lab Code: R1408645-002

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0435.D\

Analysis Lot: 419983
Instrument Name: R-MS-12
Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85-122	11/7/14 05:57	
Toluene-d8	98	87-121	11/7/14 05:57	
Dibromofluoromethane	101	89-119	11/7/14 05:57	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
Project: Crosman/B0041501
Sample Matrix: Water

Service Request: R1408645
Date Collected: 10/29/14 1030
Date Received: 10/29/14
Date Analyzed: 11/7/14 06:29

Sample Name: MW-14
Lab Code: R1408645-003

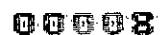
Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQU\DATA\msvoa12\Data\110614\MM0436.D\

Analysis Lot: 419983
Instrument Name: R-MS-12
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	Note
67-64-1	Acetone	10 U	10	
71-43-2	Benzene	5.0 U	5.0	
75-27-4	Bromodichloromethane	5.0 U	5.0	
75-25-2	Bromoform	5.0 U	5.0	
74-83-9	Bromomethane	5.0 U	5.0	
78-93-3	2-Butanone (MEK)	10 U	10	
75-15-0	Carbon Disulfide	10 U	10	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	
108-90-7	Chlorobenzene	5.0 U	5.0	
75-00-3	Chloroethane	5.0 U	5.0	
67-66-3	Chloroform	5.0 U	5.0	
74-87-3	Chloromethane	5.0 U	5.0	
124-48-1	Dibromochloromethane	5.0 U	5.0	
75-34-3	1,1-Dichloroethane	5.0 U	5.0	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	
75-35-4	1,1-Dichloroethene	5.0 U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	
100-41-4	Ethylbenzene	5.0 U	5.0	
591-78-6	2-Hexanone	10 U	10	
75-09-2	Methylene Chloride	5.0 U	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	10 U	10	
100-42-5	Styrene	5.0 U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	
127-18-4	Tetrachloroethene	5.0 U	5.0	
108-88-3	Toluene	5.0 U	5.0	
71-55-6	1,1,1-Trichloroethane	5.0 U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	
79-01-6	Trichloroethene	5.0 U	5.0	
75-01-4	Vinyl Chloride	5.0 U	5.0	
95-47-6	o-Xylene	5.0 U	5.0	
179601-23-1	m,p-Xylenes	5.0 U	5.0	



ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
Project: Crosman/B0041501
Sample Matrix: Water

Service Request: R1408645
Date Collected: 10/29/14 1030
Date Received: 10/29/14
Date Analyzed: 11/7/14 06:29

Sample Name: MW-14
Lab Code: R1408645-003

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0436.D\

Analysis Lot: 419983
Instrument Name: R-MS-12
Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85-122	11/7/14 06:29	
Toluene-d8	100	87-121	11/7/14 06:29	
Dibromofluoromethane	99	89-119	11/7/14 06:29	



ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
Project: Crosman/B0041501
Sample Matrix: Water

Service Request: R1408645
Date Collected: 10/29/14 1115
Date Received: 10/29/14
Date Analyzed: 11/7/14 07:01

Sample Name: PW-1
Lab Code: R1408645-004

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0437.D\

Analysis Lot: 419983
Instrument Name: R-MS-12
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	Note
67-64-1	Acetone	10 U	10	
71-43-2	Benzene	5.0 U	5.0	
75-27-4	Bromodichloromethane	5.0 U	5.0	
75-25-2	Bromoform	5.0 U	5.0	
74-83-9	Bromomethane	5.0 U	5.0	
78-93-3	2-Butanone (MEK)	10 U	10	
75-15-0	Carbon Disulfide	10 U	10	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	
108-90-7	Chlorobenzene	5.0 U	5.0	
75-00-3	Chloroethane	5.0 U	5.0	
67-66-3	Chloroform	5.0 U	5.0	
74-87-3	Chloromethane	5.0 U	5.0	
124-48-1	Dibromochloromethane	5.0 U	5.0	
75-34-3	1,1-Dichloroethane	5.0 U	5.0	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	
75-35-4	1,1-Dichloroethene	5.0 U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	
100-41-4	Ethylbenzene	5.0 U	5.0	
591-78-6	2-Hexanone	10 U	10	
75-09-2	Methylene Chloride	5.0 U	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	10 U	10	
100-42-5	Styrene	5.0 U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	
127-18-4	Tetrachloroethene	5.0 U	5.0	
108-88-3	Toluene	5.0 U	5.0	
71-55-6	1,1,1-Trichloroethane	5.0 U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	
79-01-6	Trichloroethene	110	5.0	
75-01-4	Vinyl Chloride	5.0 U	5.0	
95-47-6	o-Xylene	5.0 U	5.0	
179601-23-1	m,p-Xylenes	5.0 U	5.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
Project: Crosman/B0041501
Sample Matrix: Water

