Department of Environmental Conservation

Division of Environmental Remediation

2007 O&M Report

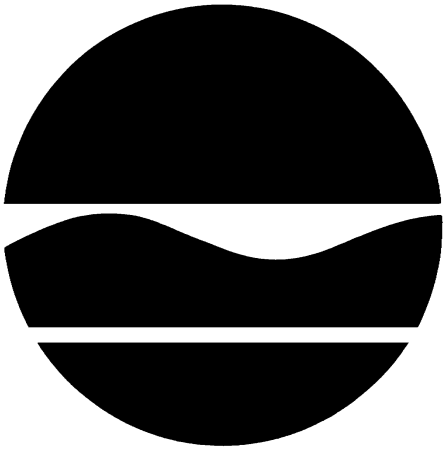
Patton's Busy Bee Disposal Site
Town of Alfred, Allegany County
Site Number 9-02-014

March 2008

New York State Department of Environmental Conservation

2007 Operation and Maintenance Report

Patton's Busy Bee Disposal Site
Site #902014



New York State Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Ave
Buffalo, New York 14203-2999

Michael J. Hinton P.E.
Environmental Engineer II
(716) 851-7220

Brian P. Sadowski
Sr. Trt. Fac. Opr.
(716) 851-7220

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Section I Executive Summary

In accordance with the 1996 Record of Decision (ROD) for the Busy Bee Disposal site, the New York State Department of Environmental Conservation (NYSDEC), Region 9 Division of Environmental Remediation (DER) staff have performed the required Operation and Maintenance inspections of the landfill cap, sampling of monitoring wells and selected residential drinking water wells associated with the Busy Bee Landfill Disposal site as prescribed in the current Operation and Maintenance (O&M) Plan.

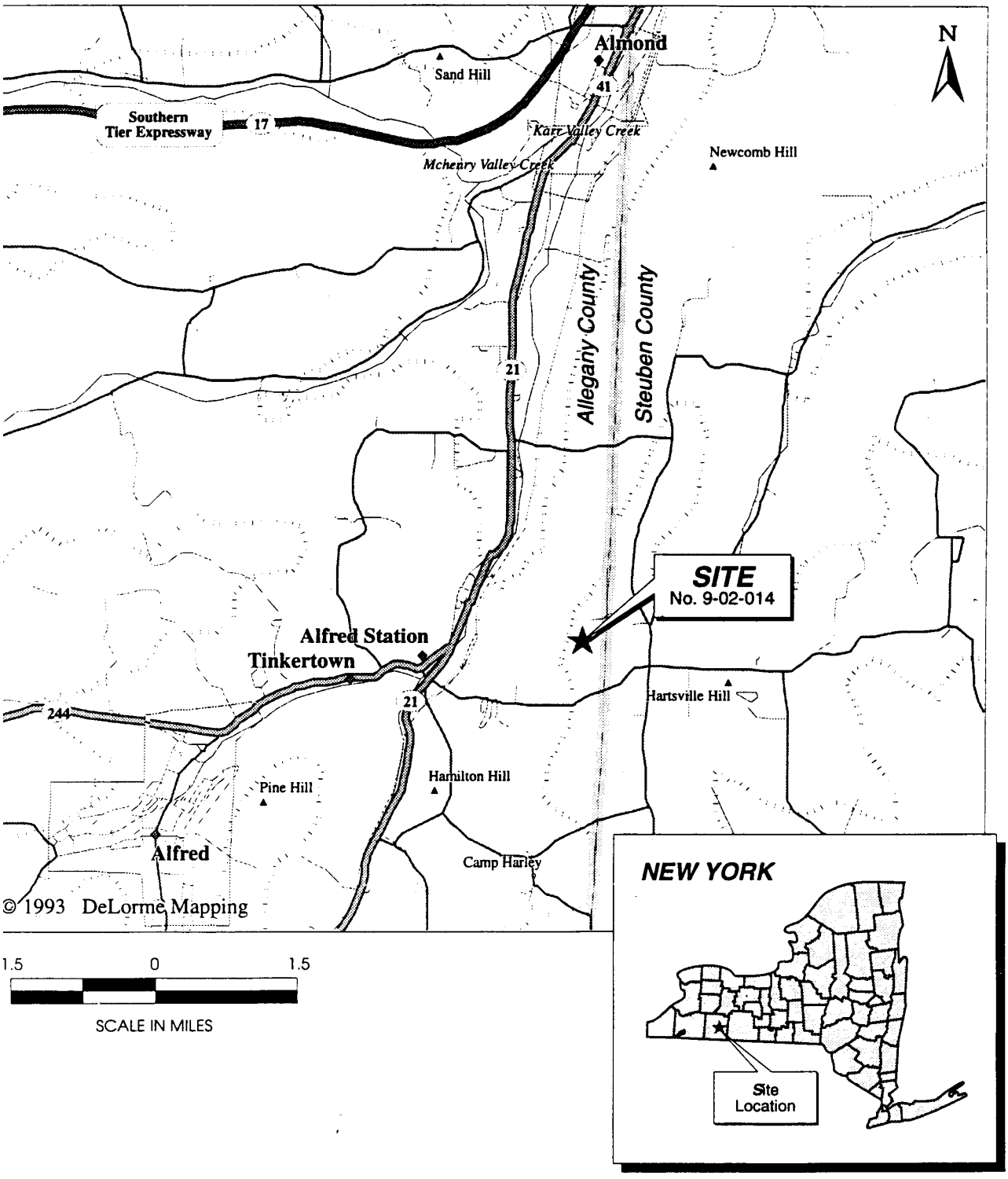
Site inspections in May and October 2007 examined the landfill cap, monitoring well integrity, and overall site conditions. The Site Inspection reports can be found in Appendix A.

The site groundwater monitoring wells were purged on October 17, 2007 and sampled October 18, 2007 by DEC staff. Site groundwater monitoring well data does not indicate a continued degradation of on-site ground water quality or a suspected off-site release . Historical data for all site monitoring wells sampled as part of the former Busy Bee O&M program can be found in Appendix B.

The site's four leachate collection tanks were checked by Region 9 Solid and Hazardous Waste staff and a log of leachate levels is maintained. Leachate removal was performed by a NYSDEC Emergency Spill Remediation contractor Op-Tech Environmental Services Inc. During 2007, approximately 78,000 gallons of leachate were removed from the collection tanks and disposed at the City of Hornell Wastewater Treatment Plant. Leachate collection tank monitoring data and removal logs are found in Appendix C.

Mowing of the landfill cover was performed by NYSDEC Division of Operations during August 2007. Most warning signs installed around the perimeter of the site are in place and undamaged. Site security continues to be a concern with occasional use by unknown persons on ATV's. The gate installed by the NYSDEC on the access road to the Busy Bee landfill site is intact and was locked during inspections.

Recommendations for the year 2008 include continuation of the leachate pump out and disposal program and continuation of the general O&M activities that include mowing of the landfill cover and general maintenance of the site. Groundwater sampling of the site monitoring wells will be performed on a biennial basis with the next round of groundwater sampling scheduled for the fall of 2009.



Site Location Map

Infrared Satellite Photo

Section II Site Inspection

Inspections of the Busy Bee landfill were conducted on May 10, 2007 and October 17, 2007 to satisfy the requirements of the September 1997 Operation and Maintenance Manual with addenda dated April 1999, March 2000, February 2001, February 2002, February 2003 and February 2008.

In general, no significant problems were discovered that would impact the integrity of the landfill cover system or leachate management. There were no observed areas of erosion of the cover system nor observed breakouts of leachate on the side slopes of the landfill or the down gradient hill sides. The areas of previously observed leachate seeps were inspected and found to be clear of leachate. Site Inspection reports are contained in Appendix A.

Section III Residential Water Supply Well Samples

Residential water supply well sampling was eliminated from the annual monitoring program in 2006. The Record of Decision dated October 1996 required a residential drinking water supply sampling program for a minimum of three years and an evaluation of the data collected. The NYSDEC collected water samples from selected drinking water supplies for 9 years. No evidence of Patton's Busy Bee site related contaminants have been detected in any residential water supply wells during this monitoring program.

Section IV Site Monitoring Wells

On October 17th and 18th, 2007 the on-site groundwater monitoring wells were purged and sampled by the NYSDEC Region 9 Division of Environmental Remediation staff. Each well was purged by either a dedicated hand bailer or a Grundfos pump to remove stagnant water from the well casing and allow fresh formation water to enter the well.

Low levels of volatile organic compounds were detected in MW-101D, MW-101I, MW-103D, MW-103I, MW-104I, MW-107SR, MW-109 and MW-113:

- Acetone at an estimated value of 3.8 ug/l, Chlorobenzene at an estimated value of 0.73 ug/l and 1,3-Dichlorobenzene at an estimated value of 0.41 ug/lwere detected in MW-101D;
- Acetone at an estimated value of 2.1 ug/l was detected in MW-101I;
- Trichloroethene at 4.5 ug/l and Cis-1,2-Dichloroethene at 9.1 ug/l were detected in MW-103D;
- Trichloroethene at 5.7 ug/l and Cis-1,2-Dichloroethene at 12.0 ug/l were detected in MW-103I;
- Chloroform at at an estimated value of 0.55 ug/l, Trichloroethene at 5.2 ug/l and Cis-1,2-Dichloroethene at 2.2 ug/l were detected in MW-104I;
- Acetone at 6.8 ug/l and 2-Butanone at at an estimated value of 1.8 ug/l were detected in MW-107-SR;
- Acetone at at an estimated value of 1.8 ug/l was detected in MW-109, and
- Acetone at 9.5 ug/l, 2-Butanone at an estimated value of 2.0 ug/l and cis-1,3-Dichloropropane at an estimated value of 0.48 ug/l were detected in MW-113.

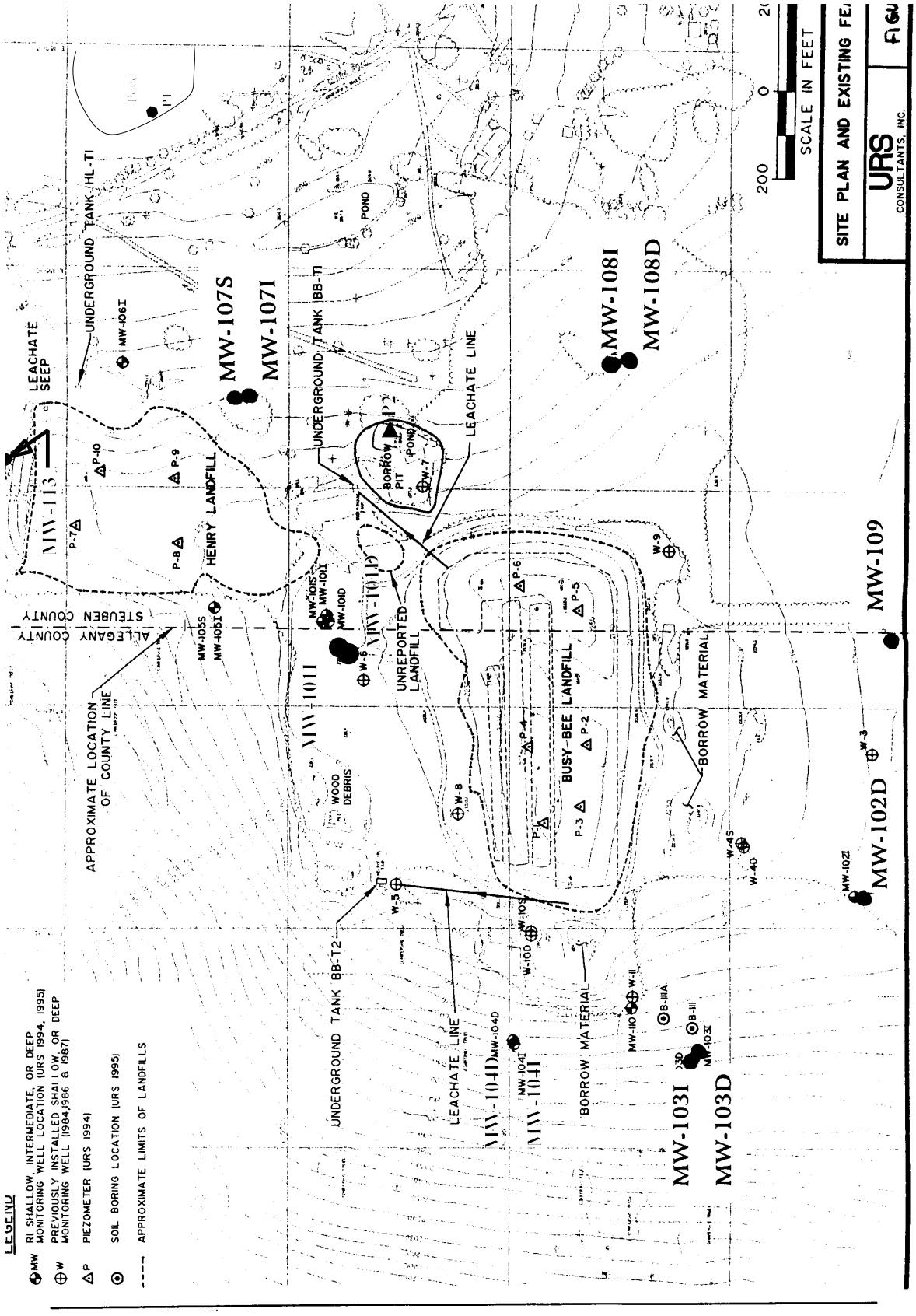
The NYSDEC groundwater standard for Benzene is 1.0 ug/l, Trichloroethene and cis-1,2-Dichloroethene is 5 ug/l.and Chloroform is 7 ug/l. There is no groundwater standard for 2-Butanone also known as methyl ethyl ketone (MEK) and Acetone, only a guidance value of 50 ug/l. These compounds have been detected in previous sampling events at approximately the same concentrations.

Inorganic compounds were detected in all groundwater monitoring wells at various concentrations. Inorganic compounds are naturally occurring and are expected to be detected in groundwater. However the following compounds were detected above the NYSDEC groundwater standards;

- Arsenic exceeded groundwater standards in MW-101I at 35 ug/l. The arsenic standard is 25 ug/l,
- Beryllium exceeded groundwater standards in MW-101I at 3.7 ug/l. The beryllium standard is 3 ug/l,
- Chromium exceeded groundwater standards in MW-101I at 58 ug/l. The arsenic standard is 50 ug/l
- Iron exceeded groundwater standards in all sampled monitoring wells ranging from 640 ug/l (MW-102D) to 91,300 ug/l (MW-101I). The iron standard is 300 ug/l;
- Lead exceeded groundwater standards in MW-101I at 34 ug/l. The lead standard is 25 ug/l,
- Manganese exceeded groundwater standards in 3 monitoring wells ranging from 670 ug/l (MW-107SR) to 1,600 ug/l (MW-101I). The standard for manganese is 300 ug/l.

The attached Tables IV-1, IV-2 & IV-3 provide a summary of the compounds detected in each well. The actual laboratory data sheets are maintained in the NYSDEC Region 9 Buffalo office and are available for review if requested. Please refer to Appendix B for the Site Monitoring Well Historic Sampling data for each well from 1997 to 2007.

