Department of Environmental Conservation

Division of Environmental Remediation

2006 O&M Report

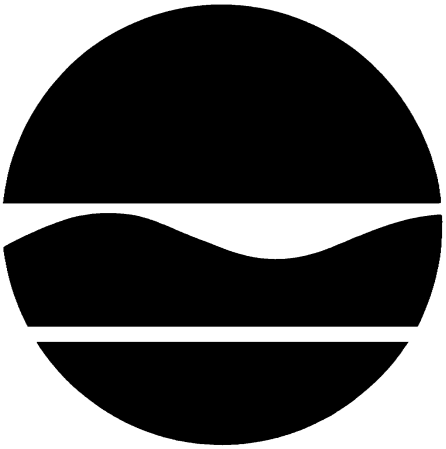
Patton's Busy Bee Disposal Site
Town of Alfred, Allegany County
Site Number 9-02-014

March 2007

New York State Department of Environmental Conservation

2006 Operation and Maintenance Report

Patton's Busy Bee Disposal Site
Site #902014



Prepared by:

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 2006 examined the landfill cap, monitoring well integrity, and overall site conditions. The Site Inspection reports can be found in Appendix A.

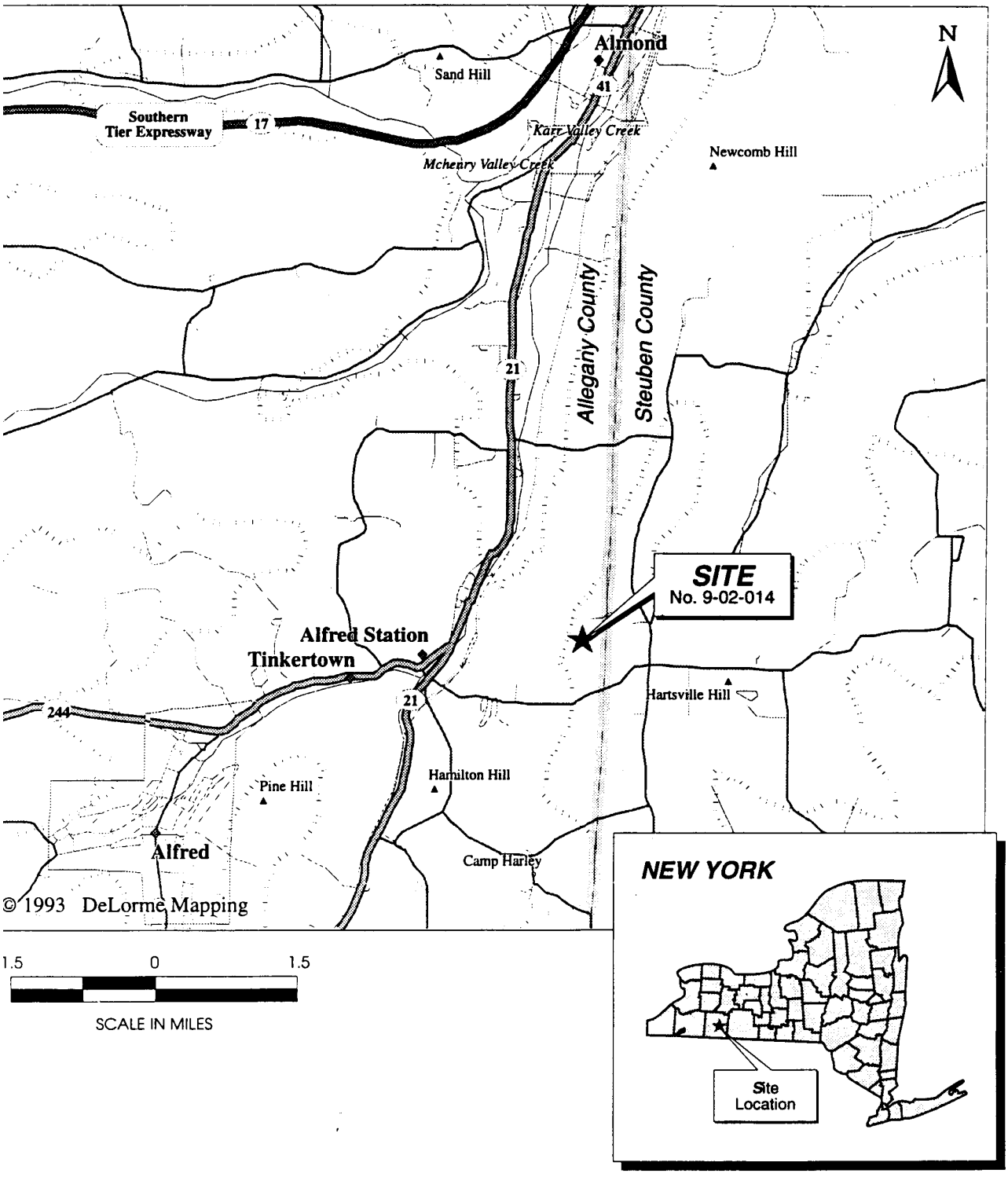
Residential water supply wells were eliminated from the annual monitoring program in 2006. No site related contaminates were detected in the residential water supply wells during the previous 9 years of annual sampling.

The site groundwater monitoring wells were purged on October 3, 2006 and sampled October 4, 2006 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 2006, approximately 123,000 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. In addition, repairs to the leachate collection system were conducted in August 2006 to allow leachate to flow into tank BBT1-North.

Mowing of the landfill cover was performed by NYSDEC Division of Operations during August 2006. 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 2007 include continuation of the leachate hauling program, monitoring well sampling and continuation of the general O&M activities that include mowing of the landfill cover and general maintenance of the site.



Site Location Map

Infrared Satellite Photo

Section II Site Inspection

Inspections of the Busy Bee landfill were conducted on May 4, 2006 and October 4, 2006 to satisfy the requirements of the September 1997 Operation and Maintenance Manual with addenda dated April 1999, March 2000, February 2001, February 2002 and February 2003.

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 3rd and 4th, 2006 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-103D, MW-103I, MW-104I and MW-109:

- Benzene at 1.2 ug/l, Chlorobenzene at 6.3 ug/l and 1,4-Dichlorobenzene at 1.1 ug/l were detected in MW-101D;
- Trichloroethene at 5.9 ug/l and Cis-1,2-Dichloroethene at 5.4 ug/l were detected in MW-103D;
- Trichloroethene at 7.5 ug/l and Cis-1,2-Dichloroethene at 6.4 ug/l were detected in MW-103I;
- Trichloroethene at 3.6 ug/l, Cis-1,2-Dichloroethene at 2.2 ug/land Chloroform at 1.1 ug/l were detected in MW-104I;
- Acetone at an estimated value of 2.6 J was detected in MW-109.

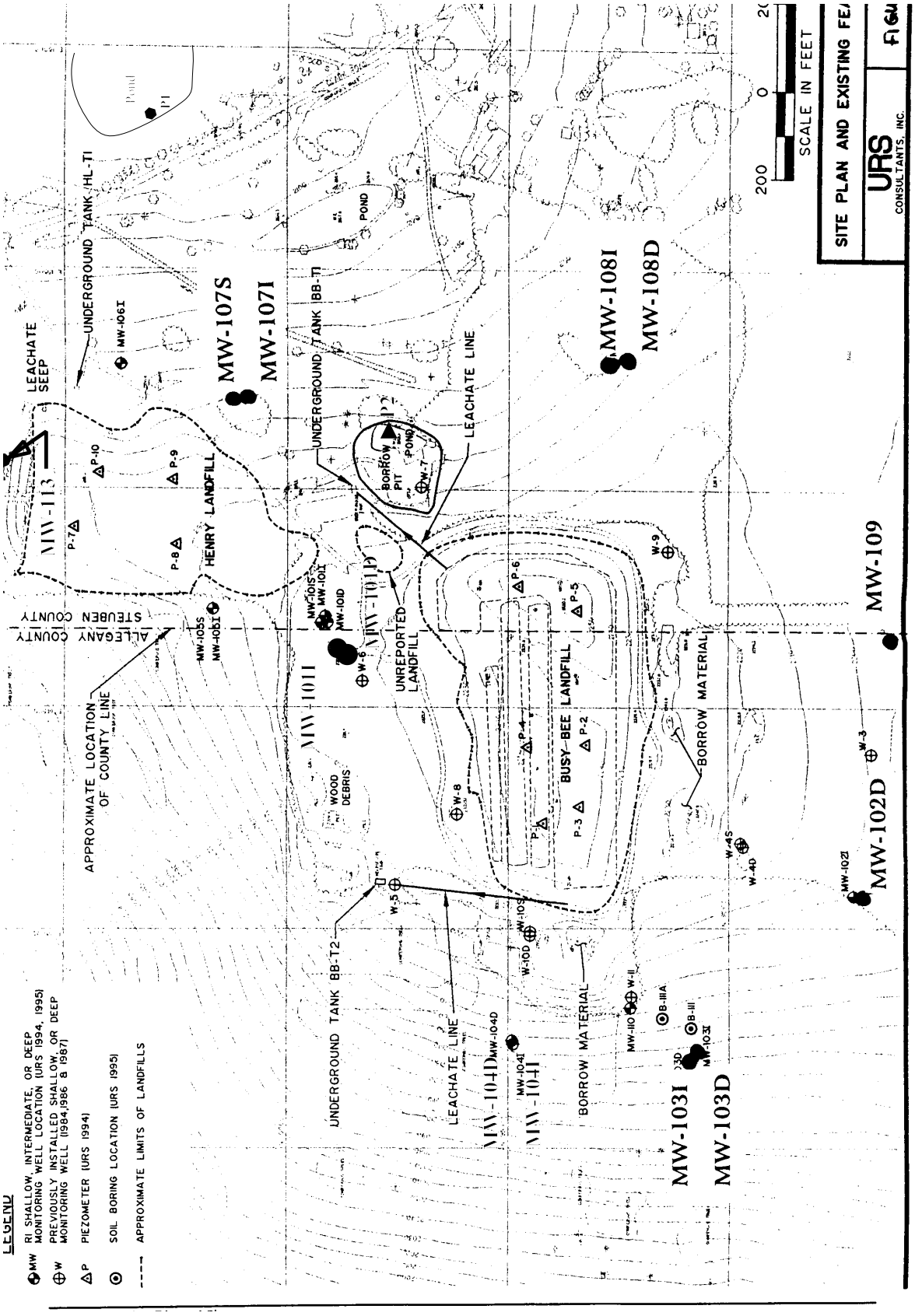
The NYSDEC groundwater standard for Benzene is 1.0 ug/l, Trichloroethene and cis-1,2-Dichloroethene is 5 ug/l and Chloroform is 7 ug/l. There is no groundwater standard for Acetone, only a guidance value of 50 ug/l. These compounds have been detected in previous sampling events at approximately the same 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;

- Iron exceeded groundwater standards in 9 monitoring wells ranging from 410 ug/l (MW-104I) to 39,700 ug/l (MW-101I). The iron standard is 300 ug/l;
- Manganese exceeded groundwater standards in 7 monitoring wells ranging from 310 ug/l (MW-107IR) to 7,400 ug/l (MW-101D). The standard for manganese is 300 ug/l;
- Sodium was detected in MW-101D at 45,500 ug/l. The standard for sodium is 20,000 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.