Service Request: R1408645
Date Collected: 10/29/14 1115
Date Received: 10/29/14
Date Analyzed: 11/7/14 07:01

Sample Name: PW-1
Lab Code: R1408645-004

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0437.D\

Analysis Lot: 419983
Instrument Name: R-MS-12
Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85-122	11/7/14 07:01	
Toluene-d8	103	87-121	11/7/14 07:01	
Dibromofluoromethane	99	89-119	11/7/14 07:01	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
 Project: Crosman/B0041501
 Sample Matrix: Water

Service Request: R1408645
 Date Collected: 10/29/14 1200
 Date Received: 10/29/14
 Date Analyzed: 11/7/14 09:43

Sample Name: MW-4
 Lab Code: R1408645-005

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0442.D\

Analysis Lot: 419983
 Instrument Name: R-MS-12
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	Note
67-64-1	Acetone	10 U	10	
71-43-2	Benzene	5.0 U	5.0	
75-27-4	Bromodichloromethane	5.0 U	5.0	
75-25-2	Bromoform	5.0 U	5.0	
74-83-9	Bromomethane	5.0 U	5.0	
78-93-3	2-Butanone (MEK)	10 U	10	
75-15-0	Carbon Disulfide	10 U	10	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	
108-90-7	Chlorobenzene	5.0 U	5.0	
75-00-3	Chloroethane	5.0 U	5.0	
67-66-3	Chloroform	5.0 U	5.0	
74-87-3	Chloromethane	5.0 U	5.0	
124-48-1	Dibromochloromethane	5.0 U	5.0	
75-34-3	1,1-Dichloroethane	5.0 U	5.0	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	
75-35-4	1,1-Dichloroethene	5.0 U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	
100-41-4	Ethylbenzene	5.0 U	5.0	
591-78-6	2-Hexanone	10 U	10	
75-09-2	Methylene Chloride	5.0 U	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	10 U	10	
100-42-5	Styrene	5.0 U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	
127-18-4	Tetrachloroethene	5.0 U	5.0	
108-88-3	Toluene	5.0 U	5.0	
71-55-6	1,1,1-Trichloroethane	5.0 U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	
79-01-6	Trichloroethene	5.0 U	5.0	
75-01-4	Vinyl Chloride	5.0 U	5.0	
95-47-6	o-Xylene	5.0 U	5.0	
179601-23-1	m,p-Xylenes	5.0 U	5.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
Project: Crosman/B0041501
Sample Matrix: Water

Service Request: R1408645
Date Collected: 10/29/14 1200
Date Received: 10/29/14
Date Analyzed: 11/7/14 09:43

Sample Name: MW-4
Lab Code: R1408645-005

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0442.D\

Analysis Lot: 419983
Instrument Name: R-MS-12
Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85-122	11/7/14 09:43	
Toluene-d8	90	87-121	11/7/14 09:43	
Dibromofluoromethane	100	89-119	11/7/14 09:43	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
 Project: Crosman/B0041501
 Sample Matrix: Water

Service Request: R1408645
 Date Collected: 10/29/14 1230
 Date Received: 10/29/14
 Date Analyzed: 11/7/14 08:06