In February 2008, the O&M plan for the site was revised to eliminate annual sampling of the site groundwater monitoring wells. The sampling frequency has been changed to a biennial, every two years, event. The next monitoring well sampling event will occur in the fall of 2009.



Location of Long term Monitoring Wells

TABLE IV-1 MONITORING WELLS
VOLATILE ORGANIC COMPOUNDS
(ug/l)

Parameter (Std/*guidance*)	**MW-101D 10/18/07**	**MW-101I 10/18/07**	**MW-102D 10/18/07**	**MW-103D 10/18/07**	**MW-103I 10/18/07**
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride (2.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Acetone *(50 guidance)*	**3.8 J**	**2.1 J**	5.0 U	5.0 U	5.0 U
Carbon Disulfide	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (7.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane (0.6)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane *(50 guidance)*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane (1.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
*cis-1,3-Dichloropropene (0.4)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene (5.0)	1.0 U	1.0 U	1.0 U	**4.5**	**5.7**
Dibromochloromethane *(50 guidance)*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane (1.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene (1.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
*trans-1,3-Dichloropropene (0.4)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform *(50 guidance)*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone *(50 guidance)*	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene (5.0)	**0.73 J**	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene, total (5.0)	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Dichlorodifluoromethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans -1,2-Dichloroethene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE IV-1 (cont.) MONITORING WELLS
VOLATILE ORGANIC COMPOUNDS
(ug/l)

Parameter (Std/*guidance*)	**MW-101D 10/18/07**	**MW-101I 10/18/07**	**MW-102D 10/18/07**	**MW-103D 10/18/07**	**MW-103I 10/18/07**
Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene (5.0)	1.0 U	1.0 U	1.0 U	**9.1**	**12**
Cyclohexane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene (3.0)	**0.41 J**	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene (3.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene (3.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (0.04)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

NS - No sample collected
U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l

TABLE IV-1 (cont.) MONITORING WELLS
VOLATILE ORGANIC COMPOUNDS (ug/l)

Parameter (Std/*guidance*)	**MW-104D 10/18/07**	**MW-104I 10/18/07**	**MW-107IR 10/18/07**	**MW-107SR 10/18/07**	**MW-108D 10/18/07**
Chloromethane	NS	1.0 U	NS	1.0 U	1.0 U
Bromomethane (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Vinyl chloride (2.0)	NS	1.0 U	NS	1.0 U	1.0 U
Chloroethane (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Methylene chloride (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Acetone *(50 guidance)*	NS	5.0 U	NS	**6.8**	5.0 U
Carbon disulfide	NS	1.0 U	NS	1.0 U	1.0 U
1,1-Dichloroethene (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
1,1-Dichloroethane (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Chloroform (7.0)	NS	**0.55 J**	NS	1.0 U	1.0 U
1,2-Dichloroethane (0.6)	NS	1.0 U	NS	1.0 U	1.0 U
2-Butanone	NS	5.0 U	NS	**1.8 J**	5.0 U
1,1,1-Trichloroethane (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Carbon tetrachloride (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Bromodichloromethane *(50*	NS	1.0 U	NS	1.0 U	1.0 U
1,2-Dichloropropane (1.0)	NS	1.0 U	NS	1.0 U	1.0 U
*cis-1,3-Dichloropropene (0.4)	NS	1.0 U	NS	1.0 U	1.0 U
Trichloroethene (5.0)	NS	**5.2**	NS	1.0 U	1.0 U
Dibromochloromethane *(50*	NS	1.0 U	NS	1.0 U	1.0 U
1,1,2-Trichloroethane (1.0)	NS	1.0 U	NS	1.0 U	1.0 U
Benzene (1.0)	NS	1.0 U	NS	1.0 U	1.0 U
*trans-1,3-Dichloropropene (0.4)	NS	1.0 U	NS	1.0 U	1.0 U
Bromoform *(50 guidance)*	NS	1.0 U	NS	1.0 U	1.0 U
4-Methyl-2-pentanone	NS	1.0 U	NS	1.0 U	1.0 U
2-Hexanone *(50 guidance)*	NS	5.0 U	NS	5.0 U	5.0 U
Tetrachloroethene (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Toluene (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Chlorobenzene (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Ethylbenzene (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Styrene (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Xylene, total (5.0)	NS	3.0 U	NS	3.0 U	3.0 U
Dichlorodifluoromethane (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Trichlorofluoromethane (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-	NS	1.0 U	NS	1.0 U	1.0 U
trans -1,2-Dichloroethene (5.0)	NS	1.0 U	NS	1.0 U	1.0 U

TABLE IV-1 (cont.) MONITORING WELLS
VOLATILE ORGANIC COMPOUNDS
(ug/l)

Parameter (Std/*guidance*)	**MW-104D 10/18/07**	**MW-104I 10/18/07**	**MW-107IR 10/18/07**	**MW-107SR 10/18/07**	**MW-108D 10/18/07**
Methyl tert-butyl ether	NS	1.0 U	NS	1.0 U	1.0 U
cis-1,2-Dichloroethene (5.0)	NS	2.2	NS	1.0 U	1.0 U
Cyclohexane	NS	1.0 U	NS	1.0 U	1.0 U
Methylcyclohexane	NS	1.0 U	NS	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene	NS	1.0 U	NS	1.0 U	1.0 U
Isopropylbenzene (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
1,3-Dichlorobenzene (3.0)	NS	1.0 U	NS	1.0 U	1.0 U
1,4-Dichlorobenzene (3.0)	NS	1.0 U	NS	1.0 U	1.0 U
1,2-Dichlorobenzene (3.0)	NS	1.0 U	NS	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	NS	1.0 U	NS	1.0 U	1.0 U
1,2,4-Trichlorobenzene (5.0)	NS	1.0 U	NS	1.0 U	1.0 U
Methyl acetate	NS	1.0 U	NS	1.0 U	1.0 U

NS - No sample collected - MW-104D and 107 IR dry
U- compound not detected
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l

TABLE IV-1 MONITORING WELLS
VOLATILE ORGANIC COMPOUNDS (ug/l)

Parameter (Std/*guidance*)	**MW-108I 10/18/07**	**MW-110 (DUP MW-108I) 10/18/07**	**MW-109 10/18/07**	**MW-113 10/18/07**
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride (2.0)	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Acetone *(50 guidance)*	5.0 U	5.0 U	**1.8 J**	**9.5**
Carbon disulfide	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (7.0)	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane (0.6)	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	5.0 U	5.0 U	5.0 U	**2.0 J**
1,1,1-Trichloroethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane *(50 guidance)*	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane (1.0)	1.0 U	1.0 U	1.0 U	**0.48 J**
*cis-1,3-Dichloropropene (0.4)	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane *(50 guidance)*	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane (1.0)	1.0 U	1.0 U	1.0 U	1.0 U
Benzene (1.0)	1.0 U	1.0 U	1.0 U	1.0 U
*trans-1,3-Dichloropropene (0.4)	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform *(50 guidance)*	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone *(50 guidance)*	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Toluene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Styrene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Xylene, total (5.0)	3.0 U	3.0 U	3.0 U	3.0 U
Dichlorodifluoromethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.0 U	1.0 U	1.0 U	1.0 U
trans -1,2-Dichloroethene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U

TABLE IV-1 (cont.) MONITORING WELLS
VOLATILE ORGANIC COMPOUNDS
(ug/l)

Parameter (Std/*guidance*)	**MW-108I 10/18/07**	**MW-110 (Dup MW-108I) 10/18/07**	**MW-109 10/18/07**	**MW-113 1018/07**
Methyl tert-butyl ether	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene (3.0)	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene (3.0)	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene (3.0)	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (0.04)	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene (5.0)	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	1.0 U	1.0 U	1.0 U	1.0 U

U- compound not detected
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l

Table IV-2 MONITORING WELLS
INORGANIC COMPOUNDS
(ug/l)

Parameter (std/*guidance*)	**MW-101D 10/04/06**	**MW-101I 10/04/06**	**MW-102D 10/04/06**	**MW-103D 10/04/06**	**MW-103I 10/04/06**
Aluminum	NS	51400	450	1500	20800
Antimony (3)	NS	20U	20U	20U	20U
Arsenic (25)	NS	**35**	10U	10U	25
Barium (1000)	NS	490	88	70	320
Beryllium (3)	NS	**3.7**	2U	2U	2U
Cadmium (5)	NS	2.1	3.8	2.3	1.5
Calcium	NS	101000	45300	20500	20800
Chromium (50)	NS	**58**	4U	4U	22
Cobalt	NS	45	4U	4U	18
Copper (200)	NS	75	16	10U	19
Iron (300)	NS	**91300**	**640**	**1900**	**34500**
Lead (25)	NS	**34**	5U	5U	16
Magnesium (*35,000 guidance*)	NS	56100	14900	7800	10700
Manganese (300)	NS	**1600**	13	56	**1200**
Mercury (0.7)	NS	0.2U	0.2U	0.2U	0.2U
Nickel (100)	NS	88	10U	10U	32
Potassium	NS	20700	3600	2300	8900
Selenium (10)	NS	15U	15U	15U	15U
Silver (50)	NS	3U	3U	3U	3U
Sodium (20000)	NS	6700	3700	3300	3800
Thallium (*0.5 guidance*)	NS	20U	20U	20U	20U
Vanadium	NS	69	5U	5U	27
Zinc (*2000 guidance*)	NS	210	10U	10U	66

U- not detected at or above detection limit
B - detected below contract required detection limit
N - Spiked sample recovery not within control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards
NS - No sample collected - MW-101D insufficient volume

Table IV-2 (cont) MONITORING WELLS
INORGANIC COMPOUNDS
(ug/l)

Parameter (std/*guidance*)	**MW-104D 10/18/07**	**MW-104I 10/18/07**	**MW-107IR 10/18/07**	**MW-107SR 10/18/07**	**MW-108D 10/18/07**
Aluminum	NS	6200	NS	6400	1100
Antimony (3)	NS	20U	NS	20U	20U
Arsenic (25)	NS	10U	NS	10U	10U
Barium (1000)	NS	130	NS	150	130
Beryllium (3)	NS	2U	NS	2U	2U
Cadmium (5)	NS	2.7	NS	1.7	1.2
Calcium	NS	29000	NS	77000	31700
Chromium (50)	NS	16	NS	7.3	4U
Cobalt	NS	4U	NS	4	4U
Copper (200)	NS	10U	NS	10U	24
Iron (300)	NS	**7700**	NS	**7400**	**1700**
Lead (25)	NS	5.9	NS	5U	5U
Magnesium (*35,000 guidance*)	NS	8200	NS	14800	13400
Manganese (300)	NS	150	NS	**670**	290
Mercury (0.7)	NS	0.2U	NS	0.2U	0.2U
Nickel (100)	NS	10U	NS	10U	10U
Potassium	NS	3900	NS	4400	4400
Selenium (10)	NS	15U	NS	15U	15U
Silver (50)	NS	3U	NS	3U	3U
Sodium (20000)	NS	6700	NS	8600	3900
Thallium *(0.5 guidance*)	NS	20U	NS	20U	20U
Vanadium	NS	9.2	NS	9.8	5U
Zinc *(2000 guidance)*	NS	19	NS	19	10U

U- not detected at or above detection limit
B - detected below contract required detection limit
N - Spiked sample recovery not within control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards
NS - No sample collected - MW-104D and MW-107Idry

Table IV-2 (cont) MONITORING WELLS
INORGANIC COMPOUNDS
(ug/l)

Parameter (std/*guidance*)	**MW-108I 10/18/07**	**MW-110 (DUP MW-108I) 10/18/07**	**MW-109 10/18/07**	**MW-113 10/18/07**	
Aluminum	570	820	670	NS	
Antimony (3)	20U	20U	20U	NS	
Arsenic (25)	10U	10U	10U	NS	
Barium (1000)	68	84	140	NS	
Beryllium (3)	2U	2U	2U	NS	
Cadmium (5)	1U	1U	1.7	NS	
Calcium	39100	40500	28600	NS	
Chromium (50)	4U	4U	5	NS	
Cobalt	4U	4U	4U	NS	
Copper (200)	16	11	44	NS	
Iron (300)	**870**	**1200**	**4700**	NS	
Lead (25)	5U	5U	5U	NS	
Magnesium (*35,000 guidance*)	22000	22600	10200	NS	
Manganese (300)	18	24	210	NS	
Mercury (0.7)	0.2U	0.2U	0.2U	NS	
Nickel (100)	10U	10U	10U	NS	
Potassium	5000	4800	4800	NS	
Selenium (10)	15U	15U	15U	NS	
Silver (50)	3U	3U	3U	NS	
Sodium (20000)	3800	3900	3700	NS	
Thallium (*0.5 guidance*)	20U	20U	20U	NS	
Vanadium	5U	5U	5U	NS	
Zinc (*2000 guidance*)	10U	10U	27	NS	

U- not detected at or above detection limit
B - detected below contract required detection limit
N - Spiked sample recovery not within control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards
NS - No sample collected - MW-113 insufficient volume

Section V Leachate Management

The leachate generated from the Patton's Busy Bee landfill is collected in four on site underground collection tanks. Staff from the Region 9 Division's of Solid and Hazardous Waste and Environmental Remediation monitor the leachate levels in the tanks. On May 11, 2007 and October 10, 2007, leachate removal was performed by a NYSDEC Emergency Spill Remediation contractor Op-Tech Environmental Services Inc. During 2007, approximately 78,000 gallons of leachate were removed from the collection tanks and disposed at the City of Hornell Wastewater Treatment Plant.

The following tables provide information on the leachate monitoring and removal activities. A sample from leachate tank BB-T2S was collected on 10/18/07 and is summarized in Table V-1, V-2 and V-3. The actual data is located in the Region 9 office and will be provided upon request.

Annual sampling of the leachate collection tanks will continue. Data is necessary to determine the proper disposal requirements for the leachate.

Please refer Appendix C for Leachate Collection Tank Monitoring and Leachate Removal Logs.