The next monitoring well sampling event will occur in the fall of 2007.



Location of Long term Monitoring Wells

TABLE IV-1 MONITORING WELLS
VOLATILE ORGANIC 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**
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)	0.47 J	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)*	5.0 U	5.0 U	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	5.9	7.5
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)	1.2	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)	6.3	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 10/04/06**	**MW-101I 10/04/06**	**MW-102D 10/04/06**	**MW-103D 10/04/06**	**MW-103I 10/04/06**
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	5.4	6.4
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)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene (3.0)	1.1	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 10/04/06**	**MW-104I 10/04/06**	**MW-107IR 10/04/06**	**MW-107SR 10/04/06**	**MW-108D 10/04/06**
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)*	5.0 U	5.0 U	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	1.1	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*	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	3.6	1.0 U	1.0 U	1.0 U
Dibromochloromethane *(50*	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	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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)	1.0 U	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-	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-104D 10/04/06**	**MW-104I 10/04/06**	**MW-107IR 10/04/06**	**MW-107SR 10/04/06**	**MW-108D 10/26/05**
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	2.2	1.0 U	1.0 U	1.0 U
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
Isopropylbenzene (5.0)	1.0 U	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	1.0 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	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
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 10/04/06**	**MW-109 10/04/06**	**MW-113 10/04/06**	**MW-113 (DUP) 10/04/06**	
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	2.6 J	5.0 U	5.0 U	
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	5.0 U	
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	1.0 U	
*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 10/04/06**	**MW-109 10/04/06**	**MW-113 10/04/06**	**MW-113 (DUP) 10/04/06**	
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	200U	23,900	200U	200U	200U
Antimony (3)	20U	20U	20U	20U	20U
Arsenic (25)	10U	16	10U	10U	10U
Barium (1000)	750	290	84	57	55
Beryllium (3)	2U	2U	2U	2U	2U
Cadmium (5)	1U	1.0	1.2	1U	1U
Calcium	129,000	89,400	45,400	23,200	22,800
Chromium (50)	4U	27	4U	4U	4U
Cobalt	4U	20	4U	4U	4U
Copper (200)	10U	38	10U	10U	10U
Iron (300)	810	39,700	110	86	140
Lead (25)	5U	15	5U	5U	5U
Magnesium (*35,000 guidance*)	79,100	45,600	16,100	9,000	8,300
Manganese (300)	7,400	750	4.8	5.5	13
Mercury (0.7)	0.2U	0.2U	0.2U	0.2U	0.2U
Nickel (100)	10U	40	10U	10U	10U
Potassium	11,400	12,800	2,900	2,400	1,700
Selenium (10)	15U	15U	15U	15U	15U
Silver (50)	3U	3U	3U	3U	3U
Sodium (20000)	45,500	6,600	4,100	3,900	4,000
Thallium (*0.5 guidance*)	20U	20U	20U	20U	20U
Vanadium	5U	31	5U	5U	5U
Zinc (*2000 guidance*)	10	99	10U	10U	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; insufficient volume

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

Parameter (std/*guidance*)	**MW-104D 10/04/06**	**MW-104I 10/04/06**	**MW-107IR 10/04/06**	**MW-107SR 10/04/06**	**MW-108D 10/04/06**
Aluminum	200U	330	8,700	1,400	600
Antimony (3)	20U	20U	20U	20U	20U
Arsenic (25)	10U	10U	10U	10U	10U
Barium (1000)	50	26	160	43	130
Beryllium (3)	2U	2U	2U	2U	2U
Cadmium (5)	2.2	1.4	1U	1.1	1U
Calcium	49,900	7,500	61,900	20,500	28,300
Chromium (50)	4U	4U	13	4U	4U
Cobalt	4U	4U	7.1	4U	4U
Copper (200)	4U	10U	10U	10U	10U
Iron (300)	88	410	12,800	1,700	1,900
Lead (25)	5U	5U	14	5U	5U
Magnesium (*35,000 guidance*)	25,000	2,400	19,800	5,800	12,100
Manganese (300)	3.2	12	310	560	300
Mercury (0.7)	0.2U	0.2U	0.2U	0.2U	0.2U
Nickel (100)	10U	10U	15	10U	10U
Potassium	3,000	1,000	6,100	1,600	2,500
Selenium (10)	15U	15U	15U	15U	15U
Silver (50)	3U	3U	3U	3U	3U
Sodium (20000)	5,300	6,500	7,200	9,000	3,800
Thallium *(0.5 guidance*)	20U	20U	20U	20U	20U
Vanadium	5U	5U	12	5U	5U
Zinc *(2000 guidance)*	18	10U	33	10U	25

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

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

Parameter (std/*guidance*)	**MW-108I 10/04/06**	**MW-109 10/04/06**	**MW-113 10/04/06**	**MW-113 (DUP) 10/04/06**	
Aluminum	920	3,200	7,700	11,400	
Antimony (3)	20U	20U	20U	20U	
Arsenic (25)	10U	10U	10U	12	
Barium (1000)	68	220	79	92	
Beryllium (3)	2U	2U	2U	2U	
Cadmium (5)	1U	2	1U	1.5	
Calcium	38,500	52,900	55,300	55,000	
Chromium (50)	4U	11	11	16	
Cobalt	4U	4U	7.5	12	
Copper (200)	10U	130	12	18	
Iron (300)	1,200	23,600	13,500	20,200	
Lead (25)	5U	5U	8.6	13	
Magnesium (*35,000 guidance*)	22,600	13,500	24,700	25,100	
Manganese (300)	27	750	410	570	
Mercury (0.7)	0.2U	0.2U	0.2U	0.2U	
Nickel (100)	10U	11	14	20	
Potassium	3,600	8,800	5,400	6,600	
Selenium (10)	15U	15U	15U	15U	
Silver (50)	3U	3U	3U	3U	
Sodium (20000)	3,600	4,400	4,400	4,200	
Thallium (*0.5 guidance*)	20U	20U	20U	20U	
Vanadium	5U	5U	96	14	
Zinc (*2000 guidance*)	10U	48	31	46	

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

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.

Based on the results of the tank monitoring, leachate is removed by a contracted leachate hauler when the leachate levels reach at least 75% capacity of the tanks. During 2006, approximately 123,000 gallons of leachate were removed by Op-Tech Environmental Services Inc. from the collection tanks and disposed at the City of Hornell Wastewater Treatment plant.

Site inspections determined that the leachate collection tank identified as BB-T1 along the eastern side of the access road did not appear to be filling properly. A contractor was retained to investigate and repair the problem. The site contractor, OP-Tech Environmental Services Inc. was hired to repair the leachate collection line at BB-T1. Repairs were performed in August 2006. It was determined that the collection pipe to the north tank was severed most likely due to frost action. The pipe was repaired and is now functioning properly. Please refer to the Site Inspection Report dated August 1 & 2, 2006 found in Appendix A.

The following tables provide information on the leachate monitoring and removal activities. A sample from leachate tank BB-T2S was collected on 10/04/06 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.

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	BBT1S 10/04/06
Chloromethane	20U
Bromomethane	20U
Vinyl chloride	20U
Chloroethane	20U
Methylene chloride	19J
Acetone	63J
Carbon disulfide	20U
1,1-Dichloroethene	20U
1,1-Dichloroethane	20U
Chloroform	20U
1,2-Dichloroethane	20U
2-Butanone	100U
1,1,1-Trichloroethane	20U
Carbon tetrachloride	20U
Bromodichloromethane	20U
1,2-Dichloropropane	20U
*cis-1,3-Dichloropropene	20U
Trichloroethene	20U
Dibromochloromethane	20U
1,1,2-Trichloroethane	20U
Benzene	20U
*trans-1,3-Dichloropropene	20U
Bromoform	20U
4-Methyl-2-pentanone	100U
2-Hexanone	100U
Tetrachloroethene	20U
Toluene	20U
1,1,2,2-Tetrachloroethane	20U
Chlorobenzene	20U
Ethylbenzene	20U
Styrene	20U
Xylene, total	20U
Dichlorodifluoromethane	20U
Trichlorofluoromethane	20U
1,1,2-Trichloro-1,2,2-Trifluoroethane	20U

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

Parameter	BBT1S 10/04/06
trans -1,2-Dichloroethene	20U
Methyl tert-butyl ether	20U
cis-1,2-Dichloroethene	20U
Cyclohexane	20U
Methylcyclohexane	20U
1,2-Dibromoethane (Ethylene dibromide)	20U
Isopropyl benzene	20U
1,3-Dichlorobenzene	20U
1,4-Dichlorobenzene	20U
1,2-Dichlorobenzene	20U
1,2-Dibromo-3-chloropropane	20U
1,2,4-Trichlorobenzene	20U
Methyl acetate	20U

U- compound not detected
J - indicates an estimated value

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

Parameter	BB-T1S 10/04/06
Acenaphthene	10U
Acenaphthylene	10U
Anthracene	10U
Benzo (a) anthracene	10U
Benzo (g,h,i) perylene	10U
Benzo (a) pyrene	10U
Benzoic acid	NA
Benzyl alcohol	NA
bis (2-Chloroethoxy) methane	10U
bis (2-chloroethyl) ether	10U
bis (2-chloroisopropyl) ether	NA
bis (2-ethylhexyl)phthalate	10U
4-Bromophenylphenylether	10U
Butylbenzylphthalate	10U
4-Chloroaniline	10U
4-Chloro-3-methylphenol	10U
2-Chloronaphthalene	10U
2-Chlorophenol	10U
4-Chlorophenylphenylether	10U
Chrysene	10U
Dibenzo (a,h) anthracene	10U
Dibenzofuran	10U
di-n-Butylphthalate	10U
3,3'-Dichlorobenzidine	20U
2,4-Dichlorophenol	10U
Diethylphthalate	10U
2,4-Dimethylphenol	10U
Diethylphthalate	10U
2,4-Dimethylphenol	10U
Dimethylphthalate	10U
2-Methyl-4,6-dinitrophenol	NA
2,4-Dinitrophenol	10U
2,4-Dinitrotoluene	10U
2,6-Dinitrotoluene	10U

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

Parameter	BB-T1S 10/04/06
di-n-Octylphthalate	10U
Fluoranthene	10U
Fluorene	10U
Hexachlorobenzene	10U
Hexachlorobutadiene	44U
Hexachlorocyclopentadiene	10U
Hexachloroethane	10U
Ideno (1,2,3-c,d) pyrene	10U
Isophorone	10U
2-Methylnaphthalene	10U
2-Methylphenol	10U
4-Methylphenol	10U
Naphthalene	10U
2-Nitroaniline	49U
3-Nitroaniline	49U
4-Nitroaniline	49U
Nitrobenzene	10U
2-Nitrophenol	10U
4-Nitrophenol	49U
N-Nitrosodiphenylamine	10U
N-Nitroso-di-N-propylamine	10U
Pentachlorophenol	49U
Phenanthrene	10U
Phenol	10U
Pyrene	10U
2,4,5-Trichlorophenol	10U
2,4,6-Trichlorophenol	10U
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-T1S 10/04/06
Aluminum	56,700
Antimony	20U
Arsenic	96
Barium	2600
Beryllium	3.3
Cadmium	15
Calcium	76,700
Chromium	170
Cobalt	59
Copper	400
Iron	262,000
Lead	550
Magnesium	39,200
Manganese	4,600
Mercury	0.89
Nickel	540
Potassium	39,800
Selenium	15U
Silver	3U
Sodium	530,000
Thallium	20U
Vanadium	80
Zinc	1,900

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	BBT1S 10/04/06
alpha-BHC	0.048U
beta-BHC	0.048U
delta-BHC	0.048U
gamma-BHC (Lindane)	0.048U
Heptachlor	0.048U
Aldrin	0.048U
Heptachlor epoxide	0.048U
Endosulfan	0.048U
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	0.048U
Chlordane (alpha & gamma)	0.048U
Chlordane (alpha & gamma)	0.039J
Toxaphene	0.096U

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

Section VI Status of Previous Recommendations

As recommended in the 2005 O&M Report for the Busy Bee Disposal Site the removal of the leachate collected on site is continuing. This is being accomplished by using a NYSDEC Spill Remediation contractor.

Residential water supply well sampling was eliminated from the annual monitoring program in 2006.

Two semi-annual inspections of the landfill were conducted in May and October 2006.

The landfill cover was mowed in August 2006.

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 2007 Recommendations

The following activities are recommended for the 2007 Operation and Maintenance Year:

- The removal 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 must continue to evaluate the effectiveness of the landfill cap and leachate collection system.

- 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, monitoring well and private 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

PATTON'S BUSY BEE DISPOSAL SITE
Alfred Station, New York
SITE NO. 9-02-014

SITE INSPECTION FORM

Name of Inspector: Brian P. Sadowski
Title: Senior L.C.T.F. Operator

Date of Inspection: May 4, 2006

1. Leachate tanks being monitored regularly: ■ Yes ☐ No
   Date of last tank inspection: May 4, 2006

2. Access road condition: ■ Good ☐ Fair ☐ Poor

   Comments:

3. Vegetative cover: ■ Good ☐ Fair ☐ Poor

   Comments:

4. Woody plants present on cap: ☐ Yes ■ No

5. Mowing required: ☐ Yes ■ No

6. Condition of gas vents: ■ Unobstructed ☐ Obstructed ☐ Damaged ☐ Missing

   If damaged, describe:

7. Erosion of cap: ■ None ☐ Minor ☐ Needs Repair

   Comments:

8. Evidence of ponded water on cap: ■ None ☐ Suspected ☐ Observed
   Comments:

9. Evidence of animal burrows on cap: ☐ No ■ Yes
   Observed at MH #3.

10. Leachate seeps observed on cap: ■ No ☐ Yes
    If yes, indicate location(s) on site map. Describe appearance:

11. Other leachate seeps observed (not on cap): ■ No ☐ Yes
    Comments:

12. Litter present on or around landfill: ☐ No ■ Yes
Comments: Two abandoned cars. Screen door near BBT1 access road. Campfire debris at entrance to BB-T2; removed.

13. Condition of monitoring wells. *Inspect each well and check boxes below as completed. All wells should be secured and locked. If damaged, identify well number and describe damage*:

■ MW-101I	■ MW-104I	■ MW-108I
■ MW-101D	■ MW-104D	■ MW-108D
■ MW-102D	■ MW-107S	■ MW-109
■ MW-103I	■ MW-107I	■ MW-113
■ MW-103D		

Additional Comments:
Weather- Sunny. Temperature approximately 75 degrees F.
Entrance from Clark Rd.; good. No problem for vac truck to access site road. Periodic maintenance by Operations to fill/stabilize; effective.
Site Conditions: Dry
Site gate was found in good condition and locked.
Access roads to leachate tanks BBT1 and BBT2; good. Site perimeter road; good..
Leachate tanks continue to be monitored by DSHM and DER personnel. Rich Stroh of DSHM orientated to monitoring criteria. Levels to be checked after inspection rounds at Highland and Allegany LF's.
Leachate is pumped out as necessary by OP-TECH Environmental Services, Inc., transported and discharged at Hornell POTW.

Distribution:

Mr. Michael Hinton

Attachment: Photos

Access to Clark Rd..JPG

Acess to BB-T1.JPG

ATV Trail 1.JPG

ATV Trail 2.JPG

BB-T1 North.JPG

BB-T1 South.JPG

BB-T1 to Gate.JPG

BB-T2 North.JPG

BB-T2 South.JPG

Campfire Debris.JPG

Gate Cond.JPG

Site East.JPG

Site North 1.JPG

Site North 2.JPG

Site South.JPG

Site West.JPG

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

FIELD INSPECTION REPORT

Date:	August 1 & 2, 2006
Site Name:	Patton's Busy Bee
Site Number:	902014
Location:	Alfred Station, Allegany County
Project Engineer:	Michael Hinton, NYSDEC - Buffalo
Contractor:	OP-TECH Environmental Services Inc.

Weather Conditions: Hot. Sunny. Humid. Temperature 85-90 degrees F.

Purpose of Inspection: Oversee OP-TECH excavate around leachate tanks BB-T1-S to repair overflow to BB-T1-N and install new riser on tank BBT2-S.

Observations: OP-TECH Environmental called out to pump out BBT1 and BBT2, find and repair leachate overflow crossover pipe from BBT1-S to BBT1-N and install riser on BBT2- S. SOW includes one overnight. BPS on site at ~1040 on 8/1. OP-TECH reported to be on site about 0800. Reported to have left Buffalo office/yard ~0500. A crew of 2 including low boy, dump truck, back hoe and vac truck present. OP-TECH pumping out leachate from BBT1-S. Excavating also in progress from BBT1-N inspection ports, westward. Crossover pipe not found. Backfilled. Excavated from ports, eastward. Crossover pipe found approximately 15' from ports toward pond. Two inch nipple on tank head BBT1-N increased by 2-4" Fernco coupler to 4" PVC pipe. Excavating continued. Pipe routed in U shape to other tank. 4" PVC leachate fill line from site tied in by PVC "T" to BBT1- S. Flow set up to fill BBT1-S tank first via PVC-"T". Once full, flow designed to reverse and fill BB-T1-N. OP-TECH took necessary pipe measurements including quantity of elbows and couplers to purchase and install. Original pipe damaged during exploratory excavating. Original rubber couplers were collapsed from prior backfill weight and shift. OP-TECH instructed to provide firm gravel base for new pipe and couplers to handle backfill loading and shift. OP-TECH also instructed to provide adequate pipe slope for leachate flow into tank BBT1-N. OP-TECH replaced all necessary pipe, including couplers. Work area backfilled upon BPS arrival on 8/2. Inspected leachate levels. BBT1-S filling. BBT1-N empty. Not enough leachate in BBT1-S for overflow to occur and determine if pipe repair was successful. Will have to return and inspect at later date by author or DSHM inspector to assess results. Inspected BBT2-S. 4" PVC riser nipple screwed on 4" threaded steel tank nipple. Secured by 4" Fernco coupler, banded, and capped. Mowing by Operations, complete. See attached pictures with index and description.

Distribution: Mike Hinton, Greg Sutton.

August 1 and 2, 2006
Patton's Busy Bee Tank Repairs
BBT1 North and South & BBT2 South
Photo Index and Description

001 and 004: Inlet to BBT1-North.

002: Excavating Equipment and Initial Setup.

003 and 007: 4" PVC leachate pipe from landfill to BBT1-South. Plugged. Set up to use as clean out. "T" piping is present below earth in picture 007. Leachate feeds BBT1-South and then BBT1-North, after BBT1-South is full.

005: Riser and cover to tank BBT2-North.

006: New 4" PVC Riser on BBT2-South.

008: Tank external to BBT1 North.

009, 010 and 011: Internal integrity of BBT1-North.

012: Western external limits of BBT1-North. Leachate crossover feed not found.

013: Excavating east of tank inspection ports for leachate crossover feed.

014: Crossover pipes found.

015: Removing 4" PVC nipple from BBT1- South steel riser. Pipe at center right is leachate tank feed from site.

016: General pipe length between BBT1 - South and North.

017: Pipe at upper left is leachate tank feed from site. Leachate is flowing into BBT1- South tank riser. Pipe at bottom center (shovel point) is leachate outlet, when piped to BBT1- North.

018, 019, and 020: Finished cover at BBT1.

021: Finished cover and inspection port to BBT1-South.

022: New riser and cap at BBT2-South.

BBT1 Area 1 .JPG

BBT1 Area 2.JPG

BBT1 South Riser.JPG

BBTI North Repair 8.JPG

nk BBT! North Inside 3.JI

Tank BBT1 North -1.JPG

ık BBT1 North Access.JI

ık BBT1 North Inside 2.J

ınk BBT1 North Inside.JF

ık BBT1 North Repair 3.J

ık BBT1 North Repair 4.J

ık BBT1 North Repair 5.J

ık BBT1 North Repair 6.J

ık BBT1 North Repair 7.J

ank BBT1 North Riser.JP

ank BBT1 North Shell.JP

Tank BBT1 North.JPG

nk BBT2 North Riser 1.JI

ank BBT2 North Riser.JP

Tank Repair 1.JPG

Tank Repair.JPG

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

FIELD INSPECTION REPORT

Date: October 3 & 4, 2006
Site Name: Pattons Busy Bee
Site Number: 902014
Location: Alfred Station, Allegany County
Project Engineer: Michael Hinton, NYSDEC - Buffalo
Contractor: OP-TECH Environmental Services Inc.

Weather Conditions: 10/3/06 - Warm, Mild, Calm, ~70 degrees F. 10/4/06 - Rain, Thundershowers, Windy, ~55 degrees F.

Purpose of Inspection/Visit: Purge monitoring wells for new formation water and sample following day. Check on OP-TECH Environmental regarding leachate removal. Inspect site.

Work Performed/Observations: DER North personnel; Mike Hinton, Brian Sadowski, Glenn May, Jeff Konsella, Tim Dieffenbach and Dave Szymanski purged 13 monitoring wells that are part of the long term monitoring program on October 3rd. Calculations were done to determine the total volume of water to remove. Problems were not encountered during water evacuations. Bailers and line were replaced as necessary. Mike Hinton and Brian Sadowski returned back to the site on October 4th to sample the wells and leachate tank BBT1- South. All grabs were successful. Samples were delivered to STL Buffalo on Thursday October 5.

The site was found in good condition. The gate was operable and in good condition. All signs were posted with the exception of one. The entrance roads to and from the leachate tanks was fair to good. Operations will need to grade and firm up the road base in some locations. Bradley Bledsoe, Operations West Almond was e-mailed on this item. The access road around the perimeter of the site is rutted, but passable by four wheel drive. OP-TECH Environmental was pumping out leachate from tanks BBT1 and BBT2. BBT1 tank north, was filling. Therefore, the repair to BBT1 south done in the beginning of August was further confirmed as successful. Remains of a bonfire, weather shielding and beverage cans was noticed near BB-T2. The site is remote and the gate and lateral boulders are limited in their effectiveness to deter trespassers. There were no observed indications that the monitoring wells or leachate collection system and tanks was compromised.

Report by: Brian Sadowski

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

100406-01 Entrance Road.JPG

100406-02 Entrance Road.JPG

100406-03 North sider.JPG

100406-04 North Side.JPG

100406-05 NW Corner.JPG

100406-06 NW Corner.JPG

100406-07 West Side.JPG

100406-08 SW Corner.JPG

100406-09 Landfill Center.JPG

100406-10 South Side.JPG

100406-11 South Side.JPG

100406-12 SE Corner.JPG

100406-13 East Side.JPG

100406-14 NE Corner.JPG

100406-15 NE Corner.JPG

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**				
Chloromethane	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U				
Bromomethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U				
Vinyl chloride (2.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U				
Chloroethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	**0.47 J**				
Methylene chloride (5.0)	NS	NS	10U	0.2U	10 U	10 U	2.0U	10 U	NS	1.0 U				
Acetone *(50 guidance)*	NS	NS	10U	NA	**3 J**	10U	5.0U	10U	NS	5.0 U				
Carbon disulfide	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	NS	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				
1,1-Dichloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U				
Chloroform (7.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	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				
2-Butanone	NS	NS	10U	NA	**1 J**	10U	5.0U	10U	NS	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				
Carbon tetrachloride (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U				
Bromodichloromethane *(50 guidance)*	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	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				
*cis-1,3-Dichloropropene (0.4)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U				
Trichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U				
Dibromochloromethane *(50 guidance)*	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	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				
Benzene (1.0)	NS	NS	10U	NA	**1 J**	**1 J**	**1.0**	10 U	NS	**1.2**				
*trans-1,3-Dichloropropene (0.4)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U				
Bromoform *(50 guidance)*	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	NS	1.0 U				
4-Methyl-2-pentanone	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	NS	5.0 U				
2-Hexanone *(50 guidance)*	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	NS	5.0 U				
Tetrachloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	NS	1.0 U				
Toluene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	NS	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				
Chlorobenzene (5.0)	NS	NS	**4J**	**6.6**	**3 J**	**4J**	**6.0**	**6.0**	NS	**6.3**				
Ethylbenzene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	NS	1.0 U				
Styrene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	NS	1.0 U				

Table B -1 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	NS	3.0 U				
Dichlorodifluoromethane (5.0)	NS	NS	NA	**13**	10 U	10 U	1.0U	10 U	NS	1.0 U				
Trichlorofluoromethane (5.0)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	NS	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				
trans -1,2-Dichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10U	1.0U	10U	NS	1.0 U				
Methyl tert-butyl ether	NS	NS	NA	NA	10 U	10 U	10U	10 U	NS	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				
Cyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	NS	1.0 U				
Methylcyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	NS	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				
Isopropyl benzene (5.0)	NS	NS	NA	NA	10 U	10 U	1.0U	10 U	NS	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				
1,4-Dichlorobenzene (3.0)	NS	NS	NA	**0.90**	10 U	10 U	**0.9J**	10 U	NS	**1.1**				
1,2-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	NS	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				
1,2,4-Trichlorobenzene (5.0)	NS	NS	NA	NA	10 U	10 U	1.0U	10 U	NS	1.0 U				
Methyl acetate	NS	NS	NA	NA	10 U	10 U	10U	10 U	NS	1.0 U				
Bromochloromethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA				
Dibromomethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA				
1,3-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA				
2,2-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA				
1,1-Dichloropropene (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA				
Hexachlorobutadiene (0.50)	NS	NS	NA	0.4U	NA	NA	NA	NA	NS	NA				
1,1,1,2-Tetrachloroethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NS	NA				
1,2,3-Trichloropropane (0.04)	NS	NS	NA	1.0U	NA	NA	NA	NA	NS	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**				
Aluminum	NS	NS	424E*	43.6 B	213	32.5U	129B	18.4U	NS	200U				
Antimony (3)	NS	NS	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	NS	20U				
Arsenic (25)	NS	NS	6U	11.9	9.6 B	4.0B	11.5	4.9B	NS	10U				
Barium (1000)	NS	NS	513	623 E	523	611	675	676	NS	750				
Beryllium (3)	NS	NS	0.4U	0.50 U	1.0 U	0.20U	0.21B	0.19U	NS	2U				
Cadmium (5)	NS	NS	0.7U	0.60 U	1.1 BN	0.33B	0.53B	0.34U	NS	1U				
Calcium	NS	NS	120,000	135,000	122,000	124,000E	128,000	120,000	NS	129,000				
Chromium (50)	NS	NS	2U	2.0 B	1.0 U	0.60U	0.90U	1.0B	NS	4U				
Cobalt	NS	NS	2.6B	5.4 B	5.0 B	4.8B	4.0U	3.4B	NS	4U				
Copper (200)	NS	NS	7.9B	1.7 B	14.9 B	6.3B	6.6B	3.8B	NS	10U				
Iron (300)	NS	NS	**384***	**1,270**	**891**	270	**809N**	**443**	NS	**810**				
Lead (25)	NS	NS	4.8	2.6 U	2.0 U	7.3	13.1	4.9	NS	5U				
Magnesium (*35,000 guidance*)	NS	NS	70,600*	82,000 E	69,300	78,700	77,800	72,500	NS	79,100				
Manganese (300)	NS	NS	**5,090**	**7,200 E**	**4,290**	**5,900**	**5,970**	**6,980**	NS	**7,400**				
Mercury (0.7)	NS	NS	0.2U	0.15 U	0.072 U	0.115B	0.055U	0.087U	NS	0.2U				
Nickel (100)	NS	NS	10B	9.1 B	9.8 B	9.0B	8.9B	7.2B	NS	10U				
Potassium	NS	NS	10,900	11,900	12,400	11,400E	11,300	10,100	NS	11,400				
Selenium (10)	NS	NS	5U	7.3	5.0 U	4.0U	4.4B	5.0U	NS	15U				
Silver (50)	NS	NS	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	NS	3U				
Sodium (20000)	NS	NS	**56,600**	**57,900**	**51,200**	**49,000**	**44,900**	**42,700**	NS	**45,500**				
Thallium (*0.5 guidance*)	NS	NS	11.3	5.0 U	4.0 U	3.9U	3.8U	5.1U	NS	20U				
Vanadium	NS	NS	1U	1.0 U	1.0 U	0.70U	0.91B	0.58U	NS	5U				
Zinc (*2000 guidance*)	NS	NS	13.7B	8.0 B	16.3 B	4.5B	4.7B	1.9B	NS	10				

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**				
Chloromethane	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Bromomethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Chloroethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Acetone *(50 guidance)*	NS	NS	10U	NA	2 J	1 J	5.0U	10 U	5.0U	5.0 U				
Carbon disulfide	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Chloroform (7.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
1,2-Dichloroethane (0.6)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Carbon tetrachloride (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Bromodichloromethane *(50 guidance)*	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
1,2-Dichloropropane (1.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Trichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Dibromochloromethane *(50 guidance)*	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
1,1,2-Trichloroethane (1.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Benzene (1.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Bromoform *(50 guidance)*	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
4-Methyl-2-pentanone	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
2-Hexanone *(50 guidance)*	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
Tetrachloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Toluene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Chlorobenzene (5.0)	NS	NS	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Ethylbenzene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Styrene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				

Table B - 2 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	3.0U	3.0 U				
Dichlorodifluoromethane (5.0)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Trichlorofluoromethane (5.0)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U				
trans -1,2-Dichloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Methyl tert-butyl ether	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	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				
Cyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U				
Methylcyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	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				
Isopropyl benzene (5.0)	NS	NS	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,4-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dibromo-3-chloropropane (0.04)	NS	NS	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	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				
Methyl acetate	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U				
Bromochloromethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	1.0U	NA				
Dibromomethane (5.0)	NS	NS	NA	0.20U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NS	NS	NA	0.4U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NS	NS	NA	1.0U	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**				
Aluminum	NS	NS	NS	8500	61,300	NS	21,200	8730	22,200	23,900				
Antimony (3)	NS	NS	NS	5.0 U	3.0 U	NS	4.1U	5.0U	20U	20U				
Arsenic (25)	NS	NS	NS	6.9 B	**54.5**	NS	22.2	5.5B	12	16				
Barium (1000)	NS	NS	NS	175 BE	694	NS	273	173B	290	290				
Beryllium (3)	NS	NS	NS	0.57 B	**4.3 B**	NS	1.5B	0.19U	2U	2U				
Cadmium (5)	NS	NS	NS	0.60 U	1.0 UN	NS	0.30U	0.42B	2.7	1.0				
Calcium	NS	NS	NS	81,300 E	88,600	NS	82,300	81100	92300	89,400				
Chromium (50)	NS	NS	NS	9.0 B	74.3	NS	23.2	7.5B	27	27				
Cobalt	NS	NS	NS	6.9 B	69.2	NS	21.7	6.8B	17	20				
Copper (200)	NS	NS	NS	13.8 B	175	NS	38.0	14.7B	90	38				
Iron (300)	NS	NS	NS	**9,190**	**131,000**	NS	**41,500N**	**12,300**	**34,800**	**39,700**				
Lead (25)	NS	NS	NS	4.9	**48.1**	NS	14.3	4.7	18	15				
Magnesium (*35,000 guidance*)	NS	NS	NS	35,400 E	55,200	NS	41,800	36,200	44,200	45,600				
Manganese (300)	NS	NS	NS	**564 E**	**2850**	NS	**920**	**486**	**790**	**750**				
Mercury (0.7)	NS	NS	NS	0.15 U	0.072 U	NS	0.055U	0.087U	0.2U	0.2U				
Nickel (100)	NS	NS	NS	9.6 B	**136**	NS	42.3	11.8B	40	40				
Potassium	NS	NS	NS	7,810	17,500	NS	10600	7720	13000	12,800				
Selenium (10)	NS	NS	NS	5.0 U	9.7	NS	4.1B	5.0U	15U	15U				
Silver (50)	NS	NS	NS	1.5 U	2.0 U	NS	0.70U	0.69U	3U	3U				
Sodium (20000)	NS	NS	NS	6,700	7400	NS	6590	5880	7,200	6,600				
Thallium (*0.5 guidance*)	NS	NS	NS	5.0 U	4.0 U	NS	5.0B	5.1U	20U	20U				
Vanadium	NS	NS	NS	13.5 B	78.2	NS	26.8B	12.1B	31	31				
Zinc (*2000 guidance*)	NS	NS	NS	47.4	364	NS	100	27.9	160	99				

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**				
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U				
Acetone *(50 guidance)*	NA	10U	10U	NA	10 U	3J	5.0U	10 U	5.0U	5.0 U				
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Trichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Benzene (1.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Bromoform *(50 guidance)*	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
2-Hexanone *(50 guidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Toluene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Ethylbenzene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				

Table B - 3 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	10 U	3.0 U				
Dichlorodifluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	10 U	1.0 U				
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	10 U	1.0 U				
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NA	NA	NA	NA	10 U	10 U	10U	10 U	10 U	1.0 U				
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				
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	10U	10 U	10 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				
Cyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	10 U	1.0 U				
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	10 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				
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	10 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				
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	10 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				
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	10 U	10 U	1.0 U				
1,2,4-Trichlorobenzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	10 U	1.0 U				
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	10 U	1.0 U				
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	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				
Aluminum	1,600*	360	745E*	292	118	32.5U	358	104B	980	200U				
Antimony (3)	30.0U	**39.4B**	8U	**5.0 B**	3.0 U	5.4U	4.1U	5.0U	20U	20U				
Arsenic (25)	30.6U	14.4	6U	3.4 U	4.0 U	4.0U	3.8B	2.6U	1U	10U				
Barium (1000)	110	86.7B	88.3B	81.0 BE	86.7 B	88.1B	95.1	72.5B	98	84				
Beryllium (3)	0.30U	0.25B	0.4U	0.50 U	1.0 U	0.20U	0.18B	0.19U	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				
Calcium	44,700	38,400	44,000*	43,200 E	47,000	43,000E	45,900	41,400	47,800	45,400				
Chromium (50)	3.1U	1.0B	2U	1.2 U	1.0 U	0.60U	0.90U	0.65U	10	4U				
Cobalt	4.1U	2.9B	2U	1.0 U	1.0 U	0.50U	0.70U	0.86U	4U	4U				
Copper (200)	9.2	12.0B	6.9B	5.8 B	1.1 B	2.4B	5.0B	3.2B	10U	10U				
Iron (300)	**1,900N**	**313**	**939***	249	72.1	150	**614N**	121	**2,000**	110				
Lead (25)	22.7U	1.7U	6.4	2.6 U	2.0 U	2.3U	1.6U	1.3U	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				
Manganese (300)	37.2	8.5B	18.7	8.9 BE	2.8 B	7.0B	15.6	4.3B	45	4.8				
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				
Nickel (100)	10.5U	2.8B	3.3B	1.5 U	1.5 U	1.0U	2.2B	2.0B	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				
Selenium (10)	42.6U	1.5U	5U	5.0 U	5.0 U	4.0B	5.5B	5.0U	15U	15U				
Silver (50)	5.0U	1.8B	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	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				
Thallium	34.4	8.8B	9.9B	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U				
Vanadium	4.6U*	3.3B	1U	1.0 U	1.0 U	0.70U	0.80U	0.58U	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				

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**				
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U				
Acetone *(50 quidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.20U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Trichloroethene (5.0)	**4.2**	**6J**	**5J**	**6.6**	**4 J**	**5J**	**7.0**	**4J**	**2.2**	**5.9**				
Dibromochloromethane *(50 quidance)*	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	1.0U	1.0U	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				
Benzene (1.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	1.0U	1.0U	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				
Bromoform *(50 guidance)*	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U				
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	5.0U	5.0U	5.0 U				
2-Hexanone *(50 quidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	5.0U	5.0U	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				
Toluene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	1.0U	1.0U	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				
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	1.0U	1.0U	1.0 U				
Ethylbenzene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	1.0U	1.0U	1.0 U				
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	1.0U	1.0U	1.0 U				

Table B - 4 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	1.0U	3.0	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				
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	1.0U	1.0U	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				
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				
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	10U	10U	1.0U	1.0 U				
cis-1,2-Dichloroethene (5.0)	**12**	**15**	**16**	**20**	**8 J**	**14**	**9.0**	**6J**	**3.7**	**5.4**				
Cyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U				
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	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				
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	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				
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U				
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	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**				
Aluminum	10,500*	220	791E*	2470	293	32.5U	151B	37.1B	1700	200U				
Antimony (3)	30.0U	35.9U	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	20U	20U				
Arsenic (25)	30.6U	13.1	6U	3.4 U	4.0 U	4.0U	5.2B	2.6U	10U	10U				
Barium (1000)	109	65.3B	49.9B	72.8 BE	59.1 B	67.9B	69.0	59.9B	42	57				
Beryllium (3)	0.30U	0.20B	0.4U	0.50 U	1.0 U	0.20U	0.10U	0.19U	20U	2U				
Cadmium (5)	3.8U*	0.70U	0.7U	2.5 B	1.7 BN	0.44B	0.30U	0.34U	1.1	1U				
Calcium	20,800	24,400	17,700*	20,900 E	25,400	23,100E	24,100	29200	13200	23,200				
Chromium (50)	11.6	0.83B	2U	1.8 B	1.0 U	0.60U	0.90U	0.65U	4.1	4U				
Cobalt	8.2	2.3B	2U	1.5 B	1.0 U	0.50U	0.70U	0.86U	4U	4U				
Copper (200)	22.1	5.5B	3.1B	4.0 B	1.0 U	0.82B	1.7U	1.3U	10	10U				
Iron (300)	**13,200N**	**316**	**507***	**2,600**	**368**	**400**	**191N**	36.8B	**1800**	86				
Lead (25)	22.7U	1.7U	3U	4.5	2.0 U	2.3U	1.6U	1.3U	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				
Manganese (300)	**509**	14.5B	8.9B	94.9 E	19.4	26.6	5.4B	3.2B	45	5.5				
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				
Nickel (100)	22.9	2.8U	3.1B	2.8 B	1.5 U	1.0U	1.5B	1.2U	10U	10U				
Potassium	5,180	1,920B	1,630B	2,590 B	1,970 B	1,930BE	1,980B	1820B	3600	2,400				
Selenium (10)	**46.4**	1.5U	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U				
Silver (50)	5.0U	0.92B	1U	1.5 U	2.0 U	0.67B	0.70U	0.69U	3U	3U				
Sodium (20000)	4,370	3,510B	4,480B	4,140 B	4,160 B	3,930B	4,260B	3620B	2800	3,900				
Thallium (*0.5 guidance*)	34.4U	5.0B	9U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U				
Vanadium	19.2*	2.3U	1U	3.8 B	1.0 U	0.70U	0.80U	0.58U	5U	5U				
Zinc (*2000 guidance*)	38.7*	13.4BE	2U	13.2 B	2.6 B	4.1U	6.9B	0.81U	20U	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**				
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U				
Acetone *(50 quidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	1.0U	10U	10U	**0.23**	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Trichloroethene (5.0)	**9.1**	**8J**	**4J**	**9.2**	**7 J**	**4 J**	**9.0**	**6J**	1.0U	**7.5**				
Dibromochloromethane *(50 quidance)*	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
Benzene (1.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Bromoform *(50 guidance)*	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
2-Hexanone *(50 quidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Toluene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Ethylbenzene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				

Table B - 5 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
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				
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U				
cis-1,2-Dichloroethene (5.0)	**18**	**22**	**15**	**28**	**15**	**12**	**11.0**	**8J**	1.0U	**6.4**				
Cyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10U	1.0U	1.0 U				
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10U	1.0U	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				
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10U	1.0U	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				
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10U	1.0U	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				
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100	1.0U	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				
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10U	1.0U	1.0 U				
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	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**				
Aluminum	2,860*	424	3,640E*	780	620	1890	646	323	2000	200U				
Antimony (3)	30.0U	**40.8B**	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	20U	20U				
Arsenic (25)	30.6U	9.2B	6U	3.4 U	4.2 B	4.1B	3.3U	2.6U	10U	10U				
Barium (1000)	63	73.7B	67.1B	59.6 BE	65.1 B	98.9B	71.9B	83.2B	43	55				
Beryllium (3)	0.30U	0.28B	0.4U	0.50 U	1.0 U	0.20U	0.10U	0.19U	2U	2U				
Cadmium (5)	3.8U*	4.0B	1.1B	2.0 B	2.4 BN	0.30U	3.3B	0.36B	1U	1U				
Calcium	13,800	24,900	14,100*	19,400 E	22,300	25,600E	23,200	30000	5400	22,800				
Chromium (50)	3.1U	0.89B	3B	1.2 U	1.0 U	0.60U	0.90U	0.65U	10	4U				
Cobalt	4.1U	2.1B	2U	1.0 U	1.0 B	0.96B	0.70U	0.86U	4U	4U				
Copper (200)	8.7	8.0B	5.8B	1.3 B	6.1 B	1.9B	1.8B	1.7B	10U	10U				
Iron (300)	**3,240N**	**934**	**3,910***	**869**	**817**	**2,920**	**1,030N**	**258**	**2,300**	140				
Lead (25)	22.7U	1.7U	3U	4.7	2.0 U	2.3U	1.6U	1.3U	5U	5U				
Magnesium (*35,000 guidance*)	4,280	9,980	4,440B*	5,970 E	6,710	8,250	7820	11300	1600	8,300				
Manganese (300)	111	30.1	85.5	37.1 E	28.2	61	28.9	27.0	68	13				
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				
Nickel (100)	10.5U	2.8B	4.1B	1.5 U	1.8 B	2.0B	2.7B	1.2U	10U	10U				
Potassium	2,380	2,110B	2,430B	1,910 B	2,040 B	2,820BE	2,150B	1850B	2000	1,700				
Selenium (10)	42.6U	1.5U	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U				
Silver (50)	5.0U	0.83B	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U				
Sodium (20000)	4,360	2,760B	5,570	4,290 B	4,490 B	3,910B	4,320B	3580B	1300	4,000				
Thallium (*0.5 guidance*)	34.4U	7.2B	9U	5.0 U	4.0 U	3.0U	3.8U	5.1U	20U	20U				
Vanadium	6.4*	2.3U	5.4B	1.1 B	1.0 U	2.8B	1.1B	0.58U	5U	5U				
Zinc (*2000 guidance*)	14.0*	21.1	9.4B	9.8 B	8.3 B	8.6B	3.6B	2.4B	20U	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 - 6
MW - 104D Historic Data
Volatile Organic Compounds
(ug/l)

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

Table B - 6 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	3.0 U				
Dichlorodifluoromethane (5.0)	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U				
Trichlorofluoromethane (5.0)	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U				
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NS	NS	NS	NA	NS	10 U	10U	10 U	NS	1.0 U				
trans -1,2-Dichloroethene (5.0)	NS	NS	NS	0.2U	NS	10 U	1.0U	10 U	NS	1.0 U				
Methyl tert-butyl ether	NS	NS	NS	NA	NS	10 U	10U	10 U	NS	1.0 U				
cis-1,2-Dichloroethene (5.0)	NS	NS	NS	0.57	NS	1J	2.0	2J	NS	1.0 U				
Cyclohexane	NS	NS	NS	NA	NS	10 U	10U	10 U	NS	1.0 U				
Methylcyclohexane	NS	NS	NS	NA	NS	10 U	10U	10 U	NS	1.0 U				
1,2-Dibromoethane (0.0006)	NS	NS	NS	1.0U	NS	10 U	1.0U	10 U	NS	1.0 U				
Isopropyl benzene (5.0)	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	1.0 U				
1,3-Dichlorobenzene (3.0)	NS	NS	NS	0.4U	NS	10 U	1.0U	10 U	NS	1.0 U				
1,4-Dichlorobenzene (3.0)	NS	NS	NS	0.4U	NS	10 U	1.0U	10 U	NS	1.0 U				
1,2-Dichlorobenzene (3.0)	NS	NS	NS	0.4U	NS	10 U	1.0U	10 U	NS	1.0 U				
1,2-Dibromo-3-chloropropane (0.04)	NS	NS	NS	1.0U	NS	10 U	1.0U	100U	NS	1.0 U				
1,2,4-Trichlorobenzene (5.0)	NS	NS	NS	NA	NS	10 U	1.0U	10 U	NS	1.0 U				
Methyl acetate	NS	NS	NS	NA	NS	10 U	10U	10 U	NS	1.0 U				
Bromochloromethane (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA				
Dibromomethane (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA				
1,3-Dichloropropane (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA				
2,2-Dichloropropane (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA				
1,1-Dichloropropene (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA				
Hexachlorobutadiene (0.50)	NS	NS	NS	0.4U	NS	NA	NA	NA	NS	NA				
1,1,1,2-Tetrachloroethane (5.0)	NS	NS	NS	0.2U	NS	NA	NA	NA	NS	NA				
1,2,3-Trichloropropane (0.04)	NS	NS	NS	1.0U	NS	NA	NA	NA	NS	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 -6A
MW - 104D Historic Data
Inorganic Compounds
(ug/l)

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

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**				
Chloromethane	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Bromomethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Chloroethane (5.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Acetone *(50 guidance)*	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
Carbon disulfide	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Chloroform (7.0)	NS	NS	10U	0.64	10 U	10 U	1.0U	10 U	**1.3**	**1.1**				
1,2-Dichloroethane (0.6)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Carbon tetrachloride (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Bromodichloromethane *(50 guidance)*	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
1,2-Dichloropropane (1.0)	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Trichloroethene (5.0)	NS	NS	**4J**	**5.0**	**3 J**	**4 J**	**4.0**	**7J**	**3.4**	**3.6**				
Dibromochloromethane *(50 guidance)*	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
Benzene (1.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Bromoform *(50 guidance)*	NS	NS	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
4-Methyl-2-pentanone	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U				
2-Hexanone *(50 guidance)*	NS	NS	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
Tetrachloroethene (5.0)	NS	NS	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Toluene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Chlorobenzene (5.0)	NS	NS	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Ethylbenzene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Styrene (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				

Table B - 7 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	NS	NS	10U	NA	10 U	10 U	1.0U	10 U	1.0U	3.0 U				
Dichlorodifluoromethane (5.0)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Trichlorofluoromethane (5.0)	NS	NS	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
1,1,2-Trichloro-1,2,2-Trifluoroethane (5.0)	NS	NS	NA	NA	10 U	10 U	10U	10 U	10U	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				
Methyl tert-butyl ether	NS	NS	NA	NA	10 U	10U	10U	10U	1.0U	1.0 U				
cis-1,2-Dichloroethene (5.0)	NS	NS	**5J**	**15**	**10**	**15**	**2.0**	**10**	**2.9**	**2.2**				
Cyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U				
Methylcyclohexane	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	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				
Isopropyl benzene (5.0)	NS	NS	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,4-Dichlorobenzene (3.0)	NS	NS	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dibromo-3-chloropropane (0.04)	NS	NS	NA	1.0U	10 U	10 U	1.0U	100	1.0U	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				
Methyl acetate	NS	NS	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U				
Bromochloromethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	1.0U	NA				
Dibromomethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NS	NS	NA	0.4U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NS	NS	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NS	NS	NA	1.0U	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**				
Aluminum	NS	NS	531E*	3,960	572	2610	1,620	133B	900	330				
Antimony (3)	NS	NS	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	20U	20U				
Arsenic (25)	NS	NS	6U	3.4 U	4.0 U	11.2	6.3B	2.6U	10U	10U				
Barium (1000)	NS	NS	40.4B	109 BE	65.9 B	112B	51.2	60.7B	36	26				
Beryllium (3)	NS	NS	0.4U	0.50 U	1.0 U	0.27B	0.19B	0.19U	2U	2U				
Cadmium (5)	NS	NS	0.7U	0.60 U	1.4 BN	0.30B	0.59B	0.37B	1.9	1.4				
Calcium	NS	NS	14,800*	35,300 E	46,400	48,100E	9,530	23700	9400	7,500				
Chromium (50)	NS	NS	2U	3.8 B	1.0 U	1.8B	1.6B	0.65U	4U	4U				
Cobalt	NS	NS	2U	2.3 B	1.0 U	2.9B	1.7B	0.86U	4U	4U				
Copper (200)	NS	NS	2.8B	6.7 B	6.2 B	4.2B	2.9B	1.5B	10U	10U				
Iron (300)	NS	NS	**452***	**3,790**	**812**	**4,990**	**2,820N**	136	**1200**	**410**				
Lead (25)	NS	NS	3U	6.7	2.0 U	2.3U	1.6U	1.3U	5U	5U				
Magnesium (*35,000 guidance*)	NS	NS	3,730B*	8,910 E	12,400	12,200	3,040B	5470	2600	2,400				
Manganese (300)	NS	NS	9.1B	98.6 E	15.3	114	54.0	7.8B	27	12				
Mercury (0.7)	NS	NS	0.2U	0.15 U	0.072 U	0.065U	0.055U	0.087U	0.2U	0.2U				
Nickel (100)	NS	NS	2U	4.2 B	1.6 B	5.1B	4.4B	1.2U	10U	10U				
Potassium	NS	NS	1,340B	3,260 B	2,220	3,000BE	1,860B	1370B	1400	1,000				
Selenium (10)	NS	NS	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U				
Silver (50)	NS	NS	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U				
Sodium (20000)	NS	NS	9,070	8,690	7,070	7,610	7,690	6940	6400	6,500				
Thallium (*0.5 guidance*)	NS	NS	9U	5.0 U	4.0 U	5.7B	3.8U	5.1U	20U	20U				
Vanadium	NS	NS	1U	6.6 B	1.1 B	4.4B	2.2B	0.58U	5U	5U				
Zinc (*2000 guidance*)	NS	NS	13.2B	71.1	9.9 B	16.7B	8.5B	1.6B	20	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
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**				
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U				
Acetone *(50 guidance)*	NA	**5J**	**68**	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
Carbon disulfide	NA	10U	**2J**	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Trichloroethene (5.0)	1.0U	10U	**4J**	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Benzene (1.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Bromoform *(50 guidance)*	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U				
2-Hexanone *(50 guidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Toluene (5.0)	1.0U	10U	**2J**	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Ethylbenzene (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				

Table B - 8 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	1.0U	10U	10U	NA	10 U	10 U	1.0U	10 U	3.0U	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				
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
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				
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	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				
Cyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U				
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	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				
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	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				
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U				
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	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 -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**				
Aluminum	6,740*	25,200	21,600	2,730	352,000	164,000	135,000	20,500	2430	28400	8,700				
Antimony (3)	30.0U	**43.5B**	60U	6UN	**36.2 B**	3.0 U	**15.0B**	4.1U	5.0U	20U	20U				
Arsenic (25)	30.6U	**110**	**46**	4UN	**207**	**95.3**	**78.2**	17.2	4.1B	16	10U				
Barium (1000)	139	567	544	108B	**2,750 E**	**1450**	**1240**	265	241	320	160				
Beryllium (3)	0.30U	1.3B	5U	1U	**19.6**	**7.8**	**6.2**	1.2B	0.19U	2U	2U				
Cadmium (5)	3.8U	0.70U	5.0U	1U	2.2 B	1.0 UN	0.30U	0.30U	0.66B	4.5	1U				
Calcium	51,400	41,300	40,400	62,800	112,000	101,000	84,800E	59,400	62100	68200	61,900				
Chromium (50)	29.0	49	42.7	14.7	**534**	**279**	**215**	32.4	2.7B	42	13				
Cobalt	8.2	63.8	50.5	16.8B	312	153	128	17.5B	16.7B	23	7.1				
Copper (200)	15.1	55.3	51	6.1B	**421**	**219**	160	19.9B	17.8B	81	10U				
Iron (300)	**10,700N**	**62,600**	**51,300**	**6,370**	**791,000**	**344,000**	**284,000**	**37,600N**	**6000**	**45600**	**12,800**				
Lead (25)	22.7U	**60.6**	**62.9**	3U	**319**	**144**	**146**	**28.6**	**34.4**	**52**	14				
Magnesium (*35,000*	12,400	21,500	20,700	15,800	157,000	84,400	72,800	21,400	16700	25800	14,800				
Manganese (300)	**2,930**	**6,030**	**7,390**	**1,220**	**9,770 E**	**4,570**	**3,700**	**533**	**840**	**790**	**310**				
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				
Nickel (100)	30.2	83	68.8	**135**	**706**	**360**	**300**	41.4	10.1B	54	15				
Potassium	4,270	5,400	6,390	10,400	55,200	30,400	22,600E	9,170	3870B	12200	6,100				
Selenium (10)	**46.9**	1.5UW	5U	5UN	**28.7**	**17.6**	6.0	4.3B	5.0U	15U	15U				
Silver (50)	5.0U	2.6B	10U	1U	1.5 U	2.0 U	0.50B	0.70U	0.69U	3U	3U				
Sodium (20000)	6,080	6,720	10,100	19,200	12,700	11,900	8,430	7,310	6260	7800	7,200				
Thallium (*0.5 guidance*)	34.4U	5.3B	10U	10U	36.0	5.0 B	3.9U	4.6B	5.1U	20U	20U				
Vanadium	11.3*	30.5B	50U	2U	411	187	156	26.5	4.6B	38	12				
Zinc (*2000 guidance*)	33.0*	189	254	28.4	1,470	777	631	83.9	17.6B	290	33				

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**				
Chloromethane	2.0U	5U	**2J**	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Vinyl chloride (2.0)	2.0U	5U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Methylene chloride (5.0)	4.0U	5U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U				
Acetone *(50 guidance)*	NA	**8.2J**	**6J**	NA	**4 J**	10U	5.0U	10U	5.0U	5.0 U				
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloroethane (0.6)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
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				
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloropropane (1.0)	1.0U	5U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Trichloroethene (5.0)	1.0U	5U	**4J**	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,1,2-Trichloroethane (1.0)	1.0U	5U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Benzene (1.0)	NR	5U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Bromoform *(50 guidance)*	1.0U	5U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
4-Methyl-2-pentanone	NA	5U	10U	NA	10 U	10 U	5.0U	2J	5.0U	1.0 U				
2-Hexanone *(50 guidance)*	NA	5U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Toluene (5.0)	NR	5U	**2J**	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Chlorobenzene (5.0)	1.0U	5U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Ethylbenzene (5.0)	NR	5U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Styrene (5.0)	NA	5U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				

Table B - 9 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	NR	5U	10U	NA	10 U	10 U	1.0U	10 U	3.0U	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				
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
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				
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	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				
Cyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	1.0 U				
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	10U	10 U	1.0U	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				
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	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				
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U				
Bromochloromethane (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA				
Dibromomethane (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NA	NA	NA	0.40U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.20U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	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**				
Aluminum	NS	NR	15,900	41,900	116,000	58,900	881	113B	200U	1,400				
Antimony (3)	NS	NR	6UN	**5.8 B**	3.0U	**8.6B**	4.1U	5.0U	20U	20U				
Arsenic (25)	NS	10.8	9.9BN	**34.2**	**110**	**36.5**	3.3U	2.6U	10U	10U				
Barium (1000)	NS	NR	326	410 E	**1230**	408	38.9B	41.3B	40	43				
Beryllium (3)	NS	NR	1U	2.8 B	**6.3**	2.8B	0.14B	0.19U	2U	2U				
Cadmium (5)	NS	NR	1U	0.60 U	1.0 UN	**11.9**	0.72B	0.34U	1U	1.1				
Calcium	NS	NR	69,400	54,100 E	190,000	274,000E	20,500	33400	29000	20,500				
Chromium (50)	NS	NR	**83.1**	45.7	**133**	**71.9**	0.90U	0.65U	4U	4U				
Cobalt	NS	NR	18.9B	26.4 B	93.3	32.6B	0.88B	0.86U	4U	4U				
Copper (200)	NS	NR	25.4	48.2	**222**	97.7	2.9B	2.3B	10U	10U				
Iron (300)	NS	NR	**31,400**	**64,000**	**216,000**	**76,000**	**1,220N**	171	98	**1,700**				
Lead (25)	NS	NR	12.3	20.3	**80.5**	**42.2**	1.6U	1.3U	5U	5U				
Magnesium (*35,000*	NS	NR	12,900	18,000 E	50,900	31,100	5,060	7590	7200	5,800				
Manganese (300)	NS	NR	**1,300**	**1,270 E**	**6,050**	**2,340**	211	681	230	**560**				
Mercury (0.7)	NS	NR	0.1U	0.15 U	0.072 U	0.087B	0.055U	0.087U	0.2U	0.2U				
Nickel (100)	NS	NR	33.3B	52.2	**187**	67.9	4.2B	3.8B	10U	10U				
Potassium	NS	NR	9,940	14,200	17,400	7,670E	1,530B	1280B	1300	1,600				
Selenium (10)	NS	NR	6N	5.0 U	**13.5**	4.0U	2.8U	5.0U	15U	15U				
Silver (50)	NS	NR	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U				
Sodium (20000)	NS	NR	10,600	5,430	5,690	5,250	5,660	8860	10,100	9,000				
Thallium (*0.5 guidance*)	NS	NR	10U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U				
Vanadium	NS	NR	17.8	60.1	144	75.8	1.4B	0.71B	5U	5U				
Zinc (*2000 guidance*)	NS	NR	127	142	743	443	6.2B	1.8B	20U	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
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**				
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U				
Acetone *(50 guidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2UU	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Trichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Benzene (1.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Bromoform *(50 guidance)*	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U				
2-Hexanone *(50 guidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Toluene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Ethylbenzene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				

Table B - 10 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
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				
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Cyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	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				
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U				
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	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**				
Aluminum	2,230*	13,700	1,070E*	303	407	32.5U	757	111B	1000	600				
Antimony (3)	30.0U	35.9U	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	20U	20U				
Arsenic (25)	30.6U	**53**	6U	3.4 U	4.0 U	4.0U	6.0B	2.6U	10U	10U				
Barium (1000)	175	284	118B	102 BE	92.2	138B	154B	121B	140	130				
Beryllium (3)	0.30U	0.86B	0.63B	0.50 U	1.0 U	0.20U	0.21B	0.19U	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				
Calcium	28,600	31,000	25,700*	20,900 E	17,200	32,000E	32,500	30200	40,700	28,300				
Chromium (50)	7.2	19.7	2B	1.2 U	1.0 U	0.60U	1.5B	0.65U	13	4U				
Cobalt	4.1U	16.1B	2U	1.0 U	1.0 U	0.50U	0.98B	0.86U	4U	4U				
Copper (200)	11.0	25.5	6.1B	2.9 B	4.2 B	0.97B	5.1B	2.1B	42	10U				
Iron (300)	**5,560N**	**35,000**	**2,030***	**915**	**1,530**	**510**	**2780N**	**660**	**4,800**	**1,900**				
Lead (25)	22.7U	11.5	3.4	2.6 U	2.4 B	2.3U	1.6U	1.3U	6.8	5U				
Magnesium (*35,000*	10,500	15,700	11,200*	12,000 E	13,300	14,700	13,200	12700	18,200	12,100				
Manganese (300)	**345**	**790**	211	164 E	96.9	239	**336**	291	**380**	300				
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				
Nickel (100)	10.5U	31.0B	2.8B	1.5 U	3.2 B	1.0U	3.0B	1.4B	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				
Selenium (10)	42.6U	1.5U	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U				
Silver (50)	5.0U	0.89B	1U	1.5 U	2.0 U	0.58B	0.70U	0.69U	3U	3U				
Sodium (20000)	4,890	5,180	5,770	3,910 B	4,320 B	3,760B	4,010B	3400B	4100	3,800				
Thallium *(0.5 guidance*)	34.4U	18.5	9U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U				
Vanadium	4.7*	17.0B	2.8B	1.0 U	1.0 U	0.70U	1.3B	0.58U	5U	5U				
Zinc (*2000 guidance*)	38.7*	85.5	10B	15.8 B	17.8 B	7.3B	10.1B	6.0U	42	25				

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**				
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	2.0U	1.0 U				
Acetone *(50 guidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Trichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Benzene (1.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Bromoform *(50 guidance)*	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U				
2-Hexanone *(50 guidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Toluene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Ethylbenzene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				

Table B - 11 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
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				
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Cyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	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				
Methyl acetate	NA	NA	NA	NA	10 U	10 U	10U	10 U	10U	1.0 U				
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	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**				
Aluminum	10,300*	2,880E*	3,160E*	382	1290	2750	1,470	462	2000	920				
Antimony (3)	30.0U	**49.1BN**	8U	5.0 U	3.0 U	**7.7B**	4.1U	5.0U	20U	20U				
Arsenic (25)	30.6U	**72.6**	6U	3.4 U	5.3 B	4.0U	4.7B	2.6U	10U	10U				
Barium (1000)	134	197B	73.5B	60.8 BE	75.7 B	89.7B	104B	69.4B	81	68				
Beryllium (3)	0.55	1.2B	0.4U	0.50 U	1.0 U	0.32B	0.21B	0.19U	2U	2U				
Cadmium (5)	3.8U*	1.0B	4.2B	0.60 U	1.0 UN	0.40B	1.0B	0.49B	1U	1U				
Calcium	48,500	27,800	34700*	33,300 E	35,100	37,700E	30,200	29400	37,600	38,500				
Chromium (50)	41.0	8.9B	3B	1.2 U	3.0 B	3.2B	2.2B	0.65U	4U	4U				
Cobalt	5.7	4.8B	2U	1.0 U	1.6 B	2.4B	1.4B	0.86U	4U	4U				
Copper (200)	17.2	12.3B	5.9B	2.3 B	5.2 B	4.0B	2.1B	1.9B	10U	10U				
Iron (300)	**15,400N**	**32,600**	**2,850***	**408**	**2,860**	**5,280**	**2,600N**	**509**	**1900**	**1,200**				
Lead (25)	22.7U	10.0	3U	2.6 U	2.0 U	2.3U	1.6U	1.3U	5U	5U				
Magnesium (*35,000*	21,200	21,800	16800*	17,600 E	17,600	17,800	12,100	13900	19,600	22,600				
Manganese (300)	**374**	243	127	8.8 BE	60.4	88.1	51.7	13.7B	34	27				
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				
Nickel (100)	37.7	9.7B	4.9B	1.5 U	5.9 B	5.0B	3.8B	1.2U	10U	10U				
Potassium	7,180	8,610	4,450B	3,290 B	3,840 B	4,350BE	3,270B	2830B	410	3,600				
Selenium (10)	42.6U	1.5U	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U				
Silver (50)	5.0U	2.6B	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U				
Sodium (20000)	3,930	3,820B	4,320B	3,300 B	3,670 B	3,430B	3,470B	3150B	3500	3,600				
Thallium (*0.5 guidance*)	38.4	29.7	9U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U				
Vanadium	17.4*	3.9B	3.1B	1.0 U	1.9 B	3.9B	1.9B	0.67B	5U	5U				
Zinc (*2000 guidance*)	74.6*	126E	13.5B	11.3 B	17.1 B	13.4B	8.3B	2.8B	20	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**				
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	1.0U	1.0 U				
Acetone *(50 guidance)*	NA	10U	10U	NA	10 U	**2J**	**7.0**	10 U	5.0U	5.0 U				
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Carbon tetrachloride (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloropropane (1.0)	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Trichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Benzene (1.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Bromoform *(50 guidance)*	1.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U				
2-Hexanone *(50 guidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Toluene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Ethylbenzene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				

Table B - 12 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	3.0U	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				
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
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				
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Cyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,4-Dichlorobenzene (3.0)	1.0U	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100U	1.0U	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				
Methyl acetate	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	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**				
Aluminum	314*	383	136BE*	119 B	151	32.5U	205	18.4U	1300	3,200				
Antimony (3)	30.0U	35.9U	8U	5.0 U	3.0 U	5.4U	4.1U	5.0U	20U	20U				
Arsenic (25)	30.6U	6.6B	6U	3.4 U	4.0 U	4.0U	3.9B	2.6U	10U	10U				
Barium (1000)	116	124B	59.1B	81.2 BE	65.6 B	150B	107B	86.2B	180	220				
Beryllium (3)	0.30U	0.76B	0.4U	0.50 U	1.0 U	0.20U	0.12B	0.19U	2U	2U				
Cadmium (5)	3.8U*	0.70U	0.7U	0.60 U	1.0 UN	0.30U	1.3B	0.34U	1U	2				
Calcium	32,900	33,200	16,800*	23,900 E	19,100	34,000E	27,600	22100	31800	52,900				
Chromium (50)	3.1U	9.2B	2.6B	1.2 U	1.0 U	0.60U	1.9B	0.65U	4.1	11				
Cobalt	4.1U	4.1B	2U	1.0 U	1.0 U	0.76B	1.8B	0.86U	4U	4U				
Copper (200)	8.5	5.3B	2.7B	3.2 B	1.0 U	2.6B	14.4B	6.3B	10U	130				
Iron (300)	**8,640N**	**4,120**	**1,630***	**1,110**	**2,570**	**2,920**	**2,290N**	**513**	**11,900**	**23,600**				
Lead (25)	22.7U	1.7U	3U	2.6 U	2.0 U	2.3U	1.6U	1.3U	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				
Manganese (300)	290	**344**	81.6	98.5 E	82.9	271	167	146	350	**750**				
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				
Nickel (100)	10.5U	9.3B	2U	1.6 B	1.5 U	1.0U	4.9B	1.4B	10U	11				
Potassium	2,150	2,410B	2,110B	2,560 B	2,780 B	3,180BE	3,200B	2230B	3200	8,800				
Selenium (10)	42.6U	1.5U	5U	5.0 U	5.0 U	4.0U	2.8U	5.0U	15U	15U				
Silver (50)	5.0U	1.9B	1U	1.5 U	2.0 U	0.54B	0.70U	0.69U	3U	3U				
Sodium (20000)	4,390	3,280B	4,490B	3,900 B	4,120 B	3,810B	4,070B	3340B	3600	4,400				
Thallium (*0.5 guidance*)	34.4U	5.4B	9U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U				
Vanadium	4.6U*	2.3U	1U	1.0 U	1.0 U	0.70U	0.80U	0.58U	5U	5U				
Zinc (*2000 guidance*)	12.4*	159	8.9B	12.2 B	4.4 B	4.1B	13.3B	3.1B	20U	48				

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**				
Chloromethane	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Vinyl chloride (2.0)	2.0U	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
Methylene chloride (5.0)	4.0U	10U	10U	0.2U	10 U	10 U	2.0U	10 U	1.0U	1.0 U				
Acetone *(50 guidance)*	NA	**5J**	10U	NA	**2 J**	**7J**	**6.0**	10 U	5.0U	5.0 U				
Carbon disulfide	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,1-Dichloroethane (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dichloroethane (0.6)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
2-Butanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	5.0 U				
1,1,1-Trichloroethane (5.0)	NR	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
Bromodichloromethane *(50 guidance)*	1.0U	10U	10U	0.20U	10 U	10 U	1.0U	10 U	1.0U	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				
*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				
Trichloroethene (5.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	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				
1,1,2-Trichloroethane (1.0)	1.0U	10U	10U	0.2U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Benzene (1.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Bromoform *(50 guidance)*	NR	10U	10U	1.0U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
4-Methyl-2-pentanone	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	1.0 U				
2-Hexanone *(50 guidance)*	NA	10U	10U	NA	10 U	10 U	5.0U	10 U	5.0U	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				
Toluene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Chlorobenzene (5.0)	1.0U	10U	10U	0.4U	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Ethylbenzene (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Styrene (5.0)	NA	10U	10U	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				

Table B - 13 - continued

Parameter (GW Std/*guidance*)	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**				
Xylene, total (5.0)	10U	10U	10U	NA	10 U	10 U	1.0U	10 U	3.0U	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				
Trichlorofluoromethane (5.0)	2.0U	NA	NA	1.0U	10 U	10 U	1.0U	10 U	1.0U	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				
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				
Methyl tert-butyl ether	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Cyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Methylcyclohexane	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
Isopropyl benzene (5.0)	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	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				
1,4-Dichlorobenzene (3.0)	NR	NA	NA	0.4U	10 U	10 U	1.0U	10 U	1.0U	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				
1,2-Dibromo-3-chloropropane (0.04)	NA	NA	NA	1.0U	10 U	10 U	1.0U	100J	1.0U	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				
Methyl acetate	NA	NA	NA	NA	10 U	10 U	1.0U	10 U	1.0U	1.0 U				
Bromochloromethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Dibromomethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,3-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
2,2-Dichloropropane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,1-Dichloropropene (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
Hexachlorobutadiene (0.50)	NA	NA	NA	0.4U	NA	NA	NA	NA	NA	NA				
1,1,1,2-Tetrachloroethane (5.0)	NA	NA	NA	0.2U	NA	NA	NA	NA	NA	NA				
1,2,3-Trichloropropane (0.04)	NA	NA	NA	1.0U	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**				
Aluminum	NS	23,600	11,600E*	19,400	3,520	17,000	13,900	3280	27,900	7,700				
Antimony (3)	NS	35.9U	8U	**5.2 B**	3.0 U	**6.5B**	4.1U	5.0U	20U	20U				
Arsenic (25)	NS	**75.0**	6.8B	17.3	8.4 B	**29.5**	23.6	4.4B	30	10U				
Barium (1000)	NS	115B	104B	166 BE	56.3	214	151B	77.5B	250	79				
Beryllium (3)	NS	1.3B	0.4U	1.2 B	1.0 U	0.95B	0.87B	0.19U	2U	2U				
Cadmium (5)	NS	0.70U	0.73B	2.5 B	1.0 UN	0.30U	0.30U	0.34U	2.1	1U				
Calcium	NS	54,300	52,600*	67,100 E	62,000	61,000E	60,200	55,500	66,600	55,300				
Chromium (50)	NS	38.5	14.1	28.0	3.4 B	26.9	17.6	2.7B	49	11				
Cobalt	NS	36.2	6.7B	19.2 B	7.4 B	17.8B	14.7	8.7B	23	7.5				
Copper (200)	NS	79.8	41.8	109	14.9 B	45.4	28.9	14.5B	100	12				
Iron (300)	NS	**54,700**	**19,600***	**43,700**	**9,140**	**40,800**	**29,000N**	**6070**	**49,200**	**13,500**				
Lead (25)	NS	34.7	8.6	**31.0**	8.1	**25.3**	15.9	11.0	30	8.6				
Magnesium (*35,000*	NS	28,600	20,400*	26,600 E	25,200	25,300	26,100	22,500	29,200	24,700				
Manganese (300)	NS	**986**	**479**	**1210 E**	**325**	**910**	**702**	**499**	**1400**	**410**				
Mercury (0.7)	NS	0.10U	0.2U	0.15 U	0.072 U	0.187B	0.055U	0.087U	0.2	0.2U				
Nickel (100)	NS	59.5	20.6B	42.3	15.0 B	45.5	30.7B	6.4B	57	14				
Potassium	NS	5,430	7,620	12,900	7,690	9,110E	7,260	3900B	12,500	5,400				
Selenium (10)	NS	1.5UW	5U	5.0 U	5.0 U	4.0B	2.8U	5.0U	15U	15U				
Silver (50)	NS	1.4B	1U	1.5 U	2.0 U	0.50U	0.70U	0.69U	3U	3U				
Sodium (20000)	NS	6,350	7,500	5,550	5,200	4,660B	4,500B	3880B	7300	4,400				
Thallium (*0.5 guidance*)	NS	18.3	9U	5.0 U	4.0 U	3.9U	3.8U	5.1U	20U	20U				
Vanadium	NS	28.1B	15.1B	26.7 B	4.7 B	21.2B	17.4B	4.2B	36	96				
Zinc (*2000 guidance*)	NS	173	62.9	248	31.7	91	62.0	12.7B	200	31				

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'						
10/9/02	12.4'						
12/5/02	Max						
5/13/03	10.6'						
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'						
10/9/02	9.4'						
12/05/02	1.3'						
5/13/03	9.3'						
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'**						
10/9/02	**7.3'**						
12/05/02	**0.8'**						
5/13/03	**7.0'**						
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

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: 24' (est)

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: 2000 gallons
Distance from Top of Standpipe to Bottom of Tank: 7.5' (est)
Tank Diameter: 5' (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'**						
10/9/02	**3.95'**						
12/05/02	**0.5'**						
5/13/03	**3.0'**						
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			
4/26/00	38,000	35,000			
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			