Sample Name: MW-15
 Lab Code: R1408645-006

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0439.D\

Analysis Lot: 419983
 Instrument Name: R-MS-12
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	Note
67-64-1	Acetone	10 U	10	
71-43-2	Benzene	5.0 U	5.0	
75-27-4	Bromodichloromethane	5.0 U	5.0	
75-25-2	Bromoform	5.0 U	5.0	
74-83-9	Bromomethane	5.0 U	5.0	
78-93-3	2-Butanone (MEK)	10 U	10	
75-15-0	Carbon Disulfide	10 U	10	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	
108-90-7	Chlorobenzene	5.0 U	5.0	
75-00-3	Chloroethane	5.0 U	5.0	
67-66-3	Chloroform	5.0 U	5.0	
74-87-3	Chloromethane	5.0 U	5.0	
124-48-1	Dibromochloromethane	5.0 U	5.0	
75-34-3	1,1-Dichloroethane	5.0 U	5.0	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	
75-35-4	1,1-Dichloroethene	5.0 U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	
100-41-4	Ethylbenzene	5.0 U	5.0	
591-78-6	2-Hexanone	10 U	10	
75-09-2	Methylene Chloride	5.0 U	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	10 U	10	
100-42-5	Styrene	5.0 U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	
127-18-4	Tetrachloroethene	5.0 U	5.0	
108-88-3	Toluene	5.0 U	5.0	
71-55-6	1,1,1-Trichloroethane	5.0 U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	
79-01-6	Trichloroethene	5.0 U	5.0	
75-01-4	Vinyl Chloride	5.0 U	5.0	
95-47-6	o-Xylene	5.0 U	5.0	
179601-23-1	m,p-Xylenes	5.0 U	5.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
Project: Crosman/B0041501
Sample Matrix: Water

Service Request: R1408645
Date Collected: 10/29/14 1230
Date Received: 10/29/14
Date Analyzed: 11/7/14 08:06

Sample Name: MW-15
Lab Code: R1408645-006

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUADATA\msvoa12\Data\110614\MM0439.D\

Analysis Lot: 419983
Instrument Name: R-MS-12
Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85-122	11/7/14 08:06	
Toluene-d8	92	87-121	11/7/14 08:06	
Dibromofluoromethane	98	89-119	11/7/14 08:06	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
 Project: Crosman/B0041501
 Sample Matrix: Water

Service Request: R1408645
 Date Collected: 10/29/14
 Date Received: 10/29/14
 Date Analyzed: 11/7/14 05:24

Sample Name: TRIP BLANK
 Lab Code: R1408645-007

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0434.D\

Analysis Lot: 419983
 Instrument Name: R-MS-12
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	Note
67-64-1	Acetone	10 U	10	
71-43-2	Benzene	5.0 U	5.0	
75-27-4	Bromodichloromethane	5.0 U	5.0	
75-25-2	Bromoform	5.0 U	5.0	
74-83-9	Bromomethane	5.0 U	5.0	
78-93-3	2-Butanone (MEK)	10 U	10	
75-15-0	Carbon Disulfide	10 U	10	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	
108-90-7	Chlorobenzene	5.0 U	5.0	
75-00-3	Chloroethane	5.0 U	5.0	
67-66-3	Chloroform	5.0 U	5.0	
74-87-3	Chloromethane	5.0 U	5.0	
124-48-1	Dibromochloromethane	5.0 U	5.0	
75-34-3	1,1-Dichloroethane	5.0 U	5.0	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	
75-35-4	1,1-Dichloroethene	5.0 U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	
100-41-4	Ethylbenzene	5.0 U	5.0	
591-78-6	2-Hexanone	10 U	10	
75-09-2	Methylene Chloride	5.0 U	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	10 U	10	
100-42-5	Styrene	5.0 U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	
127-18-4	Tetrachloroethene	5.0 U	5.0	
108-88-3	Toluene	5.0 U	5.0	
71-55-6	1,1,1-Trichloroethane	5.0 U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	
79-01-6	Trichloroethene	5.0 U	5.0	
75-01-4	Vinyl Chloride	5.0 U	5.0	
95-47-6	o-Xylene	5.0 U	5.0	
179601-23-1	m,p-Xylenes	5.0 U	5.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
Project: Crosman/B0041501
Sample Matrix: Water