TABLE V-1 Leachate Collection Tank
Volatile Organic Compounds
(ug/l)

Parameter	BBT2S 10/18/07
Chloromethane	5U
Bromomethane	5U
Vinyl chloride	5U
Chloroethane	5U
Methylene chloride	6.8 B
Acetone	14 J
Carbon disulfide	5U
1,1-Dichloroethene	5U
1,1-Dichloroethane	5U
Chloroform	5U
1,2-Dichloroethane	5U
2-Butanone	25U
1,1,1-Trichloroethane	5U
Carbon tetrachloride	5U
Bromodichloromethane	5U
1,2-Dichloropropane	5U
*cis-1,3-Dichloropropene	5U
Trichloroethene	5U
Dibromochloromethane	5U
1,1,2-Trichloroethane	5U
Benzene	5U
*trans-1,3-Dichloropropene	5U
Bromoform	5U
4-Methyl-2-pentanone	25U
2-Hexanone	25U
Tetrachloroethene	5U
Toluene	5U
1,1,2,2-Tetrachloroethane	5U
Chlorobenzene	5U
Ethylbenzene	5U
Styrene	5U
Xylene, total	15U
Dichlorodifluoromethane	5U
Trichlorofluoromethane	5U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5U

TABLE V-1 (con't) Leachate Collection Tank
Volatile Organic Compounds
(ug/l)

Parameter	BBT2S 10/18/07
trans -1,2-Dichloroethene	5U
Methyl tert-butyl ether	5U
cis-1,2-Dichloroethene	5U
Cyclohexane	5U
Methylcyclohexane	5U
1,2-Dibromoethane (Ethylene dibromide)	5U
Isopropyl benzene	5U
1,3-Dichlorobenzene	5U
1,4-Dichlorobenzene	5U
1,2-Dichlorobenzene	5U
1,2-Dibromo-3-chloropropane	5U
1,2,4-Trichlorobenzene	5U
Methyl acetate	5U

U- compound not detected
J - indicates an estimated value

TABLE V-2 Leachate Collection Tank
Semi-volatile Organic Compounds
(ug/l)

Parameter	BB-T2S 10/18/07
Acenaphthene	5U
Acenaphthylene	5U
Anthracene	5U
Benzo (a) anthracene	5U
Benzo (g,h,i) perylene	5U
Benzo (a) pyrene	5U
Benzoic acid	NA
Benzyl alcohol	NA
bis (2-Chloroethoxy) methane	5U
bis (2-chloroethyl) ether	5U
bis (2-chloroisopropyl) ether	NA
bis (2-ethylhexyl)phthalate	5U
4-Bromophenyl phenyl ether	5U
Butyl benzyl phthalate	5U
4-Chloroaniline	5U
4-Chloro-3-methylphenol	5U
2-Chloronaphthalene	5U
2-Chlorophenol	5U
4-Chlorophenyl phenyl ether	5U
Chrysene	5U
Dibenzo (a,h) anthracene	5U
Dibenzofuran	5U
di-n-Butyl phthalate	5U
3,3'-Dichlorobenzidine	5U
2,4-Dichlorophenol	5U
Diethylphthalate	5U
2,4-Dimethylphenol	5U
Diethyl phthalate	5U
2,4-Dimethylphenol	5U
Dimethyl phthalate	5U
2-Methyl-4,6-dinitrophenol	NA
2,4-Dinitrophenol	10U
2,4-Dinitrotoluene	5U
2,6-Dinitrotoluene	5U

TABLE V-2 (cont) Leachate Collection Tank
Semi-volatile Organic Compounds (ug/l)

Parameter	BB-T1S 10/04/06
di-n-Octylphthalate	5U
Fluoranthene	5U
Fluorene	5U
Hexachlorobenzene	5U
Hexachlorobutadiene	5U
Hexachlorocyclopentadiene	5U
Hexachloroethane	5U
Ideno (1,2,3-c,d) pyrene	5U
Isophorone	5U
2-Methylnaphthalene	5U
2-Methylphenol	5U
4-Methylphenol	5U
Naphthalene	5U
2-Nitroaniline	10U
3-Nitroaniline	10U
4-Nitroaniline	10U
Nitrobenzene	5U
2-Nitrophenol	5U
4-Nitrophenol	10U
N-Nitrosodiphenylamine	5U
N-Nitroso-di-N-propylamine	5U
Pentachlorophenol	10U
Phenanthrene	5U
Phenol	5U
Pyrene	5U
2,4,5-Trichlorophenol	5U
2,4,6-Trichlorophenol	5U
Acetophenone	NA
Atrazine	NA
Benzaldehyde	NA
Biphenyl	NA
Caprolactam	NA

U - Compound not detected
NA - Not analyzed

TABLE V-3 Leachate Collection Tank
Inorganic Compounds
(ug/l)

Parameter	BB-T2S 10/18/07
Aluminum	28400
Antimony	20U
Arsenic	180
Barium	1600
Beryllium	2.4
Cadmium	18
Calcium	225000
Chromium	42
Cobalt	47
Copper	80
Iron	406000
Lead	100
Magnesium	128000
Manganese	11300
Mercury	0.2U
Nickel	91
Potassium	149000
Selenium	15U
Silver	3U
Sodium	732000
Thallium	20U
Vanadium	46
Zinc	6400

U- Not detected at or above detection limit
B - Detected below contract required detection limit
E -Indicates an estimated value due to the presence of interference
N - Spiked sample recovery not within control limits
NA- Not analyzed

TABLE V-4 Leachate Collection Tank
Pesticides Analysis
(ug/l)

Parameter	BBT2S 10/18/07
alpha-BHC	0.048U
beta-BHC	0.048U
delta-BHC	2.8U
gamma-BHC (Lindane)	0.048U
Heptachlor	0.048U
Aldrin	**0.034 J**
Heptachlor epoxide	0.048U
Endosulfan	**0.04 J**
Dieldrin	0.048U
4,4'-DDE	0.048U
Endrin	0.048U
Endosulfan II (Beta)	0.048U
4,4'-DDD	0.048U
Endosulfan sulfate	0.048U
4,4'-DDT	0.048U
Methoxychlor	0.048U
Endrin ketone	0.048U
Endrin aldehyde	**0.041 J**
Chlordane (alpha & gamma)	0.048U
Chlordane (alpha & gamma)	0.039J
Toxaphene	0.95U

U- Not detected at or above detection limit
J - indicates an estimated value

Section VI Status of Previous Recommendations

As recommended in the 2006 O&M Report for the Busy Bee Disposal Site the removal and disposal of the leachate collected on site was performed. This was accomplished by using a NYSDEC Spill Remediation contractor.

Two semi-annual inspections of the landfill were conducted in May and October 2007.

The landfill cover was mowed in August 2007.

Most of the warning signs are still in-place along the perimeter of the site to warn hikers and hunters of the presence of the Busy Bee Hazardous Waste Landfill.

Leachate from the Henry landfill continues to flow into the local road side ditches during wet weather conditions. This landfill is not part of the Patton's inactive hazardous waste site.

Section VII 2008 Recommendations

The following activities are recommended for the 2008 Operation and Maintenance Year:

- The removal and disposal of leachate on an as needed basis must continue to ensure the landfill is maintained in as dry as state as possible. The buildup of leachate during the period prior to the RI investigation is suspected as the cause of the groundwater contamination associated with the Busy Bee Landfill.

- Sampling of the on-site monitoring wells will be performed on a biennial schedule to evaluate the effectiveness of the landfill cap and leachate collection system. The next groundwater and sampling event will occur in the fall 2009.

- Continuation of the Semi-annual inspections of the landfill.

- The landfill cap will require mowing, minor repair of animal burrows and general maintenance of the site. The mowing will be accomplished in the fall of 2007.

Section VIII Conclusions

The inspection, leachate removal activities, maintenance and monitoring well sampling have been performed in accordance with the O&M Plan developed for this site. The analysis of data collected indicate that there is no evidence of migration of site related compounds from the Busy Bee Landfill area into the surrounding properties.

REFERENCES

NYSDEC, 1995, Identification and Listing of Hazardous Wastes, New York State Codes, Rules and Regulations Title 6, Part 371: New York State Department of Environmental Conservation Division of Hazardous Substances Regulation, Albany, New York, 90p.

NYSDEC, 1996, Record of Decision, Patton's Busy Bee Disposal Site, Town of Alfred, Allegany County and Town of Hartsville, Steuben County, Site #902014

NYSDEC, 1997, Patton's Busy Bee Disposal Site, Town of Alfred, Allegany County, Town of Hartsville, Steuben County, Site #902014, Operation and Maintenance Manual

NYSDEC, 1998, Division of Water Technical and Operational Guidance Series (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

URS Consultants, 1990, Engineering Investigation at Inactive Hazardous Waste Sites, Preliminary Site Assessment, Patton's Busy Bee Disposal Site, Site #902014, URS Corporation Buffalo New York

URS Consultants, 1995, Final Report, Remedial Investigation, Patton's Busy Bee Disposal Site, Site #902014, URS Corporation Buffalo New York

URS Consultants, 1996, Phase II Feasibility Study, Patton's Busy Bee Disposal Site, Site #902014, URS Corporation Buffalo New York

Appendix A

Inspection Reports

New York Department of Environmental Conservation
Division of Environmental Remediation
Region 9 Office-Buffalo

FIELD INSPECTION REPORT

Date: May 10, 2007
Site Name: Patton's Busy Bee
Site Number: 902014
Location: Alfred Station, Allegany County
Project Engineer: Michael Hinton, NYSDEC - Buffalo
Contractor: OP-TECH Environmental

Weather Conditions: Cloudy, slight drizzle, thunder& lightening. Temperature: ~60-65 degrees F.

Purpose of Inspection/Visit: Spring inspection. Check on OP-TECH Environmental; "called out" for leachate removal and disposal.

Work Performed/Observations: BPS arrived on site at 1138. Noticed that the road was regraded as requested of Operations. OP-TECH Environmental not on site, but tire depressions and a vacuum suction hose left at BB-T1-S indicated that they were in the area.

The site cap was found in good condition. Depressions or sloughs that would compromise the cap integrity was not observed. The grass is healthy, has uniform length, and dense for effective cover. The gate was found locked. It was opened to check operation; OK. Site identification signs were posted and clearly visible. The access road around the perimeter of the site is rutted, but passable by two wheel drive in dry conditions and four wheel drive in wet conditions. OP-TECH Environmental returned back to the site near the end of the inspection. The driver resumed pumping from BB-T1-S. He commented that both BBT1-N&S were full when he arrived on site on Wednesday and that when he lowers the leachate level by vacuuming, leachate readily re-enters. Thus indicating again, that the repair to the cross-over pipe was successful last summer. BB-T2-N&S was already pumped put. The driver said that he had expected more water and that a pipe blockage may exist. I said that the DEC will monitor. One of the two abandoned vehicles that's been on the site for years was flipped and is now resting on its roof. ATV activity continues. The operators are going around the boulders and using the lateral gate berm as a "jump". The site is remote and the gate and boulders are limited in their effectiveness to deter trespassers. There were no indications that the cap, monitoring wells, leachate collection system and tanks were compromised.

Mark Grizer and Brad Bledsoe from Operations also visited the site. They asked if the repairs to the road were adequate and to contact them if we (DER-N) need additional maintenance.

BPS off site at 1230.

Report by: Brian Sadowski

Attachments: Pictures **Distribution: Mike Hinton, Greg Sutton, file.**


CAUTION
YOU ARE ENTERING
PATTON'S BUSY BEE
DISPOSAL SITE
#902014
This site is on the NYS Registry
of Inactive Hazardous Waste
Sites as a Class 4 site
Information on this site can be obtained
from the Document Repository in the Town
of Alfred Town Hall or by calling the NYSDEC:
1-800-342-9296


DESW1151
PA-AH0599
CT-HW-700
RESIDUAL WASTE
6A-166
CUSCO

New York Department of Environmental Conservation
Division of Environmental Remediation
Region 9 Office-Buffalo

FIELD INSPECTION REPORT

Date: October 17, 2007
Site Name: Patton's Busy Bee
Site Number: 902014
Location: Alfred Station, Allegany County
Project Engineer: Michael Hinton, NYSDEC - Buffalo
Contractor: N/A

Weather Conditions: 10/17/07 - Mostly sunny. Temperature: ~70 degrees F.
Time On Site: ~1030
Time Off Site: ~1430
Weather Conditions: 10/18/07 - Overcast, cooler, Temperaure: ~60 degrees F.
Time On Site: ~1030
Time Off Site: ~1500

Purpose of Inspection/Visit: Fall inspection and long term monitoring well purge and sample. Check on leachate levels to confirm leachate removal by OP-TECH Environmental as called out.

Work Performed/Observations: Mike Hinton, Brian Sadowski, Jeff Konsella and Dave Szymanski arrive on site ~1030. Commence purge of monitoring wells to allow new formation water to enter for sampling on 10/18/07. Water levels found significantly lower than normal due to moderate drought conditions that effected Western New York over the summer.

The site cap was found in good condition. Depressions or sloughs were not observed. The grass is healthy, has uniform length, and dense for effective cover. The gate was found locked upon arrival. Its' operation was checked for functionality. Five to six site identification signs were noticed to have been vandalized by removal, cutting or used as targets. Additional signs will be ordered and installed. Access roads to the site, around the perimeter and to and from the leachate tanks were in good condition and easily passable by car or tanker trucks. One of the two abandoned vehicles that's was in the northeast corner of the site was dragged and left at the berm near the gate. ATV activity continues. The operators are going around the boulders and using the lateral gate berm as a "jump". There were no indications that the cap, monitoring wells, leachate collection system and tanks were compromised by the vandals/trespassers. All monitoring wells were in fair to good condition. New bailers and bailer cord were replaced as necessary to reach lower water depths or for better capture of groundwater. Brian Sadowski and Mike Hinton returned back to the site on 10/18/07 at ~1030 to sample the wells and leachate in tank BBT2. New formation water recovered in most of the wells. However, there were exceptions. Samples were not pulled from MW-104 D because it was dry. Samples were only grabbed for volatiles at MW-113 because of low water volume. Samples were only grabbed for volatiles at MW-101D also due to low water volume. The cause is suspected to be lower casing blockage from a bailer lost several years ago and preventing a full depth reach by the new bailer. Sampling completed. B. Sadowski and M. Hinton off site ~1500 hours. Samples delivered to Test America by B. Sadowski on 10/19/07.

Report by: Brian Sadowski

Attachments: Pictures **Distribution:** Mike Hinton, Greg Sutton, file.