Service Request: R1408645
Date Collected: 10/29/14
Date Received: 10/29/14
Date Analyzed: 11/7/14 05:24

Sample Name: TRIP BLANK
Lab Code: R1408645-007

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0434.D\

Analysis Lot: 419983
Instrument Name: R-MS-12
Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85-122	11/7/14 05:24	
Toluene-d8	103	87-121	11/7/14 05:24	
Dibromofluoromethane	99	89-119	11/7/14 05:24	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
 Project: Crosman/B0041501
 Sample Matrix: Water

Service Request: R1408645
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 11/7/14 02:09

Sample Name: Method Blank
 Lab Code: RQ1413706-05

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0428.D\

Analysis Lot: 419983
 Instrument Name: R-MS-12
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	Note
67-64-1	Acetone	10 U	10	
71-43-2	Benzene	5.0 U	5.0	
75-27-4	Bromodichloromethane	5.0 U	5.0	
75-25-2	Bromoform	5.0 U	5.0	
74-83-9	Bromomethane	5.0 U	5.0	
78-93-3	2-Butanone (MEK)	10 U	10	
75-15-0	Carbon Disulfide	10 U	10	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	
108-90-7	Chlorobenzene	5.0 U	5.0	
75-00-3	Chloroethane	5.0 U	5.0	
67-66-3	Chloroform	5.0 U	5.0	
74-87-3	Chloromethane	5.0 U	5.0	
124-48-1	Dibromochloromethane	5.0 U	5.0	
75-34-3	1,1-Dichloroethane	5.0 U	5.0	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	
75-35-4	1,1-Dichloroethene	5.0 U	5.0	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	
100-41-4	Ethylbenzene	5.0 U	5.0	
591-78-6	2-Hexanone	10 U	10	
75-09-2	Methylene Chloride	5.0 U	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	10 U	10	
100-42-5	Styrene	5.0 U	5.0	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	
127-18-4	Tetrachloroethene	5.0 U	5.0	
108-88-3	Toluene	5.0 U	5.0	
71-55-6	1,1,1-Trichloroethane	5.0 U	5.0	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	
79-01-6	Trichloroethene	5.0 U	5.0	
75-01-4	Vinyl Chloride	5.0 U	5.0	
95-47-6	o-Xylene	5.0 U	5.0	
179601-23-1	m,p-Xylenes	5.0 U	5.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: ARCADIS of New York, Inc.
Project: Crosman/B0041501
Sample Matrix: Water

Service Request: R1408645
Date Collected: NA
Date Received: NA
Date Analyzed: 11/7/14 02:09

Sample Name: Method Blank
Lab Code: RQ1413706-05

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: I:\ACQUDATA\msvoa12\Data\110614\MM0428.D\

Analysis Lot: 419983
Instrument Name: R-MS-12
Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85-122	11/7/14 02:09	
Toluene-d8	103	87-121	11/7/14 02:09	
Dibromofluoromethane	100	89-119	11/7/14 02:09	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: ARCADIS of New York, Inc.
 Project: Crosman/B0041501
 Sample Matrix: Water

Service Request: R1408645
 Date Analyzed: 11/7/14

Lab Control Sample Summary
 Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L
 Basis: NA