CAUTION
YOU ARE ENTERING
PATTON'S BUSY BEE
DISPOSAL SITE
#902014
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Sites as a Class 4 site
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from the Document Repository in the Town
of Alfred Town Hall or by calling the NYSDEC:
1-800-342-9296

Appendix B

Site Monitoring Well Historic Data

Table B-1
MW-101D Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Chloromethane	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Bromomethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Vinyl chloride (2.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Chloroethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	**0.47 J**	1.0 U			
Methylene chloride (5.0)	NS	NS	10U	0.2U	10 U	10 U	2.0U	10 U	NS	1.0 U	1.0 U			
Acetone *(50 guidance)*	NS	NS	10U	NA	**3 J**	10U	5.0U	10U	NS	5.0 U	**3.8 J**			
Carbon disulfide	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Chloroform (7.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
1,2-Dichloroethane (0.6)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
2-Butanone	NS	NS	10U	NA	**1 J**	10U	5.0U	10U	NS	5.0 U	5.0 U			
1,1,1-Trichloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Bromodichloromethane *(50 guidance)*	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
*cis-1,3-Dichloropropene (0.4)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Trichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Dibromochloromethane *(50 guidance)*	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Benzene (1.0)	NS	NS	10U	NA	**1 J**	**1 J**	**1.0**	10 U	NS	**1.2**	1.0 U			
*trans-1,3-Dichloropropene (0.4)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Bromoform *(50 guidance)*	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
4-Methyl-2-pentanone	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	NS	5.0 U	5.0 U			
2-Hexanone *(50 guidance)*	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	NS	5.0 U	5.0 U			
Tetrachloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Toluene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Chlorobenzene (5.0)	NS	NS	**4J**	**6.6**	**3 J**	**4J**	**6.0**	**6.0**	NS	**6.3**	**0.73 J**			
Ethylbenzene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Styrene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			

Table B -1 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Xylene, total (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	NS	3.0 U	3.0 U			
Dichlorodifluoromethane (5.0)	NS	NS	NA	**13**	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Trichlorofluoromethane (5.0)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NS	NS	NA	NA	10 U	10 U	10U	10 U	NS	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10U	1.0U	10U	NS	1.0 U	1.0 U			
Methyl tert-butyl ether	NS	NS	NA	NA	10 U	10 U	10U	10 U	NS	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Cyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	NS	1.0 U	1.0 U			
Methylcyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	NS	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NS	NS	NA	NA	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	NS	1.0 U	**0.41 J**			
1,4-Dichlorobenzene (3.0)	NS	NS	NA	**0.90**	10 U	10 U	**0.9J**	10 U	NS	**1.1**	1.0 U			
1,2-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NS	NS	NA	1.0U	10 U	10 U	1.0U	100U	NS	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NS	NS	NA	NA	10 U	10 U	1.0U	10 U	NS	1.0 U	1.0 U			
Methyl acetate	NS	NS	NA	NA	10 U	10 U	10U	10 U	NS	1.0 U	1.0 U			
Bromochloromethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA	NA			
Dibromomethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA	NA			
1,3-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA	NA			
2,2-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA	NA			
1,1-Dichloropropene (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA	NA			
Hexachlorobutadiene (0.50)	NS	NS	NA	0.4U	NA	NA	NA	NA	NS	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA	NA			
1,2,3-Trichloropropane (0.04)	NS	NS	NA	1.0U	NA	NA	NA	NA	NS	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Not Analyzed

Table B -1A
MW - 101D Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	NS	NS	424E*	43.6 B	213	32.5U	129B	18.4U	NS	200U	NS			
Antimony (3)	NS	NS	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	NS	20U	NS			
Arsenic (25)	NS	NS	6U	11.9	9.6 B	4.0B	11.5	4.9B	NS	10U	NS			
Barium (1000)	NS	NS	513	623 E	523	611	675	676	NS	750	NS			
Beryllium (3)	NS	NS	0.4U	0.50 U	1.0 U	0.20U	0.21B	0.19U	NS	2U	NS			
Cadmium (5)	NS	NS	0.7U	0.60 U	1.1 BN	0.33B	0.53B	0.34U	NS	1U	NS			
Calcium	NS	NS	120,000	135,000	122,000	124,000E	128,000	120,000	NS	129,000	NS			
Chromium (50)	NS	NS	2U	2.0 B	1.0 U	0.60U	0.90U	1.0B	NS	4U	NS			
Cobalt	NS	NS	2.6B	5.4 B	5.0 B	4.8B	4.0U	3.4B	NS	4U	NS			
Copper (200)	NS	NS	7.9B	1.7 B	14.9 B	6.3B	6.6B	3.8B	NS	10U	NS			
Iron (300)	NS	NS	**384***	**1,270**	**891**	270	**809N**	**443**	NS	**810**	NS			
Lead (25)	NS	NS	4.8	2.6 U	2.0 U	7.3	13.1	4.9	NS	5U	NS			
Magnesium (*35,000 guidance*)	NS	NS	70,600*	82,000 E	69,300	78,700	77,800	72,500	NS	79,100	NS			
Manganese (300)	NS	NS	**5,090**	**7,200 E**	**4,290**	**5,900**	**5,970**	**6,980**	NS	**7,400**	NS			
Mercury (0.7)	NS	NS	0.2U	0.15 U	0.072 U	0.115B	0.055U	0.087U	NS	0.2U	NS			
Nickel (100)	NS	NS	10B	9.1 B	9.8 B	9.0B	8.9B	7.2B	NS	10U	NS			
Potassium	NS	NS	10,900	11,900	12,400	11,400E	11,300	10,100	NS	11,400	NS			
Selenium (10)	NS	NS	5U	7.3	5.0 U	4.0U	4.4B	5.0U	NS	15U	NS			
Silver (50)	NS	NS	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	NS	3U	NS			
Sodium (20000)	NS	NS	**56,600**	**57,900**	**51,200**	**49,000**	**44,900**	**42,700**	NS	**45,500**	NS			
Thallium (*0.5 guidance*)	NS	NS	11.3	5.0 U	4.0 U	3.9U	3.8U	5.1U	NS	20U	NS			
Vanadium	NS	NS	1U	1.0 U	1.0 U	0.70U	0.91B	0.58U	NS	5U	NS			
Zinc (*2000 guidance*)	NS	NS	13.7B	8.0 B	16.3 B	4.5B	4.7B	1.9B	NS	10	NS			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards
NS - No Sample Collected

Table B - 2
MW - 101I Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Chloromethane	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromomethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Vinyl chloride (2.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylene chloride (5.0)	NS	NS	10U	0.2U	10 U	10 U	2.0U	10 U	1.0U	1.0 U	1.0 U			
Acetone *(50 guidance)*	NS	NS	10U	NA	2 J	1 J	5.0U	10 U	5.0U	5.0 U	**2.1 J**			
Carbon disulfide	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroform (7.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloroethane (0.6)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
2-Butanone	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
1,1,1-Trichloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromodichloromethane *(50 guidance)*	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*cis-1,3-Dichloropropene (0.4)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Dibromochloromethane *(50 guidance)*	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Benzene (1.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*trans-1,3-Dichloropropene (0.4)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromoform *(50 guidance)*	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
4-Methyl-2-pentanone	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
2-Hexanone *(50 guidance)*	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Tetrachloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Toluene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chlorobenzene (5.0)	NS	NS	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Ethylbenzene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Styrene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			

Table B - 2 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Xylene, total (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	3.0U	3.0 U	1.0 U			
Dichlorodifluoromethane (5.0)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	3.0 U			
Trichlorofluoromethane (5.0)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl tert-butyl ether	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Cyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
Methylcyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NS	NS	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,4-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NS	NS	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NS	NS	NA	NA	10 U	10 U	1.0U	3 10 U	1.0U	1.0 U	1.0 U			
Methyl acetate	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
Bromochloromethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	1.0U	NA	NA			
Dibromomethane (5.0)	NS	NS	NA	0.20U	NA	NA	NA	NA	NA	NA	NA			
1,3-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
2,2-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,1-Dichloropropene (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Hexachlorobutadiene (0.50)	NS	NS	NA	0.4U	NA	NA	NA	NA	NA	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,2,3-Trichloropropane (0.04)	NS	NS	NA	1.0U	NA	NA	NA	NA	NA	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Not Analyzed

Table B -2A
MW - 101I Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	NS	NS	NS	8500	61,300	NS	21,200	8730	22,200	23,900	51400			
Antimony (3)	NS	NS	NS	5.0 U	3.0 U	NS	4.1U	5.0U	20U	20U	20U			
Arsenic (25)	NS	NS	NS	6.9 B	**54.5**	NS	22.2	5.5B	12	16	**35**			
Barium (1000)	NS	NS	NS	175 BE	694	NS	273	173B	290	290	490			
Beryllium (3)	NS	NS	NS	0.57 B	**4.3 B**	NS	1.5B	0.19U	2U	2U	**3.7**			
Cadmium (5)	NS	NS	NS	0.60 U	1.0 UN	NS	0.30U	0.42B	2.7	1.0	2.1			
Calcium	NS	NS	NS	81,300 E	88,600	NS	82,300	81100	92300	89,400	101000			
Chromium (50)	NS	NS	NS	9.0 B	74.3	NS	23.2	7.5B	27	27	**58**			
Cobalt	NS	NS	NS	6.9 B	69.2	NS	21.7	6.8B	17	20	45			
Copper (200)	NS	NS	NS	13.8 B	175	NS	38.0	14.7B	90	38	75			
Iron (300)	NS	NS	NS	**9,190**	**131,000**	NS	**41,500N**	**12,300**	**34,800**	**39,700**	**91300**			
Lead (25)	NS	NS	NS	4.9	**48.1**	NS	14.3	4.7	18	15	**34**			
Magnesium (*35,000 guidance*)	NS	NS	NS	35,400 E	55,200	NS	41,800	36,200	44,200	45,600	56100			
Manganese (300)	NS	NS	NS	**564 E**	**2850**	NS	**920**	**486**	**790**	**750**	**1600**			
Mercury (0.7)	NS	NS	NS	0.15 U	0.072 U	NS	0.055U	0.087U	0.2U	0.2U	0.2U			
Nickel (100)	NS	NS	NS	9.6 B	**136**	NS	42.3	11.8B	40	40	88			
Potassium	NS	NS	NS	7,810	17,500	NS	10600	7720	13000	12,800	20700			
Selenium (10)	NS	NS	NS	5.0 U	9.7	NS	4.1B	5.0U	15U	15U	15U			
Silver (50)	NS	NS	NS	1.5 U	2.0 U	NS	0.70U	0.69U	3U	3U	3U			
Sodium (20000)	NS	NS	NS	6,700	7400	NS	6590	5880	7,200	6,600	6700			
Thallium (*0.5 guidance*)	NS	NS	NS	5.0 U	4.0 U	NS	5.0B	5.1U	20U	20U	20U			
Vanadium	NS	NS	NS	13.5 B	78.2	NS	26.8B	12.1B	31	31	69			
Zinc (*2000 guidance*)	NS	NS	NS	47.4	364	NS	100	27.9	160	99	210			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards
NS - No Sample Collected or insufficient volume

Table B - 3
MW - 102D Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromomethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U	1.0 U			
Acetone *(50 guidance)*	NA	10U	10U	NA	10 U	3J	5.0U	10 U	5.0U	5.0 U	5.0 U			
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroform (7.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
1,1,1-Trichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromodichloromethane *(50 guidance)*	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*cis-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Dibromochloromethane *(50 guidance)*	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Benzene (1.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*trans-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromoform *(50 guidance)*	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
2-Hexanone *(50 guidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Tetrachloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Toluene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Ethylbenzene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			

Table B - 3 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Xylene, total (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	10 U	3.0 U	1.0 U			
Dichlorodifluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	10 U	1.0 U	3.0 U			
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	10 U	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NA	NA	NA	NA	10 U	10 U	10U	10 U	10 U	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	10 U	1.0 U	1.0 U			
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	10U	10 U	10 U	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	10 U	1.0 U	1.0 U			
Cyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	10 U	1.0 U	1.0 U			
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	10 U	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10 U	10 U	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	10 U	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	10 U	1.0 U	1.0 U			
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	10 U	1.0 U	1.0 U			
1,2-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	10 U	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10 U	10 U	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	10 U	1.0 U	1.0 U			
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	10 U	1.0 U	1.0 U			
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	NA	NA	NA	NA	NA	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Not Analyzed

Table B -3A
MW - 102D Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/*guidance*)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Aluminum	1,600*	360	745E*	292	118	32.5U	358	104B	980	200U	450			
Antimony (3)	30.0U	**39.4B**	8U	**5.0 B**	3.0 U	5.4U	4.1U	5.0U	20U	20U	20U			
Arsenic (25)	30.6U	14.4	6U	3.4 U	4.0 U	4.0U	3.8B	2.6U	1U	10U	10U			
Barium (1000)	110	86.7B	88.3B	81.0 BE	86.7 B	88.1B	95.1	72.5B	98	84	88			
Beryllium (3)	0.30U	0.25B	0.4U	0.50 U	1.0 U	0.20U	0.18B	0.19U	2U	2U	2U			
Cadmium (5)	3.8U*	0.86B	3.2B	4.5 B	1.7 BN	1.8B	3.5B	7.5	6.8	1.2	3.8			
Calcium	44,700	38,400	44,000*	43,200 E	47,000	43,000E	45,900	41,400	47,800	45,400	45300			
Chromium (50)	3.1U	1.0B	2U	1.2 U	1.0 U	0.60U	0.90U	0.65U	10	4U	4U			
Cobalt	4.1U	2.9B	2U	1.0 U	1.0 U	0.50U	0.70U	0.86U	4U	4U	4U			
Copper (200)	9.2	12.0B	6.9B	5.8 B	1.1 B	2.4B	5.0B	3.2B	10U	10U	16			
Iron (300)	**1,900N**	**313**	**939***	249	72.1	150	**614N**	121	**2,000**	110	**640**			
Lead (25)	22.7U	1.7U	6.4	2.6 U	2.0 U	2.3U	1.6U	1.3U	5U	5U	5U			
Magnesium (*35,000 guidance*)	14,700	15,000	14,000*	14,500 E	15,100	14,200	15,500	14,000	15,700	16,100	14900			
Manganese (300)	37.2	8.5B	18.7	8.9 BE	2.8 B	7.0B	15.6	4.3B	45	4.8	13			
Mercury (0.7)	0.10U	0.10U	0.2U	0.15 U	0.072 U	0.110B	0.055U	0.087U	0.2U	0.2U	0.2U			
Nickel (100)	10.5U	2.8B	3.3B	1.5 U	1.5 U	1.0U	2.2B	2.0B	10U	10U	10U			
Potassium	2,620	2,390B	2,290	2,620 B	2,330 B	2,680BE	3,010B	2,700B	3,100	2,900	3600			
Selenium (10)	42.6U	1.5U	5U	5.0 U	5.0 U	4.0B	5.5B	5.0U	15U	15U	15U			
Silver (50)	5.0U	1.8B	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U	3U			
Sodium (20000)	3,940	3,180B	5,570	3,960 B	3,780 B	3,970B	4,410B	3,360B	4,000	4,100	3700			
Thallium	34.4	8.8B	9.9B	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U	20U			
Vanadium	4.6U*	3.3B	1U	1.0 U	1.0 U	0.70U	0.80U	0.58U	5U	5U	5U			
Zinc (*2000 guidance*)	11.0*	12.9B	27.4	12.6 B	2.0 U	9.8B	7.9B	2.6B	20U	10U	10U			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards

Table B - 4
MW - 103D Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromomethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U	1.0 U			
Acetone *(50 quidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroform (7.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.20U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
1,1,1-Trichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromodichloromethane *(50 quidance)*	1.0U	10U	10U	0.20U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*cis-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichloroethene (5.0)	**4.2**	**6J**	**5J**	**6.6**	**4 J**	**5J**	**7.0**	**4J**	**2.2**	**5.9**	**4.5**			
Dibromochloromethane *(50 quidance)*	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
Benzene (1.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
*trans-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
Bromoform *(50 guidance)*	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	5.0U	5.0U	5.0 U	5.0 U			
2-Hexanone *(50 quidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	5.0U	5.0U	5.0 U	5.0 U			
Tetrachloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
Toluene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
Ethylbenzene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			

Table B - 4 - continued

Parameter (GW Std/*guidance*)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Xylene, total (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	1.0U	3.0	3.0 U	3.0 U			
Dichlorodifluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10U	1.0U	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U	1.0 U			
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	10U	10U	1.0U	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	**12**	**15**	**16**	**20**	**8 J**	**14**	**9.0**	**6J**	**3.7**	**5.4**	**9.1**			
Cyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	NA	NA	NA	NA	NA	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Not Analyzed

Table B -4A
MW - 103D Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	10,500*	220	791E*	2470	293	32.5U	151B	37.1B	1700	200U	1500			
Antimony (3)	30.0U	35.9U	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	20U	20U	20U			
Arsenic (25)	30.6U	13.1	6U	3.4 U	4.0 U	4.0U	5.2B	2.6U	10U	10U	10U			
Barium (1000)	109	65.3B	49.9B	72.8 BE	59.1 B	67.9B	69.0	59.9B	42	57	70			
Beryllium (3)	0.30U	0.20B	0.4U	0.50 U	1.0 U	0.20U	0.10U	0.19U	20U	2U	2U			
Cadmium (5)	3.8U*	0.70U	0.7U	2.5 B	1.7 BN	0.44B	0.30U	0.34U	1.1	1U	2.3			
Calcium	20,800	24,400	17,700*	20,900 E	25,400	23,100E	24,100	29200	13200	23,200	20500			
Chromium (50)	11.6	0.83B	2U	1.8 B	1.0 U	0.60U	0.90U	0.65U	4.1	4U	4U			
Cobalt	8.2	2.3B	2U	1.5 B	1.0 U	0.50U	0.70U	0.86U	4U	4U	4U			
Copper (200)	22.1	5.5B	3.1B	4.0 B	1.0 U	0.82B	1.7U	1.3U	10	10U	10U			
Iron (300)	**13,200N**	**316**	**507***	**2,600**	**368**	**400**	**191N**	36.8B	**1800**	86	**1900**			
Lead (25)	22.7U	1.7U	3U	4.5	2.0 U	2.3U	1.6U	1.3U	5U	5U	5U			
Magnesium (*35,000 guidance*)	10,100	10,600	6,170*	7,550 E	9,080	8,540	8,790	11,300	5000	9,000	7800			
Manganese (300)	**509**	14.5B	8.9B	94.9 E	19.4	26.6	5.4B	3.2B	45	5.5	56			
Mercury (0.7)	0.10U	0.10U	0.2U	0.15 U	0.072 U	0.078B	0.055U	0.087U	0.2U	0.2U	0.2U			
Nickel (100)	22.9	2.8U	3.1B	2.8 B	1.5 U	1.0U	1.5B	1.2U	10U	10U	10U			
Potassium	5,180	1,920B	1,630B	2,590 B	1,970 B	1,930BE	1,980B	1820B	3600	2,400	2300			
Selenium (10)	**46.4**	1.5U	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U	15U			
Silver (50)	5.0U	0.92B	1U	1.5 U	2.0 U	0.67B	0.70U	0.69U	3U	3U	3U			
Sodium (20000)	4,370	3,510B	4,480B	4,140 B	4,160 B	3,930B	4,260B	3620B	2800	3,900	3300			
Thallium (*0.5 guidance*)	34.4U	5.0B	9U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U	20U			
Vanadium	19.2*	2.3U	1U	3.8 B	1.0 U	0.70U	0.80U	0.58U	5U	5U	5U			
Zinc (*2000 guidance*)	38.7*	13.4BE	2U	13.2 B	2.6 B	4.1U	6.9B	0.81U	20U	10U	10U			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards

Table B - 5
MW - 103I Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromomethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U	1.0 U			
Acetone *(50 quidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	1.0U	10U	10U	**0.23**	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroform (7.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
1,1,1-Trichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromodichloromethane *(50 quidance)*	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*cis-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichloroethene (5.0)	**9.1**	**8J**	**4J**	**9.2**	**7 J**	**4 J**	**9.0**	**6J**	1.0U	**7.5**	**5.7**			
Dibromochloromethane *(50 quidance)*	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Benzene (1.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*trans-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromoform *(50 guidance)*	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
2-Hexanone *(50 quidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Tetrachloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Toluene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Ethylbenzene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			

Table B - 5 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Xylene, total (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	3.0 U	3.0 U			
Dichlorodifluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	**18**	**22**	**15**	**28**	**15**	**12**	**11.0**	**8J**	1.0U	**6.4**	**12**			
Cyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10U	1.0U	1.0 U	1.0 U			
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10U	1.0U	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10U	1.0U	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10U	1.0U	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10U	1.0U	1.0 U	1.0 U			
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10U	1.0U	1.0 U	1.0 U			
1,2-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10U	1.0U	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100	1.0U	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10U	1.0U	1.0 U	1.0 U			
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10U	1.0U	1.0 U	1.0 U			
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	NA	NA	NA	NA	NA	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Not Analyzed

Table B -5A
MW - 103I Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	2,860*	424	3,640E*	780	620	1890	646	323	2000	200U	20800			
Antimony (3)	30.0U	**40.8B**	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	20U	20U	20U			
Arsenic (25)	30.6U	9.2B	6U	3.4 U	4.2 B	4.1B	3.3U	2.6U	10U	10U	25			
Barium (1000)	63	73.7B	67.1B	59.6 BE	65.1 B	98.9B	71.9B	83.2B	43	55	320			
Beryllium (3)	0.30U	0.28B	0.4U	0.50 U	1.0 U	0.20U	0.10U	0.19U	2U	2U	2U			
Cadmium (5)	3.8U*	4.0B	1.1B	2.0 B	2.4 BN	0.30U	3.3B	0.36B	1U	1U	1.5			
Calcium	13,800	24,900	14,100*	19,400 E	22,300	25,600E	23,200	30000	5400	22,800	20800			
Chromium (50)	3.1U	0.89B	3B	1.2 U	1.0 U	0.60U	0.90U	0.65U	10	4U	22			
Cobalt	4.1U	2.1B	2U	1.0 U	1.0 B	0.96B	0.70U	0.86U	4U	4U	18			
Copper (200)	8.7	8.0B	5.8B	1.3 B	6.1 B	1.9B	1.8B	1.7B	10U	10U	19			
Iron (300)	**3,240N**	**934**	**3,910***	**869**	**817**	**2,920**	**1,030N**	**258**	**2,300**	140	**34500**			
Lead (25)	22.7U	1.7U	3U	4.7	2.0 U	2.3U	1.6U	1.3U	5U	5U	16			
Magnesium (*35,000 guidance*)	4,280	9,980	4,440B*	5,970 E	6,710	8,250	7820	11300	1600	8,300	10700			
Manganese (300)	111	30.1	85.5	37.1 E	28.2	61	28.9	27.0	68	13	**1200**			
Mercury (0.7)	0.10U	0.10U	0.2U	0.15 U	0.072 U	0.122B	0.055U	0.087U	0.2U	0.2U	0.2U			
Nickel (100)	10.5U	2.8B	4.1B	1.5 U	1.8 B	2.0B	2.7B	1.2U	10U	10U	32			
Potassium	2,380	2,110B	2,430B	1,910 B	2,040 B	2,820BE	2,150B	1850B	2000	1,700	8900			
Selenium (10)	42.6U	1.5U	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U	15U			
Silver (50)	5.0U	0.83B	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U	3U			
Sodium (20000)	4,360	2,760B	5,570	4,290 B	4,490 B	3,910B	4,320B	3580B	1300	4,000	3800			
Thallium (*0.5 guidance*)	34.4U	7.2B	9U	5.0 U	4.0 U	3.0U	3.8U	5.1U	20U	20U	20U			
Vanadium	6.4*	2.3U	5.4B	1.1 B	1.0 U	2.8B	1.1B	0.58U	5U	5U	27			
Zinc (*2000 guidance*)	14.0*	21.1	9.4B	9.8 B	8.3 B	8.6B	3.6B	2.4B	20U	10U	66			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards

Table B - 6
MW - 104D Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Chloromethane	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Bromomethane (5.0)	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Vinyl chloride (2.0)	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Chloroethane (5.0)	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Methylene chloride (5.0)	NS	NS	NS	0.2U	NS	10 U	2.0U	10 U	NS	1.0 U	NS			
Acetone *(50 quidance)*	NS	NS	NS	NA	NS	10 U	5.0U	10 U	NS	5.0 U	NS			
Carbon disulfide	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,1-Dichloroethene (5.0)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,1-Dichloroethane (5.0)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Chloroform (7.0)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,2-Dichloroethane (0.6)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
2-Butanone	NS	NS	NS	NA	NS	10 U	5.0U	10 U	NS	5.0 U	NS			
1,1,1-Trichloroethane (5.0)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Carbon tetrachloride (5.0)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Bromodichloromethane *(50 quidance)*	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,2-Dichloropropane (1.0)	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
*cis-1,3-Dichloropropene (0.4)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Trichloroethene (5.0)	NS	NS	NS	0.2U	NS	10U	0.5J	10U	NS	1.0 U	NS			
Dibromochloromethane *(50 quidance)*	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,1,2-Trichloroethane (1.0)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Benzene (1.0)	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
*trans-1,3-Dichloropropene (0.4)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Bromoform *(50 guidance)*	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
4-Methyl-2-pentanone	NS	NS	NS	NA	NS	10 U	5.0U	10 U	NS	1.0 U	NS			
2-Hexanone *(50 quidance)*	NS	NS	NS	NA	NS	10 U	5.0U	10 U	NS	5.0 U	NS			
Tetrachloroethene (5.0)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Toluene (5.0)	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,1,2,2-Tetrachloroethane (5.0)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Chlorobenzene (5.0)	NS	NS	NS	0.4U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Ethylbenzene (5.0)	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Styrene (5.0)	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	1.0 U	NS			

Table B - 6 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Xylene, total (5.0)	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	3.0 U	NS			
Dichlorodifluoromethane (5.0)	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Trichlorofluoromethane (5.0)	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NS	NS	NS	NA	NS	10 U	10U	10 U	NS	1.0 U	NS			
trans -1,2-Dichloroethene (5.0)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Methyl tert-butyl ether	NS	NS	NS	NA	NS	10 U	10U	10 U	NS	1.0 U	NS			
cis-1,2-Dichloroethene (5.0)	NS	NS	NS	0.57	NS	1J	2.0	2J	NS	1.0 U	NS			
Cyclohexane	NS	NS	NS	NA	NS	10 U	10U	10 U	NS	1.0 U	NS			
Methylcyclohexane	NS	NS	NS	NA	NS	10 U	10U	10 U	NS	1.0 U	NS			
1,2-Dibromoethane (0.0006)	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Isopropyl benzene (5.0)	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,3-Dichlorobenzene (3.0)	NS	NS	NS	0.4U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,4-Dichlorobenzene (3.0)	NS	NS	NS	0.4U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,2-Dichlorobenzene (3.0)	NS	NS	NS	0.4U	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
1,2-Dibromo-3-chloropropane (0.04)	NS	NS	NS	1.0U	NS	10 U	1.0U	100U	NS	1.0 U	NS			
1,2,4-Trichlorobenzene (5.0)	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	1.0 U	NS			
Methyl acetate	NS	NS	NS	NA	NS	10 U	10U	10 U	NS	1.0 U	NS			
Bromochloromethane (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA	NS			
Dibromomethane (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA	NS			
1,3-Dichloropropane (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA	NS			
2,2-Dichloropropane (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA	NS			
1,1-Dichloropropene (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA	NS			
Hexachlorobutadiene (0.50)	NS	NS	NS	0.4U	NS	NA	NA	NA	NS	NA	NS			
1,1,1,2-Tetrachloroethane (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA	NS			
1,2,3-Trichloropropane (0.04)	NS	NS	NS	1.0U	NS	NA	NA	NA	NS	NA	NS			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Not Analyzed

Table B -6A
MW - 104D Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	NS	NS	NS	35,300	NS	32.5U	187B	114B	NS	200U	NS			
Antimony (3)	NS	NS	NS	8.0 B	NS	5.4U	4.1U	5.0B	NS	20U	NS			
Arsenic (25)	NS	NS	NS	32.7	NS	4.0U	3.3U	2.6U	NS	10U	NS			
Barium (1000)	NS	NS	NS	334 E	NS	76.9B	67.8B	49.4B	NS	50	NS			
Beryllium (3)	NS	NS	NS	2.3 B	NS	0.20U	0.13B	0.19U	NS	2U	NS			
Cadmium (5)	NS	NS	NS	0.60 U	NS	0.30U	0.77B	1.3B	NS	2.2	NS			
Calcium	NS	NS	NS	53,900 E	NS	51,300E	52,800	46600	NS	49,900	NS			
Chromium (50)	NS	NS	NS	41.1	NS	0.60U	0.90U	0.65U	NS	4U	NS			
Cobalt	NS	NS	NS	36.8 B	NS	0.50U	0.70U	0.86U	NS	4U	NS			
Copper (200)	NS	NS	NS	57.1	NS	2.9B	5.7B	5.3B	NS	4U	NS			
Iron (300)	NS	NS	NS	62,000	NS	146	175	147	NS	88	NS			
Lead (25)	NS	NS	NS	59.7	NS	2.3U	1.6U	1.3U	NS	5U	NS			
Magnesium (*35,000 guidance*)	NS	NS	NS	38,900 E	NS	31,100	25,300	21,800	NS	25,000	NS			
Manganese (300)	NS	NS	NS	1,090 E	NS	4.4B	3.7B	8.8B	NS	3.2	NS			
Mercury (0.7)	NS	NS	NS	0.15 U	NS	0.065U	0.055U	0.087U	NS	0.2U	NS			
Nickel (100)	NS	NS	NS	57.7	NS	1.0U	1.3B	1.2U	NS	10U	NS			
Potassium	NS	NS	NS	14,000	NS	3,640BE	3,300B	2610B	NS	3,000	NS			
Selenium (10)	NS	NS	NS	9.1	NS	4.0U	3.3B	5.0U	NS	15U	NS			
Silver (50)	NS	NS	NS	1.5 U	NS	0.50U	0.70U	0.69U	NS	3U	NS			
Sodium (20000)	NS	NS	NS	5,480	NS	4,950	5,300	4510B	NS	5,300	NS			
Thallium (*0.5 guidance*)	NS	NS	NS	5.0 U	NS	3.9U	3.8U	5.1U	NS	20U	NS			
Vanadium	NS	NS	NS	47.6 B	NS	0.70U	0.80U	0.58U	NS	5U	NS			
Zinc (*2000 guidance*)	NS	NS	NS	145	NS	5.5B	2.0B	1.6B	NS	18	NS			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards
NS - No Sample Collected or insufficient volume

Table B - 7
MW - 104I Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Chloromethane	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromomethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Vinyl chloride (2.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylene chloride (5.0)	NS	NS	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U	1.0 U			
Acetone (50 guidance)	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Carbon disulfide	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroform (7.0)	NS	NS	10U	0.64	10 U	10 U	1.0U	10 U	**1.3**	**1.1**	**0.55 J**			
1,2-Dichloroethane (0.6)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
2-Butanone	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
1,1,1-Trichloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromodichloromethane (50 guidance)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*cis-1,3-Dichloropropene (0.4)	NS	NS	10U	0.20U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichloroethene (5.0)	NS	NS	**4J**	**5.0**	**3 J**	**4 J**	**4.0**	**7J**	**3.4**	**3.6**	**5.2**			
Dibromochloromethane (50 guidance)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Benzene (1.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*trans-1,3-Dichloropropene (0.4)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromoform (50 guidance)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
4-Methyl-2-pentanone	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U	1.0 U			
2-Hexanone (50 guidance)	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Tetrachloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Toluene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chlorobenzene (5.0)	NS	NS	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Ethylbenzene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Styrene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			

Table B - 7 - continued

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Xylene, total (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	3.0 U	3.0 U			
Dichlorodifluoromethane (5.0)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichlorofluoromethane (5.0)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NS	NS	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl tert-butyl ether	NS	NS	NA	NA	10 U	10U	10U	10U	1.0U	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	NS	NS	**5J**	**15**	**10**	**15**	**2.0**	**10**	**2.9**	**2.2**	**2.2**			
Cyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
Methylcyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NS	NS	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,4-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NS	NS	NA	1.0U	10 U	10 U	1.0U	100	1.0U	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NS	NS	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl acetate	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
Bromochloromethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	1.0U	NA	NA			
Dibromomethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,3-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
2,2-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,1-Dichloropropene (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Hexachlorobutadiene (0.50)	NS	NS	NA	0.4U	NA	NA	NA	NA	NA	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,2,3-Trichloropropane (0.04)	NS	NS	NA	1.0U	NA	NA	NA	NA	NA	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Not Analyzed

Table B -7A
MW - 104I Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/guidance)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	NS	NS	531E*	3,960	572	2610	1,620	133B	900	330	6200			
Antimony (3)	NS	NS	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	20U	20U	20U			
Arsenic (25)	NS	NS	6U	3.4 U	4.0 U	11.2	6.3B	2.6U	10U	10U	10U			
Barium (1000)	NS	NS	40.4B	109 BE	65.9 B	112B	51.2	60.7B	36	26	130			
Beryllium (3)	NS	NS	0.4U	0.50 U	1.0 U	0.27B	0.19B	0.19U	2U	2U	2U			
Cadmium (5)	NS	NS	0.7U	0.60 U	1.4 BN	0.30B	0.59B	0.37B	1.9	1.4	2.7			
Calcium	NS	NS	14,800*	35,300 E	46,400	48,100E	9,530	23700	9400	7,500	29000			
Chromium (50)	NS	NS	2U	3.8 B	1.0 U	1.8B	1.6B	0.65U	4U	4U	16			
Cobalt	NS	NS	2U	2.3 B	1.0 U	2.9B	1.7B	0.86U	4U	4U	4U			
Copper (200)	NS	NS	2.8B	6.7 B	6.2 B	4.2B	2.9B	1.5B	10U	10U	10U			
Iron (300)	NS	NS	**452***	**3,790**	**812**	**4,990**	**2,820N**	136	**1200**	**410**	**7700**			
Lead (25)	NS	NS	3U	6.7	2.0 U	2.3U	1.6U	1.3U	5U	5U	5.9			
Magnesium (35,000 guidance)	NS	NS	3,730B*	8,910 E	12,400	12,200	3,040B	5470	2600	2,400	8200			
Manganese (300)	NS	NS	9.1B	98.6 E	15.3	114	54.0	7.8B	27	12	150			
Mercury (0.7)	NS	NS	0.2U	0.15 U	0.072 U	0.065U	0.055U	0.087U	0.2U	0.2U	0.2U			
Nickel (100)	NS	NS	2U	4.2 B	1.6 B	5.1B	4.4B	1.2U	10U	10U	10U			
Potassium	NS	NS	1,340B	3,260 B	2,220	3,000BE	1,860B	1370B	1400	1,000	3900			
Selenium (10)	NS	NS	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U	15U			
Silver (50)	NS	NS	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U	3U			
Sodium (20000)	NS	NS	9,070	8,690	7,070	7,610	7,690	6940	6400	6,500	6700			
Thallium (0.5 guidance)	NS	NS	9U	5.0 U	4.0 U	5.7B	3.8U	5.1U	20U	20U	20U			
Vanadium	NS	NS	1U	6.6 B	1.1 B	4.4B	2.2B	0.58U	5U	5U	9.2			
Zinc (2000 guidance)	NS	NS	13.2B	71.1	9.9 B	16.7B	8.5B	1.6B	20	10U	19			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards
NS - No Sample Collected

Table B - 8
MW - 107IR Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Bromomethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Chloroethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U	NS			
Acetone (50 guidance)	NA	**5J**	**68**	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	NS			
Carbon disulfide	NA	10U	**2J**	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,1-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Chloroform (7.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	NS			
1,1,1-Trichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Bromodichloromethane (50 guidance)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
*cis-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Trichloroethene (5.0)	1.0U	10U	**4J**	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Dibromochloromethane (50 guidance)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Benzene (1.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
*trans-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Bromoform (50 guidance)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U	NS			
2-Hexanone (50 guidance)	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	NS			
Tetrachloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Toluene (5.0)	1.0U	10U	**2J**	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,1,2,2-Tetrachloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Ethylbenzene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			

Table B - 8 - continued

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Xylene, total (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	3.0U	3.0 U	NS			
Dichlorodifluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	NS			
trans -1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	NS			
cis-1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Cyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	NS			
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	NS			
1,2-Dibromoethane (0.0006)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,3-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,2-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	1.0 U	NS			
1,2,4-Trichlorobenzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	NS			
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	NS			
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NS			
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NS			
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NS			
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NS			
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NS			
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA	NS			
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NS			
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	NA	NA	NA	NA	NA	NA	NS			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Not Analyzed

Table B -8A
MW - 107IR Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/guidance)	**1997**	**1998** **10/1**	**12/29**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	6,740*	25,200	21,600	2,730	352,000	164,000	135,000	20,500	2430	28400	8,700	NS			
Antimony (3)	30.0U	**43.5B**	60U	6UN	**36.2 B**	3.0 U	**15.0B**	4.1U	5.0U	20U	20U	NS			
Arsenic (25)	30.6U	**110**	**46**	4UN	**207**	**95.3**	**78.2**	17.2	4.1B	16	10U	NS			
Barium (1000)	139	567	544	108B	**2,750 E**	**1450**	**1240**	265	241	320	160	NS			
Beryllium (3)	0.30U	1.3B	5U	1U	**19.6**	**7.8**	**6.2**	1.2B	0.19U	2U	2U	NS			
Cadmium (5)	3.8U	0.70U	5.0U	1U	2.2 B	1.0 UN	0.30U	0.30U	0.66B	4.5	1U	NS			
Calcium	51,400	41,300	40,400	62,800	112,000	101,000	84,800E	59,400	62100	68200	61,900	NS			
Chromium (50)	29.0	49	42.7	14.7	**534**	**279**	**215**	32.4	2.7B	42	13	NS			
Cobalt	8.2	63.8	50.5	16.8B	312	153	128	17.5B	16.7B	23	7.1	NS			
Copper (200)	15.1	55.3	51	6.1B	**421**	**219**	160	19.9B	17.8B	81	10U	NS			
Iron (300)	**10,700N**	**62,600**	**51,300**	**6,370**	**791,000**	**344,000**	**284,000**	**37,600N**	**6000**	**45600**	**12,800**	NS			
Lead (25)	22.7U	**60.6**	**62.9**	3U	**319**	**144**	**146**	**28.6**	**34.4**	**52**	14	NS			
Magnesium (35,000	12,400	21,500	20,700	15,800	157,000	84,400	72,800	21,400	16700	25800	14,800	NS			
Manganese (300)	**2,930**	**6,030**	**7,390**	**1,220**	**9,770 E**	**4,570**	**3,700**	**533**	**840**	**790**	**310**	NS			
Mercury (0.7)	0.10U	0.10U	0.30U	0.1U	0.23 B	0.072 U	0.242B	0.055U	0.087U	0.2U	0.2U	NS			
Nickel (100)	30.2	83	68.8	**135**	**706**	**360**	**300**	41.4	10.1B	54	15	NS			
Potassium	4,270	5,400	6,390	10,400	55,200	30,400	22,600E	9,170	3870B	12200	6,100	NS			
Selenium (10)	**46.9**	1.5UW	5U	5UN	**28.7**	**17.6**	6.0	4.3B	5.0U	15U	15U	NS			
Silver (50)	5.0U	2.6B	10U	1U	1.5 U	2.0 U	0.50B	0.70U	0.69U	3U	3U	NS			
Sodium (20000)	6,080	6,720	10,100	19,200	12,700	11,900	8,430	7,310	6260	7800	7,200	NS			
Thallium (0.5 guidance)	34.4U	5.3B	10U	10U	36.0	5.0 B	3.9U	4.6B	5.1U	20U	20U	NS			
Vanadium	11.3*	30.5B	50U	2U	411	187	156	26.5	4.6B	38	12	NS			
Zinc (2000 guidance)	33.0*	189	254	28.4	1,470	777	631	83.9	17.6B	290	33	NS			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards

Table B - 9
MW - 107SR Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Chloromethane	2.0U	5U	**2J**	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromomethane (5.0)	2.0U	5U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Vinyl chloride (2.0)	2.0U	5U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroethane (5.0)	2.0U	5U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylene chloride (5.0)	4.0U	5U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U	1.0 U			
Acetone (50 guidance)	NA	**8.2J**	**6J**	NA	**4 J**	10U	5.0U	10U	5.0U	5.0 U	**6.8**			
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroform (7.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloroethane (0.6)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	**1.8 J**			
1,1,1-Trichloroethane (5.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromodichloromethane (50 guidance)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	1.0U	5U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*cis-1,3-Dichloropropene (0.4)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichloroethene (5.0)	1.0U	5U	**4J**	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Dibromochloromethane (50 guidance)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Benzene (1.0)	NR	5U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*trans-1,3-Dichloropropene (0.4)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromoform (50 guidance)	1.0U	5U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
4-Methyl-2-pentanone	NA	5U	10U	NA	10 U	10 U	5.0U	2J	5.0U	1.0 U	1.0 U			
2-Hexanone (50 guidance)	NA	5U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Tetrachloroethene (5.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Toluene (5.0)	NR	5U	**2J**	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chlorobenzene (5.0)	1.0U	5U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Ethylbenzene (5.0)	NR	5U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Styrene (5.0)	NA	5U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			

Table B - 9 - continued

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Xylene, total (5.0)	NR	5U	10U	NA	10 U	10 U	1.0U	10 U	3.0U	3.0 U	3.0 U			
Dichlorodifluoromethane (5.0)	1.1	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Cyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	1.0 U			
Bromochloromethane (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA	NA			
Dibromomethane (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA	NA			
1,3-Dichloropropane (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA	NA			
2,2-Dichloropropane (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA	NA			
1,1-Dichloropropene (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA	NA			
Hexachlorobutadiene (0.50)	NA	NA	NA	0.40U	NA	NA	NA	NA	NA	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA	NA			
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	NA	NA	NA	NA	NA	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
X - Questionable, not confirmed by second column analysis
NS - No sample collected
NA- Not Analyzed

Table B -9A
MW - 107SR Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/guidance)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	NS	NR	15,900	41,900	116,000	58,900	881	113B	200U	1,400	6400			
Antimony (3)	NS	NR	6UN	**5.8 B**	3.0U	**8.6B**	4.1U	5.0U	20U	20U	20U			
Arsenic (25)	NS	10.8	9.9BN	**34.2**	**110**	**36.5**	3.3U	2.6U	10U	10U	10U			
Barium (1000)	NS	NR	326	410 E	**1230**	408	38.9B	41.3B	40	43	150			
Beryllium (3)	NS	NR	1U	2.8 B	**6.3**	2.8B	0.14B	0.19U	2U	2U	2U			
Cadmium (5)	NS	NR	1U	0.60 U	1.0 UN	**11.9**	0.72B	0.34U	1U	1.1	1.7			
Calcium	NS	NR	69,400	54,100 E	190,000	274,000E	20,500	33400	29000	20,500	77000			
Chromium (50)	NS	NR	**83.1**	45.7	**133**	**71.9**	0.90U	0.65U	4U	4U	7.3			
Cobalt	NS	NR	18.9B	26.4 B	93.3	32.6B	0.88B	0.86U	4U	4U	4			
Copper (200)	NS	NR	25.4	48.2	**222**	97.7	2.9B	2.3B	10U	10U	10U			
Iron (300)	NS	NR	**31,400**	**64,000**	**216,000**	**76,000**	**1,220N**	171	98	**1,700**	**7400**			
Lead (25)	NS	NR	12.3	20.3	**80.5**	**42.2**	1.6U	1.3U	5U	5U	5U			
Magnesium (35,000	NS	NR	12,900	18,000 E	50,900	31,100	5,060	7590	7200	5,800	14800			
Manganese (300)	NS	NR	**1,300**	**1,270 E**	**6,050**	**2,340**	211	681	230	**560**	**670**			
Mercury (0.7)	NS	NR	0.1U	0.15 U	0.072 U	0.087B	0.055U	0.087U	0.2U	0.2U	0.2U			
Nickel (100)	NS	NR	33.3B	52.2	**187**	67.9	4.2B	3.8B	10U	10U	10U			
Potassium	NS	NR	9,940	14,200	17,400	7,670E	1,530B	1280B	1300	1,600	4400			
Selenium (10)	NS	NR	6N	5.0 U	**13.5**	4.0U	2.8U	5.0U	15U	15U	15U			
Silver (50)	NS	NR	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U	3U			
Sodium (20000)	NS	NR	10,600	5,430	5,690	5,250	5,660	8860	10,100	9,000	8600			
Thallium (0.5 guidance)	NS	NR	10U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U	20U			
Vanadium	NS	NR	17.8	60.1	144	75.8	1.4B	0.71B	5U	5U	9.8			
Zinc (2000 guidance)	NS	NR	127	142	743	443	6.2B	1.8B	20U	10U	19			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards
NS - No Sample Collected
NR - Result not reported

Table B - 10
MW - 108D Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromomethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U	1.0 U			
Acetone (50 guidance)	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	1.0U	10U	10U	0.2UU	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2UU	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroform (7.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
1,1,1-Trichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromodichloromethane (50 guidance)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*cis-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Dibromochloromethane (50 guidance)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Benzene (1.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*trans-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromoform (50 guidance)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U	1.0 U			
2-Hexanone (50 guidance)	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Tetrachloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Toluene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Ethylbenzene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			

Table B - 10 - continued

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Xylene, total (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	3.0 U	3.0 U			
Dichlorodifluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Cyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	1.0 U			
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	NA	NA	NA	NA	NA	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Not Analyzed

Table B -10A
MW - 108D Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/guidance)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	2,230*	13,700	1,070E*	303	407	32.5U	757	111B	1000	600	1100			
Antimony (3)	30.0U	35.9U	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	20U	20U	20U			
Arsenic (25)	30.6U	**53**	6U	3.4 U	4.0 U	4.0U	6.0B	2.6U	10U	10U	10U			
Barium (1000)	175	284	118B	102 BE	92.2	138B	154B	121B	140	130	130			
Beryllium (3)	0.30U	0.86B	0.63B	0.50 U	1.0 U	0.20U	0.21B	0.19U	2U	2U	2U			
Cadmium (5)	3.8U*	0.70U	1.1B	0.76 B	1.0 UN	0.30U	0.68B	0.79U	4.9	1U	1.2			
Calcium	28,600	31,000	25,700*	20,900 E	17,200	32,000E	32,500	30200	40,700	28,300	31700			
Chromium (50)	7.2	19.7	2B	1.2 U	1.0 U	0.60U	1.5B	0.65U	13	4U	4U			
Cobalt	4.1U	16.1B	2U	1.0 U	1.0 U	0.50U	0.98B	0.86U	4U	4U	4U			
Copper (200)	11.0	25.5	6.1B	2.9 B	4.2 B	0.97B	5.1B	2.1B	42	10U	24			
Iron (300)	**5,560N**	**35,000**	**2,030***	**915**	**1,530**	**510**	**2780N**	**660**	**4,800**	**1,900**	**1700**			
Lead (25)	22.7U	11.5	3.4	2.6 U	2.4 B	2.3U	1.6U	1.3U	6.8	5U	5U			
Magnesium (35,000	10,500	15,700	11,200*	12,000 E	13,300	14,700	13,200	12700	18,200	12,100	13400			
Manganese (300)	**345**	**790**	211	164 E	96.9	239	**336**	291	**380**	300	290			
Mercury (0.7)	0.10U	0.10U	0.2U	0.15 U	0.072 U	0.065U	0.055U	0.087U	0.2U	0.2U	0.2U			
Nickel (100)	10.5U	31.0B	2.8B	1.5 U	3.2 B	1.0U	3.0B	1.4B	10U	10U	10U			
Potassium	3,150	4,960B	2,540B	2,660 B	2,950 B	2,610BE	2,660B	2,200B	5,900	2,500	4400			
Selenium (10)	42.6U	1.5U	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U	15U			
Silver (50)	5.0U	0.89B	1U	1.5 U	2.0 U	0.58B	0.70U	0.69U	3U	3U	3U			
Sodium (20000)	4,890	5,180	5,770	3,910 B	4,320 B	3,760B	4,010B	3400B	4100	3,800	3900			
Thallium (0.5 guidance)	34.4U	18.5	9U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U	20U			
Vanadium	4.7*	17.0B	2.8B	1.0 U	1.0 U	0.70U	1.3B	0.58U	5U	5U	5U			
Zinc (2000 guidance)	38.7*	85.5	10B	15.8 B	17.8 B	7.3B	10.1B	6.0U	42	25	10U			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards

Table B - 11
MW - 108I Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromomethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U	1.0 U			
Acetone (50 guidance)	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroform (7.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
1,1,1-Trichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromodichloromethane (50 guidance)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*cis-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Dibromochloromethane (50 guidance)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Benzene (1.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*trans-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromoform (50 guidance)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U	5.0 U			
2-Hexanone (50 guidance)	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Tetrachloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Toluene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Ethylbenzene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			

Table B - 11 - continued

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Xylene, total (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	3.0 U	3.0 U			
Dichlorodifluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Cyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	1.0 U			
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	NA	NA	NA	NA	NA	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Compound not analyzed for

Table B -11A
MW - 108I Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/guidance)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	10,300*	2,880E*	3,160E*	382	1290	2750	1,470	462	2000	920	570			
Antimony (3)	30.0U	**49.1BN**	8U	5.0 U	3.0 U	**7.7B**	4.1U	5.0U	20U	20U	20U			
Arsenic (25)	30.6U	**72.6**	6U	3.4 U	5.3 B	4.0U	4.7B	2.6U	10U	10U	10U			
Barium (1000)	134	197B	73.5B	60.8 BE	75.7 B	89.7B	104B	69.4B	81	68	68			
Beryllium (3)	0.55	1.2B	0.4U	0.50 U	1.0 U	0.32B	0.21B	0.19U	2U	2U	2U			
Cadmium (5)	3.8U*	1.0B	4.2B	0.60 U	1.0 UN	0.40B	1.0B	0.49B	1U	1U	1U			
Calcium	48,500	27,800	34700*	33,300 E	35,100	37,700E	30,200	29400	37,600	38,500	39100			
Chromium (50)	41.0	8.9B	3B	1.2 U	3.0 B	3.2B	2.2B	0.65U	4U	4U	4U			
Cobalt	5.7	4.8B	2U	1.0 U	1.6 B	2.4B	1.4B	0.86U	4U	4U	4U			
Copper (200)	17.2	12.3B	5.9B	2.3 B	5.2 B	4.0B	2.1B	1.9B	10U	10U	16			
Iron (300)	**15,400N**	**32,600**	**2,850***	**408**	**2,860**	**5,280**	**2,600N**	**509**	**1900**	**1,200**	**870**			
Lead (25)	22.7U	10.0	3U	2.6 U	2.0 U	2.3U	1.6U	1.3U	5U	5U	5U			
Magnesium (35,000	21,200	21,800	16800*	17,600 E	17,600	17,800	12,100	13900	19,600	22,600	22000			
Manganese (300)	**374**	243	127	8.8 BE	60.4	88.1	51.7	13.7B	34	27	18			
Mercury (0.7)	0.10U	0.10U	0.2U	0.15 U	0.072 U	0.078B	0.055U	0.087U	0.2U	0.2U	0.2U			
Nickel (100)	37.7	9.7B	4.9B	1.5 U	5.9 B	5.0B	3.8B	1.2U	10U	10U	10U			
Potassium	7,180	8,610	4,450B	3,290 B	3,840 B	4,350BE	3,270B	2830B	410	3,600	5000			
Selenium (10)	42.6U	1.5U	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U	15U			
Silver (50)	5.0U	2.6B	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U	3U			
Sodium (20000)	3,930	3,820B	4,320B	3,300 B	3,670 B	3,430B	3,470B	3150B	3500	3,600	3800			
Thallium (0.5 guidance)	38.4	29.7	9U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U	20U			
Vanadium	17.4*	3.9B	3.1B	1.0 U	1.9 B	3.9B	1.9B	0.67B	5U	5U	5U			
Zinc (2000 guidance)	74.6*	126E	13.5B	11.3 B	17.1 B	13.4B	8.3B	2.8B	20	10U	10U			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards

Table B - 12
MW - 109 Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	20032	2004	2005	2006	2007			
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromomethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	1.0U	1.0 U	1.0 U			
Acetone (50 guidance)	NA	10U	10U	NA	10 U	**2J**	**7.0**	10 U	5.0U	5.0 U	**1.8 J**			
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroform (7.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
1,1,1-Trichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromodichloromethane (50 guidance)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*cis-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Dibromochloromethane (50 guidance)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Benzene (1.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*trans-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromoform (50 guidance)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U	5.0 U			
2-Hexanone (50 guidance)	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Tetrachloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Toluene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Ethylbenzene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			

Table B - 12 - continued

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Xylene, total (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	3.0U	3.0 U	3.0 U			
Dichlorodifluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Cyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl acetate	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	NA	NA	NA	NA	NA	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Compound not analyzed for

Table B -12A
MW - 109 Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/guidance)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	314*	383	136BE*	119 B	151	32.5U	205	18.4U	1300	3,200	670			
Antimony (3)	30.0U	35.9U	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	20U	20U	20U			
Arsenic (25)	30.6U	6.6B	6U	3.4 U	4.0 U	4.0U	3.9B	2.6U	10U	10U	10U			
Barium (1000)	116	124B	59.1B	81.2 BE	65.6 B	150B	107B	86.2B	180	220	140			
Beryllium (3)	0.30U	0.76B	0.4U	0.50 U	1.0 U	0.20U	0.12B	0.19U	2U	2U	2U			
Cadmium (5)	3.8U*	0.70U	0.7U	0.60 U	1.0 UN	0.30U	1.3B	0.34U	1U	2	1.7			
Calcium	32,900	33,200	16,800*	23,900 E	19,100	34,000E	27,600	22100	31800	52,900	28600			
Chromium (50)	3.1U	9.2B	2.6B	1.2 U	1.0 U	0.60U	1.9B	0.65U	4.1	11	5			
Cobalt	4.1U	4.1B	2U	1.0 U	1.0 U	0.76B	1.8B	0.86U	4U	4U	4U			
Copper (200)	8.5	5.3B	2.7B	3.2 B	1.0 U	2.6B	14.4B	6.3B	10U	130	44			
Iron (300)	**8,640N**	**4,120**	**1,630***	**1,110**	**2,570**	**2,920**	**2,290N**	**513**	**11,900**	**23,600**	**4700**			
Lead (25)	22.7U	1.7U	3U	2.6 U	2.0 U	2.3U	1.6U	1.3U	5U	5U	5U			
Magnesium (35,000	8,720	10,300	6,400*	9,090 E	9,340	12,100	11,700	10,100	12,900	13,500	10200			
Manganese (300)	290	**344**	81.6	98.5 E	82.9	271	167	146	350	**750**	210			
Mercury (0.7)	0.10U	0.10U	0.2U	0.15 U	0.072 U	0.080B	0.055U	0.087U	0.2U	0.2U	0.2U			
Nickel (100)	10.5U	9.3B	2U	1.6 B	1.5 U	1.0U	4.9B	1.4B	10U	11	10U			
Potassium	2,150	2,410B	2,110B	2,560 B	2,780 B	3,180BE	3,200B	2230B	3200	8,800	4800			
Selenium (10)	42.6U	1.5U	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U	15U			
Silver (50)	5.0U	1.9B	1U	1.5 U	2.0 U	0.54B	0.70U	0.69U	3U	3U	3U			
Sodium (20000)	4,390	3,280B	4,490B	3,900 B	4,120 B	3,810B	4,070B	3340B	3600	4,400	3700			
Thallium (0.5 guidance)	34.4U	5.4B	9U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U	20U			
Vanadium	4.6U*	2.3U	1U	1.0 U	1.0 U	0.70U	0.80U	0.58U	5U	5U	5U			
Zinc (2000 guidance)	12.4*	159	8.9B	12.2 B	4.4 B	4.1B	13.3B	3.1B	20U	48	27			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards

Table B - 13
MW - 113 Historic Data
Volatile Organic Compounds
(ug/l)

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromomethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroethane (5.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	1.0U	1.0 U	1.0 U			
Acetone (50 guidance)	NA	**5J**	10U	NA	**2 J**	**7J**	**6.0**	10 U	5.0U	5.0 U	**9.5**			
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chloroform (7.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	**2.0 J**			
1,1,1-Trichloroethane (5.0)	NR	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromodichloromethane (50 guidance)	1.0U	10U	10U	0.20U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	**0.48 J**			
*cis-1,3-Dichloropropene (0.4)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Trichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Dibromochloromethane (50 guidance)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Benzene (1.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
*trans-1,3-Dichloropropene (0.4)	NR	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromoform (50 guidance)	NR	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U	5.0 U			
2-Hexanone (50 guidance)	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U	5.0 U			
Tetrachloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Toluene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2,2-Tetrachloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Ethylbenzene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			

Table B - 13 - continued

Parameter (GW Std/guidance)	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007			
Xylene, total (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	3.0U	3.0 U	1.0 U			
Dichlorodifluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	3.0 U			
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U	1.0 U			
trans -1,2-Dichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
cis-1,2-Dichloroethene (5.0)	NR	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Cyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromoethane (0.0006)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,3-Dichlorobenzene (3.0)	NR	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,4-Dichlorobenzene (3.0)	NR	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dichlorobenzene (3.0)	NR	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100J	1.0U	1.0 U	1.0 U			
1,2,4-Trichlorobenzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Methyl acetate	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U	1.0 U			
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA	NA			
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA	NA			
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	NA	NA	NA	NA	NA	NA	NA			

U- compound not detected at indicated detection limit
J - compound detected below sample quantitation limit
Shaded areas indicate exceedence of NYSDEC groundwater standards
italics indicates guidance value
* cis-1,3-dichloropropene and trans-1,3-dichloropropene total not to exceed 0.40 ug/l
NS - No sample collected
NA- Not Analyzed
NR - Result not reported

Table B -13A
MW - 113 Historic Data
Inorganic Compounds
(ug/l)

Parameter (std/guidance)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**			
Aluminum	NS	23,600	11,600E*	19,400	3,520	17,000	13,900	3280	27,900	7,700	NS			
Antimony (3)	NS	35.9U	8U	**5.2 B**	3.0 U	**6.5B**	4.1U	5.0U	20U	20U	NS			
Arsenic (25)	NS	**75.0**	6.8B	17.3	8.4 B	**29.5**	23.6	4.4B	30	10U	NS			
Barium (1000)	NS	115B	104B	166 BE	56.3	214	151B	77.5B	250	79	NS			
Beryllium (3)	NS	1.3B	0.4U	1.2 B	1.0 U	0.95B	0.87B	0.19U	2U	2U	NS			
Cadmium (5)	NS	0.70U	0.73B	2.5 B	1.0 UN	0.30U	0.30U	0.34U	2.1	1U	NS			
Calcium	NS	54,300	52,600*	67,100 E	62,000	61,000E	60,200	55,500	66,600	55,300	NS			
Chromium (50)	NS	38.5	14.1	28.0	3.4 B	26.9	17.6	2.7B	49	11	NS			
Cobalt	NS	36.2	6.7B	19.2 B	7.4 B	17.8B	14.7	8.7B	23	7.5	NS			
Copper (200)	NS	79.8	41.8	109	14.9 B	45.4	28.9	14.5B	100	12	NS			
Iron (300)	NS	**54,700**	**19,600***	**43,700**	**9,140**	**40,800**	**29,000N**	**6070**	**49,200**	**13,500**	NS			
Lead (25)	NS	34.7	8.6	**31.0**	8.1	**25.3**	15.9	11.0	30	8.6	NS			
Magnesium (35,000	NS	28,600	20,400*	26,600 E	25,200	25,300	26,100	22,500	29,200	24,700	NS			
Manganese (300)	NS	**986**	**479**	**1210 E**	**325**	**910**	**702**	**499**	**1400**	**410**	NS			
Mercury (0.7)	NS	0.10U	0.2U	0.15 U	0.072 U	0.187B	0.055U	0.087U	0.2	0.2U	NS			
Nickel (100)	NS	59.5	20.6B	42.3	15.0 B	45.5	30.7B	6.4B	57	14	NS			
Potassium	NS	5,430	7,620	12,900	7,690	9,110E	7,260	3900B	12,500	5,400	NS			
Selenium (10)	NS	1.5UW	5U	5.0 U	5.0 U	4.0B	2.8U	5.0U	15U	15U	NS			
Silver (50)	NS	1.4B	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U	NS			
Sodium (20000)	NS	6,350	7,500	5,550	5,200	4,660B	4,500B	3880B	7300	4,400	NS			
Thallium (0.5 guidance)	NS	18.3	9U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U	NS			
Vanadium	NS	28.1B	15.1B	26.7 B	4.7 B	21.2B	17.4B	4.2B	36	96	NS			
Zinc (2000 guidance)	NS	173	62.9	248	31.7	91	62.0	12.7B	200	31	NS			

U- not detected at or above detection limit
B - detected below contract required detection limit
E - value estimated due to interference
* - indicates duplicate analysis not within control limits
N - Spike sample recovery not within quality control limits
W - Post digestion spike for Furnace AA analysis is out of quality control limits
Shaded Area indicates exceedence of NYSDEC Ground Water Standards
NS - No Sample Collected

Appendix C

Leachate Collection Tank Monitoring and Leachate Removal Log

Patton's Busy Bee Disposal Site
Site No. 9-02-014

Leachate Tank Monitoring

Tank #BB-T1-North

North Tank: Estimated Capacity: 15,000 gallons
Distance from Top of Standpipe to Bottom of Tank: 12.4'
Tank Diameter: 10' (est)
Tank Length: 25' (est)

BB-T1-North

Leachate Tank Measurement							
Date	**Depth**	**Date**	**Depth**	**Date**	**Depth**	**Date**	**Depth**
9/11/97	8.05'	9/30/98	0.6'	10/15/99	9.8'	7/5/00	0.7'
9/17/97	8.05'	12/29/98	~8'	11/10/99	6.1'	8/3/00	12.0'
10/21/97	0.6'	4/1/99	pumping	12/2/99	9.9'	8/21/00	12.0'
11/12/97	0.63'	4/9/99	12.1'	12/10/99	9.5'	9/6/00	12.0'
11/25/97	6.20'	4/19/99	11.3'	12/30/99	5.6'	9/18/00	12.0'
12/10/97	9.83'	5/7/99	2.3'	1/11/00	0.5'	10/19/00	8.25'
1/14/98	0.5'	5/25/99	9.4'	2/8/00	0.5'	12/26/00	6.30'
3/6/98	0.33'	7/12/99	9.5'	3/20/00	0.08'	2/9/01	0.15'
4/24/98	0.5'	7/29/99	9.0'	4/10/00	full	3/20/01	0.6'
5/15/98	8.3'	8/23/99	8.2'	5/2/00	12.3'	4/26/01	0.16
5/21/98	6.4'	9/10/99	6.9'	5/19/00	9.2'	6/7/01	12.1
5/27/98	3.6'	10/1/99	0.5'	6/15/00	12.2'	6/15/01	12.1

Note: Depth measured from top of riser to leachate level
Arrange for removal when leachate is within 4.9' of top of riser

Patton's Busy Bee Disposal Site
Site No. 9-02-014

Leachate Tank Monitoring

Tank #BB-T1-North (cont.)

North Tank: Estimated Capacity: 15,000 gallons
Distance from Top of Standpipe to Bottom of Tank: 12.4'
Tank Diameter: 10' (est)
Tank Length: 25' (est)

BB-T1-North

Leachate Tank Measurement							
Date	**Depth**	**Date**	**Depth**	**Date**	**Depth**	**Date**	**Depth**
7/19/01	12.0'	11/10/04	12.5'				
8/23/01	12.0'	4/21/05	12.0'				
10/17/01	12.2'	7/13/05	12.0'				
11/30/01	12.3'	10/26/05	Empty				
1/10/02	7.0'	11/18/05	Empty				
5/21/02	3.0'	6/14/06	9.75'				
6/12/02	6.5'	7/14/06	9.8'				
7/16/02	10.0'	10/18/06	9.5'				
9/20/02	12.1'	4/23/07	2.5'				
10/9/02	12.4'	6/8/07	9.5'				
12/5/02	Max	8/27/07	5.7'				
5/13/03	10.6'	9/28/07	0.4'				
6/4/03	0.33'						
7/14/03	11.0'						
10/6/03	0.67'						
11/13/03	10.8'						
12/1/03	9.6'						
7/22/04	9.6'						

Note: Depth measured from top of riser to leachate level

Patton's Busy Bee Disposal Site
Site No. 9-02-014

Leachate Tank Monitoring

Tank #BB-T1-South

South Tank: Estimated Capacity: 18,000 gallons
Distance from Top of Standpipe to Bottom of Tank: 12.8'
Tank Diameter: 10.7' (est)
Tank Length: 28' (est)

BB-T1-South

Leachate Tank Measurement							
Date	**Depth**	**Date**	**Depth**	**Date**	**Depth**	**Date**	**Depth**
9/11/97	6.25'	9/30/98	1.0'	10/15/99	6.0'	7/5/00	1.9'
9/17/97	6.10'	12/29/98	~8'	11/10/99	3.8'	8/3/00	10.0'
10/21/97	1.83'	4/1/99	being pumped	12/2/99	10.9'	8/21/00	8.0'
11/12/97	1.84'	4/9/99	11.3'	12/10/99	9.0	9/6/00	7.0'
11/25/97	4.53'	4/19/99	3.6'	12/30/99	3.6'	9/18/00	6.3'
12/10/97	8.58'	5/7/99	3.6'	1/11/00	1.8'	10/19/00	3.6
1/14/98	1.75'	5/25/99	6.5'	2/8/00	1.8'	12/26/00	3.7'
3/6/98	1.62'	7/12/99	4.0'	3/20/00	1.5'	2/09/01	1.5'
4/24/98	1.0'	7/29/99	3.6'	4/10/00	full	3/20/01	1.8'
5/15/98	3.6'	8/23/99	3.6'	5/2/00	8.0'	4/26/01	1.4'
5/21/98	3.6'	9/10/99	3.6'	5/19/00	3.6'	6/7/01	9.9'
5/27/98	3.5'	10/1/99	1.7'	6/15/00	6.4'	6/15/01	9.6'

Note: Depth measured from top of riser to leachate level

Patton's Busy Bee Disposal Site
Site No. 9-02-014

Leachate Tank Monitoring

Tank #BB-T1-South (cont)

North Tank: Estimated Capacity: 15,000 gallons
Distance from Top of Standpipe to Bottom of Tank: 12.4'
Tank Diameter: 10' (est)
Tank Length: 25' (est)

BB-T1-South

Leachate Tank Measurement							
Date	**Depth**	**Date**	**Depth**	**Date**	**Depth**	**Date**	**Depth**
7/19/01	8.3'	11/10/04	3.6'				
8/23/01	7.4'	4/21/05	3.6'				
10/17/01	10.4'	7/13/05	5.0'				
11/30/01	6.9'	10/26/05	3'-7"				
1/10/02	1.8'	11/18/05	5'5"				
5/21/02	3.5'	6/14/06	2.0'				
6/12/02	3.6'	7/14/06	1.1'				
7/16/02	3.6'	10/18/06	4.3'				
9/20/02	11.2'	4/23/07	1.2'				
10/9/02	9.4'	6/8/07	5.3'				
12/05/02	1.3'	8/27/07	1.0'				
5/13/03	9.3'	9/28/07	0.9'				
6/4/03	2.0'						
7/14/03	3.5'						
10/6/03	2.5'						
11/13/03	3.3'						
12/1/03	3.8'						
7/22/04	3.8'						

Note: Depth measured from top of riser to leachate level

Patton's Busy Bee Disposal Site
Site No. 9-02-014

Leachate Tank Monitoring

Tank #BB-T2-North

North Tank: Estimated Capacity: 2000 gallons
Distance from Top of Standpipe to Bottom of Tank: 7.5' (est)
Tank Diameter: 5' (est)
Tank Length: unknown

BB-T2-North

Leachate Tank Measurement							
Date	**Depth**	**Date**	**Depth**	**Date**	**Depth**	**Date**	**Depth**
9/11/97	**7.1**	**9/30/98**	**1.0'**	**10/15/99**	**7.0'**	**7/5/00**	**2.1'**
9/17/97	**7.05'**	**12/29/98**	**~5'**	**11/10/99**	**7.1'**	**8/3/00**	**7.3'**
10/21/97	**5.0'**	**4/1/99**	**~7'**	**12/2/99**	**7.5'**	**8/21/00**	**7.3'**
11/12/97	**3.91'**	**4/9/99**	**7.25'**	**12/10/99**	**7.3'**	**9/6/00**	**7.2'**
11/25/97	**3.90'**	**4/19/99**	**7.25'**	**12/30/99**	**6.5'**	**9/18/00**	**7.2'**
12/10/97	**7.37'**	**5/7/99**	**6.25'**	**1/11/00**	**1.5'**	**10/19/00**	**NR**
1/14/98	**1.21'**	**5/25/99**	**6.25'**	**2/8/00**	**1.3'**	**12/26/00**	**6.5'**
3/6/98	**4.58'**	**7/12/99**	**6.25'**	**3/20/00**	**0.3'**	**2/9/01**	**2.8'**
4/24/98	**1.0'**	**7/29/99**	**6.2'**	**4/10/00**	**full**	**3/20/01**	**2.0'**
5/15/98	**2.6'**	**8/23/99**	**6.2'**	**5/2/00**	**0.5'**	**4/20/01**	**0.33'**
5/21/98	**2.2'**	**9/10/99**	**6.2'**	**5/19/00**	**full**	**6/7/01**	**7.1'**
5/27/98	**1.7'**	**10/1/99**	**2.7'**	**6/15/00**	**5.8'**	**6/15/01**	**7.1'**

Note: Depth measured from top of riser to leachate level

Arrange for removal when leachate is within 3.5' of top of riser

Patton's Busy Bee Disposal Site
Site No. 9-02-014

Leachate Tank Monitoring

Tank #BB-T2-North (cont)

North Tank: Estimated Capacity: 2000 gallons
Distance from Top of Standpipe to Bottom of Tank: 7.5' (est)
Tank Diameter: 5' (est)
Tank Length: unknown

BB-T2-North

Leachate Tank Measurement							
Date	**Depth**	**Date**	**Depth**	**Date**	**Depth**	**Date**	**Depth**
7/29/01	**7.0'**	**11/10/04**	**2.1'**				
8/23/01	**7.0'**	**4/21/05**	**max**				
10/17/01	**7.0'**	**7/13/05**	**6.9'**				
11/30/01	**7.0'**	**10/26/05**	**3.9'**				
1/10/02	**1.3'**	**11/18/05**	**3.7'**				
5/21/02	**max**	**6/14/06**	**4.1'**				
6/12/02	**1.0'**	**7/14/06**	**3.9'**				
7/16/02	**2.2'**	**10/18/06**	**4.2'**				
9/20/02	**7.3'**	**4/23/07**	**3.3'**				
10/9/02	**7.3'**	**6/8/07**	**4.8'**				
12/05/02	**0.8'**	**8/27/07**	**4.4'**				
5/13/03	**7.0'**	**9/28/07**	**3.95'**				
6/4/03	**max**						
7/14/03	**1.6'**						
10/6/03	**1.0'**						
11/13/03	**1.6'**						
12/1/03	**0.3'**						
7/22/04	**5.8'**						

Note: Depth measured from top of riser to leachate level
Arrange for removal when leachate is within 3.5' of top of riser

Patton's Busy Bee Disposal Site
Site No. 9-02-014

Leachate Tank Monitoring

Tank #BB-T2-South

South Tank: Estimated Capacity: 4000 gallons
Distance from Top of Standpipe to Bottom of Tank: 6.3'
Tank Diameter: 5.1' (est)
Tank Length: unknown

BB-T2-South

Leachate Tank Measurement							
Date	**Depth**	**Date**	**Depth**	**Date**	**Depth**	**Date**	**Depth**
9/11/97	3.05'	9/30/98	1.5'	10/15/99	3.8'	7/5/00	1.6'
9/17/97	3.0'	12/29/98	~4'	11/10/99	1.9'	8/3/00	3.5'
10/21/97	1.6'	4/1/99	~6'	12/2/99	5.0'	8/21/00	3.0
11/12/97	1.73'	4/9/99	5.25'	12/10/99	3.8'	9/6/00	2.6'
11/25/97	1.65'	4/19/99	2.2'	12/30/99	1.6'	9/18/00	2.3'
12/10/97	3.83'	5/7/99	1.7'	1/11/00	1.3'	10/19/00	1.6'
1/14/98	0.98'	5/25/99	1.7'	2/8/00	1.3'	12/26/00	1.5'
3/6/98	1.62'	7/12/99	1.8'	3/20/00	full	2/9/01	1.6'
4/24/98	1.5'	7/29/99	1.8'	4/10/00	full	3/20/01	1.6'
5/15/98	1.6'	8/23/99	1.8'	5/2/00	0.2'	4/26/01	0
5/21/98	1.6'	9/10/99	1.8'	5/19/00	full	6/7/01	4.4'
5/27/98	1.5'	10/1/99	1.6'	6/15/00	1.6'	6/15/01	4.3'

Note: Depth measured from top of riser to leachate level

Patton's Busy Bee Disposal Site
Site No. 9-02-014

Leachate Tank Monitoring

Tank #BB-T2-South (cont)

North Tank: Estimated Capacity: 4000 gallons
Distance from Top of Standpipe to Bottom of Tank: 6.3' (est)
Tank Diameter: 5.1' (est)
Tank Length: unknown

BB-T2-South

Leachate Tank Measurement							
Date	**Depth**	**Date**	**Depth**	**Date**	**Depth**	**Date**	**Depth**
7/19/01	**3.8'**	**11/10/04**	**1.5'**				
8/23/01	**3.4'**	**4/21/05**	**Max.**				
10/17/01	**3.9'**	**7/13/05**	**2.3'**				
11/30/01	**1.8'**	**10/26/05**	**2.75'**				
1/10/02	**1.0'**	**11/18/05**	**5.4'**				
5/21/02	**max**	**6/14/06**	**4.3'**				
6/12/02	**0.5'**	**7/14/06**	**4.25'**				
7/16/02	**1.4'**	**10/18/06**	**4.25'**				
9/20/02	**4.75'**	**4/23/07**	**4.8'**				
10/9/02	**3.95'**	**6/8/07**	**5.0'**				
12/05/02	**0.5'**	**8/27/07**	**5.0'**				
5/13/03	**3.0'**	**9/28/07**	**4.1'**				
6/4/03	**max**						
7/14/03	**2.0'**						
10/6/03	**0.5'**						
11/13/03	**1.4'**						
12/1/03	**max**						
7/22/04	**1.4'**						

Note: Depth measured from top of riser to leachate level

Leachate Removal Log

Date	Estimated Storage Volume	Estimated Volume Removed	Date	Estimated Storage Volume	Estimated Volume Removed
10/27/97	38,000	15,200	4/30/03	No Estimate	33,000
10/29/97	22,800	canceled	6/18/03	No Estimate	42,000
11/21/97	38,000	10,000	8/29/03	No Estimate	37,100
12/3/97	No Estimate	20,000	10/15/03	No Estimate	30,000
12/4/97	No Estimate	5,500	5/19, 20 & 21/04	No Estimate	39,600
12/5/97	No Estimate	6,800	6/16&17/04	No Estimate	21,000
1/22/98	38,000	17,800	9/7 & 8 /04	No Estimate	23,500
3/31/98	38,000	40,000	11/30 & 12/1/04	No Estimate	22,400
5/5/98	38,000	35,600	5/17/05	No Estimate	21,000
6/2/98	38,000	23,100	10/12/05	No Estimate	21,000
10/30/98	38,000	31,000	11/9/05	No Estimate	18,000
12/23/98	No Estimate	7,700	5/17 /2006	No Estimate	21,000
4/1/99	38,000	34,700	8/01/2006	No Estimate	24,000
4/8/99	No Estimate	21,500	10/03/2006	No Estimate	39,000
5/18/99	No Estimate	16,500	11/20/2006	No Estimate	39,000
10/4/99	38,000	34,500	5/11/2007	No Estimate	78,000
4/26/00	38,000	35,000	10/10/2007	No Estimate	78,000
5/31/00	38,000	37,500			
7/13/00	38,000	36,200			
11/2/00	32,500	31,000			
5/8/01	38,000	33,000			
8/30/01	11,000	11,000			
5/6 & 7/02	38,000	34,800			
5/30 & 31/02	No Estimate	30,000			
6/25 & 26/02	38,000	31,200			
8/5/02	No Estimate	18,000			
8/30/02	No Estimate	12,800			