Analysis Lot: 419983

Analyte Name	Lab Control Sample RQ1413706-03			Duplicate Lab Control Sample RQ1413706-04			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Acetone	24.4	20.0	122	21.9	20.0	109	51 - 146	11	30
Benzene	20.5	20.0	103	20.7	20.0	104	76 - 118	<1	30
Bromodichloromethane	20.8	20.0	104	20.5	20.0	102	79 - 122	2	30
Bromoform	20.8	20.0	104	20.9	20.0	105	65 - 138	<1	30
Bromomethane	21.1	20.0	106	19.9	20.0	100	41 - 159	6	30
2-Butanone (MEK)	22.3	20.0	112	21.2	20.0	106	66 - 129	5	30
Carbon Disulfide	21.3	20.0	107	21.2	20.0	106	63 - 141	<1	30
Carbon Tetrachloride	18.7	20.0	93	18.4	20.0	92	66 - 128	1	30
Chlorobenzene	20.6	20.0	103	20.1	20.0	101	80 - 121	3	30
Chloroethane	21.5	20.0	108	21.9	20.0	109	71 - 128	2	30
Chloroform	20.2	20.0	101	20.6	20.0	103	76 - 120	2	30
Chloromethane	21.6	20.0	108	21.3	20.0	107	64 - 140	1	30
Dibromochloromethane	20.6	20.0	103	19.9	20.0	99	79 - 125	4	30
1,1-Dichloroethane	20.4	20.0	102	20.3	20.0	102	76 - 128	<1	30
1,2-Dichloroethane	19.5	20.0	98	19.1	20.0	95	72 - 130	2	30
1,1-Dichloroethene	19.3	20.0	97	19.5	20.0	98	74 - 135	<1	30
cis-1,2-Dichloroethene	21.4	20.0	107	21.5	20.0	107	80 - 121	<1	30
trans-1,2-Dichloroethene	21.6	20.0	108	21.2	20.0	106	78 - 124	2	30
1,2-Dichloropropane	20.6	20.0	103	20.2	20.0	101	80 - 119	2	30
cis-1,3-Dichloropropene	19.2	20.0	96	19.5	20.0	97	77 - 125	2	30
trans-1,3-Dichloropropene	19.4	20.0	97	19.3	20.0	96	72 - 123	<1	30
Ethylbenzene	19.3	20.0	96	19.0	20.0	95	76 - 120	2	30
2-Hexanone	20.5	20.0	102	18.7	20.0	94	61 - 131	9	30
Methylene Chloride	20.9	20.0	104	20.6	20.0	103	73 - 122	1	30
4-Methyl-2-pentanone (MIBK)	19.8	20.0	99	18.1	20.0	91	68 - 129	9	30
Styrene	20.6	20.0	103	20.4	20.0	102	81 - 122	<1	30
1,1,2,2-Tetrachloroethane	22.0	20.0	110	21.3	20.0	106	74 - 127	3	30
Tetrachloroethene	20.5	20.0	102	20.5	20.0	103	69 - 124	<1	30
Toluene	21.2	20.0	106	21.1	20.0	106	77 - 120	<1	30
1,1,1-Trichloroethane	19.7	20.0	99	20.0	20.0	100	71 - 123	1	30
1,1,2-Trichloroethane	21.3	20.0	106	21.1	20.0	106	79 - 117	<1	30
Trichloroethene	20.7	20.0	103	21.0	20.0	105	76 - 123	2	30
Vinyl Chloride	22.2	20.0	111	21.8	20.0	109	69 - 136	2	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: ARCADIS of New York, Inc.
 Project: Crosman/B0041501
 Sample Matrix: Water

Service Request: R1408645
 Date Analyzed: 11/7/14

Lab Control Sample Summary
 Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L
 Basis: NA

Analysis Lot: 419983

Analyte Name	Lab Control Sample RQ1413706-03			Duplicate Lab Control Sample RQ1413706-04			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
o-Xylene	20.9	20.0	104	20.9	20.0	104	77 - 131	<1	30
m,p-Xylenes	42.3	40.0	106	41.9	40.0	105	78 - 123	1	30


Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Project Name CROSMAN		Project Number B0041561		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																				
Project Manager AARON RICHARDSON		Report CC		PRESERVATIVE																				
Company/Address ARCADIS 295 WOODCLIFF DR SUITE 301 FAIRPORT NY 14450				NUMBER OF CONTAINERS	GC/MS VOAs • 8280 • 824 • CLP GC/MS SVOCs • 8270 • 825 GC VOAs • 8221 • 801/802 PESTICIDES • 8091 • 808 PCBs • 8092 • 608 METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below)											Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____ REMARKS/ ALTERNATE DESCRIPTION								
Phone # 585 662 4624		Email																						
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name Geoff Greppentrog																						
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING		MATRIX	ANALYSIS REQUESTED																			
		DATE	TIME																					
MW-13		10/29/14	0930	L	3	X																		
MW-5			1000																					
MW-14			1030																					
DW-1			1115																					
MW-11			1200																					
MW-15		X	1200	X	X	X																		
TRIP BLANK																								
SPECIAL INSTRUCTIONS/COMMENTS Metals					TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day X STANDARD REQUESTED REPORT DATE				REPORT REQUIREMENTS I. Results Only II. Results + OC Summaries (LCS, DUP, MS/MSD as required) X III. Results + OC and Calibration Summaries IV. Data Validation Report with Raw Data Edata Yes No				INVOICE INFORMATION PO # BILL TO:											
STATE WHERE SAMPLES WERE COLLECTED					RELINQUISHED BY					RECEIVED BY					RELINQUISHED BY					RECEIVED BY				
Signature <i>[Signature]</i>					Signature <i>[Signature]</i>					Signature					Signature					Signature				
Printed Name ARCADIS					Printed Name ALS					Printed Name					Printed Name					Printed Name				
Firm					Firm 10/29/14 /1470					Firm					Firm					Firm				
Date/Time 10/29/14 1420					Date/Time					Date/Time					Date/Time					Date/Time				

R1408645
ARCADIS of New York, Inc.
Crosmans

5





Cooler Receipt and Preservation Check Form

R1408645

5

ARCADIS of New York, Inc.
Crossman



Project/Client ARCADIS- Folder Number R14-8645

Cooler received on 10/21/14 by: sh

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y <input checked="" type="checkbox"/> N
2	Custody papers properly completed (ink, signed)?	Y <input checked="" type="checkbox"/> N
3	Did all bottles arrive in good condition (unbroken)?	Y <input checked="" type="checkbox"/> N
4	Circle: Wet Ice Dry Ice Gel packs present?	Y <input checked="" type="checkbox"/> N

5a	Perchlorate samples have required headspace?	Y N <input checked="" type="checkbox"/> NA
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	Y <input checked="" type="checkbox"/> NA
6	Where did the bottles originate?	ALS/ROC CLIENT
7	Soil VOA received as: Bulk Encore 5035set	<input checked="" type="checkbox"/> NA

8. Temperature Readings Date: 10/21/14 Time: 1421 ID: IR#3 ~~IR#4~~ From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>7.6°</u>						
Correction Factor (°C)	<u>-0.1°</u>						
Corrected Temp (°C)	<u>7.5°</u>						
Within 0-6°C?	Y <input checked="" type="checkbox"/>	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: Ice melted Poorly Packed Same Day Rule

& Client Approval to Run Samples: Standing Approval Client aware at drop-off Client notified by:

All samples held in storage location: Room by sh on 10/21/14 at 1421
 5035 samples placed in storage location: by on at

PC Secondary Review: 10/30/14

Cooler Breakdown: Date: 11/3/14 Time: 1244 by: sh

- Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
- Did all bottle labels and tags agree with custody papers? YES NO
- Were correct containers used for the tests indicated? YES NO
- Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO ₃								
≤2	H ₂ SO ₄								
<4	NaHSO ₄								
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add Na ₂ S ₂ O ₃ (CN), ascorbic (phenol).					
	Na ₂ S ₂ O ₃	-	-						
	ZnAcetate	-	-						
	HCl	**	**	4113070	95				

Yes=All samples OK
 No=Samples were preserved at The lab as listed
 PM OK to Adjust:

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: 416202
Other Comments:

PC Secondary Review: 11/2/14 *significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter