DEPARTMENT OF THE AIR FORCE
AIR FORCE CIVIL ENGINEER CENTER

August 21, 2015

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FROM: AFCEC/CIBE – Plattsburgh
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SUBJECT: Final 2014 Annual Long Term Monitoring Report for Landfill AOCs
Former Griffiss Air Force Base (AFB) Rome, New York
Contract Number FA8903-10-D-8595 / Delivery Order 0014
August 2015

Accompanying this letter please find the "Final 2014 Annual Long Term Monitoring Report for Landfill AOCs" in relation to work conducted at the Former Griffiss AFB in Rome, New York under the referenced Performance Based Remediation (PBR) contract. The draft report was submitted for your review on June 26, 2015; no comments were received.

Should you have any questions or concerns please contact me at 518-563-2871.

David S. Farnsworth
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CC: AFCEC/BRAC (Administrative Record)

FINAL

2014
ANNUAL LONG TERM MONITORING REPORT
LANDFILL AREAS OF CONCERN

(LF001 (Landfill 1 AOC), LF002 (Landfill 2/3 AOC), LF003 (Landfill 7 AOC), LF007 (Landfill 5 AOC), and LF009 (Landfill 6 AOC))

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LIST OF ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
AFCEC	Air Force Civil Engineer Center
AOC	Area of Concern
AOI	Area of Interest
bgs	below ground surface
CAPE	CAPE Environmental
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	contaminant of concern
CQCR	Chemical Quality Control Reports
CY	cubic yard
DCE	dichloroethene
FPM	FPM Remediations, Inc.
ft	feet
LEL	Lower Explosive Limit
LTM	long term monitoring
LUC/IC	Land use Control/Institutional Control
MAROS	Monitoring and Remediation Optimization Systems
mg/L	milligrams per liter
MSL	mean sea level
µg/L	micrograms per liter
NYCRR	New York Codes of Rules and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
PCB	polychlorinated biphenyl
PCU	platinum-cobalt units
POC	point of compliance
PPM	parts per million
SI	Supplemental Investigation
RA	Remedial Action
RI	Remedial Investigation
ROD	Record of Decision

LIST OF ACRONYMS AND ABBREVIATIONS (continued)

TCE	trichloroethylene/trichloroethene
TDS	Total Dissolved Solids
TKN	Total Kjeldahl Nitrogen
TMC	Three Mile Creek
UFP QAPP	Uniform Federal Policy Quality Assurance Project Plan
USEPA	United States Environmental Protection Agency
VC	Vinyl Chloride
VOC	Volatile Organic Compound
WP	Work Plan

1 INTRODUCTION

FPM Remediations Inc. (FPM), in association with CAPE Environmental (CAPE), has been contracted by the Air Force Civil Engineer Center (AFCEC) to perform Long Term Monitoring (LTM) at Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites at the former Griffiss Air Force Base (AFB), New York. The work discussed in this Annual Report is being conducted through contract number FA8903-10-D-8595-0014.

The purpose of this report is to track and monitor the effectiveness of the LTM program. The LTM program was developed for each Landfill Area of Concern (AOC) using the New York Codes of Rules and Regulations (NYCRR) Part 360 Regulations and was implemented to monitor the presence of contaminants of concern (COCs), assess the potential for migration of the COCs, identify groundwater trends for the COCs and establish an early warning system for assuring compliance with the potential COC receptors. By analyzing current and previous LTM data (groundwater, surface water and landfill gas), this report is also used to assess the LTM network functionality and potential optimization opportunities.

The following sections describe the 2014 site activities for the former Griffiss AFB Landfill AOCs. The site activities include landfill cap inspections and maintenance, landfill gas monitoring, and groundwater and surface water sampling. All activities performed at the Landfill AOCs are based on the elements provided in each Landfill AOCs individual work plan as referenced in the following sections.

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2 LF001 (LANDFILL 1 AOC)

2.1 SITE BACKGROUND

2.1.1 Site History

Landfill 1, approximately 22 acres in size, is located in the northeastern portion of the former Griffiss AFB on the east side of Six Mile Creek, northeast of the flight line and within the Six Mile Creek Drainage Basin. The landfill is bounded by the installation boundary to the north, regulated wetlands to the east, Six Mile Creek and regulated wetlands to the west and woodlands to the south (FPM, October 2002). Figure 2-1 illustrates the landfill boundary and the locations of monitoring wells. The wastes deposited at Landfill 1 consisted of general refuse, hardfill, and boiler ash that was buried using trench and cover methods. An estimated 90,000-100,000 cubic yards (CY) of wastes were disposed of at the site from 1960-1973. During a Landfill Cover Investigation performed in 1997 (LAW, December 1997) landfill waste was encountered anywhere from the surface (southwest corner of the landfill) to beyond 4 ft. Generally, debris was encountered at depths of 2 to 4 feet (ft). The total thickness of the debris was not determined.

The Record of Decision (ROD) for LF001 (Landfill 1 AOC) was signed by the United States Environmental Protection Agency (USEPA) on June 5, 2000. In accordance with the ROD, the landfill was re-graded and capped in 2003. The cap components include a gas venting layer, a 40-mil linear low density polyethylene geomembrane liner, a geocomposite drainage net, a minimum 12 inch thick barrier protection layer and a minimum 6 inch thick layer of topsoil. In addition to the cap, a groundwater/leachate collection trench was installed along the western edge of Landfill 1 to control leachate outbreaks and prevent them from adversely affecting the landfill cover or threatening surface waters. Following a groundwater/leachate collection trench pump test in November 2003 the continuation of the groundwater/leachate treatment system design and construction was suspended due to low levels of COCs entering the trench. The trench still remains at the western edge of Landfill 1. A ROD Amendment for the LF001 (Landfill 1 AOC) to remove the requirement for the collection and treatment of groundwater/ leachate at the landfill toe was signed be the USEPA on September 25, 2009. Five-Year Reviews were conducted in 2005 and 2010. Both Five-Year Reviews indicated that the selected remedy is protective of human health and the environment.

A passive gas vent trench was installed between the northwestern landfill perimeter and the northern property boundary to prevent the migration of methane into neighboring properties in 2005 (Figure 2-2).

2.1.2 Site Geology and Hydrogeology

Landfill 1 rests on low permeability Utica Shale bedrock. The bedrock slopes to the southwest through the site at approximately 2 ft per 100 ft. The downward slope of the land surface towards Six Mile Creek and the unnamed stream south of the landfill truncates the thickness of unconsolidated material (glacial outwash and wastes) above bedrock. The decreased depth of these materials also reduces the thickness of the aquifer above the Utica Shale.

In December 1998, the unconfined aquifer under Landfill 1 varied in saturated thickness from about 7.5 ft in monitoring well HS4MW-1 at the northeast boundary of the landfill to more than 18 ft in LF1MW-101 located at the southwest boundary of the landfill. The saturated aquifer thickness measured in LF1P-2 along the southwest toe of the landfill was about 8.5 ft and may be less near the banks of the creek and along the unnamed creek tributary just south of Landfill 1. The steep slope of the land surface intersects the water table surface in the area south of the landfill, which causes the formation of springs and seeps (LF1L-1, -2, LF1LL-1 and -2).

The southwesterly course of groundwater flow continues on the east side of Six Mile Creek, although the gradient is much more gradual because of (a) groundwater discharged to the creek and (b) change in the thickness dimension of the aquifer. In this area, the land surface becomes topographically flat while the bedrock surface continues to slope to the southwest. The saturated aquifer thickness increases to in excess of 18 ft as measured in LF1P-5. Depth to water in wells in this area is generally less than 5 ft, as measured in wells LF1P-5 and LF1MW-7. The shallowness of the depth to water in the area helps create the jurisdictional wetlands, which drain southeast to Six Mile Creek.

The hydraulic conductivity value for the area in which Landfill 1 AOC is located is 50 ft/day or 0.0347 ft/minute. Based on the assigned hydraulic conductivity, a modeled hydraulic gradient of 0.025 ft per foot and an estimated effective porosity of 20 % exists at Landfill 1. Ground water flow was calculated to be 2,280 ft per year. (LAW, December 1996). Groundwater flows to the southwest in the area of Landfill 1.

2.1.3 Previous LTM Activities and Results

For readability, previous investigations and LTM sampling plan sections have been removed from this report. These sections are provided in the 2009 Landfill AOCs LTM Report (FPM, November 2010). The following summarizes the previous LF001 (Landfill 1 AOC) LTM network activities and results.

LTM was initiated at LF001 in December 2003 in accordance with the LF001 (Landfill 1 AOC) Closure Plan (Conti & EA, October 2002) at 11 monitoring wells (MWSAR03, LF1P-2, -3, -5, LF1MW-1R, -5, -6, -10, -11, -12 and -13) and 3 surface water locations (LF1SW-1, -2SMC, and -3)). LF1MW-103 was added to the LTM network during the March 2004 sampling round and LF1MW-14 was added to the LTM network during the December 2004 sampling round. These sampling locations are illustrated in Figure 2-2. The LTM network was analyzed quarterly (routine) and annually (baseline) for New York State Department of Environmental Conservation (NYSDEC) Part 360 Parameters and VOCs from 2003 through 2006. The LTM network (groundwater and surface water monitoring) was optimized to semi-annual for 2007 and 2008 and then to annual from 2009 through 2013. All recommendations to alter the sampling network were provided in previous Landfill AOCs LTM Reports and CERCLA Sites Optimization Plans (CAPE/FPM, November 2011) which were reviewed by the USEPA and NYSDEC.

Boron, cyanide, mercury, polychlorinated biphenyls (PCBs), pesticides, and phenols were analyzed until 2006 and were then removed from the LTM sampling network due to their low or non-detect concentrations at the site. Volatile Organic Compounds (VOCs) currently detected above the New York State (NYS) groundwater/surface water standards include 1,2-dichlorobenzene, 1,3-dichlorobenzene, benzene, and chlorobenzene. These exceedances only occur at monitoring wells LF1MW-11 and LF1MW-5 (benzene only) and concentrations have been stable and/or decreasing. Landfill leachate indicators previously detected above the NYS groundwater/surface water standards include ammonia, color, total dissolved solids (TDS), and total Kjeldahl nitrogen (TKN). The landfill leachate indicator detections showed stable trends. Metals analysis for this site showed levels above NYS groundwater/surface water standards. Metals that exceed standards include manganese, iron, sodium, aluminum, chromium, and nickel. However, several of the metals (e.g., manganese, iron, sodium) are indicative of base background conditions. As a result, metals analysis was eliminated from the Landfill 1 LTM network in 2011 in accordance with the LF001 (Landfill 1 AOC) Optimization Plan (CAPE/FPM, November 2011).

Landfill gas monitoring is performed at Landfill 1 to identify the presence and concentration of methane at or near the landfill. A total of 18 gas monitoring probes and 31 landfill gas vents were monitored on a quarterly basis from October 2005 until May 2010. Landfill gas monitoring was optimized after the spring 2010 sampling round to semiannual. Results from the gas sampling events at Landfill 1 continue to show elevated methane concentrations throughout the landfill. However, methane concentrations at point of compliance (POC) gas monitoring probes (LF1GMP-13 through -17) remained at non-detectable concentrations through the fall 2014 sampling round. The absence of methane at the POC gas monitoring probes demonstrates continued protection of potential receptors. In addition, the passive gas trench installed near the northwestern perimeter of Landfill 1 to prevent methane migration into neighboring properties appears to remain an effective barrier.

Since April 2005, landfill inspections and cover maintenance have been performed at Landfill 1. Inspections and maintenance were optimized after the spring 2010 sampling round and are now conducted on a semiannual basis with annual landfill cover mowing (fall). Land Use Control/Institutional Controls (LUC/ICs) were implemented in accordance with the ROD and are verified annually as part of the landfill cover inspection program. The fall inspections are performed in conjunction with the Base-wide LUC/IC Site Inspections.

Previous LTM results are provided in detail in the Spring 2009 Landfill AOCs LTM Report (FPM, November 2010), Spring 2010 Landfill AOCs LTM Report (FPM, February 2012), 2011 Landfill AOCs LTM Report (FPM/CAPE, July 2012), 2012 Landfill AOCs LTM Report (FPM/CAPE, March 2013) and 2013 Landfill AOCs LTM Report (FPM/CAPE, February 2014).

2.2 LF001 (LANDFILL 1 AOC) – 2014 SITE ACTIVITIES

This section describes the Landfill 1 AOC site activities and monitoring data for 2014. The field activities include semiannual landfill cap inspections, semiannual landfill gas monitoring, annual groundwater and surface water sampling, and annual landfill cap mowing. The LF001 (Landfill 1 AOC) LTM Network sampling locations are illustrated in Figure 2-2.

2.2.1 Landfill Cap Inspections/Maintenance

The spring 2014 inspection was conducted in May 2014 and did not identify any major deficiencies that would jeopardize the integrity of the cover.

The fall 2014 inspection was conducted in November 2014 following landfill mowing. The annual landfill mowing event was conducted in October 2014. The inspection did not identify any major deficiencies that would jeopardize the integrity of the cover. Gas vent #10 was found lying on the ground during the fall 2014 inspection. The vent was repaired immediately following the inspection.

The semiannual inspection reports (Post-Closure Monitoring Reports) for spring 2014 and fall 2014 can be found in Appendix A.

2.2.2 Landfill Gas Monitoring

Landfill gas monitoring was conducted at 18 gas monitoring probes (LF1GMP-1, -2, -3, -4, -6, -8, -9, -10, -11, -12, -13, -14, -15, -16, -17, -18, -19, and -20) and 31 gas vents (LF1VENT-1 through -31) in spring 2014 and fall 2014. Readings were collected for methane concentrations, Lower Explosive Limit (LEL) for methane, oxygen levels and carbon dioxide levels. The LEL for methane is 5% by volume (Matheson Gas Data Book, 2001). These locations are also illustrated in Figure 2-2. The spring 2014 and fall 2014 monitoring results are discussed below and can be found in Table 2-1.

Spring 2014 landfill gas readings were taken in May 2014. LEL values did not equal or exceed 100% at any of the gas monitoring probes. LEL values did, however, equal or exceed 100% at 4 gas vents (LF1GV-7, -18, -21 and -22). The highest methane concentration reported at a gas monitoring probe was 2.7 parts per million (ppm) at LF1GMP-03. The highest methane concentration reported at a gas vent was 8.0 ppm at LF1VENT-18.

Fall 2014 landfill gas readings were taken in November 2014. LEL values equaled or exceeded 100% at five gas monitoring probes (LF1GMP-1, -3, -4, -9, and -10). LEL values also equaled or exceeded 100% at two gas vents (LF1GV-1 and -2). The highest methane concentration reported at a gas monitoring probe was 36.1 ppm at LF1GMP-04. The highest methane concentration reported at a gas vent was 8.2 ppm at LF1VENT-1.

The 2014 landfill gas monitoring results also showed that the passive gas trench remains effective as no methane detections were reported at gas monitoring probes located north of the passive gas trench (Figure 2-2).

2.2.3 Groundwater and Surface water Monitoring

Groundwater and surface water monitoring was conducted at 12 monitoring wells (LF1P-2, -3, -5, LF1MW-1R, -5, -10, -11, -12, -13, -14, -103, and MWSAR03) and three surface water locations (LF1SW-1, -2, and -3) for leachate indicators in June 2014. In accordance with the

CERCLA Sites Optimization Plans (FPM/CAPE, November 2011), VOCs analysis was also conducted for monitoring wells LF1MW-5, -6, -11, -12, LF1P-2, and MWSAR03 and for surface water locations LF1SW-1, -2, and -3. These locations are also illustrated in Figure 2-2

All sampling activities were performed in accordance with the Updated 2014 Uniform Federal Policy Quality Assurance Project Plan (UFP QAPP) for Performance Based-Remediation at the Former Griffiss AFB (CAPE/FPM, June 2014). All groundwater and surface water analytical data is presented in Table 2-2. Daily Chemical Quality Control Reports (CQCRs) completed during the June 2014 sampling round are provided in Appendix B. The complete list of analytes and the validated laboratory data are attached in Appendix C and the raw laboratory data are available in Appendix D.

2.2.3.1 Groundwater Monitoring Results

VOCs:

Benzene exceedances were reported at LF1MW-5 (1.2 micrograms per liter [µg/L]) and LF1MW-11 (1.6 µg/L). 1,2-dichlorobenzene, 1,4-dichlorobenzene, and chlorobenzene exceedances were also reported at LF1MW-11. All exceedances were within one order of magnitude of the NYS Class GA Groundwater Standards and are similar to previous LTM results. The VOC plumes at the site are illustrated in Figure 2-2. Figure 2-3 illustrates the VOC concentrations above NYS Class GA Standards and associated monitoring wells.

Landfill Leachate Indicators:

Leachate indicator exceedances were reported at monitoring wells LF1MW-5, -11, -103, and LF1P-2. These exceedances are summarized below:

- TKN exceeded the NYS Groundwater Standard at monitoring well LF1MW-11 (1.6 milligrams per liter [mg/L]) and LF1P-2 (1.1 mg/L). The NYS Class GA Groundwater Standard of TKN is 1 mg/L.
- TDS exceeded the NYS Groundwater Standard at monitoring well LF1MW-11 (520 mg/L). The NYS Class GA Groundwater Standard for TDS is 500 mg/L.
- Ammonia exceeded the NYS Groundwater Standard at monitoring well LF1MW-11 (2.9 mg/L). The NYS Class GA Groundwater Standard for ammonia is 2 mg/L.
- Color exceeded the NYS Groundwater Standard at monitoring wells LF1P-2 (20 platinum-cobalt units (pcu)) and LF1MW-13 (20 pcu). The NYS Groundwater Standard for color is 15 pcu.

Comparison of the 2014 and previous LTM results shows that TKN, TDS, ammonia and color concentrations are stable at the site.

Synoptic Results

The following summarizes the groundwater elevations (above mean sea level [MSL]) for each monitoring well sampled at Landfill 1 in the June 2014 sampling round: MWSAR03 (516.49 ft), LF1P-2 (499.86 ft), LF1P-3 (504.86 ft), LF1P-5 (492.24 ft), LF1MW-1R (538.48 ft), LF1MW-5 (494.26 ft), LF1MW-6 (495.90 ft), LF1MW-10 (505.72 ft), LF1MW-11 (499.41 ft), LFMW-12 (500.98 ft), LF1MW-13 (488.09 ft), LF1MW-14 (495.49 ft) and LF1MW-103 (487.74 ft). The

groundwater elevations continue to indicate a southwestern groundwater flow gradient (Figure 2-4).

2.2.3.2 Surface Water Monitoring Results

There were no exceedances found in the surface water samples.

2.2.3.3 MAROS Analysis

The purpose of the Monitoring and Remediation Optimization System (MAROS) methodology is to recommend an improved groundwater monitoring network by applying statistical techniques to existing historical and current site analytical data. The MAROS methodology also considers hydrogeologic factors, regulatory framework, and the location of potential receptors. The software trends and suggests components of an improved plan by analyzing individual monitoring wells in the current monitoring system as well as plume wide trends (if applicable).

For the purpose of evaluating the LF001 (Landfill 1 AOC) LTM network, only the statistical trend analysis portion of the MAROS program was utilized (Mann-Kendall Test and Linear Regression Analysis). Statistical trend analysis was used to determine if concentrations of site-specific target COCs, metals, and indicator parameters would exhibit any discernable trends.

As required by the MAROS program, several assumptions were necessary in order to perform the selected analyses. They included the following:

1. The MAROS optimization program has been applied to the Landfill 1 LTM network for data collected December 2003 through June 2014.
2. The MAROS program requires the selection of a single source area for each analyte and the designation of source area wells. For the purpose of this analysis, an area surrounding monitoring wells LF1P-2 and LF1MW-5 was used as the source area (historically based). Monitoring wells LF1MW-5, -11, and LF1P-2 were used as source area wells, due to historically elevated COC concentrations. Landfill 1 LTM monitoring wells LF1MW-12 and MWSAR03 were designated as tail wells. These source/ tail well designations were required for the MAROS program to perform any analysis. However, the plume analysis (including source or tail areas stability) was not relied upon for the evaluation of the LTM network.
3. The MAROS software uses site-specific hydrogeologic parameters, including groundwater seepage velocity, porosity, saturated thickness, and receptor locations.
4. Any non-detect values were set to one half the detection limit. By standardizing the non-detect values, any problems with trend interpretation caused by changing detection limits were avoided.

2.2.3.4 COC Selection

The following constituents were selected for the MAROS analysis as the primary COCs for the site: benzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene and chlorobenzene,

The selection of these four target COCs is based on considerations of risk, magnitude, extent, and past investigations of the site. Moreover, the selection of these target constituents is in compliance with Appendix A.7 of the MAROS guidance. The MAROS guidance recommends choosing as few constituents as possible and that they are conclusive and not borderline relative to set criteria, such as cleanup goals. By doing so, errors in data due to spatial and temporal variations caused by the natural variability of the subsurface system and the resulting likelihood of false identifications are limited.

The following summarizes the results of the Mann-Kendall test. Linear Regression was used to confirm any trend reported by the Mann-Kendall test. The statistical summary sheets for both tests can be located in Appendix E. The summarized results for the target COCs and indicator parameters are summarized below and detailed in Table 2-3.

Benzene:

Source Wells	Mann-Kendall Trend	Linear Regression Trend	MAROS Recommended Sampling Frequency
LF1MW-5	decreasing	decreasing	Annual
LF1MW-11	decreasing	decreasing	Annual
LF1P-2	decreasing	decreasing	Annual
Tail Wells			
LF1MW-6	no trend	decreasing	Annual
LF1MW-10	non detect	non detect	Biennial
LF1MW-12	non detect	non detect	Biennial
MWSAR03	no trend	no trend	Annual

1,2-Dichlorobenzene:

Source Wells	Mann-Kendall Trend	Linear Regression Trend	MAROS Recommended Sampling Frequency
LF1MW-5	non detect	non detect	Biennial
LF1MW-11	decreasing	decreasing	Annual
LF1P-2	stable	decreasing	Biennial
Tail Wells			
LF1MW-6	non detect	non detect	Biennial
LF1MW-10	non detect	non detect	Biennial
LF1MW-12	non detect	non detect	Biennial
MWSAR03	non detect	non detect	Biennial

1,4-Dichlorobenzene:

Source Wells	Mann-Kendall Trend	Linear Regression Trend	MAROS Recommended Sampling Frequency
LF1MW-5	decreasing	decreasing	Annual
LF1MW-11	decreasing	decreasing	Annual
LF1P-2	no trend	no trend	Annual
Tail Wells			
LF1MW-6	stable	stable	Biennial
LF1MW-10	decreasing	decreasing	Annual
LF1MW-12	no trend	increasing	Biennial
MWSAR03	stable	stable	Annual

Chlorobenzene:

Source Wells	Mann-Kendall Trend	Linear Regression Trend	MAROS Recommended Sampling Frequency
LF1MW-5	decreasing	decreasing	Annual
LF1MW-11	decreasing	decreasing	Annual
LF1P-2	decreasing	decreasing	Annual
Tail Wells			
LF1MW-6	no trend	no trend	Annual
LF1MW-10	stable	probably decreasing	Biennial
LF1MW-12	non detect	non detect	Biennial
MWSAR03	increasing	increasing	Annual

2.2.4 Conclusions

Landfill Cap Inspections and Maintenance

The semiannual inspections have not identified any major deficiencies that would jeopardize the integrity of the cover and there is optimal vegetation cover on the cap. Inspections are also conducted following significant weather events (5-year storm events). No significant weather events occurred during 2014.

Landfill Gas Monitoring

Elevated methane concentrations continue to be recorded throughout the LF001 (Landfill 1 AOC). However, methane concentrations at POC gas monitoring probes (LF1GMP-13 through -17) remained non-detectable through the November 2014 sampling round. The absence of methane at the POC gas monitoring probes demonstrates continued protection of potential receptors. In addition, the passive gas trench installed near the northwestern perimeter of Landfill 1 to prevent methane migration into neighboring properties appears to remain effective. The effectiveness of the system is made apparent by the gradient established between LF1GMP-

4 and LF1GMP-19. LF1GMP-4 was installed between the landfill boundary and the passive gas trench (Figure 2-2); methane readings at this location have frequently exceeded the LEL. In contrast, LF1GMP-19 was installed just outside of both the landfill boundary and the passive gas trench and within 25 ft of LF1GMP-4 (Figure 2-2); methane readings at this location are consistently lower than those reported at LF1GMP-4 and in some sampling rounds orders of magnitude less.

Groundwater and Surface Water

VOC exceedances at the site are limited to two monitoring wells, LF1MW-5 and -11. LF1MW-5 and -11 have shown sustained exceedances. Figure 2-5 has been provided to illustrate the stable and/or decreasing total VOC concentrations at monitoring wells LF1MW -5 and -11 over time. All of the detections are within one order of magnitude of the NYS Groundwater Standard.

Landfill leachate indicators were above NYS groundwater and surface water standards at LF1MW-5, -11, -103, and LF1P-2. The exceedances included TKN, TDS, color and ammonia.

The concentrations of TKN, TDS, and ammonia at the overburden wells are comparable to previous results and below the typical range of municipal landfill leachate (Lee and Jones, 1991). This reference was used during the Baseline Study of the former Griffiss AFB Landfill AOCs and is provided in Table 2-4. LF1MW-103, the bedrock well, showed higher concentrations of indicator parameters ammonia and TKN compared to the overburden wells. The ammonia and TKN concentrations detected at LF1MW-103 were still within the typical range of municipal landfill leachate. The concentrations of other indicator parameters are generally low for the bedrock well, which discounts the possibility of leachate impacts. The higher concentrations at the bedrock well may also be attributed to differences in the geochemical environment of the water-table associated with the overburden well and the bedrock well; the difference in mineralogy between the bedrock (shale) and the overburden may account for the observed chemical differences.

Color concentrations reported during the June 2014 sampling round were higher than the previous sampling round at downgradient monitoring wells LF1MW-5, -13, LF1P-5 and MWSAR03, upgradient well LF1MW-1R, and surface water sampling locations LF1SW-1 and -2SMC. The increase may be attributed to natural conditions caused by greater rainfall and surface water runoff. One color exceedance occurred during the June 2014 sampling round (LF1MW-13), but the result was similar to previous sampling rounds.

The alkalinity and hardness concentrations at downgradient monitoring wells ranged from 35 mg/L to 490 mg/L, and 14 mg/L to 510 mg/L, respectively. Alkalinity and hardness concentrations at the LF001 LTM Network monitoring wells show no trends and are stable, respectively, as shown in Figure 2-6 and Figure 2-7. Alkalinity and hardness are important indicators of the plume extent because the landfill material tends to propagate microbial activity which generates carbon dioxide. This process increases the dissolution of minerals and alkalinity which increases hardness (Baedecker and Back, 1979). The stability of these parameters suggests that the landfill plume is fairly static.

For the June 2014 sampling round, alkalinity and hardness levels throughout the LTM network exceeded the level measured in the background well, LF1MW-1R (alkalinity was 35 mg/L and hardness was 110 mg/L). The highest levels of alkalinity and hardness are present in downgradient monitoring wells LF1MW-5, -11, and LF1P-2. Alkalinity levels appear to decrease as they approach the POC monitoring wells (LF1P-5 and LF1MW-13). The concentrations of leachate indicators alkalinity and hardness are plotted in Figure 2-8.

MAROS Analysis

Utilizing the results of the LTM sampling rounds, MAROS analysis was performed for the Landfill 1 AOC LTM network. Target COCs are selected for MAROS analysis based on recent VOC concentration exceedances at LF001 (Landfill 1 AOC). Results of the evaluation confirmed a decreasing trend at source monitoring wells for the selected target COCs (benzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, and chlorobenzene) (Appendix E).

Based on the results of over 50% of the tail monitoring wells, the evaluation confirmed a stable trend for 1,4-dichlorobenzene concentrations, a stable trend for chlorobenzene, no trend/non detect for benzene and non detect for 1,2-dichlorobenzene (Appendix E).

2.3 LTM RECOMMENDATIONS

Based on the groundwater and surface water LTM results, the landfill leachate concentrations are still within or below the typical range of municipal landfill leachate (Lee and Jones, 1991) and VOC concentrations are decreasing. The current scope of annual groundwater sampling and surface water sampling is recommended for 2015; please refer to Table 2-5 for the summary of the LF001 (Landfill 1 AOC) LTM Network. Groundwater flow was calculated to be 2,280 ft per year during the RI which is much higher than other landfills at the base. Therefore, it is also recommended to verify the groundwater flow at LF001 (Landfill 1 AOC) by conducting slug testing at existing monitoring wells.

Based on the landfill cap inspection and landfill gas monitoring results, it is recommended that the frequency be reduced from semiannual to annual. The semiannual inspections from 2011 to 2014 have indicated that vegetation growth on the landfill cap shows optimal coverage for erosion control and cover system stabilization. Additional inspections or maintenance will be performed as needed, as identified in the Landfill 1 O&M Manual (Conti, January 2005).

Landfill gas monitoring from 2011 to 2014 shows that elevated methane are stable and absent at all of the POC gas monitoring probes. If methane gas is detected at any of the perimeter POC wells and suspected of leaving the landfill boundary during future events, there will be an increase in frequency of gas sampling events to track upward trends and migration of methane.

3 LF002 (LANDFILL 2/3 AOC)

3.1 SITE BACKGROUND

3.1.1 Site History

Landfill 2/3, approximately 13 acres in size, is located on a topographic high point, east of Perimeter Road near the east-central boundary of the former Griffiss AFB. The landfills are bounded by the AFB boundary on the north, east and south sides, while areas to the west, southwest and northeast have been identified as wetlands. Figure 3-1 illustrates the landfill boundary and the location of existing monitoring wells.

The wastes at Landfill 2/3 consisted of hardfill in the southern portion of Landfill 2, on-board aircraft wastes in the northern portion of Landfill 2 and approximately 1 ton of wetted and double-bagged asbestos wastes in Landfill 3, located in the eastern portion of Landfill 2.Since Landfill 3 is situated within the boundary of Landfill 2, these two units are designated as a single AOC. Landfill 2 was in operation from 1973 to 1982, while Landfill 3 operated from 1980 to 1981. During a Landfill Cover Investigation performed in 1997 (LAW, December 1997) landfill waste was generally encountered at depths ranging from 1 to 4 ft. The total thickness of the debris was not determined. At some locations, auger borings that extended to 4 ft failed to penetrate through the cover to the landfill waste. The asbestos wastes in Landfill 3 were disposed of in an 8 foot deep pit.

The ROD for LF002 (Landfill 2/3 AOC) was signed by the USEPA on June 5, 2000. In accordance with the ROD, the landfill was re-graded and capped in summer 2003. The cap components include a gas venting layer with an 18 inch low permeability soil layer, covered by a 6 inch layer of topsoil with grass seed on top. Five-Year Reviews were conducted in 2005 and 2010. Both Five-Year Reviews indicated that the selected remedy is protective of human health and the environment.

3.1.2 Site Geology and Hydrogeology

Landfill 2/3 is located on a small hill of outwash, approximately 40 ft high on the eastern boundary of the base. Surface cover material consists of dark brown sandy silt with coarse gravel and cobbles. Deeper soils range from brown fine sand to brown, sandy, gravelly silt to approximately 55 ft below ground surface (bgs). Bedrock at the site is Utica Shale that was encountered at depths up to 50 ft bgs.

Groundwater flow is very gradual to the southwest in the area of Landfill 2/3. Water-level measurements in December 1998 showed the water table elevation ranged from 521.4 ft MSL in well LF2MW-3 on the northeast edge of this area, to 519.8 ft MSL at well LF2MW2-2 near the western edge of the landfill boundary. The saturated zone was encountered at depths ranging from 48.3 ft bgs in well LF2MW-6 to 17.0 ft bgs in well LF2MW2-2. Saturated thickness increases in depth from outside the west-central area of the landfill to outside the northwest part of the landfill (Law, December 1996).

The average site-specific hydraulic conductivity within the vicinity of Landfill 2/3 is 14.5 ft per day, with a hydraulic gradient of 0.0084 ft per foot. Estimating the porosity to be 20 percent, the groundwater flow has been calculated to be 222 ft per year (Law, December 1996). Groundwater flow is very gradual to the southwest in the area of Landfill 2/3.

3.1.3 Previous LTM Activities and Results

For readability, the hydrology setting, previous investigations, and LTM sampling plan sections have been removed from this report. These sections are provided in the 2009 Landfill AOCs LTM Report (FPM, November 2010).

LTM was initiated at the site in December 2003 in accordance with the LF002 (Landfill 2/3 AOC) Closure Plan (Conti & EA, March 2002) at six monitoring wells (LF2MW2-1, LF2MW-4, -12, -13, -14, and -100) and three surface water locations (LF2SW-1, -2, and -3). The LTM network was analyzed quarterly (routine) and annually (baseline) for NYSDEC Part 360 Parameters and VOCs from 2003 through 2005. The LTM network (groundwater and surface water monitoring) was optimized to semi-annual from 2006 through 2008, annual for 2009 and 2010 and then to biennial from 2011 through 2013. All recommendations to alter the sampling network were provided in previous Landfill AOCs LTM Reports and reviewed by the USEPA and NYSDEC.

VOCs, cyanide, mercury and phenols were analyzed until 2006 and then removed from the LTM sampling network due to their low or absent concentrations at the site. Landfill leachate indicators previously detected above the NYS Groundwater/Surface water standards included ammonia, chloride, bromide, color, TDS, TKN and nitrate. The landfill leachate indicator detections showed stable trends. TDS at LF002 has historically been detected near or below the NYS Groundwater Standard of 500 mg/L at all monitoring wells with the exception of LF2MW-100 (bedrock well). The TDS at LF2MW-100 has historically been detected above 2,000 mg/L. The TDS is higher at this well because the sampling method (bailing) produces a greater amount of suspended solids in the sample. All TDS exceedances are within one order of magnitude of the TDS standard.

Metals analysis for this site showed levels above NYS Groundwater Standards. Metals that exceed standards include barium, manganese, iron, sodium, aluminum, chromium, and nickel. However, several of the metals (e.g., manganese, iron, and sodium) are indicative of base background conditions. As a result, metals analysis was eliminated from the LF002 (Landfill 2/3 AOC) LTM network in 2001 in accordance with the LF002 (Landfill 2/3 AOC) Optimization Plan (CAPE/FPM, November 2011).

Landfill gas monitoring has been performed at Landfill 2/3 to identify the presence and concentration of methane at or near the landfill. A total of nine gas monitoring probes and 14 landfill gas vents were monitored on a quarterly basis from October 2005 until May 2010. Landfill gas sampling was optimized after the spring 2010 sampling round and is now sampled semiannually. Results from the gas sampling events at Landfill 2/3 continue to show site-wide stabilization of methane concentrations.

Since April 2005, landfill inspections and cover maintenance have been performed at Landfill 2/3. Inspections and maintenance were conducted on a quarterly basis and optimized after the spring 2010 sampling round to a semiannual basis. Landfill cover mowing is conducted on an annual basis (fall). LUC/ICs have been implemented by the ROD and are verified annually as part of the landfill cover inspection program. The fall inspections are performed in conjunction with the Base-wide LUC/IC Site Inspections.

The debris pile identified in the 2009 sampling event in the southern portion of the AOC was removed in March 2012 in association with Area of Interest (AOI) 474. A removal action was conducted in 2013 to remove approximately 60 cubic yards of metals contaminated soil. Confirmatory soil sampling results showed all contaminant concentrations were below the Title 6 of the New York Codes, Rules, and Regulations Part 375 Residential use Soil Cleanup Objectives. This AOI is not associated with LF002 (Landfill 2/3 AOC) and site closure is pending regulatory approval.

Previous LTM results are provided in detail in the Spring 2009 Landfill AOCs LTM Report (FPM, November 2010), Spring 2010 Landfill AOCs LTM Report (FPM, February 2012), 2011 Landfill AOCs LTM Report (FPM/CAPE, July 2012), 2012 Landfill AOCs LTM Report (FPM/CAPE, March 2013), and 2013 Landfill AOCs LTM Report (FPM/CAPE, February 2014).

3.2 LF002 (LANDFILL 2/3 AOC) – 2014 SITE ACTIVITIES

This section describes the LF002 (Landfill 2/3 AOC) site activities and monitoring data for 2014. The field activities include semiannual landfill cap inspections, semiannual landfill gas monitoring, annual landfill cap mowing, and biennial groundwater and surface water sampling. Biennial groundwater and surface water sampling was not conducted in 2014. The LF002 (Landfill 2/3 AOC) LTM Network sampling locations are illustrated in Figure 3-2.

3.2.1 Landfill Cap Inspections/Maintenance

The spring 2014 inspection was conducted in May 2014 and did not identify any major deficiencies that would jeopardize the integrity of the cover.

The fall 2014 inspection was conducted in November 2014 following landfill mowing. The annual landfill mowing event was conducted in October 2014. The inspection did not identify any major deficiencies that would jeopardize the integrity of the cover.

The semiannual inspection reports (Post-Closure Monitoring Reports) for spring 2014 and fall 2014 can be found in Appendix A.

3.2.2 Landfill Gas Monitoring

Landfill gas monitoring was performed at LF002 (Landfill 2/3 AOC) to identify the presence and concentration of methane at or near the landfill (NYSDEC, November 1999). Landfill gas monitoring was conducted in May 2014 and November 2014 at nine gas monitoring probes (LF2GMP-1 through -9) and fourteen gas vents (LF2VENT- 1 through -14) for methane

concentrations, LEL for methane, oxygen levels and carbon dioxide levels. These locations are also illustrated in Figure 3-2. The semiannual Landfill 2/3 gas results can be found in Table 3-1.

Spring 2014 landfill gas readings were taken in May 2014. LEL values did not equal or exceed 100% at any of the gas monitoring probes or gas vents.

Fall 2014 landfill gas readings were taken in November 2014. LEL values did not equal or exceed 100% at any of the gas monitoring probes or gas vents.

3.2.3 Conclusions

Landfill Cap Inspections and Maintenance

The semiannual inspections have not identified any major deficiencies that would jeopardize the integrity of the cover and there is optimal vegetation cover on the cap. Inspections are also conducted following significant weather events (5-year storm events).

Landfill Gas Monitoring

Results from the spring 2014 and fall 2014 landfill gas monitoring events continue to show site-wide stabilization of methane concentrations at the site. LEL values were below 100% and there were no elevated methane concentrations reported during the spring 2014 or fall 2014 round. No LEL values exceeding 100% or elevated methane concentrations were reported at any of the perimeter locations which suggests that methane is isolated to the landfill and is not migrating off the property.

3.3 LTM RECOMMENDATIONS

Biennial groundwater sampling and surface water sampling will be conducted in 2015, please refer to Table 3-2 for the summary of the LF002 (Landfill 2/3 AOC) LTM Network.

Based on the landfill cap inspection and landfill gas monitoring results, it is recommended that the frequency be reduced from semiannual to annual. The semiannual inspections from 2011 to 2014 have indicated that vegetation growth on the landfill cap shows optimal coverage for erosion control and cover system stabilization. Additional inspections or maintenance will be performed as needed, as identified in the Landfill 2/3 O&M Manual (Conti, December 2004).

Landfill gas monitoring from 2011 to 2014 shows that elevated methane are stable and absent at all of the POC gas monitoring probes. If methane gas is detected at any of the perimeter POC wells and suspected of leaving the landfill boundary during future events, there will be an increase in frequency of gas sampling events to track upward trends and migration of methane.

4 LF003 (LANDFILL 7 AOC)

4.1 SITE BACKGROUND

4.1.1 Site History

Landfill 7, approximately 11 acres, is located northeast of the main runway and south of Perimeter Road. Figure 4-1 illustrates the landfill boundary and the locations of existing monitoring wells.

The wastes at Landfill 7 consisted of domestic refuse, solid waste, liquid wastes, petroleum products, and miscellaneous Base operations waste (such as airplane parts), which were placed into four trenches in the landfill area and subsequently burned. Landfill 7 was active from 1950-1954. During a Landfill Cover Investigation performed in 1997 (LAW, December 1997), landfill waste was encountered from approximately 1.2 to 4 ft bgs. The total thickness of the debris was not determined.

The ROD for LF003 (Landfill 7 AOC) was signed by the USEPA on June 6, 2000. In accordance with the ROD, the landfill was re-graded and capped in 2002. The landfill was capped with an 18-inch low permeability soil layer, covered by a 6-inch layer of topsoil and seeded with grass. Five-Year Reviews were conducted in 2005 and 2010. Both Five-Year Reviews indicated that the selected remedy is protective of human health and the environment.

4.1.2 Site Geology and Hydrogeology

Landfill 7 rests on a sloping plane of low permeability Utica Shale bedrock. At the toe of the landfill, the bedrock is about 15 ft bgs. Clay glacial till overlies the Utica Shale and is found at depths ranging from 5 to 35 ft bgs. Deposits above the clay layer are comprised of unconsolidated glacial till which extends to the surface where the topography slopes to the southwest at a grade of approximately 10 percent.

The Baseline Study (FPM, July 2000) described the general south-southwest direction of groundwater flow as diverging to the west and south through the area of Landfill 7. Synoptic water-level measurements in December 1998 showed the depth to groundwater ranged from 502 ft MSL in well LF7MW-16 on the north edge of this area, to 480 ft MSL at well LF7MW-21 near the 30-inch storm drain outside the landfill boundary to the southwest. Both measurements were within 1 foot of those measured in these wells in 1993-4 (Law, December 1996). The Baseline Study also described the depth to the water table varied from a maximum of 28 ft bgs in well LF7MW-17 located at the topographic high in the center of landfill, to less than 1 foot in monitoring wells LF7MW-21 and LF7MW-23. LF7MW-23 is located within the boundary of the jurisdictional wetlands and adjacent to the 24-inch storm drain.

The average hydraulic conductivity in the vicinity of Landfill 7 was determined from monitoring well data collected during the Remedial Investigation (RI) (Law, December 1996) and calculated to be 9.04 ft per day, with a hydraulic gradient of 0.027 ft per foot. With an estimated porosity of 20 percent, groundwater was calculated to flow across the site at 445 ft per year (Law,

December 1996). The groundwater flow rate at Landfill 7 is estimated to be 445 ft per year (LAW, December 1996).

4.1.3 Previous LTM Activities and Results

For readability, the hydrology setting, previous investigations, and LTM sampling plan sections have been removed from this report. These sections are provided in the 2009 Landfill AOCs LTM Report (FPM, November 2010).

LTM was initiated at the site in February 2003 in accordance with the LF003 (Landfill 7 AOC) Closure Plan (Conti & EA, March 2002) at eight monitoring wells (LF7W-22, -23, -26, -27, -28, -29, -30, and -100) and two wetland surface water locations (LF7WL-3 and -4). These sampling locations are illustrated in Figure 4-2. The LTM network was analyzed quarterly (routine) and annually (baseline) for NYSDEC Part 360 Parameters and VOCs from 2003 through 2005. The LTM network (groundwater and surface water monitoring) was optimized to semi-annual from 2006 through 2008, annual for 2009 and 2010 and then to biennial from 2011 through 2013. All recommendations to alter the sampling network were provided in previous Landfill AOCs LTM Reports and reviewed by the USEPA and NYSDEC.

VOCs, mercury, PCBs and all leachate indicators were removed from the Landfill 7 LTM network analysis list in spring 2006, due to their low or absent concentrations at the site. Landfill leachate indicators previously detected above the NYS groundwater/surface water standards included color, TDS, and TKN. Landfill leachate indicator detections at monitoring wells and surface water sampling locations showed stable trends and metals analysis showed levels above NYS Groundwater Standards. Metals in exceedance include magnesium, manganese, iron, sodium, aluminum, chromium, and nickel. However, several of the metals (e.g., manganese, iron, and sodium) are indicative of base background conditions. As a result, metals analysis was eliminated from the Landfill 7 LTM network in 2001 in accordance with the LF003 (Landfill 7 AOC) Optimization Plan (CAPE/FPM, November 2011).

Since September 2003, landfill inspections and cover maintenance have been performed at Landfill 7. Inspections and maintenance were conducted on a quarterly basis and optimized after the spring 2010 sampling round to a semiannual basis. Landfill cover mowing is conducted on an annual basis (fall). LUC/ICs have been implemented by the ROD and are verified annually as part of the landfill cover inspection program. The fall inspections are performed in conjunction with the Base-wide LUC/IC Site Inspections.

Previous LTM results are provided in detail in the Spring 2009 Landfill AOCs LTM Report (FPM, November 2010), Spring 2010 Landfill AOCs LTM Report (FPM, February 2012), 2011 Landfill AOCs LTM Report (FPM/CAPE, July 2012), 2012 Landfill AOCs LTM Report (FPM/CAPE, March 2013), and 2013 Landfill AOCs LTM Report (FPM/CAPE, February 2014).

4.2 LF003 (LANDFILL 7 AOC) – 2014 SITE ACITIVITIES

This section describes the LF003 (Landfill 7 AOC) site activities for 2014. The site activities include semiannual landfill cap inspections, biennial groundwater and surface water sampling,

and annual landfill cap mowing. Biennial groundwater and surface water sampling was not conducted in 2014. The LF003 (Landfill 7 AOC) LTM Network sampling locations are illustrated in Figure 4-2.

4.2.1 Landfill Cap Inspections/Maintenance

The spring 2014 inspection was conducted in May 2014 and did not identify any major deficiencies that would jeopardize the integrity of the cover.

The fall 2014 inspection was conducted in November 2014 following landfill mowing. The annual landfill mowing event was conducted in October 2014. The inspection did not identify any major deficiencies that would jeopardize the integrity of the cover.

The semiannual inspection reports (Post-Closure Monitoring Reports) for spring 2014 and fall 2014 can be found in Appendix A.

4.3 CONCLUSIONS

Landfill Cap Inspections and Maintenance

The semiannual inspections have not identified any major deficiencies that would jeopardize the integrity of the cover and there is optimal vegetation cover on the cap. Inspections are also conducted following significant weather events (5-year storm events).

4.4 LTM RECOMMENDATIONS

Biennial groundwater sampling and surface water sampling will be conducted in 2015, please refer to Table 4-1 for the summary of the LF003 (Landfill 7 AOC) LTM Network.

Based on the landfill cap inspections it is recommended that the frequency be reduced from semiannual to annual. The semiannual inspections from 2011 to 2014 have indicated that vegetation growth on the landfill cap shows optimal coverage for erosion control and cover system stabilization. Additional inspections or maintenance will be performed as needed, as identified in the Landfill 7 O&M Manual (Conti, May 2004).

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5 LF007 (LANDFILL 5 AOC)

5.1 SITE BACKGROUND

5.1.1 Site History

Landfill 5 encompasses approximately 4 acres and is located in the south-central portion of the former Base, south of Patrick Square, immediately southwest of the unpaved access road and east of Three Mile Creek. Figure 5-1 illustrates the landfill boundary together with the location of existing monitoring wells.

The waste at Landfill 5 consisted of domestic wastes, reportedly having been burned and then buried. Approximately 18,000 CY of wastes were disposed of at the site from 1950-1960. During a Landfill Cover Investigation performed in 1997 (LAW, December1997) landfill waste was encountered from approximately 0.8 to 2.4 ft bgs. The total thickness of the debris was not determined.

The ROD for LF007 (Landfill 5 AOC) was signed by the USEPA on June 5, 2000. In accordance with the ROD, the landfill was re-graded and capped in 2002. The cap components include an 18 inch low permeability soil layer, covered by a 6 inch layer of topsoil with grass seed on top. Five-Year Reviews were conducted in 2005 and 2010. Both Five-Year Reviews indicated that the selected remedy is protective of human health and the environment.

5.1.2 Site Geology and Hydrogeology

Shallow site soils consist of sandy peat, silty fine sand, and sandy silt to a depth of 2 ft bgs. Deeper soils consist of fine brown sand with varying amounts of silt and gravel from 2 ft bgs to 20 ft bgs.

The Baseline Study (FPM, July 2000) indicated that the principal groundwater flow directions at Landfill 5 are to the west in the area bordering the northern part of the landfill and to the southwest in the central and southern parts of the landfill. The southern portion of the site is near the floodplain of Three Mile Creek, adjacent to wetland areas. Some groundwater drainage from Landfill 5 may flow into the wetland area and to the pond located to the southeast of the landfill site.

The average hydraulic conductivity in the vicinity of Landfill 5 was determined from monitoring well data collected during the RI (Law, December 1996) and calculated to be 30 ft per day, with a hydraulic gradient of 0.0044 ft per foot. With an estimated porosity of 20 percent, groundwater was calculated to flow across the site at 240.51 ft per year (Law, December 1996). Principal groundwater flow directions at Landfill 5 are to the west in the area bordering the northern part of the landfill and to the southwest in the central and southern parts of the landfill.
The June 2003 synoptic water-level measurements showed the depth to groundwater varied from 4.85 ft bgs in well LF5MW-5 to 20.85 ft bgs in well LF5MW-1A. The groundwater depths reported in the Supplemental Investigation (SI) (E&E, November 1998) ranged from about 3 to 4 ft bgs in well LF5MW-4 to nearly 15 ft bgs in well LF5MW-2.

5.1.3 Previous LTM Activities and Results

For readability, the hydrology setting, previous investigations, and LTM sampling plan sections have been removed from this report. These sections are provided in the 2009 Landfill AOCs LTM Report (FPM, November 2010).

LTM was initiated at the site in February 2003 in accordance with the LF007 (Landfill 5 AOC) Closure Plan (Conti & EA, July 2002) at five monitoring wells (LF5MW-1A, -3, -5, -100R, and MW49D07) and three surface water locations (LF5SW-1, -2, and -3). The sampling locations are illustrated in Figure 19. The LTM network was analyzed quarterly (routine) and annually (baseline) for NYSDEC Part 360 Parameters and VOCs from 2003 through 2005. The LTM network (groundwater and surface water monitoring) was optimized to semi-annual from 2006 through 2008, annual for 2009 and 2010 and then to biennial from 2011 through 2013. All recommendations to alter the sampling network were provided in previous Landfill AOCs LTM Reports and reviewed by the USEPA and NYSDEC.

VOC and PCB analysis conducted at the site did not show any detections above standards at the overburden monitoring wells or surface water sampling locations. PCB exceedances were reported at LF5MW-100R (bedrock well) in 2005 and 2006. No PCBs were detected at this location in 2007 and 2008, however. Landfill leachate indicators previously detected above the NYS groundwater/surface water standards included ammonia, bromide, chloride, color, nitrate, sulfate, TDS, and TKN. The landfill leachate indicators detections showed stable trends before the analysis was removed from the LTM network in 2006. Metals analysis for this site showed levels above NYS Groundwater Standards. Metals detected above standards include manganese, iron, sodium, aluminum, chromium, and nickel. However, several of the metals (e.g., manganese, iron, and sodium) are indicative of base background conditions. As a result, metals analysis was eliminated from the Landfill 5 LTM network in 2001 in accordance with the LF007 (Landfill 5 AOC) Optimization Plan (CAPE/FPM, November 2011).

Landfill inspections and cover maintenance have been performed at Landfill 5 since September 2003. Inspections and maintenance were conducted on a quarterly basis and optimized after the spring 2010 sampling round to a semiannual basis. Landfill cover mowing is conducted on an annual basis (fall). LUC/ICs have been implemented by the ROD and are verified quarterly as part of the landfill cover inspection program. The fall inspections are performed in conjunction with the Base-wide LUC/IC Site Inspections.

Previous LTM results are provided in detail in the Spring 2009 Landfill AOCs LTM Report (FPM, November 2010), Spring 2010 Landfill AOCs LTM Report (FPM, February 2012), 2011 Landfill AOCs LTM Report (FPM/CAPE, July 2012), 2012 Landfill AOCs LTM Report (FPM/CAPE, March 2013), and 2013 Landfill AOCs LTM Report (FPM/CAPE, February 2014).

5.2 LF007 (LANDFILL 5 AOC) – 2014 SITE ACTIVITIES

This section describes the LF007 (Landfill 5 AOC) site activities for 2014. The site activities include semiannual landfill cap inspections, biennial groundwater and surface water sampling,

and annual landfill cap mowing. Biennial groundwater and surface water sampling was not conducted in 2014. The LF007 (Landfill 5 AOC) LTM Network sampling locations are illustrated in Figure 5-2.

5.2.1 Landfill Cap Inspections/Maintenance

The spring 2014 inspection was conducted in May 2014 and did not identify any major deficiencies that would jeopardize the integrity of the cover.

The fall 2014 inspection was conducted in November 2014 following landfill mowing. The annual landfill mowing event was conducted in October 2014. The inspection did not identify any major deficiencies that would jeopardize the integrity of the cover.

The semiannual inspection reports (Post-Closure Monitoring Reports) for spring 2014 and fall 2014 can be found in Appendix A.

5.2.2 Conclusions

Landfill Cap Inspections and Maintenance

The semiannual inspections have not identified any major deficiencies that would jeopardize the integrity of the cover and there is optimal vegetation cover on the cap. Inspections are also conducted following significant weather events (5-year storm events).

5.3 LTM RECOMMENDATIONS

Biennial groundwater sampling and surface water sampling will be conducted in 2015, please refer to Table 5-1 for the summary of the Landfill 5 AOC LTM Network.

Based on the landfill cap inspections it is recommended that the frequency be reduced from semiannual to annual. The semiannual inspections from 2011 to 2014 have indicated that vegetation growth on the landfill cap shows optimal coverage for erosion control and cover system stabilization. Additional inspections or maintenance will be performed as needed, as identified in the Landfill 5 O&M Manual (Conti, May 2004).

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6 LF009 (LANDFILL 6 AOC)

6.1 SITE BACKGROUND

6.1.1 Site History

Landfill 6 is an unlined landfill comprising of approximately 15.7 acres located near the southern boundary of the former Griffiss AFB, between Perimeter Road and Three Mile Creek (TMC). The southern edge of the landfill is bound by a dirt access road. Figure 6-1 illustrates the landfill boundary and the locations of existing monitoring wells.

The wastes at Landfill 6 consisted of general refuse and hardfill that was buried and some of which was burned at the site. An estimated 38,000-62,000 CY of wastes were disposed at the site from 1955-1959. The total thickness of general refuse and hardfill is not known. During the 1980s, although the landfill was no longer active, an unknown quantity of fuel-contaminated soil from the tank excavations at Tank Farms 1 and 3 was disposed of in the southern portion of Landfill 6. The contaminated fill was reportedly placed in compacted 6-inch layers to a total depth of 3 ft bgs and the cap consisted of a 12-inch clay layer, covered by at least 6 inches of topsoil and seeded with grass.

The ROD for LF009 (Landfill 6 AOC) was signed by the USEPA on June 7, 2001. In accordance with the ROD, the landfill was re-graded and capped in 2004. The cap components include a 12-inch gas venting layer, a 40-mil[1] linear low density polyethylene geomembrane liner, a geocomposite drainage net, a minimum 12 inch thick barrier protection layer, and a minimum 6 inch thick layer of topsoil. A portion of the fill material used at Landfill 6 consisted of soil/debris from various on-base projects, including: approximately 52,600 CY of material from the TMC restoration project, approximately 3,000 CY of cobbles from the Apron 1 biopile remediation project and approximately 2 CY of soil from the Rainbow Creek remediation project. Five-Year Reviews were conducted in 2005 and 2010. Both Five-Year Reviews indicated that the selected remedy is protective of human health and the environment.

6.1.2 Site Geology and Hydrogeology

Surface cover material consists of brown silty fine sand with coarse gravel and cobbles. Deeper soils, from 2 to 74 ft bgs, consist of predominantly brown fine sand with variable silt and gravel. Landfill 6 rests on low permeability Utica Shale bedrock, which was encountered at 104 ft bgs in well LF6MW4-2R (466.13 ft MSL) (Law, December 1996).

Based on groundwater data from seven groundwater monitoring wells at the site, groundwater flows south-southwest toward Three Mile Creek. During the RI, the saturated zone was encountered at 9 to 60.5 ft bgs, with groundwater elevations declining approximately 9 ft across the site (based on water levels recorded in seven monitoring wells across the site). During a groundwater study conducted in 2000 (E&E, August 2000), the saturated zone was encountered from 2.6 ft to 64.7 ft bgs, with an average of about 19 ft bgs across the site (based on water levels recorded in 12 monitoring wells).

[1] "mil" is a thousandth of an inch

The average hydraulic conductivity in the vicinity of Landfill 6 was determined from monitoring well data collected during the RI (Law, December 1996) and calculated to be 3 ft per day, with a hydraulic gradient of 0.00057 ft per foot. With an estimated porosity of 20 percent, groundwater was calculated to flow across the site at 31.2 ft per year (Law, December 1996). Groundwater flows south-southwest toward TMC at Landfill 6.

6.1.3 Previous LTM Activities and Results

For readability, the hydrology setting, previous investigations, and LTM sampling plan sections have been removed from this report. These sections are provided in the 2009 Landfill AOCs LTM Report (FPM, November 2010).

LTM was initiated at the site in June 2006 in accordance with the LF009 (Landfill 6 AOC) Closure Plan (Conti & EA, December 2003) at 19 monitoring wells (775VMW-10, -18R, -20R, LF6MW-1, -12, LF6VMW-10R2, -17D, -17S, -18, -19, -20, -21, -22, -23, -24, -25, -26, TMCMW-9 and TMC-USGS-2), three surface water locations (LF6SW-1, -2, -3), and one wetland sampling location (LF6W-1). As recommended by the NYSDEC, landfill leachate sampling locations LF6LH-1 and -2 were added to the LF009 (Landfill 6 AOC) LTM network in December 2006. These sampling locations are illustrated in Figure 6-2. The LTM network was analyzed quarterly (routine) and annually (baseline) for NYSDEC Part 360 Parameters and VOCs from 2006 to 2009. The LTM network (groundwater and surface water monitoring) was optimized to semi-annual for 2010 and then to annual from 2011 through 2013. All recommendations to alter the sampling network were provided in previous Landfill AOCs LTM Reports and reviewed by the USEPA and NYSDEC.

VOCs detected above the NYS groundwater/surface water standards include trichloroethene (TCE), cis-1,2 dichloroethene (DCE), trans-1,2 DCE, and vinyl chloride (VC). Exceedances occur at monitoring wells 775VMW-10, LF6MW-12, and LF6VMW-26. Landfill leachate indicators detected above associated standards included chloride, color, TDS, and TKN.

Landfill gas monitoring has been performed at the site to identify the presence and concentration of methane at or near the landfill. A total of 13 gas monitoring probes and 16 landfill gas vents were monitored on a quarterly basis from October 2005 until October 2009. Landfill gas sampling was optimized after the October 2009 sampling round to semiannual. Results from the gas sampling events at LF009 (Landfill 6 AOC) showed elevated methane concentrations throughout the landfill, but these levels have declined.

Landfill inspections and cover maintenance have been performed at the site since 2006. Inspections and maintenance were conducted on a quarterly basis and optimized after the spring 2010 sampling round to a semiannual basis. Landfill cover mowing is conducted on an annual basis (fall). LUC/ICs have been implemented by the ROD and are verified annually as part of the landfill cover inspection program. The fall inspections are performed in conjunction with the Base-wide LUC/IC Site Inspections.

Previous LTM results are provided in detail in the Spring 2009 Landfill AOCs LTM Report (FPM, November 2010), Spring 2010 Landfill AOCs LTM Report (FPM, February 2012), 2011 Landfill AOCs LTM Report (FPM/CAPE, July 2012), 2012 Landfill AOCs LTM Report (FPM/CAPE, March 2013), and 2013 Landfill AOCs LTM Report (FPM/CAPE, February 2014).

6.2 LF009 (LANDFILL 6 AOC) – 2014 SITE ACTIVITIES

This section describes the LF009 (Landfill 6 AOC)site activities and monitoring data for 2014. The field activities include semiannual landfill cap inspections, semiannual landfill gas monitoring, annual landfill cap mowing, and annual groundwater and surface water sampling. The Landfill 6 AOC LTM Network sampling locations are illustrated in Figure 6-2.

6.2.1 Landfill Cap Inspections/Maintenance

The spring 2014 inspection was conducted in May 2014 and did not identify any major deficiencies that would jeopardize the integrity of the cover.

The fall 2014 inspection was conducted in November 2014 following landfill mowing. The annual landfill mowing event was conducted in October 2014. The inspection did not identify any major deficiencies that would jeopardize the integrity of the cover.

The semiannual inspection reports (Post-Closure Monitoring Reports) for spring 2014 and fall 2014 can be found in Appendix A.

6.2.2 Landfill Gas Monitoring

Landfill gas monitoring was conducted at 13 gas monitoring probes (LF6GMP-1 through -13) and sixteen gas vents (LF6VENT-1 through -16) in May 2014 and November 2014 for methane concentrations, LEL for methane, oxygen concentrations and carbon dioxide concentrations. These locations are also illustrated in Figure 6-2. The semiannual LF009 (Landfill 6 AOC) gas results are presented in Table 6-1.

Landfill gas readings were taken in May 2014. There were no LEL values that equaled or exceeded 100% at any of the thirteen gas monitoring probes or the sixteen gas vents. There were no elevated methane concentrations recorded at any of the gas monitoring probes. Methane was detected at gas vent (LF6VENT-4) at a concentration of 4.0 ppm.

Landfill gas readings were also taken in November 2014. There were no LEL values that equaled or exceeded 100% at any of the thirteen gas monitoring probes. There were no elevated methane concentrations recorded at any of the gas monitoring probes or the gas vents.

6.2.3 Groundwater and Surface Water Monitoring

Groundwater and surface water monitoring was conducted in June 2014 at 19 monitoring wells (LF6MW-1, -12, LF6VMW-10R2, -17S, -17D, -18, -19, -20, -21, -22, -23, -24, -25, -26, 775VMW-10, -18R, -20R, TMCMW-9 and TMC-USGS-2), two leachate locations (LF6LH-1

and -2), one wetland location (LF6W-1) and three surface water locations (LF6SW-1, -2 and -3) for landfill leachate indicators in June 2014. Additionally, VOC analysis was performed at monitoring wells 775VMW-10, LF6VMW-12, -24, -25, -26, and TMCMW-9, surface water locations LF6SW-1, -2, -3, wetland sample LF6W-1. These locations are also illustrated in Figure 6-2.

All sampling activities were performed in accordance with the Updated 2014 UFP QAPP for Performance Based-Remediation at the Former Griffiss AFB (CAPE/FPM, June 2014). All groundwater and surface water monitoring analytical data, which are presented in Table 6-2. Daily CQCRs completed during the June 2014 sampling round is provided in Appendix B. The complete list of analytes and the validated laboratory data are attached in Appendix C and the raw laboratory data are available in Appendix D.

6.2.3.1 Groundwater Monitoring Results

VOCs

Monitoring wells with VOC exceedances included 775VMW-10, LF6MW-12, and LF6VMW-26.

- Acetone exceeded the NYS Groundwater Standards at monitoring well LF6MW-12 (970 µg/L). The NYS Groundwater Standard for acetone is 50 µg/L.
- TCE exceeded the NYS Groundwater Standards at monitoring well 775VMW-10 (36.0 µg/L). The NYS Groundwater Standard for TCE is 5 µg/L.
- cis-1,2 DCE exceeded the NYS Groundwater Standards at monitoring wells LF6MW-12 (1,600 µg/L) and LF6MW-26 (97 µg/L). The NYS Groundwater Standard for cis-1,2 DCE is 5 µg/L.
- VC exceeded the NYS Groundwater Standards at monitoring well LF6MW-12 (29 µg/L). The NYS Groundwater Standard for VC is 2 µg/L.
- Trans-1,2 DCE exceeded the NYS Groundwater Standards at monitoring well LF6MW-12 (13 µg/L). The NYS Groundwater Standard for trans-1,2 DCE is 5 µg/L.

These VOC exceedances are addressed under the SD052-04 Landfill 6 Operable Unit (On-base Groundwater Site). The ROD for this site was issued by the Air Force in December 2008 and signed by the USEPA in March 2009. The selected remedy has been implemented. However, the protectiveness of the remedy is still being evaluated (FPM, February 2013). The latest performance monitoring results are provided in the Draft Performance Monitoring Report for On-Base Groundwater AOCs (FPM, March 2015).

Leachate Indicators

Monitoring wells with leachate indicator exceedances included 775VMW-10, -18R, LF6MW-1, -12, LF6VMW-10R2, -24, -26, and TMCMW-9.

- TDS exceeded the NYS Groundwater Standards at monitoring wells 775VMW-18R (1,000 J mg/L), LF6MW-1 (1,700 mg/L), LF6MW-12 (1,300 mg/L), LF6VMW-24 (760 JB mg/L), LF6VMW-26 (550 mg/L), and TMCMW-9 (670 B mg/L). The NYS Groundwater Standard for TDS is 500 mg/L.
- Chloride exceeded the NYS Groundwater Standards at monitoring wells 775VMW-18R (490 mg/L), LF6MW-1 (760 mg/L), and LF6VMW-24 (380 mg/L). The NYS Groundwater Standard for chloride is 250 mg/L.
- Color exceeded the NYS Groundwater Standards at monitoring wells 775VMW-10 (50 pcu) and LF6VMW-10R2 (20 J pcu). The NYS Groundwater Standard for color is 15 pcu.

The J data qualifier indicates that the analyte was positively identified, but the quantitation is an estimation. The B data qualifier indicates that the analyte was found in the associated blank, as well as in the sample.

Synoptic Results

The following summarizes the groundwater elevations (above MSL) for each monitoring well sampled at LF009 (Landfill 6 AOC) in the June 2014 sampling round: 775VMW-10 (457.94 ft), -18R (459.31 ft), -20R (456.75 ft), LF6MW-1 (457.63 ft), -12 (453.03 ft), LF6VMW-10R2 (453.34 ft), -17D (455.14 ft), -17S (456.95 ft), -18 (452.45 ft), -19 (452.33 ft), -20 (454.37 ft), -21 (455.26 ft), -22 (453.94 ft), -23 (454.01 ft), -24 (453.96 ft), -25 (454.88 ft), -26 (453.13 ft), TMCMW-9 (454.84 ft) and TMC-USGS-2 (450.94 ft). The groundwater contours are illustrated in Figure 6-3.

6.2.3.2 Surface Water Monitoring Results

VOCs

No VOC exceedances were reported.

Leachate Indicators

TKN exceeded the NYS Groundwater Standards at sampling locations LF6LH-1 (11 mg/L), LF6LH-2 (2.7 mg/L), and LF6W-1 (1.1 mg/L). The NYS Groundwater Standard for TKN is 1 mg/L.

Color exceeded the NYS Groundwater Standards at sampling locations LF6SW-2 (50 pcu), -3 (60 pcu), and LF6LH-1 (25 pcu). The NYS Groundwater Standard for color is 15 pcu.

TDS exceeded the NYS Groundwater Standards at sampling locations LF6SW-1 (510 B mg/L) and LF6SW-2 (510 B mg/L). The NYS Groundwater Standard for TDS is 500 mg/L.

6.2.4 Conclusions

Landfill Cap Inspections and Maintenance

The semiannual inspections have not identified any major deficiencies that would jeopardize the integrity of the cover and there is optimal vegetation cover on the cap. Inspections are also conducted following significant weather events (5-year storm events).

Landfill Gas Monitoring

Spring 2014 landfill gas readings were taken in May 2014. LEL values did not equal or exceed 100% at any of the gas monitoring probes or gas vents.

Fall 2014 landfill gas readings were taken in November 2014. LEL values did not equal or exceed 100% at any of the gas monitoring probes or gas vents.

Groundwater and Surface Water

As listed in the final Remedial Action (RA) Work Plan (WP) (Parsons, July 2008), the selected remedy for SD052-04 Landfill 6 Operable Unit is enhanced bioremediation. This process is intended to increase biodegradation of the groundwater contaminants by injecting a vegetable oil emulsion into the ground upgradient of monitoring well LF6MW-12. The vegetable oil emulsion accelerates the natural breakdown of the chemicals, reducing the concentration of contaminants. To assess the effectiveness of the injections, semiannual performance sampling is conducted independent from the LF009 (Landfill 6 AOC) LTM sampling. Performance monitoring reports are issued independently of this report.

The relatively high concentrations of cis-1,2-DCE and TCE found at monitoring wells LF6MW-12 and LF6VMW-26 do not appear to be directly impacting downgradient surface water locations along Three Mile Creek. TCE detections were previously recorded at surface water sampling locations LF6SW-1 and -2, but they were one-time occurrences with concentrations well below their respective reporting limits. Daughter compounds associated with the breakdown of TCE have not been detected at any of the three surface water sampling locations since surface water sampling began in July 2006. The TCE plume is illustrated in Figure 6-2.

Landfill leachate indicators were above NYS Groundwater and Surface Water Standards at 775VMW-10, -18R, LF6MW-1, -12, LF6VMW-10R2, -24, -26, TMCMW-9, LF6LH-1, -2, and LF6SW-1, -2 and -3. The exceedances included color, chloride, TDS, and TKN.

All concentrations of leachate indicators at the overburden wells and surface water locations were comparable to previous results and were below/within the typical range of municipal landfill leachate (Lee and Jones, 1991).

This reference was used during the Baseline Study of the former Griffiss AFB Landfill AOCs and is provided in Table 2-4. The leachate indicators at 775VMW-10, -18R, LF6MW-1, -12, LF6VMW-24, -26, and TMCMW-9 are not believed to be associated with landfill leachate. 775VMW-10, -18R and LF6MW-1 are upgradient wells. The leachate indicators at LF6MW-12, LF6VMW-10R2, -24, and TMCMW-9 are believed to be associated with the Building 775 and Landfill 6 TCE plume. LF6MW-12 is located within the plume and LF6VMW-10R2, -24 and TMCMW-9 are located adjacent to the plume. This plume is addressed under SD052-04 (Landfill 6 Operable Unit). The leachate indicators were detected in surface water samples at similar concentrations as previous LTM rounds except for LF6LH-2. TKN was detected at LF6LH-2 with a concentration of 2.7 mg/L which is an increase from previous LTM rounds, except the June 2013 LTM round where TKN was detected at a concentration of 26 mg/L. Any trend at this location will be confirmed with additional annual LTM results.

The alkalinity and hardness concentrations were reported from 4.3 mg/L to 650 mg/L, and 30 mg/L to 880 mg/L, respectively. Alkalinity and hardness are important indicators of the plume extent because the landfill material tends to propagate microbial activity which generates carbon dioxide. This process increases the dissolution of minerals and alkalinity which increases hardness (Baedecker and Back, 1979). The highest hardness concentration detected at a monitoring well was 880 mg/L (LF6MW-12). The alkalinity and hardness concentrations at monitoring wells in the LF009 (Landfill 6 AOC) LTM Network showed sporadic trends as shown in Figure 6-4 (alkalinity) and 6-5 (hardness). There was an increase in hardness at surface water location LF6LH-2 which also showed an increase in TKN in the June 2013 round. Concentrations decreased in the June 2014 round, but still remain high. Additional annual LTM rounds will need to be conducted to confirm any trends.

For the June 2014 sampling round, hardness levels throughout the LTM network were similar to the levels measured in the background/upgradient wells. The concentrations of leachate indicators alkalinity and hardness are plotted in Figure 6-6.

6.3 LTM RECOMMENDATIONS

Based on the groundwater and surface water LTM results, the landfill leachate concentrations are still within or below the typical range of municipal landfill leachate (Lee and Jones, 1991). VOC contamination detected during the LF009 (Landfill 6 AOC) LTM events is associated with SD052-04 (Landfill 6 OU). VOCs are also monitored under SD052-04 (Landfill 6 OU) on a semi-annual basis. The current scope of annual groundwater sampling and surface water sampling is recommended for 2015; please refer to Table 6-4 for the summary of the LF009 (Landfill 6 AOC) LTM Network.

Based on the landfill cap inspection and landfill gas monitoring results, it is recommended that the frequency be reduced from semiannual to annual. The semiannual inspections from 2011 to 2014 have indicated that vegetation growth on the landfill cap shows optimal coverage for erosion control and cover system stabilization. Additional inspections or maintenance will be performed as needed, as identified in the Landfill 6 O&M Manual (Conti, December 2006).

Landfill gas monitoring from 2011 to 2014 shows that elevated methane levels are stable or absent at all of the POC gas monitoring probes. If methane gas is detected at any of the perimeter POC wells and suspected of leaving the landfill boundary during future events, there will be an increase in frequency of gas sampling events to track upward trends and migration of methane.

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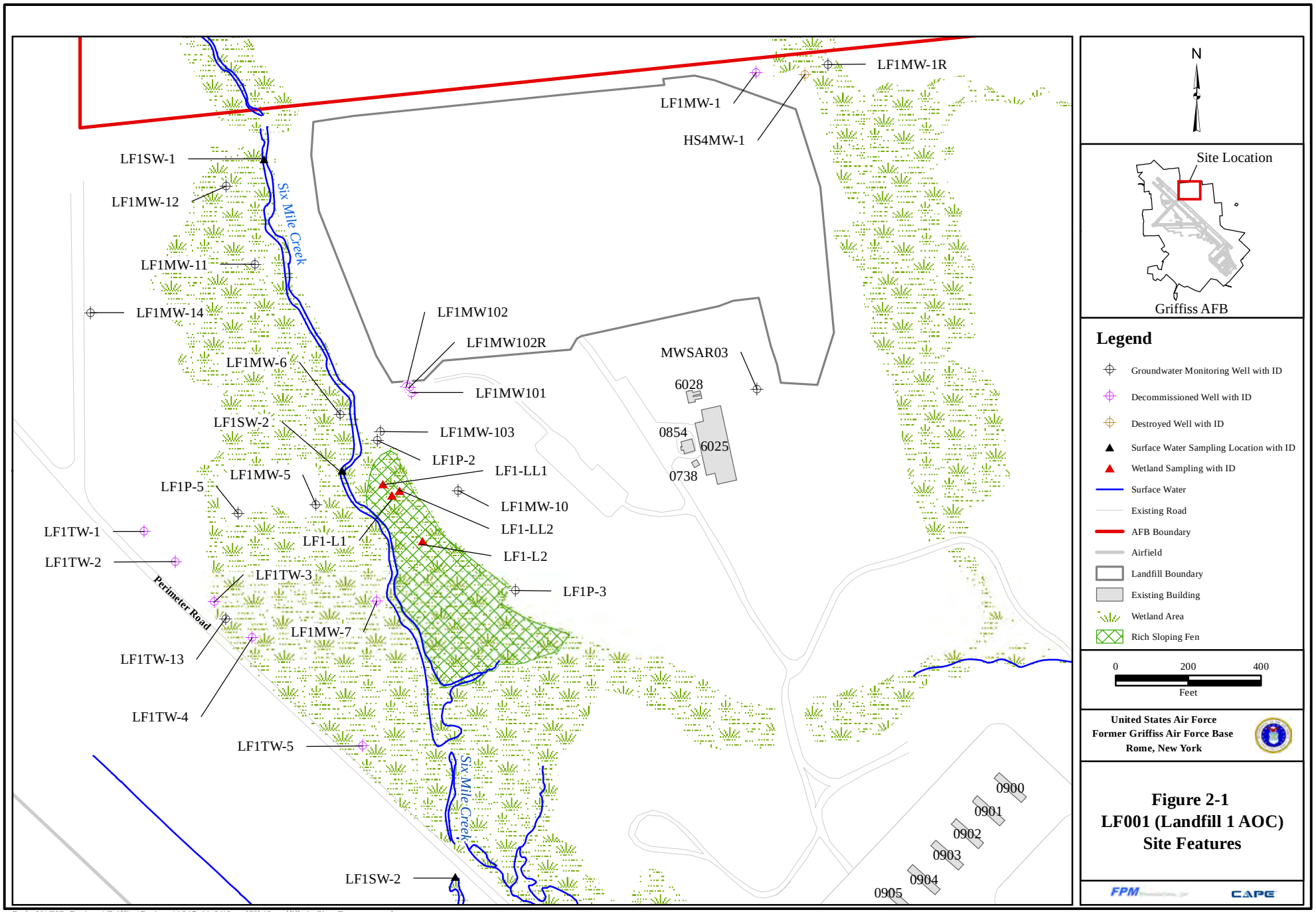
FIGURES



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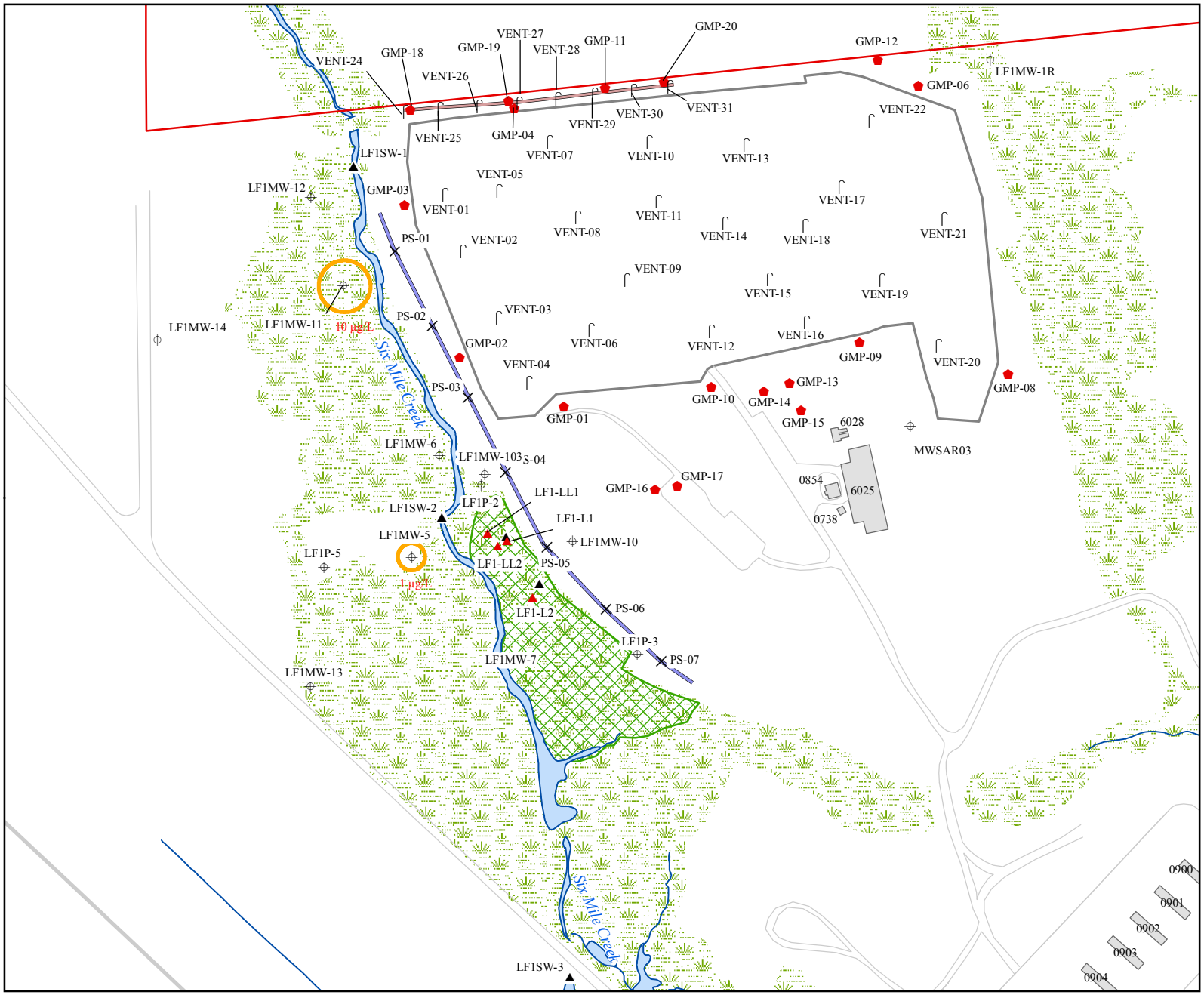

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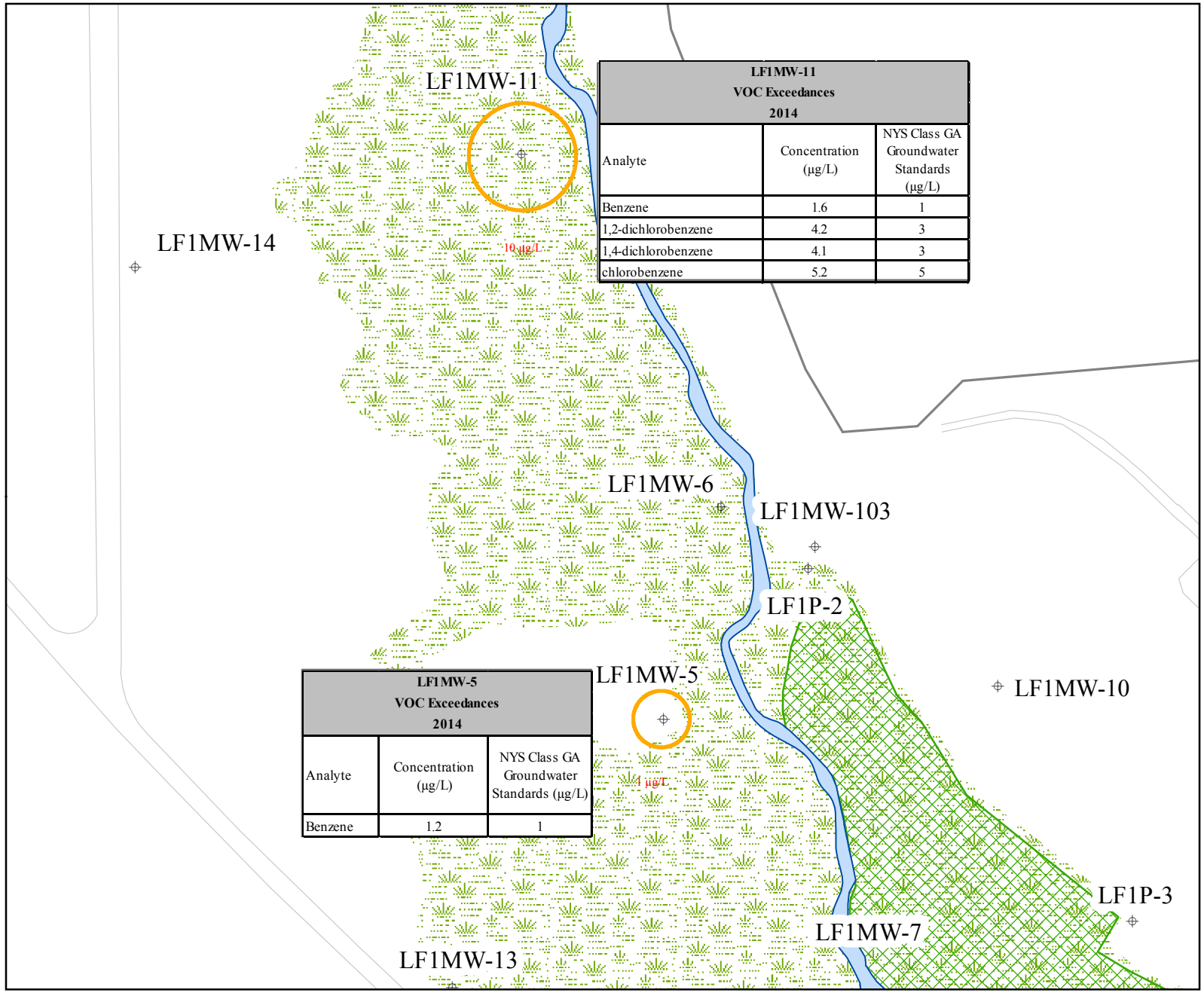


LF1MW-11
VOC Exceedances
2014

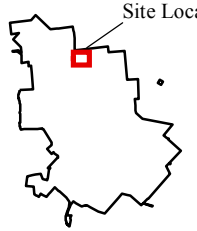
Analyte	Concentration (µg/L)	NYS Class GA Groundwater Standards (µg/L)
Benzene	1.6	1
1,2-dichlorobenzene	4.2	3
1,4-dichlorobenzene	4.1	3
chlorobenzene	5.2	5

LF1MW-5
VOC Exceedances
2014

Analyte	Concentration (µg/L)	NYS Class GA Groundwater Standards (µg/L)
Benzene	1.2	1

N

Site Location



Griffiss AFB

Legend

- Groundwater Monitoring Well with ID
- Passive Gas Collection Trench
- AFB Boundary
- Surface Water
- Existing Road
- Airfield
- Landfill Boundary
- Existing Building
- Rich Sloping Fen
- Wetland Area
- VOC Contamination Plume (June 2014)

0 150
Feet

United States Air Force
Former Griffiss Air Force Base
Rome, New York

Figure 2-3
LF001 (Landfill 1 AOC)
VOC Exceedances

FPM Remediations, Inc CAPE

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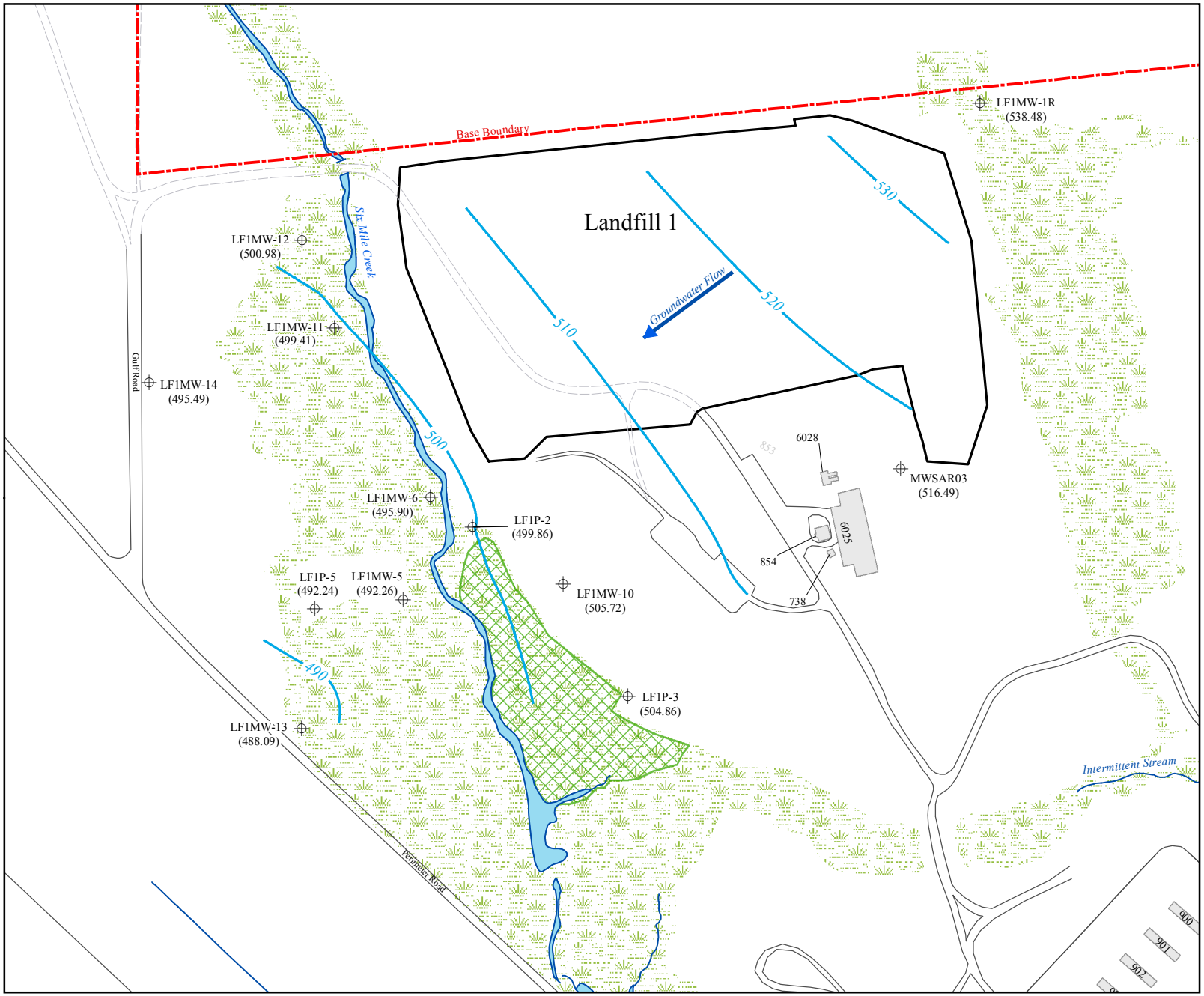

N

Site Location

Legend

- Groundwater Sampling Location with ID
- Removed Road
- Existing Road /Airfield
- Surface Water
- Groundwater Contour 2014 (Ft AMSL)
- Groundwater Flow
- Base Boundary
- Six Mile Creek
- Landfill 1 Boundary
- Building
- Rich Sloping Fen
- Wetland Area

0 200 400
Feet

United States Air Force
Former Griffiss Air Force Base
Rome, New York

Figure 2-4
LF001 (Landfill 1 AOC)
Groundwater Contour Map

FPM Remediations, Inc

CAPE

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Figure 2-5
LF001 (Landfill 1 AOC)
Total VOC Concentration Trends

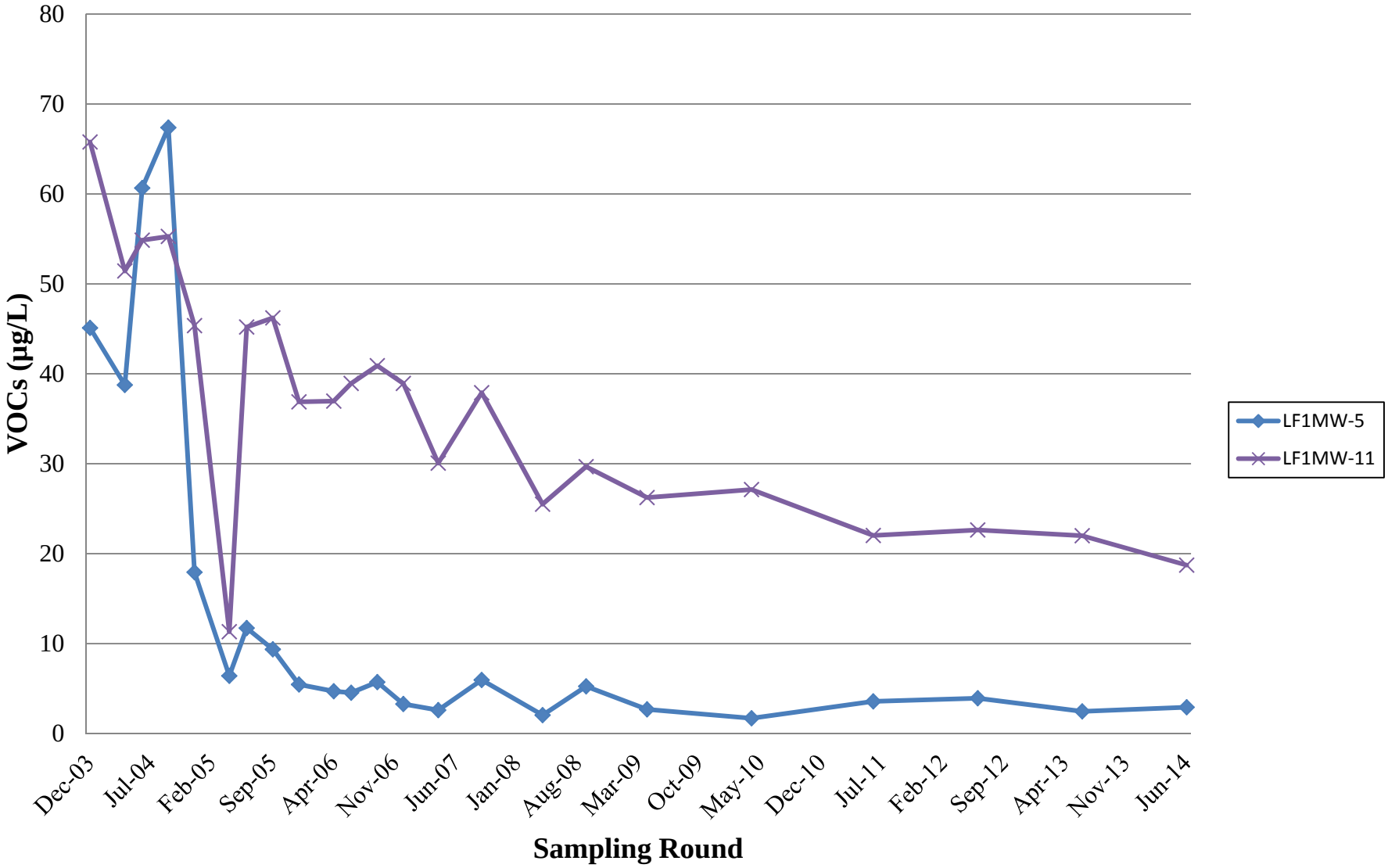


Figure 2-6
LF001 (Landfill 1 AOC)
Alkalinity Concentration Trends

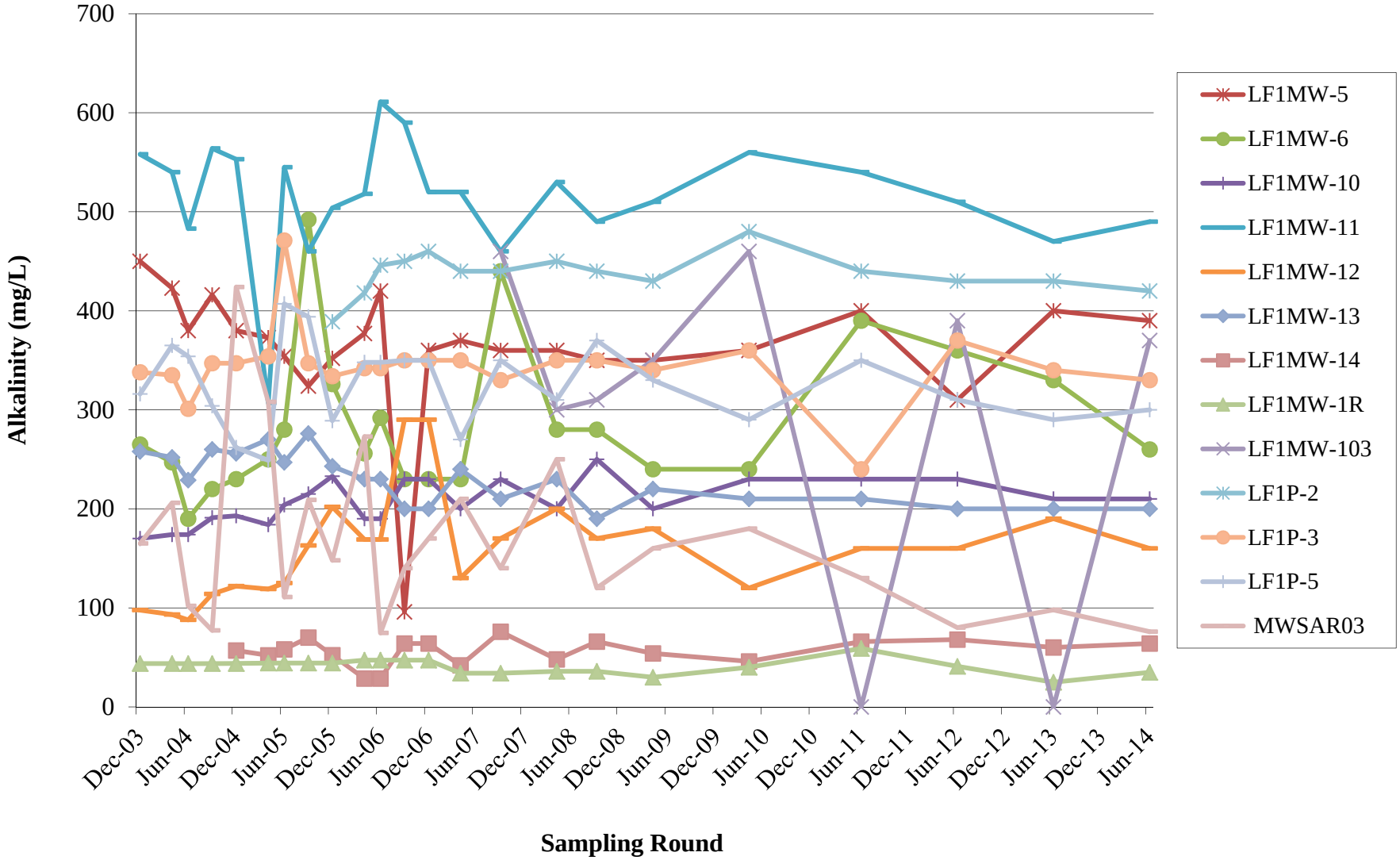


Figure 2-7
LF001 (Landfill 1 AOC)
Hardness Concentration Trends

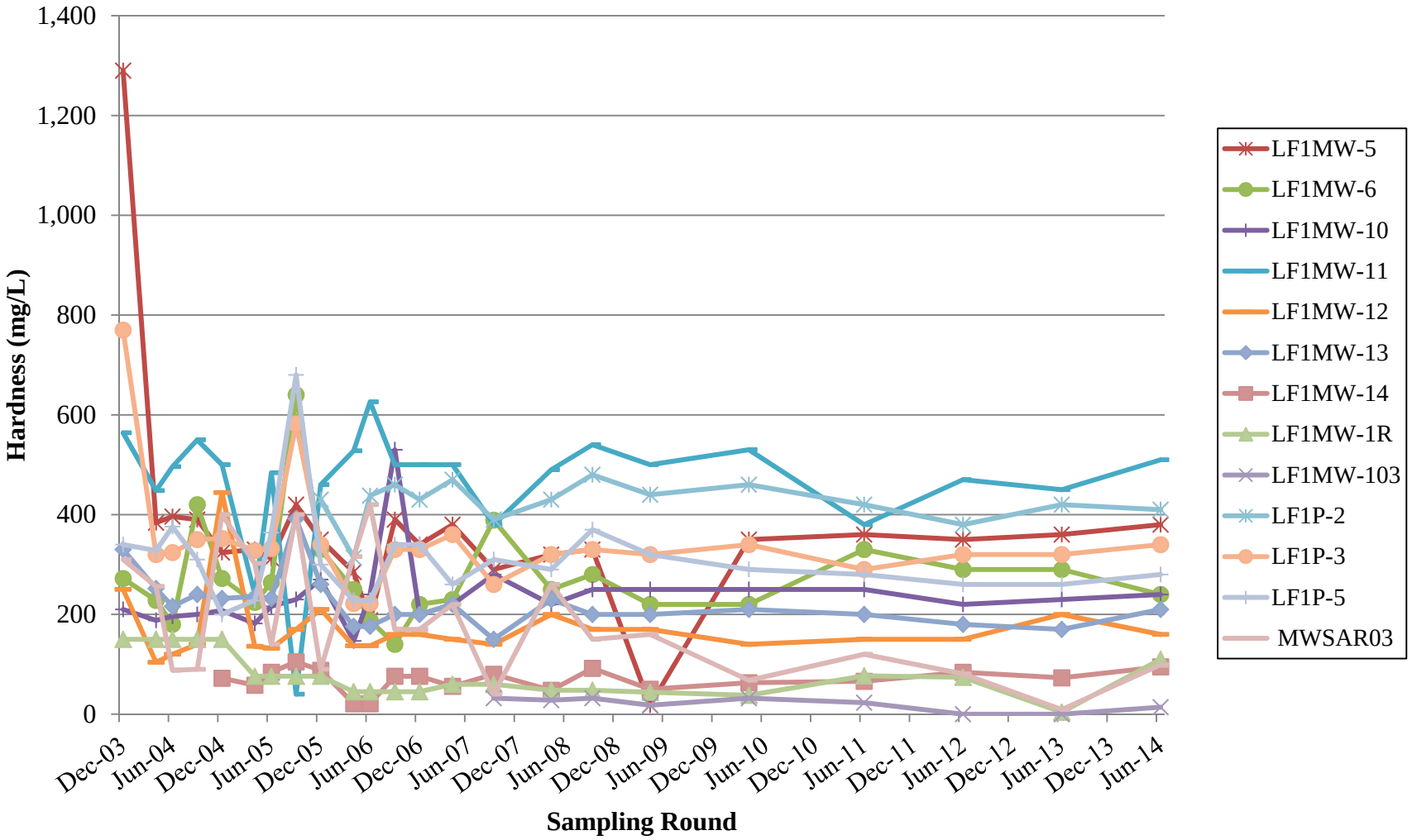
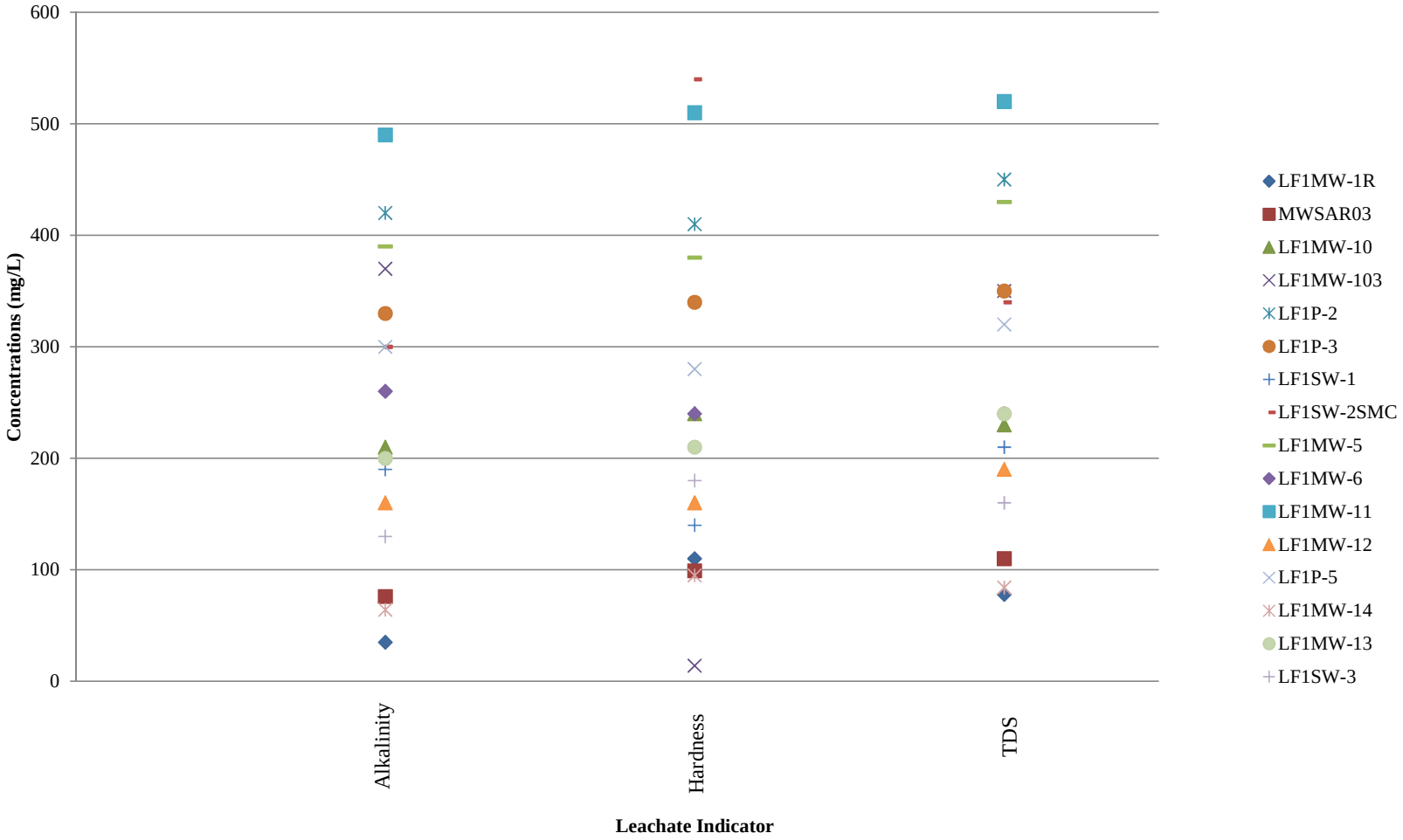
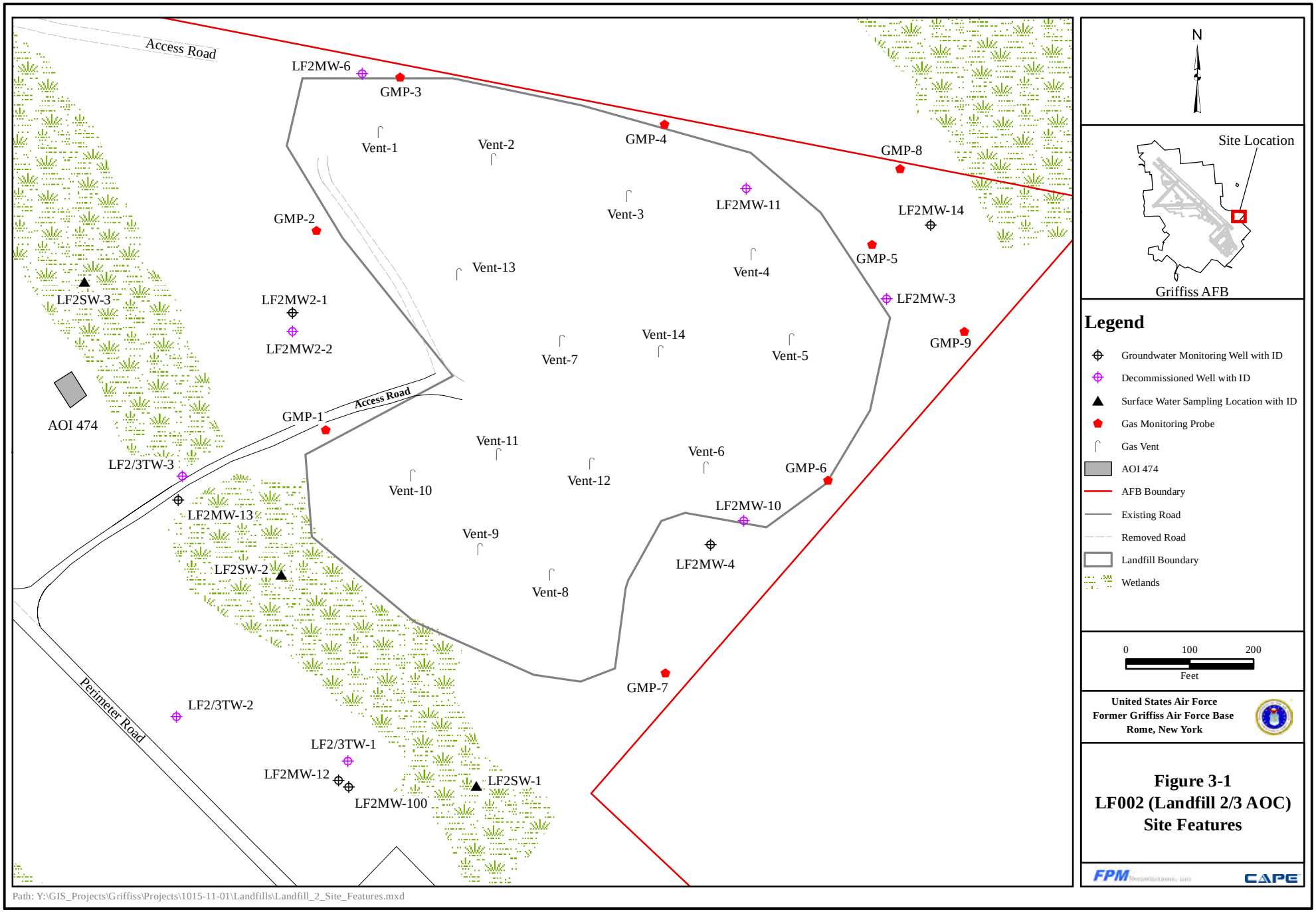
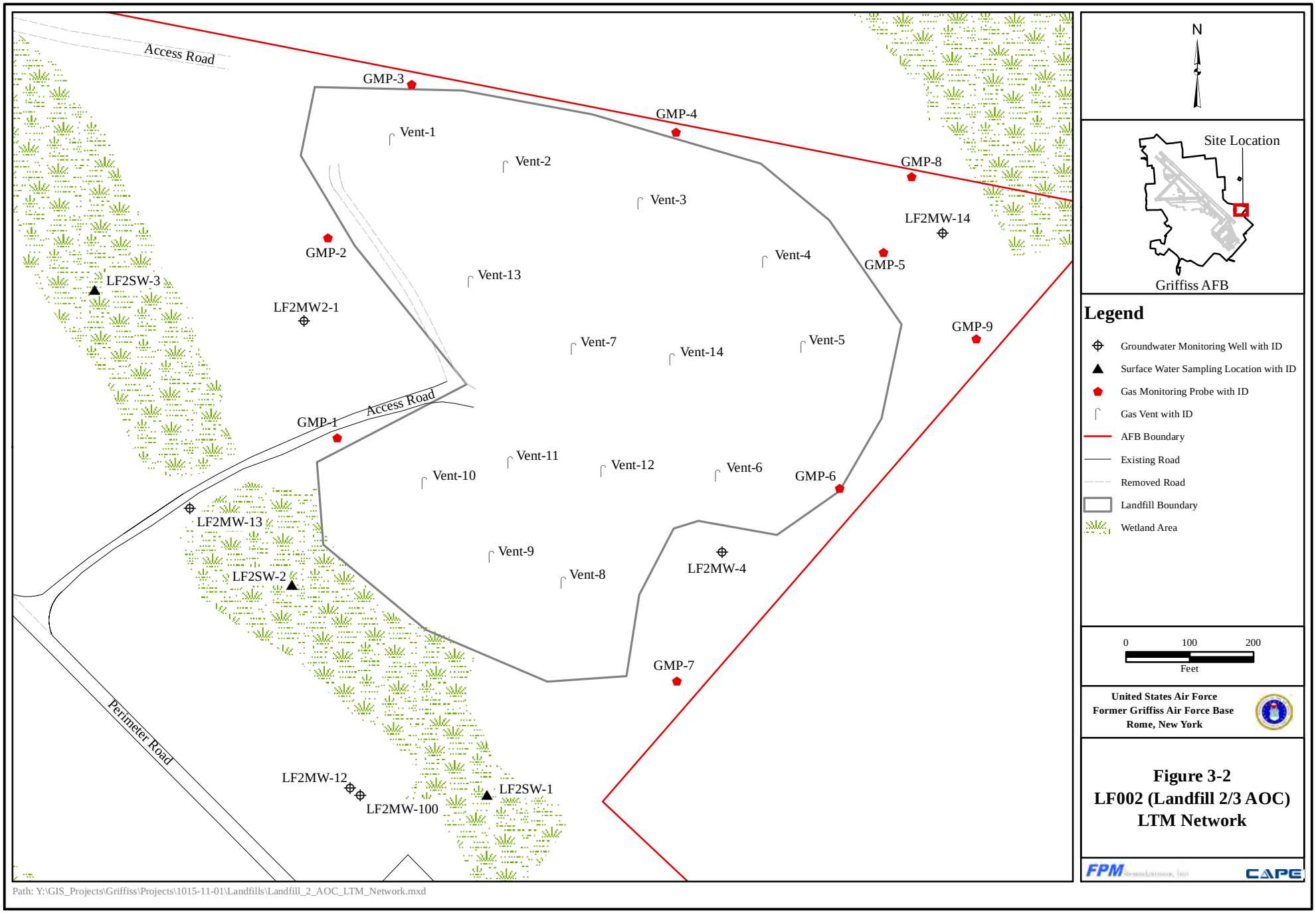


Figure 2-8
LF001 (Landfill 1 AOC)
Leachate Indicator Concentrations (2014)

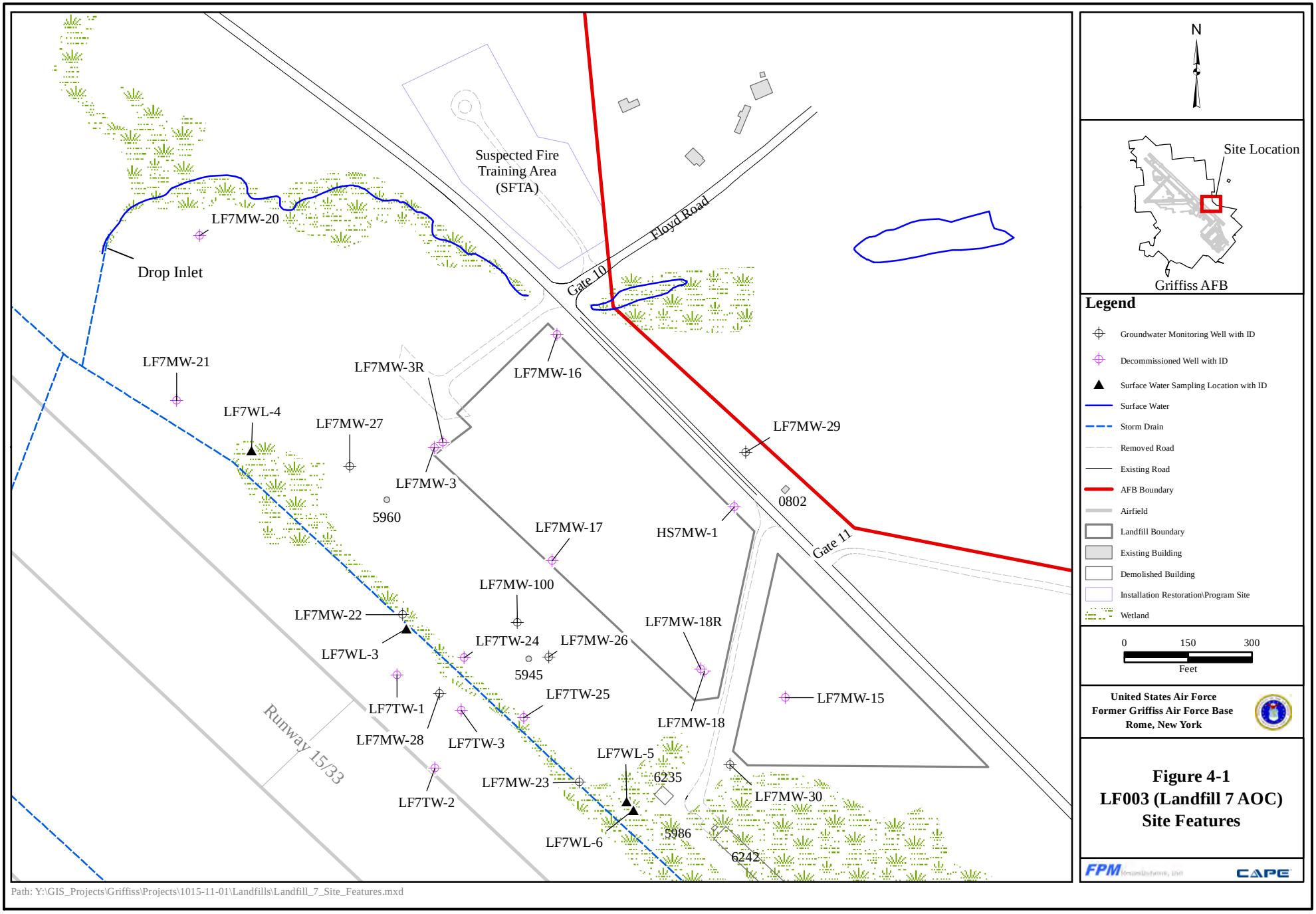




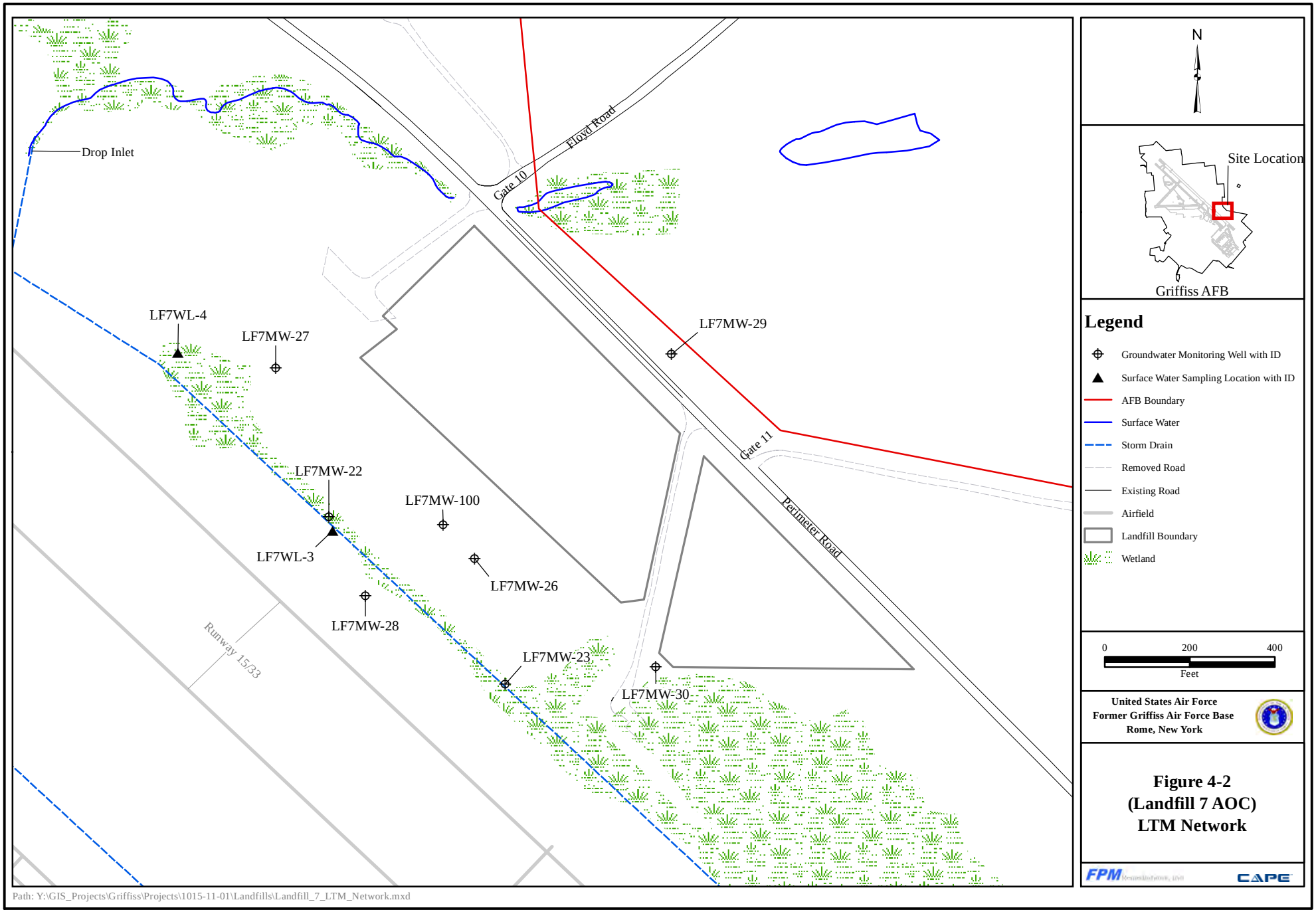
Path: Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Landfills\Landfill_2_Site_Features.mxd

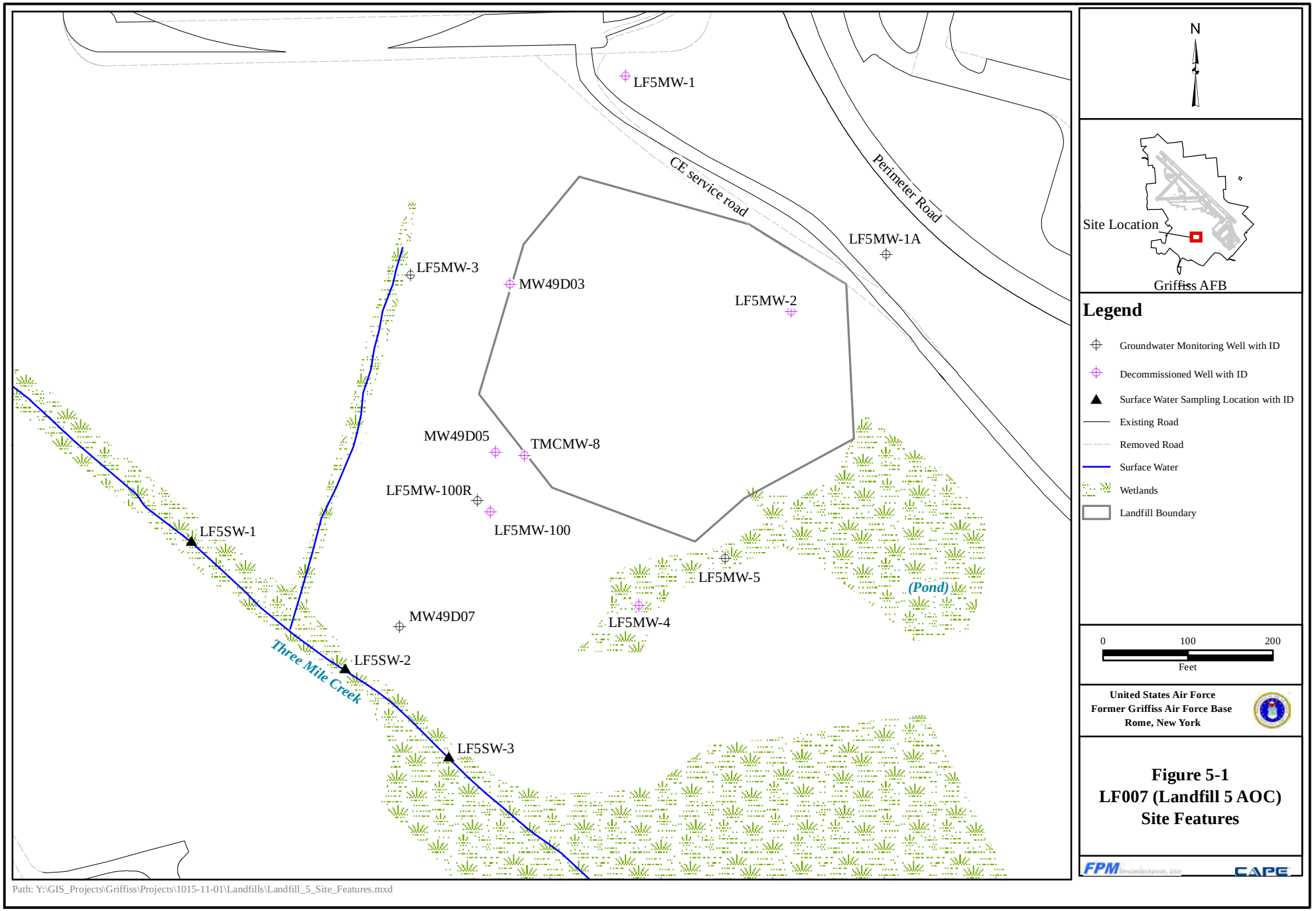


Path: Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Landfills\Landfill_2_AOC_LTM_Network.mxd

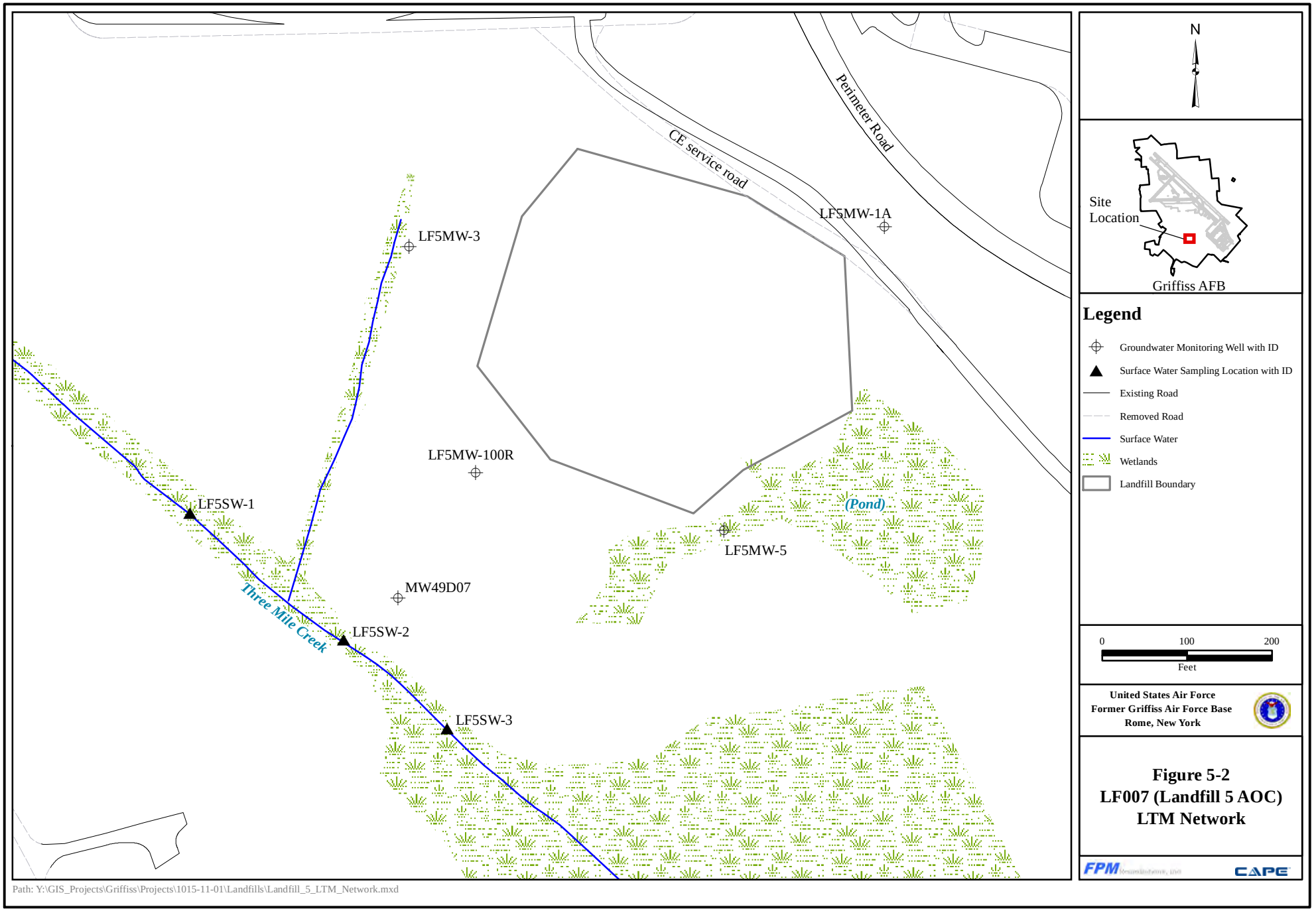


Path: Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Landfills\Landfill_7_Site_Features.mxd


Drop Inlet
Floyd Road
Gate 10
Gate 11
Perimeter Road
LF7WL-4
LF7MW-27
LF7MW-29
LF7MW-22
LF7MW-100
LF7WL-3
LF7MW-26
LF7MW-28
LF7MW-23
LF7MW-30
Runway 15/33
N
Site Location
Griffiss AFB
Legend
Groundwater Monitoring Well with ID
Surface Water Sampling Location with ID
AFB Boundary
Surface Water
Storm Drain
Removed Road
Existing Road
Airfield
Landfill Boundary
Wetland
0
200
400
Feet
United States Air Force
Former Griffiss Air Force Base
Rome, New York
Figure 4-2
(Landfill 7 AOC)
LTM Network
FPM
CAPE
Path: Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Landfills\Landfill_7_LTM_Network.mxd



Path: Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Landfills\Landfill_5_Site_Features.mxd



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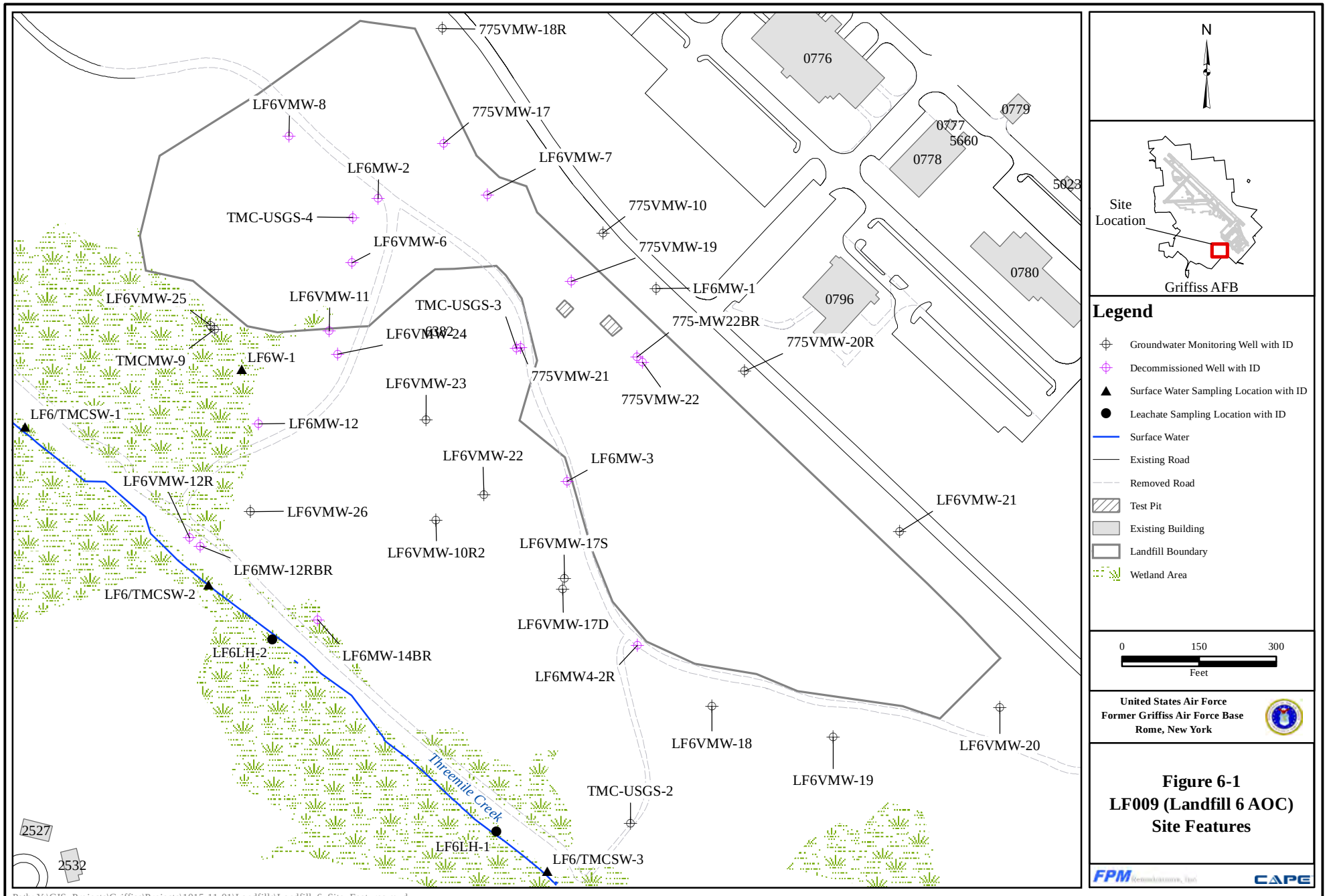
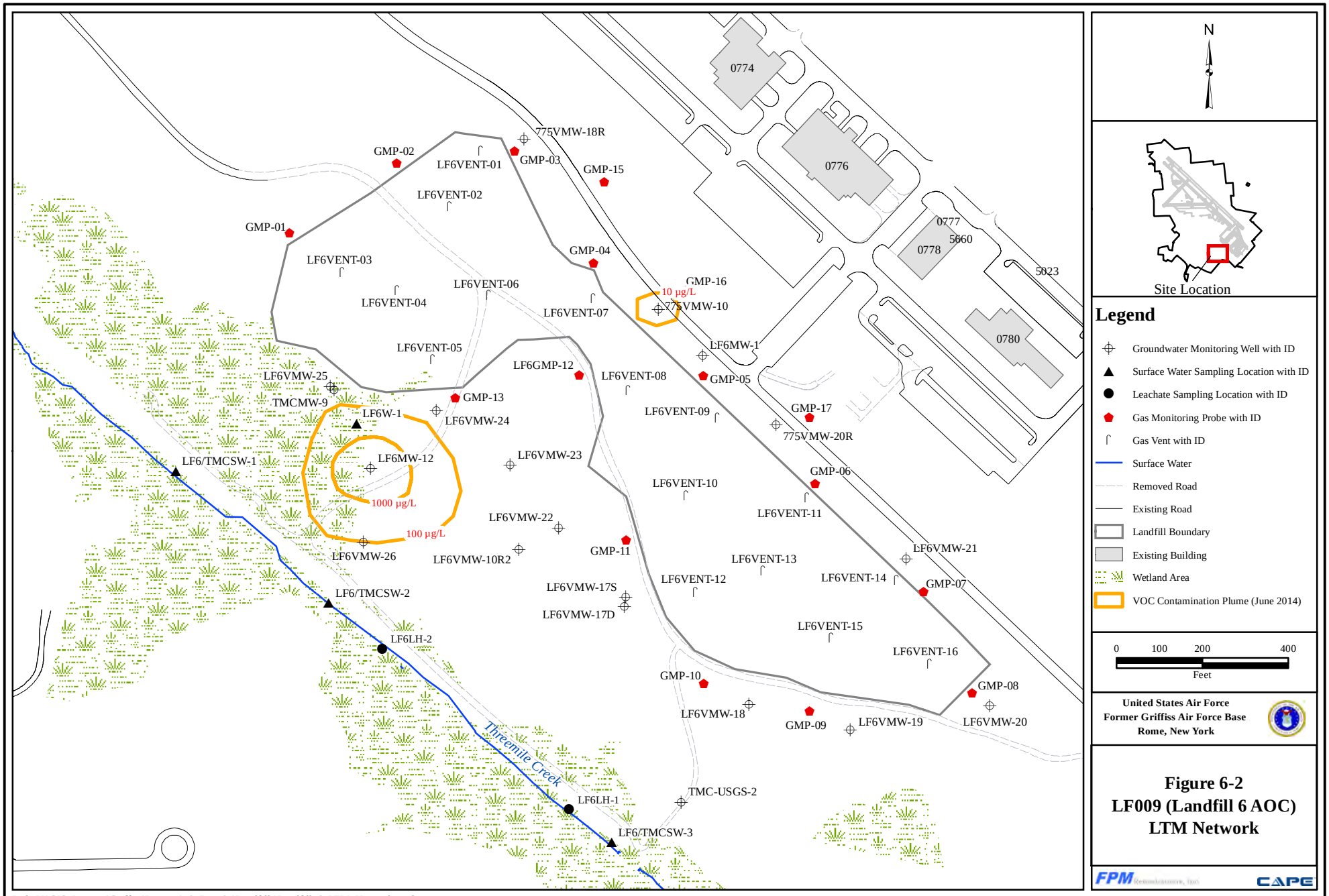
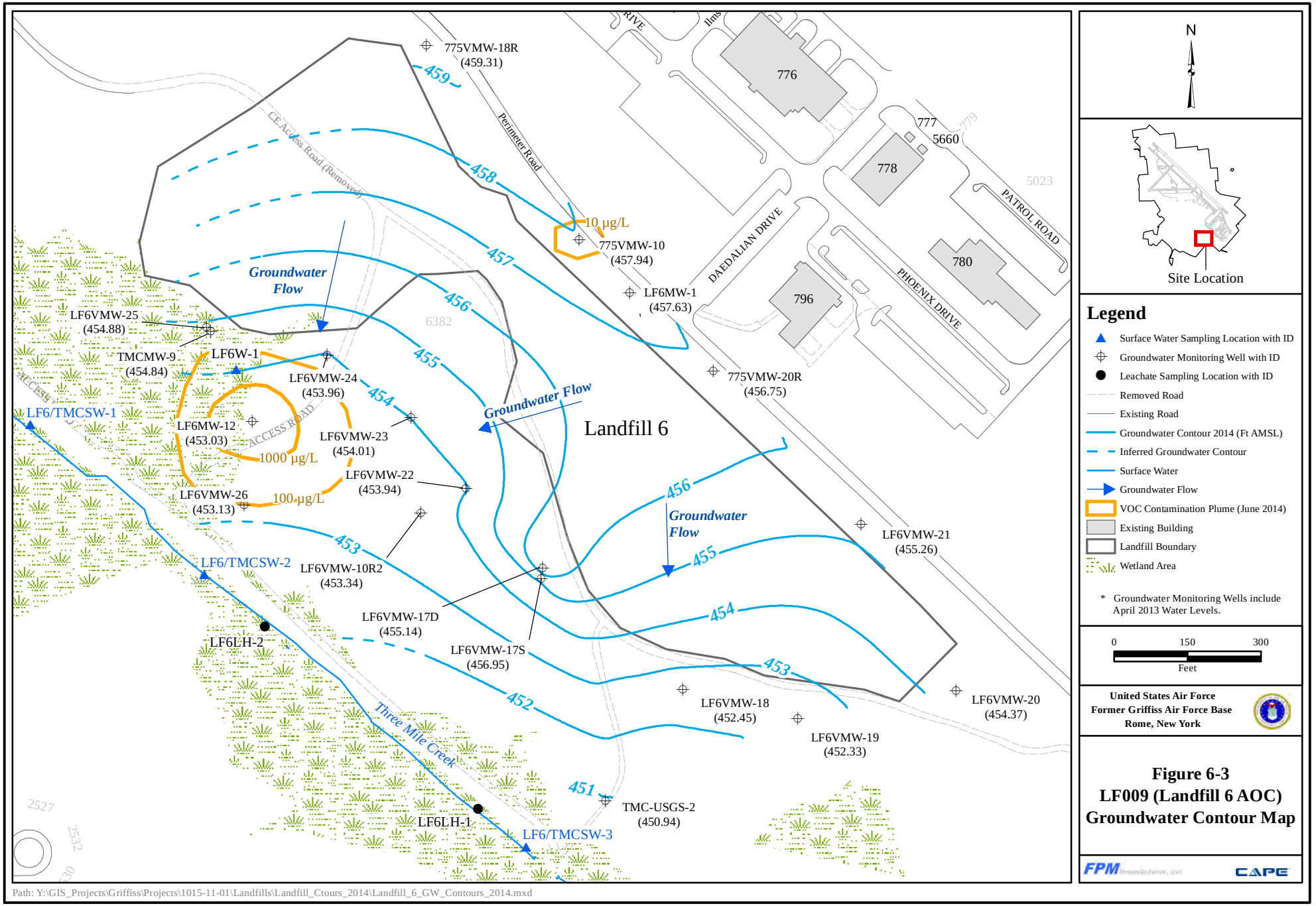


Path: Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Landfills\Landfill_6_Site_Features.mxd



Path: Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Landfills\Landfill_6_LTM_Network.mxd



N

Site Location

Legend

- Surface Water Sampling Location with ID
- Groundwater Monitoring Well with ID
- Leachate Sampling Location with ID
- Removed Road
- Existing Road
- Groundwater Contour 2014 (Ft AMSL)
- Inferred Groundwater Contour
- Surface Water
- Groundwater Flow
- VOC Contamination Plume (June 2014)
- Existing Building
- Landfill Boundary
- Wetland Area

* Groundwater Monitoring Wells include April 2013 Water Levels.

0 150 300
Feet

United States Air Force
Former Griffiss Air Force Base
Rome, New York

Figure 6-3
LF009 (Landfill 6 AOC)
Groundwater Contour Map

FPM Remediation, LLC CAPE

Path: Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Landfills\Landfill_Ctours_2014\Landfill_6_GW_Contours_2014.mxd

Figure 6-4
LF009 (Landfill 6 AOC)
Alkalinity Concentration Trends

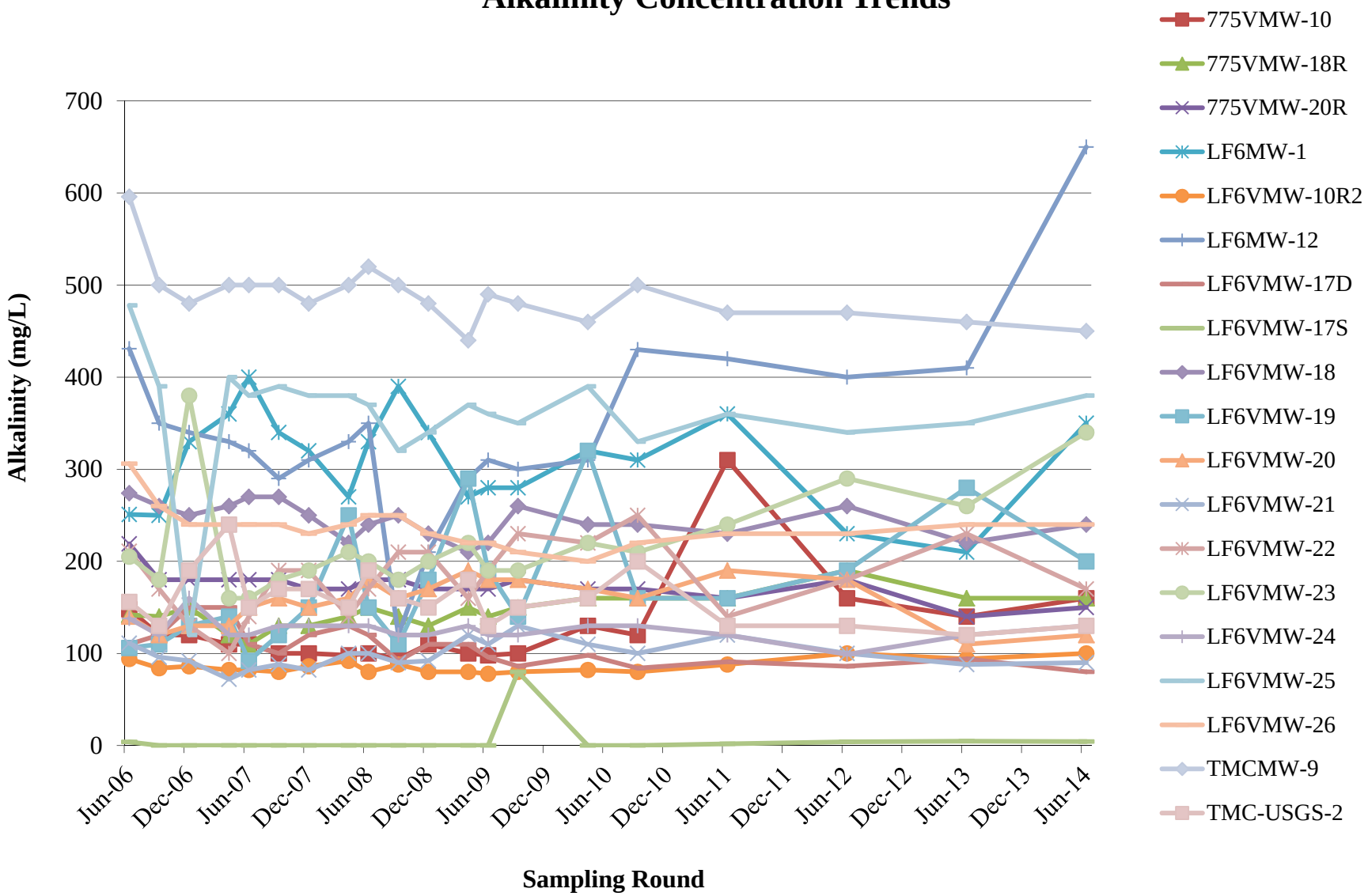


Figure 6-5
LF009 (Landfill 6 AOC)
Hardness Concentration Trends

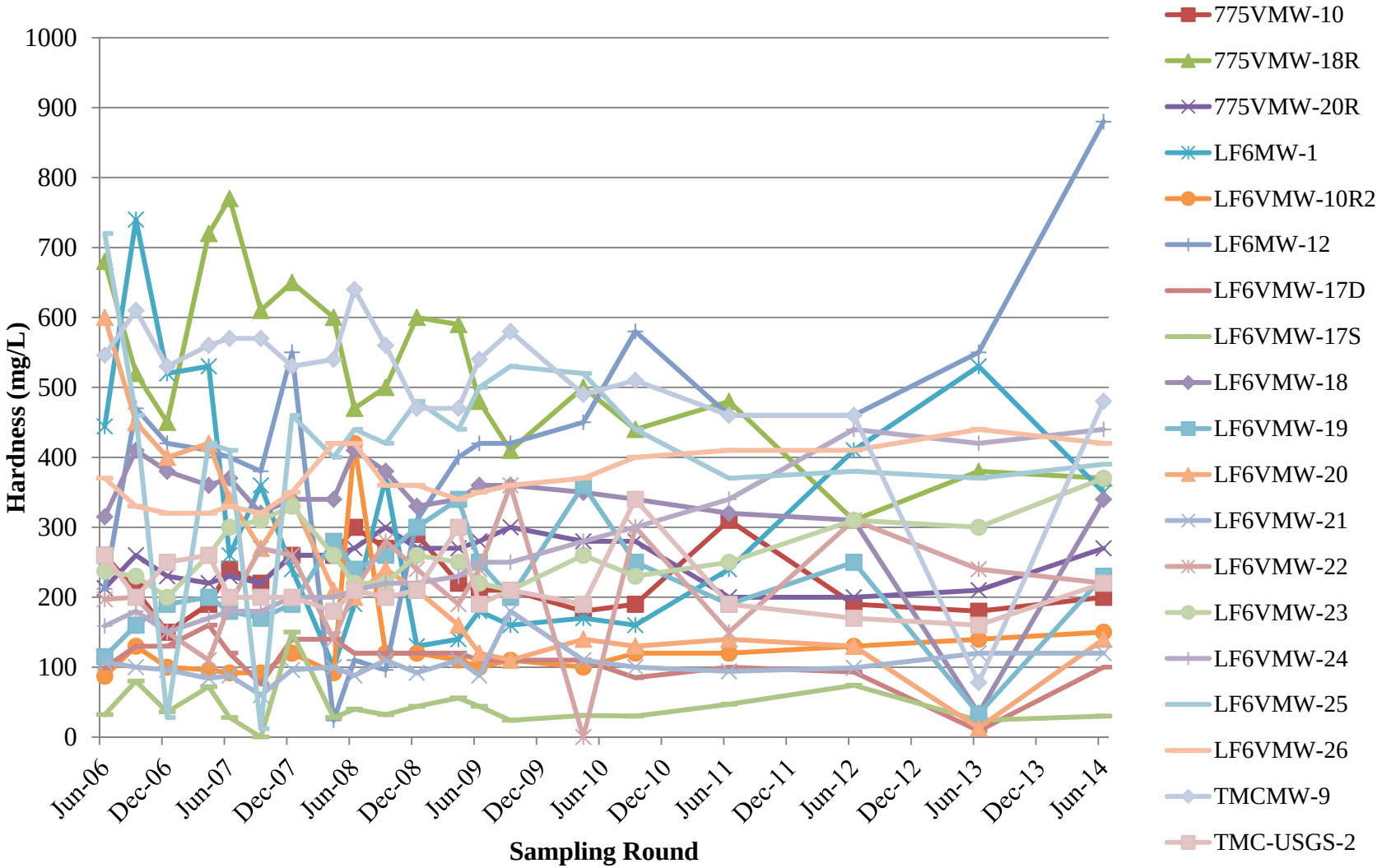
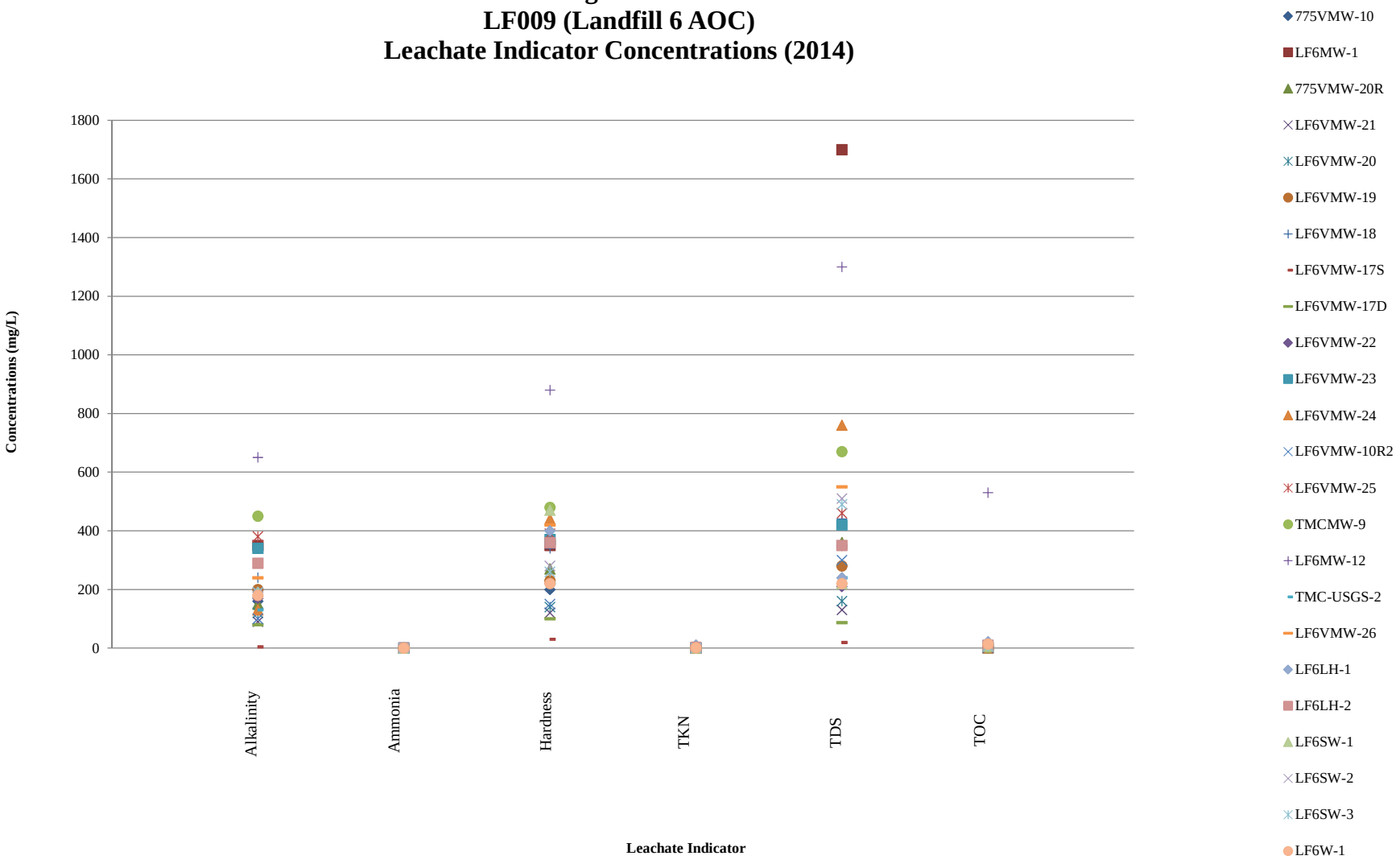


Figure 6-6
LF009 (Landfill 6 AOC)
Leachate Indicator Concentrations (2014)



TABLES

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	27-Sep-04				4-Oct-04				5-Nov-04			
	Barometric Pressure (in.) = 29.68				Barometric Pressure (in.) = 29.41				Barometric Pressure (in.) = 29.11			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	>100	58.3	2.3	32.5	---	---	---	---	---	---	---	---
LF1GMP-02	>100	48.5	0.0	35.3	---	---	---	---	---	---	---	---
LF1GMP-03	>100	64.5	0.0	35.3	---	---	---	---	---	---	---	---
LF1GMP-04	>100	63.8	0.0	36.4	---	---	---	---	>100	56.6	0.5	42.7
LF1GMP-06	>100	76.4	0.0	10.6	---	---	---	---	>100	74.8	0.2	7.7
LF1GMP-08	>100	15.3	0.5	18.8	---	---	---	---	---	---	---	---
LF1GMP-09	>100	53.3	0.1	29.0	---	---	---	---	---	---	---	---
LF1GMP-10	>100	35.4	1.9	30.2	---	---	---	---	---	---	---	---
LF1GMP-11	NI	NI	NI	NI	NI	NI	NI	NI	>100	40.6	2.4	33.5
LF1GMP-12	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	19.4	2.6
LF1GMP-13	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	17.9	0.5
LF1GMP-14	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	19.0	1.1
LF1GMP-15	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	19.9	0.9
LF1GMP-16	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	18.5	2.6
LF1GMP-17	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	18.3	1.9
LF1GMP-18	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GMP-19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GMP-20	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-01	---	---	---	---	>100	7.2	19.2	4.4	---	---	---	---
LF1GV-02	---	---	---	---	>100	14.8	16.7	10.4	---	---	---	---
LF1GV-03	---	---	---	---	>100	19.0	4.6	13.8	---	---	---	---
LF1GV-04	---	---	---	---	>100	35.0	6.2	27.0	---	---	---	---
LF1GV-05	---	---	---	---	>100	17.6	15.8	12.7	---	---	---	---
LF1GV-06	---	---	---	---	>100	33.0	10.5	21.7	---	---	---	---
LF1GV-07	---	---	---	---	>100	11.5	18.2	7.6	---	---	---	---
LF1GV-08	---	---	---	---	>100	33.5	10.6	19.9	---	---	---	---
LF1GV-09	---	---	---	---	>100	6.9	19.2	3.9	---	---	---	---
LF1GV-10	---	---	---	---	>100	22.6	13.9	16.9	---	---	---	---
LF1GV-11	---	---	---	---	>100	8.9	19.1	4.5	---	---	---	---
LF1GV-12	---	---	---	---	>100	18.2	15.2	12.8	---	---	---	---
LF1GV-13	---	---	---	---	>100	55.4	0.6	42.1	---	---	---	---
LF1GV-14	---	---	---	---	>100	11.9	18.1	6.9	---	---	---	---
LF1GV-15	---	---	---	---	>100	11.5	18.2	6.1	---	---	---	---
LF1GV-16	---	---	---	---	>100	20.6	12.0	12.7	---	---	---	---
LF1GV-17	---	---	---	---	>100	12.0	18.8	5.0	---	---	---	---
LF1GV-18	---	---	---	---	>100	11.4	17.8	7.5	---	---	---	---
LF1GV-19	---	---	---	---	>100	8.7	18.5	4.7	---	---	---	---
LF1GV-20	---	---	---	---	>100	11.8	16.0	7.0	---	---	---	---
LF1GV-21	---	---	---	---	>100	34.5	15.1	9.1	---	---	---	---
LF1GV-22	---	---	---	---	>100	14.5	17.3	5.9	---	---	---	---
LF1GV-23	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-24	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-25	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-27	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-28	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-29	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-30	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-31	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	8-Nov-04				11-Nov-04				16-Nov-04			
	Barometric Pressure (in.) = 29.60				Barometric Pressure (in.) = 29.79				Barometric Pressure (in.) = 29.83			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	---	---	---	---	>100	8.6	17.5	4.5	---	---	---	---
LF1GMP-02	---	---	---	---	>100	27.0	8.9	15.7	---	---	---	---
LF1GMP-03	---	---	---	---	>100	36.3	6.6	25.2	---	---	---	---
LF1GMP-04	>100	52.0	3.6	41.8	>100	52.0	2.8	36.7	---	---	---	---
LF1GMP-06	>100	64.3	3.2	6.6	>100	58.8	4.1	5.7	---	---	---	---
LF1GMP-08	---	---	---	---	0	0.0	0.3	13.2	---	---	---	---
LF1GMP-09	---	---	---	---	>100	39.4	5.3	16.1	---	---	---	---
LF1GMP-10	---	---	---	---	>100	26.0	1.3	21.0	---	---	---	---
LF1GMP-11	>100	40.0	0.0	35.2	>100	30.2	2.4	27.0	---	---	---	---
LF1GMP-12	0	0.0	18.2	3.5	0	0.0	18.8	3.4	---	---	---	---
LF1GMP-13	0	0.0	18.4	1.0	---	---	---	---	---	---	---	---
LF1GMP-14	0	0.0	18.6	0.9	---	---	---	---	---	---	---	---
LF1GMP-15	0	0.0	19.1	0.9	---	---	---	---	---	---	---	---
LF1GMP-16	0	0.0	17.1	3.3	---	---	---	---	---	---	---	---
LF1GMP-17	0	0.0	18.3	1.9	---	---	---	---	---	---	---	---
LF1GMP-18	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GMP-19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GMP-20	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-01	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-02	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-03	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-04	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-05	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-06	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-07	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-08	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-09	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-10	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-11	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-12	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-13	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-14	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-15	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-16	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-17	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-18	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-19	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-20	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-21	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-22	---	---	---	---	---	---	---	---	---	---	---	---
LF1GV-23	NI	NI	NI	NI	NI	NI	NI	NI	>100	38.6	12.5	14.2
LF1GV-24	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-25	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-27	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-28	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-29	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-30	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-31	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	16-Dec-04				17-Jan-05				17-Feb-05			
	Barometric Pressure (in.) = 29.73				Barometric Pressure (in.) = 29.77				Barometric Pressure (in.) = 29.34			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	>100	98.4	1.6	0.0	>100	98.8	0.4	0.8	>100	99.8	0.2	0.0
LF1GMP-02	>100	52.1	0.0	25.2	>100	46.6	0.2	21.4	>100	40.2	0.2	22.4
LF1GMP-03	>100	54.1	0.0	37.1	>100	40.8	0.4	30.8	>100	30.2	0.2	31.0
LF1GMP-04	>100	34.2	4.7	21.5	>100	61.4	0.4	38.0	>100	60.4	0.5	39.1
LF1GMP-06	>100	77.6	0.0	3.9	>100	62.8	0.8	2.6	>100	69.0	0.5	2.7
LF1GMP-08	10	0.5	20.9	0.0	0	0.0	5.5	11.0	0	0.0	6.7	9.8
LF1GMP-09	>100	41.4	0.2	19.2	>100	38.6	1.7	14.9	>100	47.2	0.0	18.2
LF1GMP-10	>100	33.9	0.0	29.3	>100	26.4	0.2	21.8	>100	24.0	0.1	24.1
LF1GMP-11	>100	18.1	0.0	19.6	>100	8.8	0.3	17.2	>100	7.9	0.1	18.8
LF1GMP-12	4	0.2	18.7	2.5	0	0.0	19.3	1.7	0	0.0	19.0	1.8
LF1GMP-13	10	0.5	15.8	0.3	0	0.0	16.2	1.0	0	0.0	16.4	1.2
LF1GMP-14	4	0.2	17.3	0.4	0	0.0	18.1	0.2	0	0.0	18.6	0.2
LF1GMP-15	4	0.2	19.1	0.8	0	0.0	19.3	0.3	0	0.0	20.1	0.2
LF1GMP-16	0	0.0	17.6	2.6	0	0.0	17.6	2.2	0	0.0	17.7	2.3
LF1GMP-17	0	0.0	18.3	1.7	0	0.0	18.3	1.4	0	0.0	18.6	1.4
LF1GMP-18	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GMP-19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GMP-20	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-01	>100	14.4	0.1	17.3	>100	9.4	12.7	9.0	62	3.1	14.4	6.5
LF1GV-02	>100	13.8	1.0	20.2	>100	9.0	10.5	12.0	56	2.8	10.3	9.2
LF1GV-03	50	2.5	3.6	11.3	10	0.5	18.6	1.6	2	0.1	15.8	3.3
LF1GV-04	>100	11.5	1.9	18.5	62	3.1	15.9	5.5	4	0.2	15.5	4.0
LF1GV-05	>100	20.4	0.0	23.0	>100	13.5	10.4	12.7	88	4.4	11.0	8.6
LF1GV-06	>100	16.8	0.0	23.3	>100	21.1	1.5	20.7	16	0.8	6.1	12.4
LF1GV-07	>100	19.0	0.1	24.4	>100	20.3	5.6	18.9	>100	9.9	10.9	12.9
LF1GV-08	>100	26.7	0.1	23.1	>100	21.2	3.5	18.6	64	3.2	5.8	12.7
LF1GV-09	>100	6.4	1.9	14.6	>100	20.1	4.2	14.9	64	3.2	14.9	5.8
LF1GV-10	>100	17.1	1.3	22.8	>100	16.5	5.6	18.6	48	2.4	10.7	9.3
LF1GV-11	>100	17.0	0.7	16.1	>100	14.6	10.3	10.7	46	2.3	16.6	3.3
LF1GV-12	>100	12.7	1.2	20.2	>100	18.4	2.6	18.3	12	0.6	12.1	6.6
LF1GV-13	>100	21.9	1.2	27.5	>100	16.9	1.4	20.4	>100	10.3	1.1	20.1
LF1GV-14	>100	27.4	1.1	19.3	>100	26.6	4.9	15.0	>100	11.3	12.1	8.4
LF1GV-15	>100	7.1	0.8	14.3	>100	9.5	6.4	10.9	24	1.2	13.9	5.2
LF1GV-16	68	3.4	5.2	8.2	80	4.0	8.9	7.1	0	0.0	16.6	3.0
LF1GV-17	>100	14.9	5.2	14.2	>100	25.1	6.1	12.5	>100	19.1	9.9	12.1
LF1GV-18	>100	29.0	0.8	22.6	>100	27.2	4.4	15.7	>100	16.1	7.4	12.9
LF1GV-19	>100	9.1	0.2	16.3	>100	12.6	6.1	12.5	46	2.3	11.4	7.9
LF1GV-20	>100	14.8	1.8	15.9	>100	12.5	5.5	11.7	72	3.6	13.8	4.6
LF1GV-21	>100	34.2	0.8	18.0	>100	37.6	1.9	14.0	>100	26.9	2.6	13.2
LF1GV-22	>100	23.6	1.1	19.4	>100	24.8	2.5	16.1	>100	16.2	6.2	14.1
LF1GV-23	16	0.8	15.9	2.1	2	0.1	20.2	0.4	2	0.1	17.8	1.6
LF1GV-24	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-25	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-27	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-28	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-29	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-30	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-31	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	24-Mar-05				28-Apr-05				26-May-05			
	Barometric Pressure (in.) = 30.00				Barometric Pressure (in.) = 29.28				Barometric Pressure (in.) = 29.23			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	0	0.0	21.0	0.0	>100	52.1	4.2	26.8	>100	67.5	0.6	26.5
LF1GMP-02	>100	32.5	0.8	21.5	>100	24.8	6.2	17.7	>100	33.5	1.0	21.0
LF1GMP-03	>100	25.1	0.6	30.1	>100	27.2	0.5	30.3	>100	30.8	0.4	30.1
LF1GMP-04	>100	59.5	0.4	40.1	>100	57.5	0.5	36.7	>100	54.5	0.9	35.6
LF1GMP-06	>100	62.5	0.5	2.2	>100	65.5	0.8	2.5	>100	64.5	0.7	3.5
LF1GMP-08	0	0.0	11.6	6.6	0	0.0	4.7	11.4	0	0.0	11.2	7.5
LF1GMP-09	>100	44.3	0.8	17.0	>100	32.3	2.2	17.5	>100	38.9	0.8	19.2
LF1GMP-10	>100	18.4	0.2	22.4	>100	16.6	2.1	23.2	>100	17.3	1.6	24.3
LF1GMP-11	>100	5.9	1.0	19.0	>100	9.0	0.7	19.1	>100	6.6	0.7	20.1
LF1GMP-12	0	0.0	18.4	2.2	0	0.0	19.4	1.5	0	0.0	19.6	1.6
LF1GMP-13	0	0.0	15.7	1.5	0	0.0	16.6	1.9	0	0.0	18.9	1.5
LF1GMP-14	0	0.0	18.4	0.3	2	0.1	19.1	0.5	0	0.0	20.2	0.5
LF1GMP-15	0	0.0	20.0	0.0	2	0.1	19.5	0.4	2	0.1	19.8	0.4
LF1GMP-16	0	0.0	17.3	2.4	0	0.0	17.8	2.9	0	0.0	18.2	2.7
LF1GMP-17	0	0.0	18.7	1.3	0	0.0	18.7	1.5	0	0.0	18.4	1.8
LF1GMP-18	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GMP-19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GMP-20	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-01	12	0.6	20.2	0.9	>100	6.6	14.2	9.9	>100	17.9	12.1	14.4
LF1GV-02	10	0.5	19.9	1.0	46	2.3	15.2	7.1	>100	24.1	9.6	17.4
LF1GV-03	0	0.0	21.0	0.0	2	0.1	21.0	0.0	>100	36.1	0.3	30.4
LF1GV-04	0	0.0	21.0	0.0	4	0.2	21.0	0.0	>100	26.6	5.1	23.6
LF1GV-05	4	0.2	20.8	0.3	>100	5.3	16.0	7.6	>100	28.2	6.2	23.9
LF1GV-06	0	0.0	21.2	0.0	16	0.8	13.5	7.2	>100	35.4	0.8	30.4
LF1GV-07	4	0.2	21.0	0.2	>100	5.0	16.9	7.1	>100	26.1	8.4	21.6
LF1GV-08	0	0.0	21.0	0.0	20	1.5	15.0	5.2	>100	37.0	1.8	26.4
LF1GV-09	0	0.0	21.1	0.0	>100	7.1	11.9	9.8	>100	35.2	4.2	23.9
LF1GV-10	0	0.0	21.1	0.0	0	0.0	20.4	0.9	>100	5.3	17.5	4.5
LF1GV-11	0	0.0	21.2	0.0	48	2.4	18.3	3.1	>100	5.8	17.9	3.6
LF1GV-12	0	0.0	21.2	0.0	6	0.3	17.3	3.6	>100	32.1	1.7	30.3
LF1GV-13	0	0.0	21.1	0.0	14	0.7	17.3	3.5	>100	25.9	2.7	23.5
LF1GV-14	0	0.0	21.3	0.0	14	0.7	20.1	0.6	>100	31.2	6.2	19.8
LF1GV-15	0	0.0	20.9	0.0	54	2.7	9.6	9.6	>100	17.4	5.8	17.5
LF1GV-16	0	0.0	19.5	0.9	0	0.0	20.9	0.0	50	2.5	2.7	14.6
LF1GV-17	80	4.0	18.8	2.2	46	2.3	19.5	1.4	>100	26.6	9.6	15.5
LF1GV-18	18	0.9	19.9	1.0	14	0.7	20.1	0.7	>100	22.1	9.7	15.4
LF1GV-19	4	0.2	18.9	1.5	0	0.0	21.0	0.0	>100	17.4	1.7	20.3
LF1GV-20	0	0.0	20.8	0.2	8	0.4	20.1	0.7	>100	8.2	13.5	7.1
LF1GV-21	46	2.3	19.7	0.9	70	3.5	19.0	1.7	>100	43.1	3.6	18.4
LF1GV-22	>100	5.1	18.2	3.0	36	1.8	19.5	1.3	>100	34.5	5.2	20.8
LF1GV-23	0	0.0	21.1	0.0	0	0.0	20.0	0.6	48	2.4	15.3	6.1
LF1GV-24	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-25	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-27	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-28	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-29	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-30	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-31	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	23-Jun-05				2-Aug-05				29-Aug-05			
	Barometric Pressure (in.) = 29.61				Barometric Pressure (in.) = 29.55				Barometric Pressure (in.) = 29.50			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	>100	74.4	0.9	24.2	>100	50.0	0.1	32.2	>100	100.0	0.0	0.0
LF1GMP-02	>100	34.8	1.1	27.5	>100	43.5	1.0	28.9	>100	47.6	0.5	30.0
LF1GMP-03	>100	37.0	1.1	40.4	>100	50.1	0.4	39.1	>100	60.3	0.1	39.6
LF1GMP-04	>100	52.1	1.7	44.2	>100	50.2	0.4	39.1	>100	60.3	0.3	39.4
LF1GMP-06	>100	63.1	1.2	4.4	>100	65.1	0.9	5.8	>100	76.2	0.1	7.0
LF1GMP-08	0	0.0	11.7	7.4	0	0.0	14.8	5.5	0	0.0	11.8	7.5
LF1GMP-09	>100	35.3	1.2	24.1	>100	39.8	0.8	24.4	>100	58.4	0.1	33.2
LF1GMP-10	>100	14.4	2.9	24.5	>100	13.5	3.4	22.5	>100	18.5	2.6	28.8
LF1GMP-11	>100	11.5	1.2	23.2	>100	9.6	1.1	22.0	>100	18.8	0.3	30.4
LF1GMP-12	0	0.0	18.8	2.2	0	0.0	19.4	1.7	0	0.0	18.8	2.0
LF1GMP-13	0	0.0	19.1	1.1	0	0.0	19.1	1.1	0	0.0	18.7	1.7
LF1GMP-14	0	0.0	19.9	0.5	0	0.0	19.6	0.6	0	0.0	19.0	1.2
LF1GMP-15	0	0.0	20.0	0.5	0	0.0	19.8	0.1	0	0.0	19.4	1.0
LF1GMP-16	0	0.0	17.8	2.8	0	0.0	17.7	3.2	0	0.0	17.2	3.0
LF1GMP-17	0	0.0	17.9	2.5	0	0.0	17.1	3.3	0	0.0	16.6	3.2
LF1GMP-18	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GMP-19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GMP-20	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-01	>100	21.3	1.0	31.9	>100	27.8	4.7	29.4	>100	58.4	0.0	41.6
LF1GV-02	>100	21.3	1.2	30.0	>100	19.3	4.1	24.5	>100	59.7	0.0	40.3
LF1GV-03	>100	8.4	2.4	22.0	40	2.0	14.3	6.7	>100	50.2	0.0	46.4
LF1GV-04	>100	8.0	6.2	20.1	>100	10.0	13.4	9.5	>100	40.8	0.1	41.0
LF1GV-05	>100	22.1	1.0	31.4	>100	26.4	4.1	28.3	>100	58.6	0.0	41.4
LF1GV-06	>100	10.0	1.3	23.0	8	0.4	13.1	6.5	>100	62.2	0.0	37.8
LF1GV-07	>100	24.3	1.0	34.1	>100	24.1	5.8	25.1	>100	60.7	0.0	39.3
LF1GV-08	>100	15.1	1.1	23.6	>100	6.2	9.3	11.4	>100	55.4	0.0	40.8
LF1GV-09	>100	8.1	1.5	22.2	>100	11.1	14.8	9.1	>100	40.2	4.0	55.8
LF1GV-10	>100	15.7	3.8	23.8	>100	16.4	7.4	19.7	>100	59.5	0.0	40.5
LF1GV-11	>100	14.8	2.0	21.9	>100	7.0	16.5	5.4	>100	45.8	3.3	33.1
LF1GV-12	>100	8.6	1.5	22.4	50	2.5	7.4	3.8	>100	55.0	0.3	44.9
LF1GV-13	>100	20.6	1.0	26.2	>100	15.9	2.9	21.2	>100	52.1	0.0	41.2
LF1GV-14	>100	30.7	4.2	27.5	>100	16.9	12.3	13.1	>100	45.5	4.4	37.2
LF1GV-15	>100	16.0	6.6	20.2	>100	15.0	12.8	13.5	>100	46.1	4.9	38.3
LF1GV-16	18	0.9	6.7	13.5	60	3.0	14.9	5.3	>100	36.0	4.3	30.1
LF1GV-17	>100	32.5	5.3	26.2	>100	12.8	14.0	11.4	>100	42.9	3.9	33.5
LF1GV-18	>100	22.1	7.4	20.7	>100	22.3	9.0	17.5	>100	49.0	3.3	41.1
LF1GV-19	>100	12.3	2.8	22.3	>100	9.3	11.7	11.3	>100	36.8	6.1	30.7
LF1GV-20	>100	10.3	6.2	15.4	80	4.0	15.7	4.5	>100	26.5	4.2	23.3
LF1GV-21	>100	24.8	7.5	15.4	>100	11.3	14.2	5.3	>100	38.3	6.7	20.8
LF1GV-22	>100	27.8	0.9	25.8	>100	9.0	16.2	6.3	>100	46.8	3.1	32.2
LF1GV-23	42	2.1	14.9	6.2	0	0.0	20.2	0.1	>100	19.9	6.6	25.7
LF1GV-24	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-25	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-26	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-27	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-28	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-29	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-30	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF1GV-31	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	7-Oct-05				15-Nov-05				28-Nov-05			
	Barometric Pressure (in.) = 29.87				Barometric Pressure (in.) = 30.13				Barometric Pressure (in.) = 30.06			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	12	0.6	20.5	0.3	>100	66.3	11.3	13.4	>100	20.4	16.9	5.9
LF1GMP-02	>100	48.4	0.4	26.2	>100	52.3	0.8	20.9	>100	55.4	0.5	25.1
LF1GMP-03	>100	52.3	0.0	42.9	>100	54.8	0.3	36.0	>100	41.2	5.5	28.9
LF1GMP-04	>100	49.7	0.7	45.9	>100	39.7	0.0	32.1	36	1.8	8.8	13.3
LF1GMP-06	>100	70.5	0.3	8.3	>100	73.9	0.0	5.9	>100	81.3	0.5	6.1
LF1GMP-08	0	0.0	6.0	10.0	>100	6.8	0.7	15.5	10	0.5	3.7	17.8
LF1GMP-09	>100	58.8	0.3	30.7	>100	44.8	0.1	19.0	>100	49.2	0.9	21.0
LF1GMP-10	>100	20.3	1.8	25.8	>100	27.4	0.8	24.6	>100	29.9	0.8	28.4
LF1GMP-11	54	2.7	0.4	21.8	4	0.2	0.1	13.8	4	0.2	12.8	6.0
LF1GMP-12	0	0.0	18.9	2.3	0	0.0	18.6	2.6	0	0.0	19.8	1.2
LF1GMP-13	0	0.0	17.3	1.9	0	0.0	10.8	4.0	0	0.0	19.7	1.2
LF1GMP-14	0	0.0	17.4	1.8	0	0.0	13.1	2.5	0	0.0	14.4	2.9
LF1GMP-15	0	0.0	19.3	0.8	0	0.0	18.7	0.7	0	0.0	19.0	0.8
LF1GMP-16	0	0.0	17.8	2.7	0	0.0	17.5	2.8	0	0.0	18.1	2.6
LF1GMP-17	0	0.0	17.5	2.7	0	0.0	18.0	2.3	0	0.0	18.5	2.1
LF1GMP-18	>100	9.1	5.0	5.0	0	0.0	19.6	0.3	0	0.0	20.8	0.0
LF1GMP-19	>100	7.9	3.7	22.7	90	4.5	0.8	11.0	64	3.2	1.4	10.5
LF1GMP-20	0	0.0	20.4	0.0	0	0.0	20.5	0.0	4	0.2	20.7	0.0
LF1GV-01	>100	38.6	3.8	34.3	>100	40.8	0.9	29.8	>100	16.7	1.5	20.0
LF1GV-02	>100	23.0	10.6	19.3	>100	38.0	0.1	28.1	>100	14.8	3.2	19.4
LF1GV-03	>100	8.2	16.8	6.4	>100	29.8	0.0	25.3	>100	10.0	1.2	16.8
LF1GV-04	8	0.4	20.5	0.2	>100	27.0	1.0	25.6	>100	17.1	1.2	21.4
LF1GV-05	>100	46.1	0.3	42.6	>100	38.9	0.0	29.0	>100	24.7	0.8	27.0
LF1GV-06	>100	56.5	0.2	39.2	>100	42.2	0.1	27.0	>100	27.1	0.8	26.6
LF1GV-07	>100	50.2	0.3	45.3	>100	42.2	0.7	30.0	>100	32.0	0.2	32.6
LF1GV-08	>100	49.6	0.6	33.2	>100	40.1	1.0	23.9	>100	33.5	2.0	23.0
LF1GV-09	>100	32.4	4.0	27.3	>100	33.6	0.8	22.4	>100	12.3	1.8	16.7
LF1GV-10	>100	49.3	0.3	44.7	>100	38.5	0.3	29.8	>100	25.5	0.5	29.0
LF1GV-11	>100	28.4	6.1	23.1	>100	34.2	1.2	22.4	>100	18.4	6.9	15.2
LF1GV-12	>100	16.0	13.4	12.3	>100	29.3	0.1	24.5	>100	15.1	0.5	21.5
LF1GV-13	>100	45.8	0.3	37.5	>100	30.9	0.3	25.9	>100	25.2	0.7	30.6
LF1GV-14	>100	34.6	6.2	25.1	>100	39.8	1.6	23.5	>100	23.4	6.6	16,7
LF1GV-15	>100	16.4	11.2	13.3	>100	18.7	5.5	14.9	14	0.7	20.3	0.4
LF1GV-16	>100	20.9	9.6	15.2	>100	17.9	0.3	16.8	0	0.0	20.8	0.0
LF1GV-17	>100	27.8	9.7	20.2	>100	37.4	3.5	19.0	>100	18.3	6.3	13.2
LF1GV-18	>100	37.7	5.3	27.9	>100	31.2	3.7	18.5	>100	24.5	3.7	18.3
LF1GV-19	>100	15.6	12.1	12.4	>100	24.8	2.8	17.0	0	0.0	20.7	0.1
LF1GV-20	>100	15.2	10.9	11.8	>100	24.8	4.3	15.7	0	0.0	20.7	0.1
LF1GV-21	>100	22.8	12.6	11.2	>100	39.7	2.6	16.0	>100	21.8	10.9	10.4
LF1GV-22	>100	28.4	5.6	19.9	>100	35.7	1.7	20.0	>100	14.5	12.6	9.3
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	>100	26.1	0.0	31.4	0	0.0	20.6	0.0	2	0.1	20.9	0.0
LF1GV-25	>100	30.8	36.0	0.3	>100	5.3	9.4	9.6	2	0.1	19.3	0.9
LF1GV-26	0	0.0	20.5	0.0	>100	13.1	2.3	19.3	22	1.1	14.8	5.5
LF1GV-27	>100	31.2	1.8	35.2	>100	22.0	2.4	22.8	10	0.5	13.1	4.8
LF1GV-28	>100	9.4	10.2	15.0	>100	5.3	16.9	1.4	36	1.8	8.9	13.1
LF1GV-29	>100	13.1	5.9	20.1	>100	13.0	0.3	19.5	10	0.5	13.1	4.8
LF1GV-30	>100	6.4	11.3	10.5	64	3.2	5.4	11.6	8	0.4	12.2	5.6
LF1GV-31	>100	21.3	0.4	26.7	0	0	20.6	9.0	10	0.5	18.3	17.5

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	9-Jan-06				30-Mar-06				11-Jul-06			
	Barometric Pressure (in.) = 29.79				Barometric Pressure (in.) = 30.22				Barometric Pressure (in.) = 30.01 - 30.12			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	>100	98.0	0.0	2.0	>100	>100	0.2	31.2	>100	31.6	9.5	14.3
LF1GMP-02	>100	50.0	0.2	20.4	>100	45.0	0.4	19.2	14	0.7	18.5	0.4
LF1GMP-03	>100	42.2	2.5	30.1	>100	33.2	0.7	28.2	0	0.0	20.2	0.0
LF1GMP-04	>100	38.9	2.8	33.2	>100	26.4	3.4	24.4	>100	42.7	2.0	37.3
LF1GMP-06	>100	77.1	0.0	3.2	>100	61.3	0.0	1.6	>100	62.9	0.3	0.9
LF1GMP-08	>100	5.6	0.0	15.7	0	0.0	17.2	3.6	0	0.0	20.6	0.0
LF1GMP-09	>100	33.1	1.4	11.6	100	5.0	12.6	2.4	0	0.0	20.5	0.0
LF1GMP-10	>100	21.6	6.9	19.0	>100	24.7	0.0	23.4	0	0.0	20.9	0.0
LF1GMP-11	0	0.0	7.7	8.0	0	0.0	15.5	3.5	0	0.0	20.6	0.0
LF1GMP-12	0	0.0	19.4	2.0	0	0.0	19.7	1.1	0	0.0	20.4	0.1
LF1GMP-13	12	0.6	5.7	6.0	0	0.0	9.0	5.1	0	0.0	20.9	0.0
LF1GMP-14	0	0.0	14.1	2.1	0	0.0	18.0	1.3	0	0.0	19.2	0.4
LF1GMP-15	0	0.0	20.4	0.0	0	0.0	19.2	0.5	0	0.0	20.7	0.0
LF1GMP-16	0	0.0	17.6	2.6	0	0.0	19.0	1.9	0	0.0	19.9	0.3
LF1GMP-17	0	0.0	17.8	2.2	0	0.0	19.5	1.5	0	0.0	18.0	2.5
LF1GMP-18	0	0.0	20.6	0.0	0	0.0	20.8	0.0	0	0.0	20.9	0.0
LF1GMP-19	4	0.2	0.9	4.2	0	0.0	10.0	2.7	>100	7.0	9.5	10.0
LF1GMP-20	0	0.0	20.2	0.2	0	0.0	20.7	0.0	2	0.1	20.5	0.0
LF1GV-01	42	2.1	19.7	1.7	>100	6.5	17.3	5.2	2	1.1	17.3	4.0
LF1GV-02	2	0.1	20.7	0.0	>100	6.4	16.0	5.5	26	1.3	5.2	18.2
LF1GV-03	18	0.9	20.3	0.7	>100	20.2	3.0	20.9	20	1.0	13.7	5.6
LF1GV-04	>100	5.1	18.1	4.0	>100	13.8	8.7	14.0	0	0.0	19.0	1.0
LF1GV-05	0	0.0	20.6	0.0	>100	15.8	12.3	12.1	22	1.1	18.1	2.8
LF1GV-06	0	0.0	20.4	0.0	>100	14.2	9.6	14.4	28	1.4	8.8	10.1
LF1GV-07	88	4.4	18.8	2.9	>100	16.2	16.0	11.5	12	0.6	20.2	0.4
LF1GV-08	0	0.0	20.6	0.0	>100	21.4	9.4	14.5	36	1.8	18.1	2.3
LF1GV-09	26	1.3	19.8	1.1	>100	21.0	10.8	11.8	32	1.6	17.3	3.2
LF1GV-10	0	0.0	20.5	0.0	>100	15.7	9.3	15.0	0	0.0	20.7	0.1
LF1GV-11	56	2.8	19.0	2.1	>100	6.4	17.1	4.1	2	0.1	20.9	0.0
LF1GV-12	0	0.0	20.4	0.0	>100	12.2	10.4	12.6	0	0.0	20.4	0.0
LF1GV-13	0	0.0	20.3	0.0	>100	16.0	19.8	2.8	>100	7.8	1.6	20.0
LF1GV-14	50	2.5	19.3	1.5	>100	5.2	18.7	2.5	52	2.6	19.7	1.1
LF1GV-15	0	0.0	20.3	0.0	26	1.3	18.7	1.7	2	0.1	20.6	0.0
LF1GV-16	0	0.0	20.3	0.0	0	0.0	19.3	0.8	0	0.0	20.9	0.0
LF1GV-17	>100	12.6	16.2	5.7	>100	10.5	17.1	4.4	18	0.9	20.1	0.5
LF1GV-18	>100	12.3	15.6	6.1	74	3.7	18.5	2.2	8	0.4	20.4	0.2
LF1GV-19	4	0.2	20.3	0.2	44	2.2	18.6	1.8	0	0.0	20.9	0.0
LF1GV-20	0	0.0	20.1	0.3	>100	7.0	15.4	3.7	0	0.0	20.8	0.0
LF1GV-21	>100	9.1	17.5	3.1	>100	16.1	16.5	4.0	0	0.0	20.7	0.0
LF1GV-22	>100	10.5	15.3	9.5	94	4.7	19.1	2.0	12	0.6	19.9	0.4
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	0	0.0	20.7	0.0	0	0.0	21.1	0.0	>100	8.5	16.7	3.9
LF1GV-25	0	0.0	20.6	0.0	0	0.0	20.1	0.5	12	0.6	19.6	0.2
LF1GV-26	0	0.0	20.6	0.0	6	0.3	19.3	0.8	4	0.2	20.2	0.0
LF1GV-27	>100	10.0	15.3	7.8	66	3.7	18.0	2.6	0	0.0	20.4	0.0
LF1GV-28	0	0.0	20.5	0.0	0	0.0	20.9	0.2	0	0.0	20.6	0.0
LF1GV-29	86	4.3	10.3	8.6	0	0.0	20.9	0.2	0	0.0	20.7	0.0
LF1GV-30	12	0.6	19.7	0.7	0	0.0	19.2	1.1	0	0.2	20.3	0.2
LF1GV-31	0	0	20.5	0	0	0	21.1	0	0	0.0	20.2	0.2

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	9-Oct-06				3-Jan-07				31-May-07			
	Barometric Pressure (in.) = 29.43 - 29.47				Barometric Pressure (in.) = 29.42 - 29.47				Barometric Pressure (in.) = 29.40 - 29.44			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	56	2.8	19.1	1.6	>100	51.5	3.2	21.4	>100	56.2	0.7	27.8
LF1GMP-02	>100	26.5	-	18.7	0	0.0	5.1	5.4	>100	27.2	0.6	20.7
LF1GMP-03	>100	49.6	-	33.8	>100	29.2	-	22.9	>100	37.5	0.4	31.9
LF1GMP-04	>100	57.3	-	40.0	>100	19.5	0.0	24.3	>100	60.0	0.4	32.6
LF1GMP-06	>100	73.1	-	8.6	>100	11.9	-	4.8	>100	59.4	0.5	5.8
LF1GMP-08	0	0.0	20.4	0.3	0	0.0	9.9	7.0	0	0.0	20.9	0.0
LF1GMP-09	>100	33.4	-	19.7	>100	6.4	1.8	6.7	>100	12.0	13.0	5.7
LF1GMP-10	>100	23.0	-	25.3	89	4.5	14.1	5.7	10	0.4	20.2	0.4
LF1GMP-11	0	0.0	21.0	0.1	0	0.0	20.7	0.2	0	0.0	20.9	0.0
LF1GMP-12	0	0.0	20.9	0.2	0	0.0	19.8	1.9	0	0.0	20.9	0.0
LF1GMP-13	0	0.0	1.3	11.6	0	0.0	18.9	1.4	0	0.0	20.9	0.0
LF1GMP-14	0	0.0	15.0	3.3	0	0.0	17.5	1.7	0	0.0	20.7	0.3
LF1GMP-15	0	0.0	20.1	0.6	0	0.0	20.4	0.4	0	0.0	20.9	0.0
LF1GMP-16	0	0.0	20.5	0.5	0	0.0	18.0	2.4	0	0.0	19.2	1.7
LF1GMP-17	0	0.0	18.0	2.9	0	0.0	18.6	2.0	0	0.0	18.9	1.6
LF1GMP-18	0	0.0	17.4	2.8	0	0.0	20.9	0.2	0	0.0	6.8	4.8
LF1GMP-19	46	2.3	12.1	6.0	0	0.0	4.2	1.6	0	0.0	12.0	3.8
LF1GMP-20	2	0.1	20.8	0.1	0	0.0	20.9	0.1	0	0.0	20.6	0.0
LF1GV-01	70	3.5	20.0	3.4	2	0.1	20.9	0.2	>100	14.8	14.2	12.4
LF1GV-02	>100	7.7	17.6	6.3	0	0.0	20.8	0.2	>100	15.4	13.8	11.6
LF1GV-03	>100	11.3	15.8	9.2	0	0.0	21.0	0.1	>100	11.0	15.4	8.4
LF1GV-04	>100	6.7	17.6	5.7	0	0.0	20.9	0.1	42	2.1	20.0	1.2
LF1GV-05	>100	5.2	18.7	4.6	9	0.5	20.8	0.2	>100	30.5	6.9	25.2
LF1GV-06	>100	24.4	6.8	19.8	0	0.0	20.9	0.0	84	4.2	18.6	2.8
LF1GV-07	>100	11.5	16.2	9.8	39	2.0	19.8	1.7	>100	18.6	13.6	13.9
LF1GV-08	>100	14.0	15.3	9.0	>100	6.9	17.0	4.8	26	1.3	20.8	0.3
LF1GV-09	>100	9.9	16.7	6.9	39	2.0	19.2	1.7	20	1.0	20.8	0.2
LF1GV-10	>100	20.3	11.9	18.4	0	0.0	20.9	0.1	>100	7.1	7.2	5.5
LF1GV-11	>100	5.0	18.3	4.1	34	1.7	19.6	1.1	22	1.1	20.8	0.3
LF1GV-12	0	0.0	20.7	0.1	>100	5.4	16.0	4.5	>100	5.9	18.0	4.6
LF1GV-13	>100	16.5	11.5	14.4	0	0.0	20.8	0.1	>100	27.1	2.2	23.1
LF1GV-14	>100	6.6	17.8	5.1	20	1.0	20.0	0.6	96	4.8	1.8	19.4
LF1GV-15	4	0.2	20.7	0.3	13	0.7	19.9	1.0	46	2.3	19.4	1.6
LF1GV-16	61	3.1	18.6	2.4	9	0.4	18.2	1.8	0	0.0	21.0	0.0
LF1GV-17	20	1.0	20.1	1.1	>100	6.0	16.7	3.6	>100	7.6	18.2	3.5
LF1GV-18	84	4.2	19.0	3.0	53	2.7	17.9	2.2	42	2.1	20.2	0.8
LF1GV-19	7	0.3	20.5	0.5	25	1.3	18.8	1.5	6	0.3	20.8	0.0
LF1GV-20	80	4.0	18.1	2.8	40	2.0	18.7	1.7	50	2.5	18.8	1.8
LF1GV-21	>100	17.8	14.4	5.9	>100	6.7	17.3	2.6	>100	10.0	18.0	2.2
LF1GV-22	83	4.1	18.7	2.9	50	2.6	18.8	1.9	>100	8.9	18.0	3.0
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	0	0.0	20.9	0.2	0	0.0	20.9	0.1	8	0.4	1.1	16.7
LF1GV-25	12	0.6	20.5	1.1	31	1.6	15.0	3.6	14	0.7	17.4	2.5
LF1GV-26	>100	15.6	13.7	8.7	0	0.0	20.9	0.1	0	0.0	20.7	0.0
LF1GV-27	>100	33.4	1.7	27.2	0	0.0	20.9	0.1	0	0.0	20.9	0.0
LF1GV-28	0	0.0	21.0	0.1	0	0.0	20.9	0.1	0	0.0	20.9	0.0
LF1GV-29	>100	13.8	11.4	11.2	0	0.0	20.9	0.1	0	0.0	21.1	0.0
LF1GV-30	0	0.0	21.1	0.0	0	0.0	20.9	0.1	0	0.0	19.4	0.9
LF1GV-31	0	0.0	20.9	0.1	0	0.0	20.9	0.1	1	0.1	12.9	5.6

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	30-Jul-07				6-Oct-07				23-Jan-08			
	Barometric Pressure (in.) = 29.38 - 29.46				Barometric Pressure (in.) = 30.19				Barometric Pressure (in.) = 29.37-29.53			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	18	0.8	19.4	1.4	>100	99.9	0.2	0.0	>100	81.0	0.9	27.3
LF1GMP-02	0	0.0	20.0	0.4	>100	29.4	0.2	17.9	0	0.0	21.2	0.0
LF1GMP-03	>100	34.3	0.4	31.0	>100	49.9	0.1	39.3	>100	34.8	0.0	29.2
LF1GMP-04	>100	50.7	0.1	39.1	>100	51.7	0.2	47.4	0	0.0	20.0	0.2
LF1GMP-06	>100	74.2	0.2	7.4	>100	65.9	0.3	10.3	>100	45.7	0.0	4.0
LF1GMP-08	0	0.0	20.9	0.0	0	0.0	16.4	3.0	0	0.0	19.0	2.2
LF1GMP-09	>100	16.0	2.1	12.4	>100	41.5	0.3	23.8	0	0.0	20.6	0.1
LF1GMP-10	>100	7.2	1.4	16.7	>100	14.5	0.1	23.0	>100	20.0	0.2	21.7
LF1GMP-11	0	0.0	17.7	2.2	0	0.0	17.7	2.7	0	0.0	21.3	0.1
LF1GMP-12	0	0.0	20.8	0.3	0	0.0	20.8	0.0	0	0.0	19.6	2.1
LF1GMP-13	0	0.0	15.0	4.2	0	0.0	12.5	5.3	0	0.0	17.1	2.3
LF1GMP-14	0	0.0	19.4	1.3	0	0.0	18.8	1.3	0	0.0	19.5	0.8
LF1GMP-15	0	0.0	20.1	0.5	0	0.0	19.6	1.0	0	0.0	20.4	0.6
LF1GMP-16	0	0.0	20.2	0.3	0	0.0	18.8	2.3	3	0.2	19.2	2.2
LF1GMP-17	0	0.0	18.0	2.8	0	0.0	18.9	2.3	1	0.1	19.3	2.0
LF1GMP-18	0	0.0	13.2	6.5	4	0.2	14.3	6.0	0	0.0	21.3	0.1
LF1GMP-19	0	0.0	20.4	0.3	0	0.0	19.1	1.7	4	0.2	17.7	2.5
LF1GMP-20	0	0.0	21.0	0.0	0	0.0	20.8	0.0	4	0.2	21.0	0.1
LF1GV-01	>100	6.9	17.1	5.9	>100	21.7	10.4	20.7	0	0.0	21.3	0.1
LF1GV-02	>100	25.5	7.1	22.8	>100	34.1	4.5	31.2	0	0.0	21.0	0.0
LF1GV-03	>100	25.7	2.8	26.5	>100	35.3	0.1	36.0	0	0.0	21.2	0.0
LF1GV-04	>100	7.3	12.1	11.4	>100	27.6	1.8	31.3	0	0.0	20.5	0.1
LF1GV-05	>100	31.1	4.5	29.4	>100	38.8	5.5	31.0	0	0.0	19.4	0.1
LF1GV-06	>100	20.0	2.8	22.7	>100	40.8	0.1	35.1	0	0.0	21.4	0.0
LF1GV-07	>100	24.0	10.2	18.2	>100	33.0	5.7	30.2	12	0.8	20.5	1.2
LF1GV-08	>100	16.8	10.9	13.1	>100	20.4	10.7	14.0	24	1.2	19.4	1.1
LF1GV-09	76	3.8	18.6	3.1	>100	25.6	8.2	20.9	2	0.1	20.0	0.4
LF1GV-10	>100	5.8	17.2	5.2	>100	17.5	12.5	15.4	9	0.5	17.8	2.9
LF1GV-11	>100	5.5	18.0	3.8	>100	9.4	15.2	7.2	1	0.1	20.3	0.2
LF1GV-12	>100	6.0	15.4	6.7	>100	30.1	3.2	29.7	7	0.4	19.6	0.8
LF1GV-13	>100	25.3	0.5	25.5	>100	31.9	0.9	31.7	14	0.8	18.9	2.3
LF1GV-14	>100	6.2	18.4	3.6	>100	20.1	10.6	16.4	4	0.2	20.3	0.4
LF1GV-15	>100	10.4	14.9	8.0	>100	11.6	13.7	9.7	0	0.0	20.4	0.2
LF1GV-16	46	2.3	9.9	9.8	>100	14.7	7.1	14.2	0	0.0	20.5	0.1
LF1GV-17	>100	14.2	14.8	9.0	>100	5.8	18.3	3.7	2	0.1	20.8	0.2
LF1GV-18	>100	7.7	19.4	4.9	>100	14.5	15.3	9.1	0	0.0	20.6	0.3
LF1GV-19	>100	7.0	16.0	5.4	>100	12.8	12.9	9.2	0	0.0	20.8	0.2
LF1GV-20	>100	7.3	12.6	6.8	>100	10.9	11.4	8.3	0	0.0	20.7	0.2
LF1GV-21	>100	12.0	16.5	4.3	>100	17.6	6.8	14.4	17	0.9	20.2	0.6
LF1GV-22	>100	15.2	14.2	8.6	>100	6.6	17.1	4.4	13	0.7	20.2	1.0
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	>100	9.3	6.2	17.5	>100	14.4	2.2	22.4	0	0.0	21.2	0.0
LF1GV-25	2	0.1	20.5	0.2	>100	12.5	11.8	13.4	0	0.0	20.2	0.1
LF1GV-26	0	0.0	20.9	0.0	>100	7.2	15.3	12.9	1	0.1	19.0	1.6
LF1GV-27	0	0.0	21.0	0.0	>100	13.1	11.0	16.8	0	0.0	20.1	0.1
LF1GV-28	0	0.0	21.2	0.0	40	2.0	14.6	5.5	0	0.0	21.3	0.1
LF1GV-29	0	0.0	21.0	0.0	0	0.0	21.0	0.0	0	0.0	20.3	1.0
LF1GV-30	0	0.0	20.9	0.1	2	1.0	20.8	0.0	0	0.0	20.9	0.3
LF1GV-31	0	0.0	21.0	0.0	>100	7.7	1.7	19	0	0.0	21.3	0.1

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	17-Apr-08				1-Jul-08				17-Nov-08			
	Barometric Pressure (in.) = 30.01-30.20				Barometric Pressure (in.) = 29.29 - 29.40				Barometric Pressure (in.) = 29.38-29.41			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	>100	36.1	1.8	21.8	>100	10.6	11.7	8.9	2	0.1	21.3	0.1
LF1GMP-02	>100	7.2	0.3	14.4	34	1.8	6.6	5.1	0	0.0	21.4	0.0
LF1GMP-03	>100	17.9	0.3	21.6	>100	30.0	0.2	27.8	>100	5.9	18.0	4.3
LF1GMP-04	>100	15.7	5.4	17.5	>100	28.4	0.0	32.9	0	0.0	21.6	0.0
LF1GMP-06	>100	21.3	0.7	4.4	>100	24.2	0.9	7.7	0	0.0	21.7	0.1
LF1GMP-08	0	0.0	15.6	2.4	0	0.0	16.9	3.7	1	0.0	21.6	0.1
LF1GMP-09	>100	10.0	1.2	7.7	>100	20.9	0.4	16.0	1	0.0	21.5	0.0
LF1GMP-10	>100	8.4	1.2	13.3	80	3.9	15.1	4.0	0	0.0	21.0	0.0
LF1GMP-11	0	0.0	18.9	0.4	0	0.0	17.4	3.8	0	0.0	21.7	0.1
LF1GMP-12	0	0.0	18.8	0.9	0	0.0	20.6	1.7	0	0.0	19.6	2.8
LF1GMP-13	0	0.0	21.0	0.3	0	0.1	19.1	1.8	2	0.1	21.4	0.1
LF1GMP-14	0	0.0	20.2	0.2	0	0.0	21.2	0.3	2	0.1	19.7	0.6
LF1GMP-15	0	0.0	18.0	0.8	0	0.0	21.1	0.3	1	0.0	21.6	0.1
LF1GMP-16	0	0.0	19.1	1.4	4	0.3	19.9	2.1	0	0.0	21.2	0.1
LF1GMP-17	0	0.0	19.4	1.4	5	0.3	19.3	2.1	0	0.0	19.5	1.6
LF1GMP-18	0	0.0	20.2	0.0	0	0.0	6.1	11.6	0	0.0	21.6	0.0
LF1GMP-19	4	0.2	18.0	0.8	0	0.0	17.5	2.9	0	0.0	21.6	0.1
LF1GMP-20	2	0.1	20.0	0.0	0	0.0	21.9	0.7	0	0.0	21.7	0.0
LF1GV-01	>100	9.4	12.8	9.1	>100	6.4	13.1	17.1	0	0.0	21.3	0.1
LF1GV-02	>100	17.1	4.6	17.4	90	4.5	12.9	13.0	2	0.1	21.3	0.1
LF1GV-03	>100	22.7	0.4	23.6	>100	9.2	2.9	23.0	2	0.1	21.3	0.1
LF1GV-04	>100	17.7	4.3	19.7	0	0.0	21.2	0.0	3	0.1	21.3	0.1
LF1GV-05	>100	14.8	10.8	13.1	>100	17.3	1.1	31.3	0	0.0	20.9	0.0
LF1GV-06	>100	21.2	0.4	24.4	0	0.0	21.2	0.1	0	0.0	20.2	0.1
LF1GV-07	>100	10.5	13.8	9.2	>100	8.0	13.0	12.0	0	0.0	20.7	0.1
LF1GV-08	>100	20.8	9.3	12.7	63	3.2	18.6	4.0	0	0.0	20.5	0.1
LF1GV-09	>100	14.7	11.3	10.4	0	0.0	20.6	2.2	0	0.0	20.3	0.1
LF1GV-10	>100	11.2	9.9	11.5	18	0.9	15.9	6.2	0	0.0	21.2	0.0
LF1GV-11	>100	13.2	11.2	9.6	55	2.7	16.5	5.5	0	0.0	21.3	0.0
LF1GV-12	>100	15.6	7.1	14.9	0	0.0	21.4	0.1	0	0.0	21.3	0.0
LF1GV-13	>100	17.4	0.1	20.4	90	4.5	2.0	21.8	0	0.0	21.3	0.1
LF1GV-14	>100	13.5	11.0	9.5	47	2.4	18.8	3.8	0	0.0	21.4	0.1
LF1GV-15	76	3.8	14.2	5.1	47	2.4	14.4	6.5	0	0.0	21.4	0.1
LF1GV-16	4.0	0.2	17.3	1.6	0.0	0.0	20.6	1.1	0.0	0.0	21.3	0.1
LF1GV-17	>100	13.9	13.1	8.0	53	2.7	18.2	3.8	2	0.1	21.2	0.0
LF1GV-18	>100	8.4	14.5	5.7	23	1.1	19.8	2.7	0	0.0	21.3	0.0
LF1GV-19	>100	11.5	7.7	9.8	12	0.7	19.0	2.4	2	0.1	21.3	0.1
LF1GV-20	82	4.1	16.8	2.8	5	0.3	18.6	2.4	0	0.0	21.3	0.0
LF1GV-21	>100	16.4	12.4	6.4	65	3.4	18.0	3.8	0	0.0	21.3	0.0
LF1GV-22	>100	11.2	12.7	7.4	69	3.5	15.7	6.0	2	0.1	21.2	0.1
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	2	0.1	16.7	1.8	17	0.9	14.8	20.1	0	0.0	21.0	0.0
LF1GV-25	6	0.3	16.5	2.1	0	0.0	21.3	1.0	0	0.0	18.6	2.7
LF1GV-26	2	0.1	20.7	0.0	0	0.0	21.4	0.7	0	0.0	21.1	0.1
LF1GV-27	16	0.8	18.9	1.1	0	0.0	21.2	1.2	11	0.6	21.0	1.1
LF1GV-28	0	0.0	20.7	0.1	0	0.0	21.6	0.8	0	0.0	21.0	0.0
LF1GV-29	2	0.1	18.4	0.9	0	0.0	19.1	2.1	0	0.0	20.9	0.2
LF1GV-30	0	0.0	19.7	0.0	0	0.0	20.6	1.8	0	0.0	20.9	0.1
LF1GV-31	0	0.0	19.8	0.1	0	0.0	21.0	0.9	0	0.0	21.1	0.0

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	20-Jan-09				24-Apr-09				9-Jul-09			
	Barometric Pressure (in.) = 28.95-29.88				Barometric Pressure (in.) = 29.51-29.58				Barometric Pressure (in.) = 29.56-29.66			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	>100	59.0	1.9	20.3	>100	7.6	13.2	5.8	>100	26.8	4.1	17.9
LF1GMP-02	91	4.5	1.7	10.2	0	0.0	20.7	0.2	34	1.7	6.4	3.7
LF1GMP-03	>100	38.2	1.7	26.6	>100	14.5	7.7	11.9	>100	24.8	6.8	19.5
LF1GMP-04	0	0.0	21.3	0.1	12	0.6	18.8	1.0	>100	10.3	5.8	15.9
LF1GMP-06	0	0.0	20.3	0.2	0	0.0	20.1	0.1	94	4.7	6.4	3.3
LF1GMP-08	0	0.0	21.3	0.2	0	0.0	20.8	0.1	0	0.0	18.0	2.3
LF1GMP-09	>100	8.6	11.9	5.3	23	1.1	17.6	0.2	>100	15.5	0.3	10.2
LF1GMP-10	>100	14.4	1.3	20.1	62	3.1	12.2	3.6	0	0.0	20.7	0.0
LF1GMP-11	0	0.0	21.4	0.1	0	0.0	19.6	0.7	0	0.0	17.2	1.5
LF1GMP-12	0	0.0	20.3	0.2	0	0.0	20.0	1.1	0	0.0	19.9	0.0
LF1GMP-13	0	0.0	19.5	1.5	0	0.0	19.7	0.4	0	0.0	19.4	0.9
LF1GMP-14	0	0.0	20.7	0.9	0	0.0	20.9	0.0	0	0.0	19.2	1.2
LF1GMP-15	0	0.0	21.7	0.3	0	0.0	20.2	0.3	0	0.0	17.7	1.6
LF1GMP-16	0	0.0	18.3	2.2	0	0.0	20.1	1.4	0	0.0	18.7	1.7
LF1GMP-17	1	0.1	20.0	0.3	0	0.0	20.0	1.7	0	0.0	18.1	2.3
LF1GMP-18	13	0.6	20.8	0.6	0	0.0	21.0	0.0	0	0.0	19.4	0.3
LF1GMP-19	0	0.0	21.1	0.1	0	0.0	19.5	1.1	0	0.0	19.6	5.6
LF1GMP-20	0	0.0	21.1	0.1	0	0.0	20.9	0.0	0	0.0	19.5	0.0
LF1GV-01	8	0.4	21.0	0.8	2	0.1	20.0	0.5	0	0.0	20.2	0.1
LF1GV-02	8	0.4	20.6	1.1	2	0.1	19.8	1.2	0	0.0	19.7	0.1
LF1GV-03	8	0.4	20.6	0.9	14	0.7	14.9	4.6	1	0.0	17.5	1.3
LF1GV-04	14	0.7	20.0	1.4	2	0.1	19.4	1.4	2	0.1	16.5	2.9
LF1GV-05	0	0.0	21.0	0.0	36	1.7	14.6	5.2	0	0.0	20.5	0.0
LF1GV-06	0	0.0	21.0	0.1	9	0.4	17.0	6.8	1	0.0	15.3	3.0
LF1GV-07	0	0.0	21.4	0.1	15	0.8	18.8	2.1	0	0.0	20.4	0.0
LF1GV-08	0	0.0	20.8	0.0	38	1.9	18.9	1.5	11	0.6	18.7	1.9
LF1GV-09	0	0.0	21.0	0.1	10	0.5	18.6	1.8	1	0.0	18.3	1.6
LF1GV-10	0	0.0	21.2	0.1	5	0.2	18.7	1.7	0	0.0	19.1	0.5
LF1GV-11	0	0.0	21.1	0.1	34	1.7	19.6	1.2	1	0.1	19.6	0.8
LF1GV-12	0	0.0	21.0	0.1	8	0.4	19.0	1.5	0	0.0	20.6	0.0
LF1GV-13	0	0.0	20.3	0.2	>100	7.4	15.6	2.6	44	2.3	12.5	4.7
LF1GV-14	0	0.0	21.1	0.1	27	1.4	19.7	1.0	8	0.4	18.6	1.9
LF1GV-15	0	0.0	21.1	0.1	8	0.4	19.3	1.0	0	0.0	20.3	0.0
LF1GV-16	0.0	0.0	22.0	0.1	0.0	0.0	19.5	0.6	0	0.0	20.5	0.0
LF1GV-17	0	0.0	20.5	0.2	11	0.5	20.2	0.4	0	0.0	20.4	0.0
LF1GV-18	0	0.0	20.5	0.2	11	0.5	17.9	1.9	0	0.0	20.4	0.0
LF1GV-19	0	0.0	21.0	0.3	38	1.9	13.4	4.6	0	0.0	20.3	0.0
LF1GV-20	0	0.0	21.2	0.2	67	3.3	14.5	3.0	0	0.0	20.4	0.0
LF1GV-21	0	0.0	20.3	0.2	64	3.2	17.0	2.5	0	0.0	19.7	0.2
LF1GV-22	0	0.0	20.4	0.2	>100	5.7	5.2	13.7	0	0.0	19.7	0.4
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	12	0.6	21.0	0.6	0	0.0	20.7	0.2	3	0.1	19.0	0.8
LF1GV-25	8	0.4	21.1	0.5	0	0.0	20.0	0.7	0	0.0	19.4	0.0
LF1GV-26	0	0.0	21.2	0.0	0	0.0	21.0	0.0	0	0.0	19.4	0.0
LF1GV-27	0	0.0	21.4	0.1	1	0.0	20.3	0.1	0	0.0	19.2	0.0
LF1GV-28	0	0.0	21.4	0.1	0	0.0	20.8	0.0	0	0.0	19.6	0.0
LF1GV-29	0	0.0	21.4	0.1	0	0.0	19.3	1.2	0	0.0	19.3	0.0
LF1GV-30	0	0.0	21.4	0.1	0	0.0	21.1	0.0	0	0.0	18.8	0.5
LF1GV-31	0	0.0	21.4	0.1	0	0.0	20.9	0.0	0	0.0	6.4	3.1

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	20-Oct-09				1-Feb-10				5-May-10			
	Barometric Pressure (in.) = 29.50-29.61				Barometric Pressure (in.) = 29.45-29.50				Barometric Pressure (in.) = 29.04-29.23			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	>100	28.5	5.9	17.8	>100	45.5	2.1	20.6	>100	32.4	2.5	18.8
LF1GMP-02	0	0.0	20.8	0.1	0	0.0	14.4	2.1	>100	8.1	0.0	12.8
LF1GMP-03	>100	14.8	10.2	10.7	>100	5.7	8.1	8.1	>100	18.2	0.0	22.1
LF1GMP-04	>100	55.6	0.0	43.4	10	0.5	14.3	4.5	>100	17.6	0.0	24.2
LF1GMP-06	>100	84.0	0.0	6.7	>100	70.8	0.0	4.3	>100	44.8	0.0	6.3
LF1GMP-08	0	0.0	19.9	0.6	0	0.0	20.5	1.1	0	0.0	16.3	2.5
LF1GMP-09	>100	45.0	0.0	21.3	47	2.4	7.7	4.0	>100	11.2	0.0	12.5
LF1GMP-10	>100	6.1	11.8	5.8	>100	9.0	6.8	10.7	>100	10.2	0.5	15.1
LF1GMP-11	0	0.0	2.0	0.2	0	0.0	23.8	0.1	0	0.0	16.1	2.3
LF1GMP-12	0	0.0	20.8	2.0	0	0.0	21.4	1.5	0	0.0	18.5	1.5
LF1GMP-13	0	0.0	19.4	0.0	0	0.0	18.1	1.3	0	0.0	15.1	2.2
LF1GMP-14	0	0.0	20.9	0.9	0	0.0	21.6	0.6	0	0.0	19.0	0.5
LF1GMP-15	0	0.0	19.0	0.6	0	0.0	22.3	0.1	0	0.0	19.2	0.5
LF1GMP-16	0	0.0	20.0	1.3	0	0.0	19.9	1.5	0	0.0	19.1	1.6
LF1GMP-17	0	0.0	19.3	0.2	0	0.0	19.6	1.5	0	0.0	19.4	1.5
LF1GMP-18	0	0.0	20.4	1.1	0	0.0	22.0	0.1	0	0.0	19.6	0.2
LF1GMP-19	0	0.0	19.9	9.0	0	0.0	22.0	0.3	0	0.0	18.6	0.7
LF1GMP-20	0	0.0	3.4	0.0	2	0.1	22.7	0.1	0	0.0	19.6	0.0
LF1GV-01	25	1.2	21.1	1.2	0	0.0	22.1	0.2	>100	8.0	13.6	8.1
LF1GV-02	>100	11.3	19.9	14.0	2	0.1	21.3	0.5	>100	7.6	12.5	9.8
LF1GV-03	58	2.9	15.2	5.2	3	0.1	21.0	0.7	>100	5.4	14.0	6.8
LF1GV-04	19	1.0	19.0	1.9	0	0.0	22.0	0.3	>100	15.2	0.3	20.9
LF1GV-05	>100	5.1	19.1	3.5	>100	6.1	19.5	8.8	>100	5.7	14.8	6.7
LF1GV-06	>100	8.8	7.6	14.8	>100	7.4	2.9	17.1	>100	8.2	6.8	12.2
LF1GV-07	0	0.0	20.9	0.0	>100	6.6	14.6	7.3	3	0.1	20.9	0.1
LF1GV-08	0	0.0	20.8	0.0	>100	6.5	17.0	4.8	13	0.6	20.6	0.5
LF1GV-09	20	1.0	20.0	1.0	47	2.3	19.2	2.1	16	0.8	20.6	0.7
LF1GV-10	0	0.0	20.9	0.0	>100	5.0	8.4	11.8	2	0.1	20.7	0.2
LF1GV-11	0	0.0	20.8	0.1	79	3.9	18.4	3.1	3	0.1	20.8	0.2
LF1GV-12	0	0.0	20.8	0.2	60	3.0	16.9	4.2	3	0.2	20.6	0.3
LF1GV-13	11	0.5	18.9	1.9	>100	20.4	0.4	22.5	2	0.1	20.3	0.9
LF1GV-14	0	0.0	20.9	0.1	>100	5.0	17.5	3.9	46	2.3	19.7	1.3
LF1GV-15	0	0.0	21.0	0.0	24	1.2	17.9	2.8	5	0.2	20.6	0.4
LF1GV-16	0	0.0	21.0	0.0	6	0.3	18.3	1.9	0	0.0	20.9	0.0
LF1GV-17	7	0.3	20.8	0.3	31	1.5	21.1	1.3	37	1.7	19.9	1.4
LF1GV-18	0	0.0	20.9	0.1	22	1.1	20.6	1.4	21	1.0	20.0	0.9
LF1GV-19	0	0.0	21.0	0.1	52	2.5	17.5	3.3	8	0.3	20.5	0.5
LF1GV-20	0	0.0	21.1	0.0	58	2.9	18.7	1.9	28	1.4	20.1	0.6
LF1GV-21	22	1.1	20.1	0.7	>100	5.9	18.9	2.4	76	3.8	19.6	1.1
LF1GV-22	4	0.2	21.0	0.1	>100	7.3	16.0	5.5	12	0.6	20.6	0.5
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	0	0.0	13.7	4.5	0	0.0	22.3	0.1	0	0.0	14.9	1.9
LF1GV-25	3	0.1	20.5	0.3	0	0.0	22.2	0.1	0	0.0	16.1	2.8
LF1GV-26	77	3.9	19.9	3.2	0	0.0	22.1	0.2	0	0.0	19.8	0.1
LF1GV-27	>100	9.2	14.1	6.9	0	0.0	21.8	0.1	0	0.0	19.6	0.2
LF1GV-28	8	0.4	20.7	0.4	0	0.0	22.0	0.1	0	0.0	17.7	1.4
LF1GV-29	0	0.0	21.1	0.0	0	0.0	19.6	1.6	0	0.0	19.9	0.1
LF1GV-30	0	0.0	21.1	0.0	0	0.0	21.9	0.1	0	0.0	19.6	0.3
LF1GV-31	0	0.0	20.6	0.4	0	0.0	21.8	0.1	0	0.0	14.2	4.1

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	31-Aug-10				26-Oct-10				12-May-11			
	Barometric Pressure (in.) = 29.40-29.29				Barometric Pressure (in.) = 29.13-29.20				Barometric Pressure (in.) = 29.41-29.21			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	>100	52.5	0.9	24.6	>100	48.4	2.4	24.7	>100	36.9	0.8	22.2
LF1GMP-02	>100	28.6	0.1	18.1	26	1.3	7.9	3.6	>100	11.7	2.6	12.9
LF1GMP-03	>100	43.7	0.1	34.6	>100	46.1	0.8	34.0	>100	25.9	0.0	25.4
LF1GMP-04	>100	53.8	0.1	40.9	>100	24.8	8.6	20.4	>100	32.7	0.0	27.4
LF1GMP-06	>100	79.5	0.3	8.9	>100	24.2	12.9	3.5	>100	70.1	0.0	3.5
LF1GMP-08	0	0.0	7.4	8.4	0	0.0	18.8	0.8	0	0.0	14.4	3.4
LF1GMP-09	>100	45.7	0.3	22.9	60	3.0	17.5	1.8	>100	20.5	1.1	7.6
LF1GMP-10	>100	18.1	0.3	21.6	0	0.0	18.8	0.5	>100	11.2	0.6	15.9
LF1GMP-11	0	0.0	15.2	3.3	0	0.0	20.1	0.4	0	0.0	17.1	1.1
LF1GMP-12	0	0.0	17.9	2.3	0	0.0	19.9	0.7	0	0.0	19.1	0.5
LF1GMP-13	0	0.0	7.4	7.1	0	0.0	19.1	0.4	0	0.0	13.5	1.7
LF1GMP-14	0	0.0	15.6	2.0	0	0.0	18.9	0.4	0	0.0	18.4	0.4
LF1GMP-15	0	0.0	18.6	1.3	0	0.0	18.6	0.8	0	0.0	18.8	1.3
LF1GMP-16	0	0.0	17.7	2.5	0	0.0	18.7	1.7	0	0.0	18.7	1.4
LF1GMP-17	0	0.0	17.5	2.5	1	0.1	19.7	0.8	0	0.0	18.4	1.4
LF1GMP-18	0	0.0	17.5	2.4	0	0.0	19.6	1.0	0	0.0	19.7	0.0
LF1GMP-19	53	2.6	7.1	5.2	0	0.0	20.2	0.3	0	0.0	17.0	0.4
LF1GMP-20	0	0.0	20.1	0.0	0	0.0	20.3	0.3	0	0.0	19.9	0.0
LF1GV-01	>100	26.3	8.8	23.2	9	0.5	15.4	6.4	>100	7.2	15.9	5.9
LF1GV-02	>100	11.8	14.7	9.6	32	1.6	15.3	6.7	>100	14.0	10.5	12.7
LF1GV-03	>100	27.5	8.0	21.0	>100	8.5	12.9	9.1	>100	32.7	0.0	28.6
LF1GV-04	>100	24.2	5.5	22.2	>100	10.3	9.7	13.3	>100	20.8	4.4	20.4
LF1GV-05	>100	23.7	10.0	19.3	17	0.9	14.8	7.6	>100	14.5	13.5	12.3
LF1GV-06	>100	32.8	4.3	25.3	56	2.8	10.8	13.2	>100	20.3	7.9	17.8
LF1GV-07	>100	16.1	13.6	14.2	15	0.9	15.7	6.4	>100	12.6	15.0	8.4
LF1GV-08	>100	9.5	16.7	6.2	14	0.7	15.7	5.1	>100	6.6	17.8	4.3
LF1GV-09	>100	9.8	16.4	6.8	8	0.4	15.4	5.7	>100	10.7	16.6	4.6
LF1GV-10	>100	15.4	13.4	13.0	76	3.8	11.8	13.4	>100	11.3	14.0	9.6
LF1GV-11	>100	5.2	18.0	3.9	11	0.6	15.9	5.6	>100	8.4	17.2	4.5
LF1GV-12	>100	14.5	13.1	12.4	28	1.4	14.4	8.0	81	4.0	18.3	4.1
LF1GV-13	>100	13.5	12.8	11.4	90	4.3	9.8	14.6	>100	13.0	11.3	10.7
LF1GV-14	>100	5.0	18.2	3.5	11	0.6	15.2	5.9	>100	6.7	16.9	4.3
LF1GV-15	>100	6.5	16.6	6.9	0	0.0	16.8	3.4	77	4.0	17.5	3.6
LF1GV-16	>100	8.8	14.0	7.5	34	1.7	11.2	9.6	62	3.5	15.1	4.7
LF1GV-17	>100	5.8	17.5	5.1	17	0.9	15.4	6.2	>100	6.0	17.7	4.0
LF1GV-18	>100	9.3	15.9	6.9	13	0.7	15.7	4.8	74	3.7	18.4	2.9
LF1GV-19	>100	15.4	12.5	10.3	63	3.1	10.8	10.0	>100	9.9	14.2	7.2
LF1GV-20	>100	10.1	13.5	6.5	62	3.1	9.9	9.5	>100	11.2	11.8	7.0
LF1GV-21	>100	17.5	14.0	6.7	47	2.4	13.0	6.6	>100	19.5	12.5	7.1
LF1GV-22	>100	8.6	15.9	6.8	34	1.9	13.7	8.2	>100	7.6	15.7	5.2
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	>100	18.9	0.4	21.3	0	0.0	19.6	0.5	0	0.0	2.6	10.9
LF1GV-25	>100	26.9	0.2	26.5	39	1.9	17.0	3.2	5	0.8	13.1	4.4
LF1GV-26	>100	10.8	12.0	10.4	68	3.4	17.8	3.2	0	0.0	20.5	0.0
LF1GV-27	33	1.7	18.7	2.9	>100	10.7	13.6	8.0	53	2.2	15.8	4.4
LF1GV-28	5	0.2	19.7	0.3	11	0.6	20.2	0.4	0	0.0	20.4	0.0
LF1GV-29	26	1.3	17.8	2.4	>100	8.8	11.4	8.2	0	0.0	20.4	0.0
LF1GV-30	>100	8.6	10.4	11.7	0	0.0	20.2	0.4	0	0.0	20.6	0.0
LF1GV-31	>100	5.6	9.5	9.0	0	0.0	19.5	0.7	0	0.0	19.3	1.2

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	18-Oct-11				7-May-12				4-Oct-12			
	Barometric Pressure (in.) = 29.11-29.14				Barometric Pressure (in.) = 29.02-29.34				Barometric Pressure (in.) = 29.49-29.56			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	0	0.0	21.2	0.0	>100	20.4	0.9	22.5	>100	30.5	3.9	19.4
LF1GMP-02	0	0.0	21.2	0.0	>100	21.7	0.0	13.9	>100	16.3	2.3	9.7
LF1GMP-03	>100	44.3	0.6	35.2	>100	24.3	0.0	28.1	>100	38.2	1.3	30.8
LF1GMP-04	>100	44.6	0.4	39.5	>100	31.4	0.0	28.4	56	2.8	19.3	3.1
LF1GMP-06	0	0.0	20.8	0.2	>100	52.9	0.0	5.0	>100	77.3	0.2	8.7
LF1GMP-08	0	0.0	20.0	1.0	0	0.0	13.4	3.4	0	0.0	20.6	0.4
LF1GMP-09	59	2.8	17.4	1.8	>100	19.2	0.0	11.5	>100	43.5	1.5	24.4
LF1GMP-10	>100	16.2	2.1	18.1	>100	13.0	0.2	15.1	53	2.5	17.1	4.1
LF1GMP-11	0	0.0	20.3	0.8	0	0.0	17.4	2.7	0	0.0	20.9	0.2
LF1GMP-12	0	0.0	20.2	1.6	0	0.0	20.5	1.6	0	0.0	20.7	0.6
LF1GMP-13	0	0.0	12.4	4.4	0	0.0	18.3	1.7	0	0.0	20.5	0.3
LF1GMP-14	0	0.0	19.6	0.6	0	0.0	21.5	0.3	0	0.0	20.7	0.7
LF1GMP-15	0	0.0	20.6	0.6	0	0.0	21.2	0.6	0	0.0	20.0	0.9
LF1GMP-16	0	0.0	21.1	0.0	0	0.0	22.0	0.0	0	0.0	20.7	0.2
LF1GMP-17	0	0.0	21.1	0.0	0	0.0	18.3	1.7	0	0.0	20.7	0.1
LF1GMP-18	0	0.0	21.0	0.5	0	0.0	20.5	1.7	0	0.0	15.0	3.4
LF1GMP-19	0	0.0	21.2	0.1	0	0.0	20.4	0.5	0	0.0	17.9	1.9
LF1GMP-20	0	0.0	21.4	0.0	0	0.0	21.9	0.0	0	0.0	21.2	0.0
LF1GV-01	0	0.0	21.5	0.1	>100	6.0	18.9	5.0	>100	18.9	4.4	21.7
LF1GV-02	0	0.0	20.2	1.6	>100	7.4	17.9	6.4	>100	25.4	2.6	26.3
LF1GV-03	0	0.0	21.0	0.4	74	3.8	19.8	3.0	>100	24.9	6.2	23.8
LF1GV-04	0	0.0	21.2	0.3	0	0.0	22.0	0.1	>100	17.0	12.9	14.7
LF1GV-05	0	0.0	21.2	0.6	>100	24.9	8.5	21.6	>100	26.7	6.6	25.2
LF1GV-06	0	0.0	21.4	0.2	>100	25.5	2.3	26.0	>100	20.7	3.1	23.9
LF1GV-07	0	0.0	21.9	0.0	>100	9.5	17.4	7.3	>100	20.4	10.7	18.5
LF1GV-08	0	0.0	21.8	0.0	>100	22.4	11.8	12.4	>100	13.2	14.4	8.4
LF1GV-09	0	0.0	21.8	0.0	>100	28.4	9.1	18.0	>100	12.3	13.4	10.2
LF1GV-10	0	0.0	21.6	0.1	>100	17.8	11.9	16.9	>100	33.3	2.5	31.5
LF1GV-11	0	0.0	22.0	0.0	>100	7.3	18.3	5.4	>100	18.5	9.2	16.2
LF1GV-12	0	0.0	22.0	0.0	>100	32.6	8.5	23.7	>100	15.0	9.7	15.8
LF1GV-13	19	0.9	17.0	4.1	>100	18.6	11.4	14.7	>100	21.0	8.2	18.5
LF1GV-14	6	0.3	21.1	0.7	>100	9.8	16.4	6.8	62	3.0	18.8	3.0
LF1GV-15	0	0.0	21.8	0.1	>100	8.3	17.3	4.7	25	1.2	19.5	1.5
LF1GV-16	0	0.0	21.9	0.0	>100	8.5	15.7	5.7	0	0.0	21.1	0.0
LF1GV-17	10	0.5	20.2	1.4	>100	23.2	10.9	14.9	0	0.0	21.2	0.0
LF1GV-18	0	0.0	21.6	0.1	>100	6.4	18.5	4.1	0	0.0	21.0	0.1
LF1GV-19	0	0.0	20.0	1.8	>100	7.7	17.8	4.4	0	0.0	21.2	0.0
LF1GV-20	0	0.0	21.4	0.1	>100	6.0	18.3	2.8	0	0.0	21.2	0.0
LF1GV-21	0	0.0	21.3	0.1	>100	10.3	18.5	2.7	0	0.1	21.1	0.0
LF1GV-22	0	0.0	21.3	0.3	>100	17.2	11.6	13.2	0	0.0	21.2	0.0
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	0	0.0	21.1	0.0	>100	5.8	6.1	7.6	>100	14.7	1.6	22.7
LF1GV-25	0	0.0	21.5	0.0	2	0.1	22.0	0.1	6	0.3	20.9	0.3
LF1GV-26	0	0.0	21.6	0.0	0	0.0	21.9	0.0	0	0.0	21.1	0.0
LF1GV-27	0	0.0	21.3	0.3	>100	12.2	12.3	8.8	0	0.0	21.1	0.0
LF1GV-28	0	0.0	21.6	0.0	0	0.0	21.9	0.0	0	0.0	21.1	0.0
LF1GV-29	0	0.0	21.6	0.0	0	0.0	22.0	0.0	0	0.0	21.1	0.0
LF1GV-30	0	0.0	21.5	0.5	2	0.2	21.9	0.0	0	0.0	21.2	0.0
LF1GV-31	0	0.0	20.1	1.3	0	0.0	20.5	0.2	4	0.2	20.5	0.6

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	29-Apr-13				21-Oct-13				7-May-14			
	Barometric Pressure (in.) = 29.59-29.63				Barometric Pressure (in.) = 29.35-29.41				Barometric Pressure (in.) = 29.51-29.62			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	0	0.0	20.8	0.1	>100	23.5	4.9	16.7	0	0.0	20.8	0.0
LF1GMP-02	0	0.0	20.9	0.1	61	3.0	16.9	3.0	0	0.0	20.8	0.0
LF1GMP-03	0	0.0	20.9	0.0	>100	21.9	8.2	15.8	55	2.7	8.6	6.0
LF1GMP-04	0	0.0	20.8	0.2	>100	21.8	0.2	25.6	0	0.0	20.8	0.0
LF1GMP-06	>100	25.0	9.2	3.1	>100	7.8	11.4	2.4	3	0.1	20.5	0.1
LF1GMP-08	0	0.0	18.8	1.6	28	1.3	0.9	13.2	0	0.0	20.5	0.1
LF1GMP-09	3	0.1	20.7	0.2	>100	44.2	0.4	18.5	43	2.1	17.8	0.7
LF1GMP-10	25	1.2	18.8	0.5	>100	13.9	2.1	11.7	29	1.4	16.8	0.3
LF1GMP-11	0	0.0	18.6	1.9	0	0.0	18.5	1.8	0	0.0	20.3	0.4
LF1GMP-12	0	0.0	19.7	1.2	0	0.0	19.7	1.2	0	0.0	19.6	1.5
LF1GMP-13	0	0.0	19.9	0.8	0	0.0	20.0	1.3	0	0.0	19.5	0.7
LF1GMP-14	0	0.0	20.9	0.0	0	0.0	13.1	4.5	0	0.0	16.7	1.8
LF1GMP-15	0	0.0	17.5	1.6	0	0.0	18.8	1.1	0	0.0	19.7	0.6
LF1GMP-16	0	0.0	19.8	1.3	0	0.0	19.2	1.2	0	0.0	20.1	1.0
LF1GMP-17	0	0.0	19.7	1.3	0	0.0	20.8	0.7	0	0.0	20.8	0.2
LF1GMP-18	0	0.0	20.8	0.1	0	0.0	19.6	1.9	0	0.0	20.9	0.0
LF1GMP-19	0	0.0	20.9	0.0	0	0.0	20.8	0.4	0	0.0	20.7	0.0
LF1GMP-20	0	0.0	20.8	0.0	0	0.0	20.7	0.0	0	0.0	20.7	0.0
LF1GV-01	0	0.0	20.9	0.0	79	3.9	16.2	6.3	3	0.1	20.0	0.3
LF1GV-02	0	0.0	20.8	0.0	>100	6.4	12.1	10.5	7	0.3	19.0	1.3
LF1GV-03	0	0.0	20.7	0.0	59	3.0	15.4	5.8	7	0.4	17.9	2.5
LF1GV-04	0	0.0	20.7	0.0	>100	6.7	8.8	12.5	14	0.7	15.2	6.4
LF1GV-05	0	0.0	21.1	0.0	>100	6.2	15.2	7.6	5	0.2	19.7	0.4
LF1GV-06	0	0.0	21.1	0.0	>100	6.8	8.2	12.8	9	0.4	10.3	7.2
LF1GV-07	0	0.0	21.1	0.0	68	3.9	17.9	4.2	>100	5.2	11.7	9.2
LF1GV-08	5	0.2	21.1	0.1	>100	7.3	16.0	6.9	46	2.3	17.6	2.9
LF1GV-09	2	0.1	21.1	0.1	79	4.0	15.8	3.7	63	3.1	15.7	4.0
LF1GV-10	0	0.0	20.9	0.0	>100	9.0	9.7	12.4	3	0.1	16.1	2.8
LF1GV-11	0	0.0	20.9	0.0	>100	6.0	16.6	4.0	29	1.4	17.9	1.4
LF1GV-12	0	0.0	21.1	0.0	>100	5.2	9.5	11.1	7	0.3	16.9	2.4
LF1GV-13	1	0.1	21.0	0.0	>100	5.3	16.8	4.6	82	4.1	13.6	5.7
LF1GV-14	0	0.0	21.0	0.0	47	2.4	19.0	2.1	87	4.4	13.9	5.2
LF1GV-15	0	0.0	21.0	0.0	20	1.0	20.4	1.0	5	0.2	18.1	1.3
LF1GV-16	0	0.0	21.2	0.0	65	3.3	9.1	8.6	0	0.0	16.8	1.9
LF1GV-17	0	0.0	21.1	0.0	80	4.2	17.9	3.7	75	4.0	17.1	2.7
LF1GV-18	0	0.0	21.3	0.0	93	4.7	15.5	5.3	>100	8.0	5.7	11.7
LF1GV-19	0	0.0	21.2	0.0	>100	10.5	5.3	14.9	45	2.3	8.3	9.7
LF1GV-20	0	0.0	21.2	0.0	>100	5.3	16.6	3.7	30	1.5	17.5	1.3
LF1GV-21	2	0.1	21.1	0.0	>100	9.7	15.3	4.9	>100	6.0	14.8	3.6
LF1GV-22	0	0.0	21.1	0.0	>100	6.2	15.1	6.9	>100	7.9	9.3	9.1
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	0	0.0	19.3	0.9	0	0.0	17.2	2.0	0	0.0	19.1	1.2
LF1GV-25	0	0.0	20.9	0.1	3	0.2	20.9	0.4	0	0.0	20.8	0.0
LF1GV-26	0	0.0	21.1	0.0	9	0.5	20.4	0.4	0	0.0	20.8	0.0
LF1GV-27	0	0.0	20.4	0.4	0	0.0	20.5	1.1	0	0.0	20.9	0.0
LF1GV-28	0	0.0	21.2	0.0	0	0.0	21.4	0.1	0	0.0	20.9	0.0
LF1GV-29	0	0.0	21.1	0.0	0	0.0	17.9	1.8	0	0.0	20.8	0.2
LF1GV-30	0	0.0	21.1	0.0	0	0.0	21.3	0.1	0	0.0	20.3	0.5
LF1GV-31	0	0.0	19.9	0.6	0	0.0	20.5	0.5	0	0.0	20.6	0.4

Table 2-1
Landfill 1 AOC Gas Monitoring Results

Sample Location	18-Nov-14											
	Barometric Pressure (in.) =			29.49-29.51	Barometric Pressure (in.) =				Barometric Pressure (in.) =			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF1GMP-01	>100	23.0	4.1	17.2								
LF1GMP-02	0	0.0	14.8	2.4								
LF1GMP-03	>100	25.6	0.0	16.1								
LF1GMP-04	>100	36.1	1.4	14.8								
LF1GMP-06	0	0.0	19.7	0.6								
LF1GMP-08	0	0.0	20.1	0.1								
LF1GMP-09	>100	8.1	12.3	5.8								
LF1GMP-10	>100	10.3	0.9	14.4								
LF1GMP-11	0	0.0	20.9	0.6								
LF1GMP-12	0	0.0	20.9	0.2								
LF1GMP-13	0	0.0	20.7	1.3								
LF1GMP-14	0	0.0	18.8	0.7								
LF1GMP-15	0	0.0	19.1	0.0								
LF1GMP-16	0	0.0	19.4	0.1								
LF1GMP-17	0	0.0	18.7	0.5								
LF1GMP-18	0	0.0	18.0	1.1								
LF1GMP-19	0	0.0	20.1	0.0								
LF1GMP-20	0	0.0	19.9	1.2								
LF1GV-01	>100	8.2	13.4	7.2								
LF1GV-02	>100	6.2	16.8	5.0								
LF1GV-03	14	0.7	20.1	0.6								
LF1GV-04	0	0.0	20.3	0.0								
LF1GV-05	0	0.0	19.9	0.1								
LF1GV-06	0	0.0	21.2	0.0								
LF1GV-07	0	0.0	21.1	0.0								
LF1GV-08	22	1.5	14.8	5.3								
LF1GV-09	0	0.0	19.9	0.0								
LF1GV-10	0	0.0	19.7	0.1								
LF1GV-11	0	0.0	19.8	0.1								
LF1GV-12	0	0.0	20.1	0.0								
LF1GV-13	51	2.6	2.4	13.8								
LF1GV-14	0	0.0	20.1	0.0								
LF1GV-15	0	0.0	18.8	0.5								
LF1GV-16	0	0.0	19.1	0.0								
LF1GV-17	0	0.0	20.3	0.0								
LF1GV-18	0	0.0	18.9	0.7								
LF1GV-19	0	0.0	19.5	0.0								
LF1GV-20	0	0.0	19.4	0.0								
LF1GV-21	0	0.0	19.5	0.0								
LF1GV-22	0	0.0	20.2	0.0								
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
LF1GV-24	0	0.0	20.1	0.0								
LF1GV-25	0	0.0	20.0	0.9								
LF1GV-26	0	0.0	20.0	0.0								
LF1GV-27	0	0.0	18.7	0.8								
LF1GV-28	0	0.0	18.8	1.5								
LF1GV-29	0	0.0	21.0	0.0								
LF1GV-30	0	0.0	19.5	1.0								
LF1GV-31	0	0.0	20.0	0.0								

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-5												
Date of Collection			12/8/2003	3/30/2004	6/28/2004	9/16/2004	12/14/2004	4/5/2005	6/22/2005	9/9/2005	12/21/2005	3/17/2006	6/19/2006	9/15/2006	12/18/2006
Sample ID No.			LF1M0526AA	LF1M0526BA	LF1M0526CA	LF1M0526DA	LF1M0526EA	LF1M0526FA	LF1M0526GA	LF1M0526HA	LF1M0526IA	LF1M0526JA	LF1M0526KA	LF1M0526LA	LF1M0526MA
Depth to Water (ft)			3.07	2.67	3.29	3.11	2.96	3.17	4.28	4.98	3.61	3.20	3.65	2.28	3.05
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	5*	1	0.24 F	0.22 F	0.31 F	0.3 F	0.25 F	0.24 F	0.28 F	0.33 F	U	U	U	0.24 F	0.170 F
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5*	1	**20**	**20**	**23**	**31**	**8.7**	1.1	1.3	U	0.35 F	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	U	U	UJ
1,3,5-trimethylbenzene	5*	1	**7.6**	**7.4**	**6.2**	**6.3**	1.2	0.3 F	U	0.49 F	U	U	U	U	U
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	1.7	1.5	1.6	1.6	U	0.86	0.82	0.87	0.79	0.76	0.53	0.65 F	0.59
acetone	50	10	1.3 F	U	U	U	U	U	U	U	U	U	1.5 F	U	U
benzene	1	0.1	**1.5**	**2.2**	**3.6**	**3.7**	**2.3**	**1.6**	**3.0**	**3.5**	**2.2**	**1.9**	**2.0**	**2.3**	**1.13**
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chlorobenzene	5*	0.5	2.2	2.8	3.6	3.6	2.3	1.4	2.3	2.7	1.8	1.7	1.8	2.02	1.12
chloroethane	5*	1	U	0.2 F	0.27 F	0.25 F	0.33 F	0.25 F	0.32 F	U	U	U	0.2 F	U	0.120 F
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	0.23 F	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	0.24 F	0.26 F	U	0.38 F	0.3 F	0.25 F	U	U	U	U		U	U
dichlorodifluoromethane	5*	1	U	0.44 F	0.4 F	0.37 F	0.34 F	U	0.36 F	U	U	U	U	U	U
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5*	1	0.39 F	U	0.51 F	0.51 F	U	U	0.28 F	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methyl iodide	5*	0.5	U	U	U	U	U	U	0.22 F	U	U	U	U	U	U
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	**8.8**	3.2	**19**	**18**	1.6 F	0.42 F	1.6 F	U	U	U	U	U	U
naphthalene	10	1	0.29 F	0.29 F	0.41 F	0.35 F	U	U	U	U	U	U	U	U	U
o-xylene	5*	1	U	U	0.27 F	U	U	U	U	U	U	U	U	U	U
p-isopropyltoluene	5*	1	U	U	0.36 F	0.39 F	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5*	1	0.61 F	U	0.59 F	U	0.29 F	U	0.32 F	0.36 F	U	U	U	U	U
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-butylbenzene	5*	1	U	U	0.24 F	0.25 F	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	0.180 F
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	0.24 F	0.25 F	0.3 F	0.37 F	0.33 F	U	0.39 F	0.7 F	0.32 F	0.34 F	U	0.25 F	0.160 F
Total VOCs (µg/L)			**45.11**	**38.76**	**60.66**	**67.37**	**17.94**	**6.42**	**11.73**	**9.36**	**5.46**	**4.7**	**6.03**	**5.72**	**3.28**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	450	423	380	416	380	373	354	324	352	377	420	96	360
ammonia	2	0.2	**2.6**	1.9	1.9	2	1.1	1.9	1.6	1.8	1.8	1.8 B	1.3	**2.5**	**2.3**
BOD5	--	2.4	4.5	5.1	5.8	3.7	U	6.5	3.6	U	U	3.2	14.5	5.5	4.2
bromide	2	0.5	U	0.27 F	0.2 F	0.19 F	U	U	U	U	0.26 F	0.48 F	0.1 F	0.11 F	0.11
COD	--	5	U	12.4	U	U	U	U	3.6 F	19.7	U	U	31.1 B	18	20 B
chloride	250	1	15.9	13.8	13.6	11.5	9.1	9.4	8.3	4.4	10	10.2	9.7	9.2	9.4
color	15	5	**150**	NA	NA	NA	NA	**100**	NA	NA	NA	**60**	NA	NA	NA
cyanide, Total	200	0.02	0.048 J	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	1,290	384	396	390	324	330	312	420	350	285	188	390	340
nitrate	10	1	U	U	U	U	U	U	U	U	U	U	0.03 F	0.024 F	0.032 F
TKN	1	1	**2.7**	**2.6**	**2.5**	**2.6**	**2.3**	**1.9**	**2.3**	**2.7**	**3.5**	**2.9**	U	**2.6**	**2.4**
sulfate	250	1	U	U	U	0.74 F	1.2	U	1.4	1.7	0.75 F	0.46 F	0.77 F	0.6 F	0.54 F
TDS	500	10	485	428	453	450	395	398	339	349	370	396	392	430	390
TOC	--	1	3.5	3.6	2	3.1	3.5	2.7	2.7	2.8	2	2.2	2.7	2.4	2.8

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-5										
Date of Collection			4/4/2007	9/27/2007	4/2/2008	9/18/2008	4/17/2009	3/31/2010	6/16/2011	6/25/2012	6/10/2013	6/18/2014	
Sample ID No.			LF1M0526NA	LF1M0526OA	LF1M0526PA	LF1M0526QA	LF1M0526RA	LF1M0526SA	LF1M0526TA	LF1M0526UA	LF1M0526VA	LF1M0526VA	
Depth to Water (ft)			2.75	3.83	2.80	3.94	2.88	2.55	3.00	3.40	3.15	3.11	
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	
1,1-dichloroethane	5*	1	0.140 F	0.180 F	U	0.230 F	0.150 F	0.150 F	0.19 F	0.19 J	0.17 J	0.16 J	
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	
1,4-dichlorobenzene	3	0.5	0.480 F	0.550	0.470 F	0.590	0.420 F	0.450 F	0.44 F	0.44 J	0.39 J	0.28 J	
acetone	50	10	U	U	U	U	U	1.32 F	U	U	7.0 J	U	
benzene	1	0.1	0.740 F	**2.03**	0.690	**2.23**	0.880	0.360 F	**1.5**	**1.8**	**1.4**	**1.2**	
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	
chlorobenzene	5*	0.5	0.980 F	1.98	0.750	1.77	0.930	0.480 F	1.2	1.2	0.96 J	0.90 J	
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	
cis-1,2-dichloroethene	5*	1	U	0.250 F	U	0.300 F	0.170 F	0.140 F	0.25 F	0.30 J	0.23 J	0.21 J	
dichlorodifluoromethane	5*	1	U	0.300 F	U	U	U	U	U	U	U	U	
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	
naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
trichloroethene (TCE)	5*	1	U	U	0.130 F	0.120 F	0.140 F	0.120 F	U	U	U	0.17 J	
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	
vinyl chloride	2	1	0.110 F	0.660 F	U	U	U	U	U	U	0.25 J	U	
Total VOCs (µg/L)			**2.61**	**5.95**	**2.04**	**5.24**	**2.69**	**3.02**	**3.58**	**3.93**	**9.47**	**2.92**	
Leachate Indicators (mg/L)													
alkalinity, Total	--	10	370	360	360	350	350	360 B	400	400	400	390	
ammonia	2	0.2	**2.4**	**2.4**	**2.30**	1.8	**2.1**	1.9	1.4	0.76	**2.1**	1.9	
BOD5	--	2.4	5.0	5.9	4.4	4.4	4.4	4.1	3.4 F	U	3.8	3.4 B	
bromide	2	0.5	U	0.076 F	0.096 F	0.077 F	0.081 F	0.12	0.17 F	0.18 J	U	0.16 J	
COD	--	5	19 B	13	11	8.2 F	10	U	7.3 F	9.3 J	14 J	U	
chloride	250	1	8.6	6.5	8.0	5.5	5.8	12 B	14	11	10	9.5	
color	15	5	NA	NA	U	NA	U	U	**35**	U	U	15 B	
cyanide, Total	200	0.02	NA	NA	NA	NA	NA	NA	NA	U	U	U	
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	0.13 J	0.12 J	U	0.11 J	
hardness, Total	--	1	380	290	320	330	18	350 B	360	350	360	380	
nitrate	10	1	U	0.035 F	0.041 F	0.041 F	U	0.061 BF	U	U	U	U	
TKN	1	1	**2.3**	**2.2**	**2.2**	**2.4**	**2.2**	**2.5**	**2.0**	**2.0**	**1.6**	1.0	
sulfate	250	1	0.65 F	1.0	1.0	0.71 F	0.78 F	U	U	U	0.38 J	0.33 J	
TDS	500	10	410	400	380	380	370	370	410	410	420	430	
TOC	--	1	2.4	2.8	3.5	2.4	1.9	2.4	2.4	2.2	2.3	U	

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-6												
Date of Collection			12/5/2003	3/30/2004	6/28/2004	9/16/2004	12/15/2004	4/1/2005	6/22/2005	9/9/2005	12/21/2005	3/20/2006	6/19/2006	9/14/2006	12/18/2006
Sample ID No.			LF1M0620AA	LF1M0620BA	LF1M0620CA	LF1M0620DA	LF1M0620EA	LF1M0620FA	LF1M0620GA	LF1M0620HA	LF1M0620IA	LF1M0620JA	LF1M0620KA	LF1M0620LA	LF1M0620MA
Depth to Water (ft)			2.58	2.11	2.88	2.66	2.64	2.50	3.13	3.41	2.76	2.74	3.09	2.75	2.59
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	0.33 F	U	U	U	U	U
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	1.6	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	U	U	UJ
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	1.1	U	U	U	0.14 F	U
acetone	50	10	U	1.4 F	3.3 F	U	U	U	U	U	U	U	1.2 F	1.27 F	U
benzene	1	0.1	U	U	U	U	U	U	U	**3.3**	U	U	U	0.12 F	U
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
bromoform	50	1	U	0.32 F	U	U	0.33 F	U	U	U	U	U	U	0.31 F	0.250 F
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chlorobenzene	5*	0.5	U	U	U	U	U	U	U	3.4	U	U	U	U	U
chloroethane	5*	1	U	U	U	U	U	U	U	0.38 F	U	U	U	U	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	0.61 F	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	0.62 F	U	U	U	U	U
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5*	1	U	U	U	U	U	U	U	0.58 F	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	0.210 F
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	2.1	U	U	U	U	U
naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U	U
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	0.4 F	U	U	U	U	U
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	0.18 F	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	1.2	U	U	U	U	U
Total VOCs (µg/L)			**0**	**1.72**	**3.3**	**0**	**0.33**	**0**	**0**	**16.22**	**0**	**0**	**1.2**	**2.02**	**0.46**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	265 B	247	190	220	230	250	280	492	326	256	292	230	230
ammonia	2	0.2	0.41	0.31	0.39	0.43	0.33	0.4	0.5	**2.1**	0.82	0.54	0.44	0.68	0.52
BOD5	--	2.4	2.8	3.8	4.7	U	3.8	2.5	4.8	7.8	U	U	U	7.8	3.4
bromide	2	0.5	U	U	U	0.19 F	U	U	0.20 F	U	0.56	0.59	0.07 F	0.14 F	0.13
COD	--	5	U	U	U	U	U	U	U	22.6	10.6	11.7	U	11	20 B
chloride	250	1	24 B	23.5	27.5	26.4	23.2	23.2	22.1	15.1	21	19.3	21	22	23
color	15	5	0	NA	NA	NA	NA	12	NA	NA	NA	13	NA	NA	NA
cyanide, Total	200	0.02	0.066 B	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	272 B	228	180	420	272	224	264	640	330	250	188	140 B	220
nitrate	10	1	U	U	U	U	U	U	U	0.04 F	0.11 F	U	U	0.012 F	U
TKN	1	1	0.46	0.51	0.51	0.54 B	0.43	0.49	0.72	**5.6**	**2.2**	0.71	2.2	0.64	0.59
sulfate	250	1	U	U	U	U	U	U	U	U	U	U	U	U	U
TDS	500	10	296 B	287	252	249	286	278	322	**536**	349	299	286	280	270
TOC	--	1	U	0.76 F	U	U	U	0.68 F	0.75 F	3.2	0.62 F	1.1	0.54 F	0.71 F	0.70 F

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-6										
Date of Collection			4/4/2007	9/27/2008	4/2/2008	9/18/2008	4/20/2009	3/31/2010	6/15/2011	6/25/2012	6/10/2013	6/19/2014	
Sample ID No.			LF1M0620NA	LF1M0620OA	LF1M0620PA	LF1M0620QA	LF1M0620RA	LF1M0620SA	LF1M0620TA	LF1M0620UA	LF1M0620VA	LF1M0620VA	
Depth to Water (ft)			2.23	3.24	2.25	2.91	2.20	NS	1.58	2.3	2.95	3.25	
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
1,1-dichloroethane	5*	1	U	0.150 F	U	U	U	NS	U	U	NA	NA	
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	NS	U	U	NA	NA	
1,2,4-trimethylbenzene	5*	1	U	1.08	U	0.200 F	U	NS	U	U	NA	NA	
1,2-dichloroethane	0.6	1	U	U	U	U	U	NS	U	U	NA	NA	
1,2-dichlorobenzene	3	1	U	U	U	U	U	NS	U	U	NA	NA	
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	NS	U	U	NA	NA	
1,3,5-trimethylbenzene	5*	1	U	0.140 F	U	U	U	NS	U	U	NA	NA	
1,3-dichlorobenzene	3	1	U	U	U	U	U	NS	U	U	NA	NA	
1,4-dichlorobenzene	3	0.5	U	0.400 F	U	U	U	NS	U	U	NA	NA	
acetone	50	10	U	U	U	U	U	NS	U	U	NA	NA	
benzene	1	0.1	U	1.65	U	0.410 F	U	NS	U	0.27 J	NA	NA	
bromodichloromethane	50	0.5	U	U	U	U	U	NS	U	U	NA	NA	
bromoform	50	1	U	U	U	U	U	NS	U	0.27 J	NA	NA	
carbon disulfide	1,000	0.5	U	U	U	U	U	NS	U	U	NA	NA	
chlorobenzene	5*	0.5	U	0.93	U	U	U	NS	U	U	NA	NA	
chloroethane	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
chloroform	7	0.3	U	U	U	U	U	NS	U	U	NA	NA	
chloromethane	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
cis-1,2-dichloroethene	5*	1	U	0.180 F	U	U	U	NS	U	U	NA	NA	
dichlorodifluoromethane	5*	1	U	0.270 F	U	U	U	NS	U	U	NA	NA	
ethylbenzene	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
isopropylbenzene	5*	1	U	0.160 F	U	U	U	NS	U	U	NA	NA	
methylene chloride	5*	1	U	0.230 F	U	U	U	NS	U	U	NA	NA	
methyl iodide	5*	0.5	U	U	U	U	U	NS	U	U	NA	NA	
n-propylbenzene	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
m,p-xylene	5*	2	U	0.730 F	U	0.160 F	U	NS	U	U	NA	NA	
naphthalene	10	1	U	U	U	U	U	NS	U	U	NA	NA	
o-xylene	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
p-isopropyltoluene	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
sec-butylbenzene	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
tetrachloroethene	5	1	U	U	U	U	U	NS	U	U	NA	NA	
tert-butylbenzene	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
trichloroethene (TCE)	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
toluene	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
trichlorofluoromethane	5*	1	U	U	U	U	U	NS	U	U	NA	NA	
vinyl chloride	2	1	U	U	U	U	U	NS	U	U	NA	NA	
Total VOCs (µg/L)			**0**	**4.92**	**0**	**0.77**	**0**	**NS**	**0**	**0.54**	**NA**	**NA**	
Leachate Indicators (mg/L)													
alkalinity, Total	--	10	230	440	280	280	240	NS	390	360	330	260	
ammonia	2	0.2	0.50	**2.4**	0.72	1.10	0.54	NS	1.6 F	0.44	1.0	0.80	
BOD5	--	2.4	4.2	6.7	U	10	3.3	NS	1.8 F	2.6	1.9 J	U	
bromide	2	0.5	0.11	0.16	0.13	0.14	0.14	NS	0.17 F	0.21 J	U	0.17 JB	
COD	--	5	10 B	8.5 F	6.3 F	U	6.0 F	NS	U	8.0 J	15 J	U	
chloride	250	1	22	16	21	19	20	NS	16	U	17	17	
color	15	5	NA	NA	U	NA	U	NS	**30**	**25**	U	U	
cyanide, Total	200	0.02	NA	NA	NA	NA	NA	NS	NA	U	U	U	
Fluoride	1.5	1	NA	NA	NA	NA	NA	NS	U	U	U	0.12 J	
hardness, Total	--	1	230	389	250	280	220	NS	330	290	290	240	
nitrate	10	1	U	0.016 F	0.021 F	0.016 F	U	NS	U	0.052 J	U	U	
TKN	1	1	0.54	**2.2**	0.67	**1.1**	0.57	NS	**1.2**	**1.5**	1.0	0.42 J	
sulfate	250	1	U	U	U	U	U	NS	U	U	0.37 J	U	
TDS	500	10	280	490	310	330	280	NS	410	380	340	240	
TOC	--	1	0.47 F	2.0	0.50 F	0.73 F	U	NS	1.2	1.1	0.90 J	0.85 JB	

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-10												
Date of Collection			12/9/2003	3/30/2004	6/28/2004	9/17/2004	12/15/2004	4/4/2005	6/23/2005	9/8/2005	12/22/2005	3/16/2006	9/14/2006	4/3/2007	9/26/2007
Sample ID No.			LF1M1029AA	LF1M1030BA	LF1M1029CA	LF1M1030DA	LF1M1030EA	LF1M1030FA	LF1M1030GA	LF1M1030HA	LF1M1030IA	LF1M1030JA	LF1M1030LA	LF1M1030NA	LF1M1030OA
Depth to Water (ft)			25.67	25.03	25.57	26.12	25.92	25.46	26.24	27.65	26.81	25.27	26.60	24.60	27.10
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	3.9	2	1.2	1.7	1.2	0.98	0.69	1.2	1	0.64	0.52 F	0.240 F	0.400 F♦
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chlorobenzene	5*	0.5	0.7	0.25 F	U	U	U	U	U	U	U	U	U	U	U
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	0.130 F	U
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U	U
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	0.21 F	0.120 F	0.260 F♦
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	0.1 F	U	0.130 F
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	0.230 F
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**4.6**	**2.25**	**1.2**	**1.7**	**1.2**	**0.98**	**0.69**	**1.2**	**1**	**0.64**	**0.83**	**0.49**	**1.02**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	170	174	174	191	193	184	204	215	233	190	230	200	230
ammonia	2	0.2	1.1	0.39	0.25	0.19	0.15	0.13	0.2	0.17	0.16	0.041 F	0.048 F	0.038 F	0.071
BOD5	--	2.4	U	2.3	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
COD	--	5	U	17.4	U	U	U	U	4.3 F	5.3 F	18.8 B	U	5 F	10 B	8.5 F
chloride	250	1	2.0	0.39 F	1.7	1.7	1.4	1.4	1.4 B	1.2	1.2	0.68 F	1.1	0.80 F	0.85 F♦
color	15	5	25	NA	NA	NA	NA	7.5	U	NA	NA	U	NA	NA	NA
cyanide, Total	200	0.02	U	NA	NA	NA	NA	U	U	NA	NA	0.0062 F	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	210	188	196	200	208	182	216	230	270 B	147	240	530	200 J♦
nitrate	10	1	U	0.88 F	0.23 F	0.13 F	0.07 F	0.14 F	0.26 F	0.04 F	0.26 F	0.26 F	0.17 F	0.32	0.18
TKN	1	1	0.96	0.66	0.46	0.38	U	U	0.5 B	0.76	0.61	U	U	U	0.13 F♦
sulfate	250	1	14.7	9.2	9.1	7.4	8.5	14.3	15 B	14.2	10	6.9	13	11	9.2♦
TDS	500	10	225	186	199	196	224	221	226	234	245	230	270	210	250
TOC	--	1	1.1	3.1	U	0.6 F	U	0.78 F	0.78 F	1 B	U	0.51 F	0.73 F	0.65 F	0.90 F

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-10									
Date of Collection			4/1/2008	9/17/2008	4/21/2009	3/30/2010	6/15/2011	6/26/2012	6/11/2013	6/16/2014		
Sample ID No.			LF1M1030PA	LF1M1030QA	LF1M1030RA	LF1M1030SA	LF1M1030TA	LF1M1030UA	LF1M1030VA	LF1M1030VA		
Depth to Water (ft)			24.52	26.55	24.44	25.90	NS	25.9	25.53	24.93		
VOCs (µg/L)												
1,1,1-trichloroethane	5*	1	U	U	U	U	NS	U	U	U		
1,1-dichloroethane	5*	1	U	U	U	U	NS	U	U	U		
1,2,3-trichlorobenzene	5	1	U	U	U	U	NS	U	U	U		
1,2,4-trimethylbenzene	5*	1	U	U	U	U	NS	U	U	U		
1,2-dichloroethane	0.6	1	U	U	U	U	NS	U	U	U		
1,2-dichlorobenzene	3	1	U	U	U	U	NS	U	U	U		
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	NS	U	U	U		
1,3,5-trimethylbenzene	5*	1	U	U	U	U	NS	U	U	U		
1,3-dichlorobenzene	3	1	U	U	U	U	NS	U	U	U		
1,4-dichlorobenzene	3	0.5	0.340 F	U	U	0.180 F	NS	U	U	U		
acetone	50	10	U	U	U	1.33 F	NS	U	3.4 J	U		
benzene	1	0.1	U	U	U	U	NS	U	U	U		
bromodichloromethane	50	0.5	U	U	U	U	NS	U	U	U		
bromoform	50	1	U	U	U	U	NS	U	U	U		
carbon disulfide	1,000	0.5	U	U	U	U	NS	U	U	U		
chlorobenzene	5*	0.5	U	U	U	U	NS	U	U	U		
chloroethane	5*	1	U	U	U	U	NS	U	U	U		
chloroform	7	0.3	U	U	U	U	NS	U	U	U		
chloromethane	5*	1	U	U	U	U	NS	U	U	U		
cis-1,2-dichloroethene	5*	1	U	U	U	U	NS	U	U	U		
dichlorodifluoromethane	5*	1	U	U	U	U	NS	U	U	U		
ethylbenzene	5*	1	U	U	U	U	NS	U	U	U		
isopropylbenzene	5*	1	U	U	U	U	NS	U	U	U		
methylene chloride	5*	1	U	U	U	U	NS	U	U	U		
methyl iodide	5*	0.5	U	U	U	U	NS	U	U	U		
n-propylbenzene	5*	1	U	U	U	U	NS	U	U	U		
m,p-xylene	5*	2	U	U	U	U	NS	U	U	U		
naphthalene	10	1	U	U	U	U	NS	U	U	U		
o-xylene	5*	1	U	U	U	U	NS	U	U	U		
p-isopropyltoluene	5*	1	U	U	U	U	NS	U	U	U		
sec-butylbenzene	5*	1	U	U	U	U	NS	U	U	U		
tetrachloroethene	5	1	0.170 F	0.200 F♦	0.180 F	0.280 F	NS	U	0.21 J ♦	U		
tert-butylbenzene	5*	1	U	U	U	U	NS	U	U	U		
trichloroethene (TCE)	5*	1	U	U	U	0.120 F	NS	U	U	U		
toluene	5*	1	U	U	U	U	NS	U	U	U		
trichlorofluoromethane	5*	1	U	U	U	U	NS	U	U	U		
vinyl chloride	2	1	U	U	U	U	NS	U	U	U		
Total VOCs (µg/L)			**0.51**	**0.200**	**0.180**	**1.91**	NS	**0**	**0.21**	**0**		
Leachate Indicators (mg/L)												
alkalinity, Total	--	10	200	250	200	230	NS	230	210	210		
ammonia	2	0.2	0.026 F	0.050 B♦	U	U	NS	0.11 JB	0.11	U		
BOD5	--	2.4	U	U	U	U	NS	U	U	U		
bromide	2	0.5	U	U	U	U	NS	U	U	U		
COD	--	5	8.5 F	U	6.0 F	U	NS	0.78 J ♦	13 J	U		
chloride	250	1	0.79 F	0.79 F	0.53 F	0.39 F	NS	1.9 J	2.0 J	0.92 J		
color	15	5	U	NA	U	U	NS	U	U	5		
cyanide, Total	200	0.02	NA	NA	NA	NA	NS	U	U	U		
Fluoride	1.5	1	NA	NA	NA	NA	NS	0.075 J	0.070 J ♦	0.11 J		
hardness, Total	--	1	220	280	220	250	NS	220	240 ♦	240		
nitrate	10	1	0.36	0.098 F	0.62	0.21	NS	0.59 ♦	0.39 J ♦	0.42 J		
TKN	1	1	0.13 F	0.25 B	U	0.24 B	NS	0.70 J	0.59 J	U		
sulfate	250	1	22	12	15	17	NS	6.0	6.2 J	6.2		
TDS	500	10	230	270	250	250	NS	240	230	230		
TOC	--	1	0.71 F	0.97 F	0.54 F	0.77 F	NS	0.78 J ♦	0.63 J ♦	0.68 JB		

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-11												
Date of Collection			12/5/2003	3/29/2004	6/25/2004	9/16/2004	12/15/2004	4/1/2005	6/22/2005	9/8/2005	12/23/2005	3/16/2006	6/19/2006	9/15/2006	12/18/2006
Sample ID No.			LF1M1111AA	LF1M1111BA	LF1M1111CA	LF1M1111DA	LF1M1111EA	LF1M1111FA	LF1M1111GA	LF1M1111HA	LF1M1111IA	LF1M1111JA	LF1M1111KA	LF1M1111LA	LF1M1111MA
Depth to Water (ft)			2.99	2.57	3.31	3.10	3.13	2.89	3.64	3.98	3.35	3.01	4.90	3.65	3.21
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	5*	1	1.6	0.93 F	1.2	1.3	1.2	0.29 F	1.1	0.8 F	1.1	1.2	0.86 F	0.93 F	1.05
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	0.22 F	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5*	1	U	0.27 F	0.58 F	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	0.13 F	0.120 F
1,2-dichlorobenzene	3	1	**13**	**11**	**10**	**12**	**9**	2.3	**8.9**	**11**	**8.1**	**8.2**	**8.8**	**9.72**	**8.37**
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	U	U	UJ
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	3	1	1.5	1	1.4	1.4	1	0.3 F	1.2	1.6	1.1	0.94 F	0.99 F	0.99 F	0.860 F
1,4-dichlorobenzene	3	0.5	**16**	**13**	**13**	**14**	**11**	2.9	**11**	**14**	**10**	**10**	**11**	**11.7**	**10.0**
acetone	50	10	U	U	3.6 F	U	U	1.8 F	2 F	U	U	U	2.3 F	3.89 F	2.30 F
benzene	1	0.1	**4.9**	**3.4**	**3.6**	**3.7**	**3.3**	0.62	**3**	**2.6**	**2.7**	**2.9**	**2.4**	**2.43**	**2.53**
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chlorobenzene	5*	0.5	**17**	**14**	**14**	**14**	**12**	2.3	**11**	**13**	**10**	**10**	**11**	**10.4**	**9.70**
chloroethane	5*	1	1.2	0.66 F	0.78 F	0.91 F	1	U	1.2	0.73 F	0.68 F	0.93 F	0.94 F	0.95 F	0.840 F
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	0.2 F	U	U
cis-1,2-dichloroethene	5*	1	0.48 F	0.32 F	U	0.46 F	0.45 F	U	0.37 F	U	U	U	U	0.26 F	0.340 F
dichlorodifluoromethane	5*	1	2.7	2.4	2.3	2.6	2.4	0.36 F	2.3	U	2	2.8	1.5	1.62	1.27
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5*	1	2.1	1.7	1.8	1.7	1.3	U	0.65 F	0.5 F	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	U	0.18 F	0.190 F
methyl iodide	5*	0.5	U	U	U	U	U	U	0.21 F	U	U	U	U	U	U
n-propylbenzene	5*	1	1.8	0.88 F	0.67 F	0.41 F	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
naphthalene	10	1	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5*	1	0.88 F	0.58 F	0.89 F	0.84 F	0.63	U	0.5 F	0.59 F	U	U	U	U	U
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-butylbenzene	5*	1	0.28 F	U	0.34 F	0.36 F	0.28	U	0.37 F	U	U	U	0.24 F	0.17 F	0.190 F
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	0.39 F	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	0.24 F	U
trichlorofluoromethane	5*	1	0.14	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	1.9	1.3	1.3	1.6	1.8	0.24 F	1.4	1	1.2	1.5	1	1.18	1.17
Total VOCs (µg/L)			**65.78**	**51.44**	**54.86**	**55.28**	**45.36**	**11.33**	**45.20**	**46.21**	**36.88**	**36.97**	**41.23**	**44.79**	**38.93**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	558 M	540	483	564	553	307	545	460	504	518	611	590	520
ammonia	2	0.2	**3.6 M**	**2.3**	**2.3**	**3.4**	**2.3**	0.85	**2.5**	**2.9**	**3**	**2.2**	1.9	**4.2**	**4**
BOD5	--	2.4	7.4	3.8	2.9	5.6	5.7	5.4	4.7	U	12.3	3 B	6.2	16	14
bromide	2	0.5	U	0.24 F	0.27 F	U	U	U	0.2 F	0.21 F	0.26 F	0.52	0.09 F	0.13 F	0.14
COD	--	5	19.5	34.1	U	18.2	14.8	13.5	11.7	13.3	25.3	17.4	30.1 B	22	24 B
chloride	250	1	13 B	11.3	12.4	12.8	11.4	7.4	12.3	12.6	10.8	8.2	9.6	11	13
color	15	5	**80**	NA	NA	NA	NA	**120**	NA	NA	NA	**120**	NA	NA	NA
cyanide, Total	200	0.02	0.022 M	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Fluoride	1.5	1	NA	NA											
hardness, Total	--	1	564 B	448	496	550	500	240	484	38.4 F	460	528	626	500	500
nitrate	10	1	U	0.03 F	U	U	0.06 F	U	U	0.5 F	U	U	U	0.027 F	0.070 F
TKN	1	1	**4.1**	**3.6**	**3.7**	**3.4**	**3.4**	**1.1**	**3.6**	**5.2**	**5.4**	**3.6**	**3.2**	**3.9**	**4.0**
sulfate	250	1	1.9 B	3.3	4.2	3	2	2.6	2.6	2.2	1.6	3.6	4.2	3.5	2.8
TDS	500	10	**573 B**	**587**	**566**	**576**	**592**	306	594	465	480	**520**	**572**	**590**	**570**
TOC	--	1	6.2	4.9	4.2	5	4.4	5	4.6	4.3 B	3.6	3	4.4	4	4.0

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-11										
Date of Collection			4/3/2007	9/26/2007	4/1/2008	9/17/2008	4/17/2009	3/31/2010	6/15/2011	6/21/2012	6/10/2013	6/19/2014	
Sample ID No.			LF1M1111NA	LF1M1111OA	LF1M1111PA	LF1M1111QA	LF1M1111RA	LF1M1111SA	LF1M1111TA	LF1M1111UA	LF1M1111VA	LF1M1111VA	
Depth to Water (ft)			3.00	4.33	2.67	3.82	3.06	2.56	3.45	4.07	3.23	3.34	
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	
1,1-dichloroethane	5*	1	0.950 F	0.750 F	0.750 F	0.740 F	0.730 F	0.900 F	0.81 F	0.73 J	0.76 J	0.74 J	
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
1,2-dichloroethane	0.6	1	U	0.130 F	U	U	U	U	U	U	0.18 J	U	
1,2-dichlorobenzene	3	1	**6.69**	**9.81**	**5.84**	**6.95**	**5.80**	**6.04**	**5.0**	**5.8**	**4.8**	**4.2**	
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	
1,3,5-trimethylbenzene	5*	1	U	0.100 F	U	U	U	U	U	U	U	U	
1,3-dichlorobenzene	3	1	0.740 F	1.16	0.660 F	0.780 F	0.600 F	0.710 F	0.54 F	0.59 J	0.55 J	0.42 J	
1,4-dichlorobenzene	3	0.5	**7.84**	**11.10**	**7.24**	**8.49**	**7.18**	**7.53**	**6.0**	**6.4**	**5.3**	**4.1**	
acetone	50	10	U	U	U	U	U	1.78 F	U	U	U	U	
benzene	1	0.1	**2.09**	**1.98**	**1.67**	**1.82**	**1.58**	**2.06**	**1.7**	**1.6**	**1.5**	**1.6**	
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	
chlorobenzene	5*	0.5	**8.10**	**9.89**	**6.49**	**8.05**	**7.06**	**7.18**	**6.3**	**6.8**	**5.7**	**5.2**	
chloroethane	5*	1	0.650 F	0.670 F	0.610 F	0.720 F	0.700 F	0.720 F	0.54 F	0.52 J	0.50 J	0.65 J	
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	
cis-1,2-dichloroethene	5*	1	0.280 F	0.260 F	0.230 F	0.260 F	0.180 F	0.260 F	0.25 F	0.20 J	0.26 J	0.24 J	
dichlorodifluoromethane	5*	1	1.06	0.740 F	0.760 F	0.670 F	1.29	0.280 F	U	U	0.57 J	U	
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
methylene chloride	5*	1	0.120 F	U	U	U	U	U	U	U	U	U	
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	
naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	
tert-butylbenzene	5*	1	0.170 F	0.290 F	U	0.210 F	0.120 F	0.170 F	U	U	U	U	
trichloroethene (TCE)	5*	1	U	U	0.180 F	U	U	0.160 F	U	U	U	U	
toluene	5*	1	0.150 F	0.180 F	0.130 F	0.180 F	0.130 F	0.150 F	U	U	U	U	
trichlorofluoromethane	5*	1	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư	Ư	
vinyl chloride	2	1	1.22	0.840 F	0.940 F	0.800 F	0.870 F	0.970 F	0.88 F	U	0.53 J	0.70 J	
Total VOCs (µg/L)			**30.06**	**37.90**	**25.50**	**29.67**	**26.24**	**28.91**	**22.02**	**21.91**	**22.0**	**18.73**	
Leachate Indicators (mg/L)													
alkalinity, Total	--	10	520	460	530	490	510	560 B	540	510	470	490	
ammonia	2	0.2	**4**	**3.9**	**3.6**	**4.1**	**3.5**	**3.3**	**2.6**	1.4	**3.1**	**2.9**	
BOD5	--	2.4	14	6.8	14	12	14	19	7.9	8.3	4.4	7.6	
bromide	2	0.5	0.14	0.10	0.12	0.11	0.15	0.10	0.15 F	0.15 J	U	0.14 JB	
COD	--	5	24 B	15	17	13	17	9.9 F	9.7 F	9.7 J	21	13 J	
chloride	250	1	13	9.2	9.7	7.9	10.0	8.2 B	11.0	8.4	6.3	9.9	
color	15	5	NA	NA	120	NA	U	U	**25**	**25**	U	U	
cyanide, Total	200	0.02	NA	NA	NA	NA	NA	NA	U	U	U	U	
Fluoride	1.5	1	|	|	|				0.18 J	0.22 J	U	0.089 J	
hardness, Total	--	1	500	380	490	540	500	530 B	380	470	450	510	
nitrate	10	1	0.070 F	0.053 F	0.086 F	U	U	U	U	U	U	U	
TKN	1	1	**4.0**	**3.7**	**3.7**	**4.0**	**3.7**	**4.1**	**2.9**	**3 B**	**2.3**	**1.6**	
sulfate	250	1	2.8	2.9	2.1	0.94	0.83 F	0.43 BF	0.39 F	U	0.81 J	0.43 J	
TDS	500	10	**570**	**500**	**530**	340	**540**	**570**	**550**	500	**510**	**520**	
TOC	--	1	4.0	3.5	3.4	3.5	3.0	4.0	2.9	2.8	2.6	2.6 B	

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-12												
Date of Collection			12/8/2003	3/29/2004	6/25/2004	9/16/2004	12/14/2004	4/1/2005	6/22/2005	9/8/2005	12/23/2005	3/16/2006	9/15/2006	4/4/2007	9/26/2007
Sample ID No.			LF1M1212AA	LF1M1212BA	LF1M1212CA	LF1M1212DA	LF1M1212EA	LF1M1212FA	LF1M1212GA	LF1M1212HA	LF1M1212IA	LF1M1212JA	LF1M1212LA	LF1M1212NA	LF1M1212OA
Depth to Water (ft)			3.09	2.72	3.31	3.13	3.14	2.92	4.48	5.39	3.57	3.15	4.35	2.85	5.77
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	0.16 F	U	U
acetone	50	10	2 F	U	2.8 F	1.8 F	U	U	U	U	U	U	1.31 F	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chlorobenzene	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	0.230 F
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	U	0.110 F	U
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U	U
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	0.74 F	0.55 F	0.78 F	0.99 F	0.74 F	0.44 F	0.48 F	0.66 F	0.69 F	0.7 F	0.53 F	0.390 F	0.280 F
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**2.74**	**0.55**	**3.56**	**2.79**	**0.74**	**0.44**	**0.48**	**0.66**	**0.69**	**0.7**	**2**	**0.5**	**0.51**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	97.7	93.2	87.9	114	122	119	125	163	202	169	290	130	170
ammonia	2	0.2	U	U	0.012 F	0.041 F	U	0.05	0.057	0.18	0.11 B	U	0.15	0.054 B	0.43
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	U	2.3
bromide	2	0.5	U	U	U	U	U	U	U	U	0.17 F	U	0.034 F	0.022 F	0.17
COD	--	5	U	U	U	U	U	U	U	7.6 F	14.8	12.2	7.1 F	6.1 F	13
chloride	250	1	9.4	15.8	11.3	9.3	16.2	7	8.4	7.3	10.2	8.4	7	5.7	21
color	15	5	2.5	NA	NA	NA	NA	7.5	NA	NA	NA	**20**	NA	NA	NA
cyanide, Total	200	0.02	0.041 J	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	250	104	120	140	444	136	132	170	210	137	160	150	140
nitrate	10	1	U	0.82 F	0.51 F	0.28 F	U	U	U	U	U	U	U	U	U
TKN	1	1	U	0.12 F	U	U	0.22 B	0.16 F	U	1	**1.9**	U	0.061 F	U	0.42
sulfate	250	1	9.1	7.9	8.1	7.3	6.1	5	3	4.4	7.5	7.3	3.8	4.4 B	2.1
TDS	500	10	142	140	154	145	165	166	183	192	223	205	160	170	220
TOC	--	1	U	U	U	U	0.66 F	0.52 F	0.68 F	3.1 B	0.71 F	0.45 F	0.67 F	U	1.9 B

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-12										
Date of Collection			4/2/2008	9/17/2008	4/17/2009	3/31/2010	6/15/2011	6/26/2012	6/10/2013	6/17/2014			
Sample ID No.			LF1M1212PA	LF1M1212QA	LF1M1212RA	LF1M1212SA	LF1M1212TA	LF1M1212UA	LF1M1212VA	LF1M1212VA			
Depth to Water (ft)			2.79	4.65	3.11	2.78	3.31	4.6	3.21	3.4			
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U			
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U			
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U			
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U			
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U			
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U			
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U			
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U			
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U			
1,4-dichlorobenzene	3	0.5	0.200 F	U	U	U	U	U	U	U			
acetone	50	10	U	U	U	2.47 F	U	U	U	U			
benzene	1	0.1	U	U	U	U	U	U	U	U			
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U			
bromoform	50	1	U	U	U	U	U	U	U	U			
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U			
chlorobenzene	5*	0.5	U	U	U	U	U	U	U	U			
chloroethane	5*	1	U	U	U	U	U	U	U	U			
chloroform	7	0.3	U	U	U	U	U	U	U	U			
chloromethane	5*	1	U	U	U	U	U	U	U	U			
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U			
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U			
ethylbenzene	5*	1	U	U	U	U	U	U	U	U			
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U			
methylene chloride	5*	1	U	U	U	U	U	U	U	U			
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U			
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U			
m,p-xylene	5*	2	U	U	U	U	U	U	U	U			
naphthalene	10	1	U	U	U	U	U	U	U	U			
o-xylene	5*	1	U	U	U	U	U	U	U	U			
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U			
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U			
tetrachloroethene	5	1	U	U	U	U	U	U	U	U			
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U			
trichloroethene (TCE)	5*	1	0.510 F	0.700 F	0.490 F	0.500 F	0.50 F	0.64 J	0.56 J	0.52 J			
toluene	5*	1	U	U	U	U	U	U	U	U			
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U			
vinyl chloride	2	1	U	U	U	U	U	U	U	U			
Total VOCs (µg/L)			**0.71**	**0.70**	**0.49**	**2.97**	**0.50**	**0.64**	**0.56**	**0.52**			
Leachate Indicators (mg/L)													
alkalinity, Total	--	10	200	170	180	120 B	160	160	190	160			
ammonia	2	0.2	0.13	0.11 B	0.032 F	0.027 F	0.19	0.083 JB	0.040 J	0.037 J			
BOD5	--	2.4	U	U	U	U	U	1.4 J	1.5 J	3.1			
bromide	2	0.5	0.035 F	0.040 F	0.027 F	U	U	U	U	U			
COD	--	5	U	U	3.7 F	U	U	10 J	11 J	U			
chloride	250	1	6.3	5.5	5.3	10 B	6.2	5.0	4.5 J	4.4			
color	15	5	U	NA	U	U	U	**25**	U	U			
cyanide, Total	200	0.02	NA	NA	NA	NA	NA	U	U	U			
Fluoride	1.5	1	NA	NA	NA	NA	U	U	0.069 J	0.13 J			
hardness, Total	--	1	200	170	170	140 B	150	150	200	160			
nitrate	10	1	U	U	U	0.026 BF	U	U	0.059 J	U			
TKN	1	1	U	0.27 B	U	0.18 F	0.50 F	0.80 J	0.46 J	U			
sulfate	250	1	4.3	4.3	3.8	5.8 B	2.1 J	1.8 J	3.0 J	1.9 J			
TDS	500	10	210	160	98	160	180	180	190	190			
TOC	--	1	0.47 F	0.53 F	U	1.7	0.74 F	0.66 J	0.56 J	0.89 JB			

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-13												
Date of Collection			12/8/2003	3/29/2004	6/25/2004	9/16/2004	12/14/2004	4/1/2005	6/22/2005	9/8/2005	12/23/2005	3/14/2006	9/15/2006	4/3/2007	9/26/2007
Sample ID No.			LF1M1316AA	LF1M1316BA	LF1M1316CA	LF1M1316DA	LF1M1316EA	LF1M1316FA	LF1M1316GA	LF1M1316HA	LF1M1316IA	LF1M1316JA	LF1M1316LA	LF1M1316NA	LF1M1316OA
Depth to Water (ft)			6.32	4.92	7.28	6.53	5.54	5.14	8.21	9.18	7.13	5.68	7.88	4.92	9.25
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	UM	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	UM	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	UM	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	UM	U	U	U	U	U
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	5*	1	U	U	UM	U	U	U	UM	U	U	U	U	U	U
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	UM	U	U	0.18 F	U	U
acetone	50	10	U	U	4.9 F	1.4 F	U	U	U	U	U	U	1.03 F	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
bromodichloromethane	50	0.5	U	U	U	UM	U	U	U	UM	U	U	U	U	U
bromoform	50	1	U	U	U	U	U	U	U	UM	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	UM	U	U	U	U	U	U
chlorobenzene	5*	0.5	U	U	U	U	U	U	U	UM	U	U	U	U	U
chloroethane	5*	1	U	U	U	U	UM	U	U	U	U	U	U	U	U
chloroform	7	0.3	U	U	U	U	U	U	U	UM	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	U	U	U	UM	U	U	U	U	U	U	U
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	UM	U	U	UM	U	U	0.19 F	0.200 F	U
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	UM	U	U	U	U	U	U
naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U	U
o-xylene	5*	1	U	U	U	U	U	U	UM	U	U	U	U	U	U
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5*	1	U	U	U	U	U	UM	U	U	U	U	U	U	U
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	UM	U	U	U	U	U
vinyl chloride	2	1	**2.5**	**2.5**	1.7	**2.1**	**2.7 M**	**2.2**	1.8	**2.6**	1.8	2	1.12	1.28	1.32
Total VOCs (µg/L)			**2.5**	**2.5**	**6.6**	**3.5**	**2.7**	**2.2**	**1.8**	**2.6**	**1.8**	**2**	**2.52**	**1.48**	**1.32**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	258	252	229 M	260 M	256	270	247	276 M	243	230 B	200	240	210
ammonia	2	0.2	0.23	0.17	0.2	0.21 J	0.13 M	0.19	0.13	0.23	0.26 M	0.042 F	0.32	0.14	0.35
BOD5	--	2.4	U	U	2.7	U	U	U	U	2.1	U	U	2.1	U	U
bromide	2	0.5	U	U	U	U	U	U	U	UM	0.4 M	U	0.087 F	0.094 F	0.069 F
COD	--	5	U	U	UM	U	U	11.4	3.6 F	15.9	13.2 J	U	14	13 B	11
chloride	250	1	18.1	18.2	18.3	19.6	15.9 M	18	20.7	15.7 M	16.6 M	17.6 B	20	16	15
color	15	5	**150 J**	NA	NA	NA	NA	**120**	NA	NA	NA	**80**	NA	NA	NA
cyanide, Total	200	0.02	U	NA	NA	NA	NA	0.0091 M	NA	NA	NA	U	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	330	252	216 M	240	232	236	232	392	260	176	200	220	150
nitrate	10	1	U	U	U	UM	U	U	U	UM	0.08 F	U	0.028 F	U	U
TKN	1	1	0.31	0.56	0.47	0.23 B	0.48 B	0.29	0.43	**1.1**	1 J	0.25 B	0.26 F	0.30 J	0.32
sulfate	250	1	9.4	7.8	8.3	7.5	6.1 M	6.8	7.8	6 M	6 M	5.6	7.1	4.7 F	6.5
TDS	500	10	312	318	312	280	338	292	310	268	278	316	250	270	260
TOC	--	1	2.2	2.1	0.52 F	2.1	2.7	2.4	2	2.4 B	1.9	U	2.5	3.2	2.8

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-13										
Date of Collection			4/1/2008	9/17/2008	4/17/2009	3/30/2010	6/16/2011	6/21/2012	6/6/2013	6/12/2014			
Sample ID No.			LF1M1316PA	LF1M1316QA	LF1M1316RA	LF1M1316SA	LF1M1316TA	LF1M1316UA	LF1M1316VA	LF1M1316VA			
Depth to Water (ft)			4.65	8.59	6.33	5.85	6.8	7.35	6.85	7.24			
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	NA	NA	NA	NA			
1,1-dichloroethane	5*	1	U	U	U	U	NA	NA	NA	NA			
1,2,3-trichlorobenzene	5	1	U	U	U	U	NA	NA	NA	NA			
1,2,4-trimethylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
1,2-dichloroethane	0.6	1	U	U	U	U	NA	NA	NA	NA			
1,2-dichlorobenzene	3	1	U	U	U	U	NA	NA	NA	NA			
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	NA	NA	NA	NA			
1,3,5-trimethylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
1,3-dichlorobenzene	3	1	U	U	U	U	NA	NA	NA	NA			
1,4-dichlorobenzene	3	0.5	0.180 F	U	U	U	NA	NA	NA	NA			
acetone	50	10	U	U	U	1.31♦	NA	NA	NA	NA			
benzene	1	0.1	U	U	U	U	NA	NA	NA	NA			
bromodichloromethane	50	0.5	U	U	U	U	NA	NA	NA	NA			
bromoform	50	1	U	U	U	U	NA	NA	NA	NA			
carbon disulfide	1,000	0.5	U	U	U	U	NA	NA	NA	NA			
chlorobenzene	5*	0.5	U	U	U	U	NA	NA	NA	NA			
chloroethane	5*	1	U	U	U	U	NA	NA	NA	NA			
chloroform	7	0.3	U	U	U	U	NA	NA	NA	NA			
chloromethane	5*	1	U	U	U	U	NA	NA	NA	NA			
cis-1,2-dichloroethene	5*	1	U	U	U	U	NA	NA	NA	NA			
dichlorodifluoromethane	5*	1	U	U	U	U	NA	NA	NA	NA			
ethylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
isopropylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
methylene chloride	5*	1	U	U	U	U	NA	NA	NA	NA			
methyl iodide	5*	0.5	U	U	U	U	NA	NA	NA	NA			
n-propylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
m,p-xylene	5*	2	U	U	U	U	NA	NA	NA	NA			
naphthalene	10	1	U	U	U	U	NA	NA	NA	NA			
o-xylene	5*	1	U	U	U	U	NA	NA	NA	NA			
p-isopropyltoluene	5*	1	U	U	U	U	NA	NA	NA	NA			
sec-butylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
tetrachloroethene	5	1	U	U	U	U	NA	NA	NA	NA			
tert-butylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
trichloroethene (TCE)	5*	1	U	U	U	U	NA	NA	NA	NA			
toluene	5*	1	U	U	U	U	NA	NA	NA	NA			
trichlorofluoromethane	5*	1	U	U	U	U	NA	NA	NA	NA			
vinyl chloride	2	1	1.48	1.25	1.16♦	1.27	NA	NA	NA	NA			
Total VOCs (µg/L)			**1.66**	**1.25**	**1.16**	**2.58**	NA	NA	NA	NA			
Leachate Indicators (mg/L)													
alkalinity, Total	--	10	230	190	220♦	210	210*	200	200	200			
ammonia	2	0.2	0.17	0.34	0.17	0.16♦	0.57	0.21 B♦	0.25 J	0.30 ♦			
BOD5	--	2.4	U	2.3	U	U	3.9*	U	U	1.9 J			
bromide	2	0.5	0.078 F♦	0.075 F	0.089 F♦	0.078 F♦	U	0.13 J	U	U			
COD	--	5	15♦	8.2 F	13	12♦	4.6 F	8.6♦	15 J	10 ♦			
chloride	250	1	14	14	15	13	14	14	12	11.0			
color	15	5	**100**	NA	**45**	U	**35**	**50♦**	U	**20♦**			
cyanide, Total	200	0.02	NA	NA	NA	NA	U	U	U	U			
Fluoride	1.5	1	NA	NA	NA	NA	U	U	0.070 J	0.12 J			
hardness, Total	--	1	230	200	200	210♦	200	180	170	210			
nitrate	10	1	0.016 F	U	0.025 F	0.015 F	U	U	U	U			
TKN	1	1	0.2	0.49 B	0.18 F♦	0.54 B♦	0.57 F	1.4 B♦	0.63 J	U			
sulfate	250	1	5.2	5.8	5.7	6.0	6.8	6.9♦	5.9	5.7 ♦			
TDS	500	10	370 J♦	210	240	250	240	220	230	240			
TOC	--	1	2.1 J♦	2.0	1.5	2.0♦	1.9	2.2	2.8	2.3 B♦			

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-14															
Date of Collection			12/15/2004	4/4/2005	6/22/2005	9/9/2005	12/19/2005	3/15/2006	9/15/2006	4/3/2007	9/26/2007	4/2/2008	9/18/2008	4/21/2009	3/30/2010	6/16/2011	6/26/2012	6/6/2013	6/19/2014
Sample ID No.			LF1M1413EA	LF1M1413FA	LF1M1413GA	LF1M1413HA	LF1M1414IA	LF1M1414JA	LF1M1410LA	LF1M1414NA	LF1M1413OA	LF1M1414PA	LF1M1412QA	LF1M1412RA	LF1M1414SA	LF1M1414TA	LF1M1411UA	LF1M1414VA	LF1M1414VA
Depth to Water (ft)			6.91	5.87	10.67	12.88	8.41	6.64	10.42	5.90	15.63	5.37	11.90	7.41	6.85	8.90	10.75	8.47	8.85
VOCs (µg/L)																			
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
1,2,3-trichlorobenzene	5	1	U	U	0.28 F	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	1.45	NA	NA	NA	NA
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
chlorobenzene	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
methylene chloride	5*	1	U	U	U	U	U	U	U	U	0.250 F	U	U	U	U	NA	NA	NA	NA
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
naphthalene	10	1	U	U	0.21 F	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U	NA	NA	NA	NA
Total VOCs (µg/L)			**0**	**0**	**0.49**	**0**	**0**	**0**	**0**	**0**	**0.25**	**0**	**0**	**0**	**1.45**	NA	NA	NA	NA
Leachate Indicators (mg/L)																			
alkalinity, Total	--	10	57	52.1	58.2	70.1	52.2	28.7	64	42	76	48	66	54	46	66	68	60	64
ammonia	2	0.2	0.071 F	0.024 F	U	0.076	U	U	U	0.012 F	0.11	0.013 F	U	U	U	0.14 F	0.13 B	0.033 J	U
BOD5	--	2.4	U	U	U	U	U	U	U	U	NA	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	0.52	U	U	U	U	U	U	U	U	U	U	U
COD	--	5	U	U	U	8.8 F	18.4	U	7.1 F	8.3 F	120	4.1 F	U	3.7 F	U	U	6.0 J	22	U
chloride	250	1	5.5	4.7	8.1	7.6	2.7	1.9	3.4	1.6	6.0	1.4	2.1	0.75 F	4.4	3.0	6.7	2.8 J	2.7
color	15	5	NA	**25**	NA	NA	NA	10	NA	NA	NA	U	NA	U	U	U	U	U	U
cyanide, Total	200	0.02	NA	U	NA	NA	NA	U	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	0.098 J
hardness, Total	--	1	72	58	84	105	88	21.3	76 B	56	80	48	92	50	63	66	84	73	95 J
nitrate	10	1	0.070 F	0.38 F	U	0.83 F	0.1 F	U	0.2 F	0.072 F	0.15	0.43	0.24	0.15	1.3	U	0.98	0.95	0.64 ♦
TKN	1	1	0.23	U	U	0.4	0.065	U	0.3 F	U	**4.3**	U	0.48	0.93	0.19 FB	0.54 F	0.82 JB	0.70 J	U
sulfate	250	1	10.2	9.9	10.5	10	10.5	9.8	9.8	9.1	9.8	7.8	8.0	7.5	7.9	8.0	8.3	7.0	6.8 ♦
TDS	500	10	107	778	121	140	99	95	98	68	150	67	47	66	74	83	100	80	84 ♦
TOC	--	1	U	0.76 F	0.45 F	0.84 F	U	0.71 F	0.61 F	0.61 F	3.4	1.3	0.45 F	0.58 F	0.74 F	0.94 F	0.98 J	1.0	0.78 JB

For notes, please refer to the end of the Table Section.

Table 2-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-1R										
Date of Collection			12/5/2003	4/4/2005	3/15/2006	4/3/2007	4/1/2008	4/21/2009	3/30/2010	6/20/2011	6/26/2012	6/12/2013	6/25/2014
Sample ID No.			LF1M01R11AA	LF1M01R11FA	LF1M01R11JA	LF1M01R11NA	LF1M01R11PA	LF1M01R11RA	LF1M01R11SA	LF1M01R11TA	LF1M01R11UA	LF1M01R11VA	LF1M01R11CA
Depth to Water (ft)			4.30	3.99	3.14	4.09	3.75	4.15	4.18	4.93	4.62	4.02	3.27
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	NA	NA	NA	NA
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	NA	NA	NA	NA
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	NA	NA	NA	NA
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	NA	NA	NA	NA
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	NA	NA	NA	NA
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	NA	NA	NA	NA
acetone	50	10	U	U	U	U	U	U	1.63 F	NA	NA	NA	NA
benzene	1	0.1	U	U	U	U	U	U	U	NA	NA	NA	NA
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	NA	NA	NA	NA
bromoform	50	1	U	U	U	U	U	U	U	NA	NA	NA	NA
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	NA	NA	NA	NA
chlorobenzene	5*	0.5	U	U	U	U	U	U	U	NA	NA	NA	NA
chloroethane	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
chloroform	7	0.3	U	U	U	U	U	U	U	NA	NA	NA	NA
chloromethane	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
ethylbenzene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
isopropylbenzene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
methylene chloride	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
methyl iodide	5*	0.5	U	U	U	U	U	U	U	NA	NA	NA	NA
n-propylbenzene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
m,p-xylene	5*	2	U	U	U	U	U	U	U	NA	NA	NA	NA
naphthalene	10	1	U	U	U	U	U	U	U	NA	NA	NA	NA
o-xylene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
tetrachloroethene	5	1	U	U	U	U	U	U	U	NA	NA	NA	NA
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
toluene	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	NA	NA	NA	NA
vinyl chloride	2	1	U	U	U	U	U	U	U	NA	NA	NA	NA
Total VOCs (µg/L)			**0**	**0**	**0**	**0**	**0**	**0**	**1.63**	**NA**	**NA**	**NA**	**NA**
Leachate Indicators (mg/L)													
alkalinity, Total	--	10	43.8 B	44.3	47.3	34	36	30	40	59	41	25	35
ammonia	2	0.2	U	0.076	0.061	0.080	0.037 F	0.07	0.046 F	0.25	0.13 JB	0.093 J	0.089 JB
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	UJ
bromide	2	0.5	U	0.32 F	0.49 F	0.033 F	0.028 F	0.014 F	U	U	U	U	U
COD	--	5	U	19.2	13.2	19 B	20	17	6.5 F	U	37	18 J	15 J
chloride	250	1	33 B	40.4	13.7	9.4	7.0	6.3	7.3	10.0	10.0	8.2	7.1
color	15	5	**80**	**40**	**80**	NA	**80**	**50**	U	**40**	U	U	15 J
cyanide, Total	200	0.02	0.034 B	U	U	NA	NA	NA	NA	NA	U	U	NA
Fluoride	1.5	1	NA	NA	NA	NA	NS	NA	NA	U	NA	0.18 J	0.14 J
hardness, Total	--	1	150 B	76	44.8	60	48	44	38	77	74	4.1	110
nitrate	10	1	U	U	U	U	U	0.021 F	0.013 F	U	U	0.10 J	UJ
TKN	1	1	0.54	U	0.063 F	0.24	0.15 F	0.32	0.30 B	0.53 F	1.2 B	0.29 J	U
sulfate	250	1	9.9 B	6.7	7.8	11	9.0	9.9	8.7	8.4	8.3	10.0	10.0
TDS	500	10	130 B	147	141	86	75	81	76	110	89	88	78
TOC	--	1	2.1	4.8	4.2	5.1	7.1	8.0	2.6	1.7	5.1	5.1	3.3

For notes, please refer to the end of the Table Section.

Table 2-2
Grundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-103												
Date of Collection			3/31/2004	6/28/2004	9/17/2004	12/15/2004	4/5/2005	6/23/2005	9/9/2005	12/22/2005	3/17/2006	9/15/2006	4/4/2007	9/27/2007	4/1/2008
Sample ID No.			LF1M10334BA	Not Sampled	LF1M10335DA	Not Sampled	Not Sampled	LF1M10335GA	LF1M10335HA	LF1M10335IA	Not Sampled	LF1M10314LA	LF1M10333NA	LF1M10335OA	LF1M10331PA
Depth to Water (ft)			33.77	34.37	34.90	34.41	34.41	34.68	34.75	34.50	34.45	33.60	32.93	33.12	30.61
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
1,1-dichloroethane	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
1,2,3-trichlorobenzene	5	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
1,2,4-trimethylbenzene	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
1,2-dichloroethane	0.6	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
1,2-dichlorobenzene	3	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
1,2-dibromo-3-chloropropane	0.04	2	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
1,3,5-trimethylbenzene	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
1,3-dichlorobenzene	3	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	NS	U	NS	NS	U	U	U	NS	U	U	0.180 F	U
acetone	50	10	4.9 F	NS	1.5 F	NS	NS	U	U	U	NS	U	U	U	U
benzene	1	0.1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
bromodichloromethane	50	0.5	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
bromoform	50	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
carbon disulfide	1,000	0.5	0.31 F	NS	U	NS	NS	U	U	U	NS	U	U	U	U
chlorobenzene	5*	0.5	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
chloroethane	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
chloroform	7	0.3	4.7 B	NS	0.51 B	NS	NS	U	U	U	NS	U	U	U	U
chloromethane	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
dichlorodifluoromethane	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
ethylbenzene	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
isopropylbenzene	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
methylene chloride	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
methyl iodide	5*	0.5	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
n-propylbenzene	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
m,p-xylene	5*	2	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
naphthalene	10	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
o-xylene	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
p-isopropyltoluene	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
sec-butylbenzene	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
tetrachloroethene	5	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
tert-butylbenzene	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
trichloroethene (TCE)	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
toluene	5*	1	0.34 F	NS	U	NS	NS	U	U	U	NS	U	U	U	U
trichlorofluoromethane	5*	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
vinyl chloride	2	1	U	NS	U	NS	NS	U	U	U	NS	U	U	U	U
Total VOCs (µg/L)			**10.25**	**NS**	**2.01**	**NS**	**NS**	**0**	**0**	**0**	**NS**	**0**	**0**	**0.180**	**0**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	460	300
ammonia	2	0.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	0.34
BOD5	--	2.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
bromide	2	0.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.86 F	NA
COD	--	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	22
chloride	250	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	31	NA
color	15	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
cyanide, Total	200	0.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
Fluoride	1.5	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
hardness, Total	--	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	32	28
nitrate	10	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**220**	NA
TKN	1	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	**1.6**
sulfate	250	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**390**	NA
TDS	500	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**2,400**	NA
TOC	--	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.2	2.9

For notes, please refer to the end of the Table Section.

Table 2-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-103										
Date of Collection			9/18/2008	4/21/2009	3/31/2010	6/16/2011	6/26/2012	6/12/2013	6/18/2014				
Sample ID No.			LF1M10333QA	LF1M10333RA	LF1M10317SA	LF1M10312TA	LF1M10318UA	LF1M10319VA	LF1M10317VA				
Depth to Water (ft)			17.51	14.10	16.60	12.31	17.61	19.84	20.19				
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	NA				
1,1-dichloroethane	5*	1	U	U	U	U	U	U	NA				
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	NA				
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	NA				
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	NA				
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	NA				
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	NA				
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	NA				
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	NA				
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	NA				
acetone	50	10	13.6	18.0	13.5	13	13	13	NA				
benzene	1	0.1	U	U	U	U	U	U	NA				
bromodichloromethane	50	0.5	U	U	U	U	U	U	NA				
bromoform	50	1	U	U	U	U	U	U	NA				
carbon disulfide	1,000	0.5	U	U	U	U	U	U	NA				
chlorobenzene	5*	0.5	U	U	U	U	U	U	NA				
chloroethane	5*	1	U	U	U	U	U	U	NA				
chloroform	7	0.3	U	U	U	U	U	U	NA				
chloromethane	5*	1	U	U	U	U	0.33 J	U	NA				
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U				
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	NA				
ethylbenzene	5*	1	U	U	U	U	U	U	NA				
isopropylbenzene	5*	1	U	U	U	U	U	U	NA				
methylene chloride	5*	1	U	U	U	U	U	U	NA				
methyl iodide	5*	0.5	U	U	U	U	U	U	NA				
n-propylbenzene	5*	1	U	U	U	U	U	U	NA				
m,p-xylene	5*	2	U	U	U	U	U	U	NA				
naphthalene	10	1	U	U	U	U	U	0.31 J	NA				
o-xylene	5*	1	U	U	U	U	U	U	NA				
p-isopropyltoluene	5*	1	U	U	U	U	U	U	NA				
sec-butylbenzene	5*	1	U	U	U	U	U	U	NA				
tetrachloroethene	5	1	U	U	U	U	U	U	NA				
tert-butylbenzene	5*	1	U	U	U	U	U	U	NA				
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	NA				
toluene	5*	1	U	U	U	U	U	U	NA				
trichlorofluoromethane	5*	1	U	U	U	U	U	U	NA				
vinyl chloride	2	1	U	U	U	U	U	U	NA				
Total VOCs (µg/L)			**13.60**	**18.0**	**13.5**	**13**	**13.33**	**13.31**	**NA**				
Leachate Indicators (mg/L)													
alkalinity, Total	--	10	310	350	460	U	390	U	370				
ammonia	2	0.2	NS	**21**	**25**	**25**	U	**31**	U				
BOD5	--	2.4	NS	NA	NA	U	U	U	U				
bromide	2	0.5	NS	0.12	0.10	U	0.12 J	U	U				
COD	--	5	NS	37	12	U	U	8.7 J	U				
chloride	250	1	NA	4.9	4.3 B	U	5.2	U	4.0				
color	15	5	NA	10	U	U	U	U	U				
cyanide, Total	200	0.02	NA	NA	NA	NA	U	U	U				
Fluoride	1.5	1	NA	NA	NA	U	0.75 J	U	0.74				
hardness, Total	--	1	32	18	32 B	23	U	U	14				
nitrate	10	1	NS	5.9	2.1 B	U	1.0	U	0.61				
TKN	1	1	NS	**21**	**30**	**22**	U	**8.6**	U				
sulfate	250	1	NS	27	18 B	U	14.0	U	14.0				
TDS	500	10	NS	440	420	U	370	U	350				
TOC	--	1	NS	4.2	2.9	2.4	U	1.7	2.1 B				

For notes, please refer to the end of the Table Section.

Table 2-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1P-2												
Date of Collection			12/22/2005	3/16/2006	6/19/2006	9/14/2006	12/18/2006	4/4/2007	9/26/2007	4/1/2008	9/18/2008	4/21/2009	3/30/2010	6/15/2011	6/21/2012
Sample ID No.			LF1P0213IA	LF1P0213JA	LF1P0213KA	LF1P0213LA	LF1P0213MA	LF1P0213NA	LF1P0213OA	LF1P0213PA	LF1P0213QA	LF1P0213RA	LF1P0213SA	LF1P0213TA	LF1P0213UA
Depth to Water (ft)			5.77	4.96	5.82	5.89	5.28	4.77	6.25	4.15	6.05	5.02	4.78	4.80	5.51
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	5*	1	U	U	U	0.2 F	0.220 F	0.130 F	0.140 F	U	U	U	0.120 F	U	U
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	0.16 J	U
1,2-dichlorobenzene	3	1	U	U	U	0.19 F	0.290 F	0.250 F	0.350 F	0.250 F	0.370 F	0.220 F	0.500 F	0.43 J	0.33 J
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	UJ	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	1.3	1.1	1.2	1.72	2.21	1.87	2.04	1.70	2.30	1.38	2.70	2.50	1.60
acetone	50	10	U	U	U	2.86 F	U	U	U	U	U	U	U	U	U
benzene	1	0.1	0.78	0.77	0.76	0.95	**1.01**	0.670	0.700	0.550	0.730	0.540	0.800	0.68 J	0.45 J
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chlorobenzene	5*	0.5	1.7	1.4	1.6	2.04	2.27	1.92	2.05	1.43	1.86	1.45	2.21	2.0	1.1
chloroethane	5*	1	U	U	0.25 F	0.2 F	0.300 F	0.220 F	U	U	U	U	0.340 F	U	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	0.120 F	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	0.35 F	0.26 F	U	U	0.240 F	0.140 F	U	U	U	U	U	U
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	0.13 F	U	0.100 F	U	U	U	U	U	U	U
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U	U
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	0.28 J	U
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	0.120 F	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	0.190 F	U	U	0.110 F	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	0.45 F	0.52 F	0.56 F	0.57 F	0.550 F	0.380 F	U	U	U	U	U	0.41 J	U
Total VOCs (µg/L)			**4.23**	**4.14**	**4.63**	**8.86**	**7.16**	**5.78**	**3.38**	**2.34**	**5.26**	**3.59**	**6.79**	**6.46**	**2.38**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	389	418	446	450	460	440	440	450	440	430	480	440	430
ammonia	2	0.2	1.5	1.3	1.2	**2.4**	**2.6**	**2.4**	**2.2**	**2.1**	**2.2**	2.0	1.7	1.6	0.74
BOD5	--	2.4	2.1	U	4.6	11	6.0	13.0	8.1	U	6.0	3.5	U	5.0	4.8 J
bromide	2	0.5	0.28 F	0.49 F	0.11 F	0.18 F	0.12	0.10	0.13	0.085 F	0.14	0.12	0.13	0.14 J	0.11 J
COD	--	5	7.3 F	U	26.7 B	16	14 B	13 B	8.5 F	8.5 F	3.7 F	6.0 F	14	7.3 J	6.3 J
chloride	250	1	7.4	9.5	11.5	15	11	8.7	12	6.7	11	9	12	20	5.2
color	15	5	NA	**140**	NA	NA	NA	NA	NA	**60**	NA	**40**	U	**40**	**25**
cyanide, Total	200	0.02	NA	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.16 J	0.16 J
hardness, Total	--	1	430 B	314	438	460	430	470	390	430	480	440	460	420	380
nitrate	10	1	0.07 F	U	0.03 F	0.039 F	0.030 F	U	0.065 F	0.054 F	U	0.085 F	0.086 F	U	0.087 J
TKN	1	1	**2.2**	**2.1**	**1.9**	**2.4**	**2.7**	**2.4**	**2.1**	**2.1**	**2.3**	**2.1**	**2.1**	**1.9 J**	**1.7 B**
sulfate	250	1	5.8	3.8	5.2	3.9	3.5	3.3 B	1.8	1.8	0.97 F	0.72 F	0.22 F	0.93 J	U
TDS	500	10	380	456	471	490	500	490	480	460	340	470	460	460	410
TOC	--	1	U	1.7	2.7	2.8	3.0	2.4	3.7	2.3	2.2	3.1	2.3	2.3	2.0

For notes, please refer to the end of the Table Section.

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1P-2							
Date of Collection			6/11/2013	6/16/2014						
Sample ID No.			LF1P0213VA	LF1P0213VA						
Depth to Water (ft)			4.98	5.14						
VOCs (µg/L)										
1,1,1-trichloroethane	5*	1	U	U						
1,1-dichloroethane	5*	1	U	U						
1,2,3-trichlorobenzene	5	1	U	U						
1,2,4-trimethylbenzene	5*	1	U	U						
1,2-dichloroethane	0.6	1	U	U						
1,2-dichlorobenzene	3	1	0.41 J	0.28 J						
1,2-dibromo-3-chloropropane	0.04	2	U	U						
1,3,5-trimethylbenzene	5*	1	U	U						
1,3-dichlorobenzene	3	1	U	U						
1,4-dichlorobenzene	3	0.5	2.1	1.20						
acetone	50	10	3.6 J	U						
benzene	1	0.1	0.68 J	0.48 J						
bromodichloromethane	50	0.5	U	U						
bromoform	50	1	U	U						
carbon disulfide	1,000	0.5	U	U						
chlorobenzene	5*	0.5	1.6	1.0						
chloroethane	5*	1	U	U						
chloroform	7	0.3	U	U						
chloromethane	5*	1	U	U						
cis-1,2-dichloroethene	5*	1	U	U						
dichlorodifluoromethane	5*	1	U	U						
ethylbenzene	5*	1	U	U						
isopropylbenzene	5*	1	U	U						
methylene chloride	5*	1	U	U						
methyl iodide	5*	0.5	U	U						
n-propylbenzene	5*	1	U	U						
m,p-xylene	5*	2	U	U						
naphthalene	10	1	U	U						
o-xylene	5*	1	U	U						
p-isopropyltoluene	5*	1	U	U						
sec-butylbenzene	5*	1	U	U						
tetrachloroethene	5	1	U	U						
tert-butylbenzene	5*	1	U	U						
trichloroethene (TCE)	5*	1	U	U						
toluene	5*	1	U	U						
trichlorofluoromethane	5*	1	U	U						
vinyl chloride	2	1	U	U						
Total VOCs (µg/L)			**5.92**	**2.96**						
Leachate Indicators (mg/L)										
alkalinity, Total	--	10	430	420						
ammonia	2	0.2	1.8	1.60						
BOD5	--	2.4	14	3.4						
bromide	2	0.5	U	0.14 J						
COD	--	5	16 J	U						
chloride	250	1	11	9.3						
color	15	5	U	U						
cyanide, Total	200	0.02	U	U						
Fluoride	1.5	1	0.060 J	0.11 J						
hardness, Total	--	1	420	410						
nitrate	10	1	U	0.19 J						
TKN	1	1	**1.4**	**1.1**						
sulfate	250	1	0.56 J	0.73 J						
TDS	500	10	480	450						
TOC	--	1	2.0	2.0 B						

For notes, please refer to the end of the Table Section.

Table 2-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1P-3												
Date of Collection			12/8/2003	3/30/2004	6/28/2004	9/16/2004	12/15/2004	4/4/2005	6/22/2005	9/9/2005	12/22/2005	3/17/2006	9/13/2006	4/4/2007	9/26/2007
Sample ID No.			LF1P0317AA	LF1P0303BA	LF1P0317CA	LF1P0317DA	LF1P0317EA	LF1P0317FA	LF1P0317GA	LF1P0317HA	LF1P0317IA	LF1P0317JA	LF1P0317LA	LF1P0317NA	LF1P0317OA
Depth to Water (ft)			3.76	3.20	3.54	3.79	3.75	3.33	4.01	5.37	4.53	3.35	4.35	2.85	5.17
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	0.11 F	U	U
acetone	50	10	1.3 F	U	2.9 F	U	U	U	U	U	U	U	1 F	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
bromoform	50	1	U	U	U	U	U	U	0.25 F	U	2.1	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chlorobenzene	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	0.24 F	U	U
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U	U
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	0.26 F	U	0.26 F	0.33 F	0.27 F	0.34 F	0.44 F	0.5 F	U	0.3 F	0.13 F	U	0.240 F
Total VOCs (µg/L)			**1.56**	**0**	**3.16**	**0.33**	**0.27**	**0.34**	**0.69**	**0.5**	**2.1**	**0.3**	**1.86**	**0**	**0.240**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	338	335	301	347	347	354	471	347	334	342	350	340	330
ammonia	2	0.2	0.29	0.27	0.32	0.35	0.34	0.36	6	0.41	0.3	0.3 B	0.36	0.41	0.40
BOD5	--	2.4	U	2.4	U	U	U	U	U	U	U	2.3	4.9	U	2.2
bromide	2	0.5	U	U	U	U	U	U	U	U	0.23 F	0.52	0.085 F	0.089 F	0.10
COD	--	5	U	U	U	U	U	U	50.1	12	13.9 B	U	5 F	8.3 F	U
chloride	250	1	10.8	10.5	12	11.9	10.8	12.2	12.1	11.6	12.2	11.4	11	11	10
color	15	5	2.5	NA	NA	NA	NA	5	NA	NA	NA	U	NA	NA	NA
cyanide, Total	200	0.02	0.085 J	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	770	320	324	350	352	328	332	582	340 B	222	330	360	260
nitrate	10	1	U	U	U	U	U	U	U	U	U	U	0.023 F	0.038 F	0.020 F
TKN	1	1	0.39	0.31	0.36	0.35 B	0.4	0.4	**6.4**	0.77	0.73	**4**	0.3 F	0.38	0.52
sulfate	250	1	22.3	19.9	24.7	18.2	16.8	17.8	14.1	11.9	11.4	10.3	8.8	8.2 B	8.3
TDS	500	10	385	384	371	378	400	384	385	386	351	366	370	360	380
TOC	--	1	U	0.8 F	U	U	U	0.72 F	0.53 F	0.95 F	U	U	U	U	1.3

For notes, please refer to the end of the Table Section.

Table 2-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1P-3										
Date of Collection			4/2/2008	9/18/2008	4/21/2009	3/31/2010	6/15/2011	6/21/2012	6/10/2013	6/16/2014			
Sample ID No.			LF1P0317PA	LF1P0317QA	LF1P0317RA	LF1P0317SA	LF1P0317TA	LF1P0317UA	LF1P0317VA	LF1P0317VA			
Depth to Water (ft)			2.68	4.67	3.13	3.78	2.65	3.89	3.71	3.22			
VOCs (ug/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	NA	NA	NA	NA			
1,1-dichloroethane	5*	1	U	U	U	U	NA	NA	NA	NA			
1,2,3-trichlorobenzene	5	1	U	U	U	U	NA	NA	NA	NA			
1,2,4-trimethylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
1,2-dichloroethane	0.6	1	U	U	U	U	NA	NA	NA	NA			
1,2-dichlorobenzene	3	1	U	U	U	U	NA	NA	NA	NA			
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	NA	NA	NA	NA			
1,3,5-trimethylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
1,3-dichlorobenzene	3	1	U	U	U	U	NA	NA	NA	NA			
1,4-dichlorobenzene	3	0.5	U	U	U	U	NA	NA	NA	NA			
acetone	50	10	U	U	U	U	NA	NA	NA	NA			
benzene	1	0.1	U	U	U	U	NA	NA	NA	NA			
bromodichloromethane	50	0.5	U	U	U	U	NA	NA	NA	NA			
bromoform	50	1	U	U	U	U	NA	NA	NA	NA			
carbon disulfide	1,000	0.5	U	U	U	U	NA	NA	NA	NA			
chlorobenzene	5*	0.5	U	U	U	U	NA	NA	NA	NA			
chloroethane	5*	1	U	U	U	U	NA	NA	NA	NA			
chloroform	7	0.3	U	U	U	U	NA	NA	NA	NA			
chloromethane	5*	1	U	U	U	U	NA	NA	NA	NA			
cis-1,2-dichloroethene	5*	1	U	U	U	U	NA	NA	NA	NA			
dichlorodifluoromethane	5*	1	U	U	U	U	NA	NA	NA	NA			
ethylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
isopropylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
methylene chloride	5*	1	U	U	U	U	NA	NA	NA	NA			
methyl iodide	5*	0.5	U	U	U	U	NA	NA	NA	NA			
n-propylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
m,p-xylene	5*	2	U	U	U	U	NA	NA	NA	NA			
naphthalene	10	1	U	U	U	U	NA	NA	NA	NA			
o-xylene	5*	1	U	U	U	U	NA	NA	NA	NA			
p-isopropyltoluene	5*	1	U	U	U	U	NA	NA	NA	NA			
sec-butylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
tetrachloroethene	5	1	U	U	U	U	NA	NA	NA	NA			
tert-butylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
trichloroethene (TCE)	5*	1	U	U	U	U	NA	NA	NA	NA			
toluene	5*	1	U	U	U	U	NA	NA	NA	NA			
trichlorofluoromethane	5*	1	U	U	U	U	NA	NA	NA	NA			
vinyl chloride	2	1	U	U	U	U	NA	NA	NA	NA			
Total VOCs (µg/L)			**0**	**0**	**0**	**0**	NA	NA	NA	NA			
Leachate Indicators (mg/L)													
alkalinity, Total	--	10	350	350	340	360 B	240	370	340	330			
ammonia	2	0.2	0.38	0.42	0.42	0.36 B	0.57	0.32 B	0.43	0.43			
BOD5	--	2.4	U	U	U	U	3.4	3.0	2.7	2.3			
bromide	2	0.5	0.092 F	0.10	0.12	0.093 F	0.12 F	0.15 J	U	0.13 J			
COD	--	5	8.5 F	U	8.2 F	U	U	U	5.4 J	U			
chloride	250	1	11	9.5	10.0	9.1 B	10.0	9.7	8.8	9.3			
color	15	5	U	NA	U	U	U	U	U	U			
cyanide, Total	200	0.02	NA	NA	NA	NA	U	U	U	U			
Fluoride	1.5	1	NA	NA	NA	NA	U	U	U	0.087 J			
hardness, Total	--	1	320	330	320	340 B	290	320	320	340			
nitrate	10	1	0.041 F	U	U	U	U	0.042 J	U	9.3			
TKN	1	1	0.33	0.55	0.39	0.75	0.68 F	1.1 B	0.66 J	U			
sulfate	250	1	9.4	8.1	7.2	4.5 B	2.7 J	2.0 J	1.8 J	1.7 J			
TDS	500	10	**510**	380	380	370	360	370	350	350			
TOC	--	1	U	U	0.60 F	U	0.44 F	0.48 J	0.59 J	0.61 JB			

For notes, please refer to the end of the Table Section.

Table 2-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1P-5												
Date of Collection			12/5/2003	3/30/2004	6/28/2004	9/16/2004	12/14/2004	4/1/2005	6/22/2005	9/9/2005	12/21/2005	3/17/2006	9/15/2006	4/4/2007	9/27/2007
Sample ID No.			LF1P0525AA	LF1P0525BA	LF1P0525CA	LF1P0525DA	LF1P0525EA	LF1P0525FA	LF1P0525GA	LF1P0525HA	LF1P0525IA	LF1P0525JA	LF1P0525LA	LF1P0525NA	LF1P0525OA
Depth to Water (ft)			4.20	3.57	4.91	4.39	4.05	4.02	5.93	6.98	5.03	4.37	5.16	3.53	6.38
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chlorobenzene	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U	U
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	316 B	365	354	304	262	249	407	394	289	348	350	270	350
ammonia	2	0.2	0.64	0.45	0.55	0.66	0.54	0.16	0.44	0.58	0.61 B	0.56 B	0.7	0.28	0.71
BOD5	--	2.4	5.9	5	2.6	3.6	U	U	2.5	5.7	U	U	9.8	U	4.5
bromide	2	0.5	U	0.19 F	U	U	0.2 F	U	U	U	0.4 F	0.3 F	0.11 F	0.070 F	0.11
COD	--	5	U	U	U	10.9	U	U	U	19.1	20.7	U	11	13 B	4.1 F
chloride	250	1	11.2	13.2	16.6	11.1	9.1	11.1	15	14.8	10.9	11.3	11	9.5	11
color	15	5	**100**	NA	NA	NA	NA	**35**	NA	NA	NA	**160**	NA	NA	NA
cyanide, Total	200	0.02	U	NA	NA	NA	NA	U	NA	NA	NA	0.017 F	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	340 B	328	376	310	200	228	364	680	300	228	340	260	310
nitrate	10	1	U	U	U	U	0.04 F	U	U	U	0.07 F	U	0.014 F	U	0.020 F
TKN	1	1	1	0.71	0.65	0.98 B	0.63 B	0.26	0.9	**1.2**	**2.7**	**2.2**	0.69	0.34	0.7
sulfate	250	1	U	U	U	U	2	3.2	U	U	0.41 F	U	U	1.9 B	U
TDS	500	10	320 B	382	423	323	284	259	413	430	295	331	390	280	380
TOC	--	1	1.9	1.8	U	1.7	2.1	U	1.7	1.8	1.1	1.4	1.5	1.5	2.7

For notes, please refer to the end of the Table Section.

Table 2-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1P-5										
Date of Collection			4/2/2008	9/18/2008	4/20/2009	3/31/2010	6/16/2011	6/25/2012	6/10/2013	6/18/2014			
Sample ID No.			LF1P0525PA	LF1P0525QA	LF1P0525RA	LF1P0525SA	LF1P0525TA	LF1P0525TA	LF1P0525VA	LF1P0525VA			
Depth to Water (ft)			3.45	6.17	4.28	3.90	4.84	4.99	4.55	4.7			
VOCs (ug/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	NA	NA	NA	NA			
1,1-dichloroethane	5*	1	U	U	U	U	NA	NA	NA	NA			
1,2,3-trichlorobenzene	5	1	U	U	U	U	NA	NA	NA	NA			
1,2,4-trimethylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
1,2-dichloroethane	0.6	1	U	U	U	U	NA	NA	NA	NA			
1,2-dichlorobenzene	3	1	U	U	U	U	NA	NA	NA	NA			
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	NA	NA	NA	NA			
1,3,5-trimethylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
1,3-dichlorobenzene	3	1	U	U	U	U	NA	NA	NA	NA			
1,4-dichlorobenzene	3	0.5	U	U	U	U	NA	NA	NA	NA			
acetone	50	10	U	U	U	U	NA	NA	NA	NA			
benzene	1	0.1	U	U	U	U	NA	NA	NA	NA			
bromodichloromethane	50	0.5	U	U	U	U	NA	NA	NA	NA			
bromoform	50	1	U	U	U	U	NA	NA	NA	NA			
carbon disulfide	1,000	0.5	U	U	U	U	NA	NA	NA	NA			
chlorobenzene	5*	0.5	U	U	U	U	NA	NA	NA	NA			
chloroethane	5*	1	U	U	U	U	NA	NA	NA	NA			
chloroform	7	0.3	U	U	U	U	NA	NA	NA	NA			
chloromethane	5*	1	U	U	U	U	NA	NA	NA	NA			
cis-1,2-dichloroethene	5*	1	U	U	U	U	NA	NA	NA	NA			
dichlorodifluoromethane	5*	1	U	U	U	U	NA	NA	NA	NA			
ethylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
isopropylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
methylene chloride	5*	1	U	U	U	U	NA	NA	NA	NA			
methyl iodide	5*	0.5	U	U	U	U	NA	NA	NA	NA			
n-propylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
m,p-xylene	5*	2	U	U	U	U	NA	NA	NA	NA			
naphthalene	10	1	U	U	U	U	NA	NA	NA	NA			
o-xylene	5*	1	U	U	U	U	NA	NA	NA	NA			
p-isopropyltoluene	5*	1	U	U	U	U	NA	NA	NA	NA			
sec-butylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
tetrachloroethene	5	1	U	U	U	U	NA	NA	NA	NA			
tert-butylbenzene	5*	1	U	U	U	U	NA	NA	NA	NA			
trichloroethene (TCE)	5*	1	U	U	U	U	NA	NA	NA	NA			
toluene	5*	1	U	U	U	U	NA	NA	NA	NA			
trichlorofluoromethane	5*	1	U	U	U	U	NA	NA	NA	NA			
vinyl chloride	2	1	U	U	U	U	NA	NA	NA	NA			
Total VOCs (µg/L)			**0**	**0**	**0**	**0**	NA	NA	NA	NA			
Leachate Indicators (mg/L)													
alkalinity, Total	--	10	310	370	330	290 B	350	310	270	300			
ammonia	2	0.2	0.42	0.71	0.29	0.13 B	0.40	0.21 B	0.070 J	0.13			
BOD5	--	2.4	U	3.9	U	U	3.1	U	2.7	U			
bromide	2	0.5	0.093 F	0.12	0.11	0.087 F	0.11 F	0.14 J	U	0.14 J			
COD	--	5	6.3 F	U	6.0 F	U	5.0 F	U	11 J	4.6 J			
chloride	250	1	9.3	11	9.9	8.8 B	8.4	8.7	7.5	8.2			
color	15	5	15	NA	U	U	25	U	U	10 B			
cyanide, Total	200	0.02	NA	NA	NA	NA	NA	U	U	U			
Fluoride	1.5	1	NA	NA	NA	NA	U	U	0.062 J	U			
hardness, Total	--	1	290	370	320	290 B	280	260	260	280			
nitrate	10	1	0.18	U	0.21 F	0.27 BF	0.12 F	0.068 J	0.29 J	0.26 J			
TKN	1	1	0.41	0.83	0.35	0.38	0.60 F	1.0	0.57 J	U			
sulfate	250	1	0.53 F	U	U	0.50 BF	0.41 F	U	1.6 J	0.69 J			
TDS	500	10	270	390	280	300	320	320	290	320			
TOC	--	1	1.5	1.3	1.10	1.4	1.9	U	2.0	U			

For notes, please refer to the end of the Table Section.

Table 2-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	MWSAR03												
Date of Collection			12/8/2003	3/30/2004	6/28/2004	9/17/2004	12/15/2004	4/4/2005	6/23/2005	9/8/2005	12/22/2005	3/16/2006	6/19/2006	9/15/2006	12/18/2006
Sample ID No.			MWSAR0324AA	MWSAR0324BA	MWSAR0324CA	MWSAR0324DA	MWSAR0324EA	MWSAR0324FA	MWSAR0321GA	MWSAR0324HA	MWSAR0324IA	MWSAR0324JA	MWSAR0321KA	MWSAR0321LA	MWSAR0321MA
Depth to Water (ft)			18.45	16.65	19.07	19.19	17.71	16.65	20.59	22.61	20.45	17.61	20.75	20.83	18.30
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	U	U	UJ
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	0.46 F	0.25 F	1.4	1.2	U	0.3 F	0.95	2.6	2.2	U	1.7	2.06	0.590
acetone	50	10	1.3 F	U	1.4 F	U	U	U	1.6 F	U	4.8 F	U	U	1.46 F	U
benzene	1	0.1	U	U	0.35 F	0.51	U	U	0.41 F	0.48 F	0.37 F	U	0.59	0.62	0.380 F
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chlorobenzene	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	0.19 F	0.210 F
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	0.15 F	0.140 F
dichlorodifluoromethane	5*	1	U	U	U	0.34 F	U	U	0.43 F	U	U	U	0.2 F	U	U
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U	U
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	0.25 F	U	U	U	U	U	U	U	0.110 F
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	0.46 F	U	0.73 F	**2.2**	U	0.26 F	**4.5**	0.47 F	0.48 F	U	1	1.48	U
Total VOCs (µg/L)			**2.22**	**0.25**	**3.88**	**4.25**	**0.25**	**0.56**	**7.89**	**3.55**	**7.85**	**0**	**3.49**	**5.96**	**1.43**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	165	206	102	77.3	424	308	111	209	148 B	273	74.7	140	170
ammonia	2	0.2	U	U	0.22	0.23	0.015 F	0.11	0.33	0.42	0.37	0.0093 F	0.25	0.56	0.14
BOD5	--	2.4	U	U	4	4.9	U	U	3.1	3.5	7.9	U	9.2	14	6.6
bromide	2	0.5	U	U	U	U	U	U	U	U	0.34 F	U	U	0.021 F	0.027 F
COD	--	5	U	11.4	U	U	U	U	12.7	16.2	12.9 B	U	40 B	16	14 B
chloride	250	1	8.8	6.6	7	8.5	2.3	2.4	U	5.9	8.9	4.3	5.3	5.8	5.0
color	15	5	**25**	NA	NA	NA	NA	50	U	NA	NA	**20**	NA	NA	NA
cyanide, Total	200	0.02	U	NA	NA	NA	NA	U	U	NA	NA	U	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	310	256	88	90	400	302	140	400	90 B	316	420	170 B	170
nitrate	10	1	U	0.79 F	0.23	0.52 F	0.89 F	2.2	U	U	0.09 F	2.3	U	U	0.13
TKN	1	1	U	0.1 F	0.49	0.29	0.28	0.13 F	0.73 B	1	**1.1**	0.19 F	0	0.49	0.14 F
sulfate	250	1	16.8	24.7	11.3	15.1	18.1	21	U	6.1	14.2	21.3	17.9	9.9	12
TDS	500	10	209	244	150	115	473	356	117	114	145	304	193	140	220
TOC	--	1	1.4	1.3	U	0.81 F	1.4	1.3	1.2	1.7 B	1.4	1.3	U	1.1	1.2

For notes, please refer to the end of the Table Section.

Table 2-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	MWSAR03										
Date of Collection			4/3/2007	9/26/2007	4/1/2008	9/18/2008	4/21/2009	3/30/2010	6/20/2011	6/26/2012	6/12/2013	6/17/2014	
Sample ID No.			MWSAR0324NA	MWSAR0324OA	MWSAR0324PA	MWSAR0324QA	MWSAR0324RA	MWSAR0324SA	MWSAR0324TA	MWSAR0324UA	MWSAR0324VA	MWSAR0324VA	
Depth to Water (ft)			15.17	21.69	16.17	21.00	17.86	19.04	17.35	20.31	19.08	18.6	
VOCs (ug/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U	U	U	U	
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
1,3-dichlorobenzene	3	1	U	U	U	U	U	U	0.24 F	U	U	U	
1,4-dichlorobenzene	3	0.5	U	2.05	0.380 F	0.620	U	1.81	U	0.73 J	1.2	0.36 J	
acetone	50	10	U	U	U	U	U	1.52 F	U	U	5.9 J	U	
benzene	1	0.1	U	0.350 F	U	0.550	0.350 F	0.410 F	0.50 F	0.34 J	0.43 J	0.23 J	
bromodichloromethane	50	0.5	U	U	U	U	U	U	U	U	U	U	
bromoform	50	1	U	U	U	U	U	U	U	U	U	U	
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	
chlorobenzene	5*	0.5	U	0.250 F	U	U	U	0.310 F	U	U	0.31 J	0.23 J	
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	
cis-1,2-dichloroethene	5*	1	U	U	U	U	0.120 F	U	0.17	U	0.22 J	U	
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	
ethylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
isopropylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
methylene chloride	5*	1	0.120 F	0.210 F	U	U	U	U	U	U	U	U	
methyl iodide	5*	0.5	U	U	U	U	U	U	U	U	U	U	
n-propylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	
naphthalene	10	1	U	U	U	U	U	U	U	U	0.23 J	U	
o-xylene	5*	1	U	U	U	U	U	U	U	U	U	U	
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U	U	U	U	
sec-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
tetrachloroethene	5	1	U	U	U	U	U	U	U	U	U	U	
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	
trichloroethene (TCE)	5*	1	0.130 F	U	U	U	U	U	U	U	U	U	
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	
vinyl chloride	2	1	U	U	U	1.55	U	0.830 F	U	6.0	0.56 J	0.20 J	
Total VOCs (µg/L)			**0.25**	**2.86**	**0.38**	**2.72**	**0.47**	**4.88**	**0.91**	**7.08**	**8.85**	**1.02**	
Leachate Indicators (mg/L)													
alkalinity, Total	--	10	210	140	250	120	160	180	130	80	290	76	
ammonia	2	0.2	0.019 F	0.40	0.09	0.49	0.035 F	0.24	0.22	0.22 B	0.27	0.077 J	
BOD5	--	2.4	U	U	U	6.7	3.5	13	3.0	2.8	5.1	3.1	
bromide	2	0.5	U	0.039 F	0.047 F	0.029 F	0.034 F	U	U	U	0.12 J	U	
COD	--	5	8.3 F	28	11	26	6.0 F	20	5.3 F	9.0 J	12 J	5.0 J	
chloride	250	1	2.1	4.8	3.5	3.7	3.4	4.9	4.2	6.6	4.2	3.5	
color	15	5	NA	NA	35	NA	U	U	15	U	U	5	
cyanide, Total	200	0.02	NA	NA	NA	NA	NA	NA	NA	U	U	U	
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	0.14 J	U	0.77 J	0.20 J	
hardness, Total	--	1	220	40	260	150	160	68	120	81	9.2	99	
nitrate	10	1	2.7	U	0.14	U	U	0.13 F	U	U	0.15 J	0.35 J	
TKN	1	1	0.094 F	0.5	0.063 F	0.84	U	0.40 B	0.40 F	0.84 J	0.57 J	U	
sulfate	250	1	9.0	4.0	6.1	3.9	1.8	4.2	1.3 F	0.40 J	0.57 J	0.36 J	
TDS	500	10	250	240	270	120	200	180	150	120	310	110	
TOC	--	1	0.75 F	1.6	0.97 F	0.69 F	1.10	1.1	1.3	1.4	1.2	1.0 B	

For notes, please refer to the end of the Table Section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF1SW-1											
Date of Collection			12/9/2003	3/30/2004	6/25/2004	9/17/2004	12/15/2004	4/1/2005	6/22/2005	9/8/2005	12/20/2005	3/16/2006	9/15/2006	4/3/2007
Sample ID No.			LF1SW0101AA	LF1SW0101BA	LF1SW0101CA	LF1SW0101DA	LF1SW0101EA	LF1SW0101FA	LF1SW0101GA	LF1SW0101HA	LF1SW0101IA	LF1SW0101JA	LF1SW0101LA	LF1SW0101NA
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
VOCs (µg/L)														
1,1-dichloroethane	5	1	U	U	U	U	U	U	U	U	U	U	U	U
1,2,4-Trimethylbenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	0.41 F	U	U	U	0.34 F	U
acetone	50	10	2.8 F	U	2.6 F	U	2 F	U	U	3.6 F	U	U	2.94 F	U
benzene	1	0.1	U	U	U	U	U	U	0.30 F	U	U	U	0.12 F	U
chlorobenzene	5	0.5	U	U	U	U	U	U	1.6	U	U	U	0.84	U
dichlorodifluoromethane	5**	1	U	U	U	U	U	U	0.68 F	U	U	U	U	U
methylene chloride	5	1	U	U	U	U	U	U	U	1.2	U	U	0.1 F	U
Naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5	1	U	U	U	U	U	U	0.84 F	U	U	U	0.11 F	U
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	48.3	17.5	49.3	57.9	95.3	130	370	428	213	154	280	120
ammonia	2	0.2	U	U	0.0099 F	0.14	U	0.032 F	0.28	0.023 F	0.13	0.034 F	0.25	0.016 F
BOD5	--	2.4	U	U	U	U	U	U	8.8	3.6	U	U	6.6	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	0.031 F	U
COD	--	5	U	13.1	U	10.5 B	U	U	27.2	24.5	U	U	14	6.1 F
chloride	250	1	9.5	7.9	13	11.9	15.5	9.1	5	5.8	5.5	8.6	4	27
color	15	5	5	NA	NA	NA	NA	7.5	NA	NA	NA	**20**	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	210	U	72	90	124	136	400	500	280	129	280	140
nitrate	10	1	U	0.77 F	1	1.1	2.5	1.2	U	U	U	0.71 F	0.013 F	1.9
TKN	1	1	U	0.3	0.32	0.38	0.21	0.13 F	**6.6**	1	**2.2**	U	**1.1**	0.091 F
sulfate	250	1	9.5	7.2	13.3	12	8.6	7.5	4	9.4	10.4	9.2	6.9	9.3
TDS	500	10	111	55	120	87	173	156	432	449	237	220	240	190
TOC	--	1	1.1	1.7	U	1.5	0.72 F	1.1	6.8	6.9 B	0.69 F	0.84 F	2.8	0.94 F

For notes, please refer to the end of the tables section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF1SW-1									
Date of Collection			9/26/2007	4/2/2008	9/18/2008	4/20/2009	3/31/2010	6/15/2011	6/26/2012	6/11/2013	6/16/2014	
Sample ID No.			LF1SW0101OA	LF1SW0101PA	LF1SW0101QA	LF1SW0101RA	LF1SW0101SA	LF1SW0101TA	LF1SW0101UA	LF1SW0101VA	LF1SW0101VA	
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	
VOCs (µg/L)												
1,1-dichloroethane	5	1	U	U	0.310 F	U	U	U	U	U	U	
1,2,4-Trimethylbenzene	5	1	U	U	U	U	U	U	U	U	U	
1,2-dichlorobenzene	3	1	0.120 F	U	U	U	U	U	U	U	U	
1,4-dichlorobenzene	3	0.5	0.69	U	0.310 F	U	U	U	U	U	U	
acetone	50	10	U	U	3.34 F	U	2.29 F	U	U	5.3 J	U	
benzene	1	0.1	0.120 F	U	0.690	U	U	U	U	U	U	
chlorobenzene	5	0.5	U	U	1.05	U	U	NA	NA	U	0.17 J	
dichlorodifluoromethane	5**	1	U	U	U	U	U	U	U	U	U	
methylene chloride	5	1	U	U	U	U	U	U	U	U	U	
Naphthalene	10	1	U	U	3.92	U	U	NA	NA	U	U	
toluene	5	1	0.420 F	U	1.31	U	U	U	0.29 J	U	U	
Leachate Indicators (mg/L)												
alkalinity, Total	--	10	400	110	640	44	24 B	150	240	130	190	
ammonia	2	0.2	1.9	0.23	0.022 F	U	0.057 B	0.12	0.063 JB	0.043 J	U	
BOD5	--	2.4	110 J	U	15	U	U	U	2.0 J	U	1.4 J	
bromide	2	0.5	0.20	U	0.075 F	0.015 F	U	U	U	U	U	
COD	--	5	150	U	31	6.0 F	U	U	U	21	5.3 J	
chloride	250	1	8.4	26	4.8	12	7.4 B	3.9	3.6	5.8	4.1	
color	15	5	NA	U	NA	U	U	U	U	U	5	
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	U	0.11 J	
hardness, Total	--	1	36	130	600	56	31 B	140	250	140	140	
nitrate	10	1	0.016 F	0.92	U	0.78	0.24 B	0.094 F	U	0.19 J	U	
TKN	1	1	**11**	0.22	0.57	0.11 F	0.29	0.40 F	0.80 JB	0.58 J	U	
sulfate	250	1	3.8	8.9	1.6	10	6.6 B	3.5 F	3.0 J	4.4 J	3.4 J	
TDS	500	10	130	170	**700**	110	90	160	240	160	210	
TOC	--	1	16	1.1	3.2	1.2	3.2	0.92 F	1.3	2.1	1.2 B	

For notes, please refer to the end of the tables section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF1SW-2	LF1SW-2SMC										
Date of Collection			12/9/2003	4/29/2004	6/29/2004	9/20/2004	12/17/2004	4/1/2005	6/22/2005	9/9/2005	12/20/2005	3/17/2006	9/15/2006	4/3/2007
Sample ID No.			LF1SW0201AA	LF1SW02SMC01BA	LF1SW02SMC01CA	LF1SW02SMC01DA	LF1SW02SMC01EA	LF1SW02SMC01FA	LF1SW02SMC01GA	LF1SW02SMC01HA	LF1SW02SMC01IA	LF1SW02SMC01JA	LF1SW02SMC01LA	LF1SW02SMC01NA
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
VOCs (µg/L)														
1,1-dichloroethane	5	1	U	U	U	U	U	U	U	U	U	U	0.12 F	U
1,2,4-Trimethylbenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	0.27 F	U	U	0.24 F	0.48 F	U	U	U	0.39 F	U
1,4-dichlorobenzene	3	0.5	0.84	0.40 F	1.3	0.27 F	0.94	1.3	2.7	1.4	1.4	1.2	2.61	0.480 F
acetone	50	10	1.3 F	1.6 F	1.7 F	U	1.6 F	2.4 F	2.8 F	U	U	U	3.92 F	U
benzene	1	0.1	0.21 F	U	0.27 F	U	U	0.23 F	0.30 F	U	U	U	0.2 F	U
chlorobenzene	5	0.5	0.79	0.42 F	1.2	0.27 F	0.96	1.2	1.6	0.59	1.1	1.1	1.07	0.380 F
dichlorodifluoromethane	5**	1	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5	1	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5	1	U	U	U	U	U	U	U	U	U	U	U	U
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	110	63	153	59.8	150	217	406	414	318	245	410	150
ammonia	2	0.2	0.24	0.15	0.63	0.11	0.49	0.8	2	**2.1**	1.1	0.67 B	2	0.24
BOD5	--	2.4	U	U	1.5 F	U	U	U	U	U	U	U	3.4	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	0.13 F	0.024 F
COD	--	5	U	U	16.4 J	U	U	U	4 F	6.6 F	3.1 F	U	11	8.3 F
chloride	250	1	9.6	11.7	13.1	9.2	9	7.7	10.2	11.7	7.9	8.2	11	24
color	15	5	**60**	**20**	**40**	**20**	**50**	**100**	NA	NA	NA	**100**	NA	NA
Fluoride	1.5	1	NA	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	124	80	180	200	156	208	388	460	350	219	1,000	170
nitrate	10	1	U	0.76 F	0.74 F	0.68 F	1.1	0.56 F	U	0.03 F	U	0.38 F	0.014 F	1.7
TKN	1	1	U	0.31 B	0.84	0.36	0.56	0.98	**3.1**	**3**	**3.3**	**1.2**	**2.8**	0.34
sulfate	250	1	9.3	8.9	11.7	10	7.6	6.6	4	3	8.1	8.4	4.1	8.5 B
TDS	500	10	167	120	202	100	204	237	452	443	357	266	430	230
TOC	--	1	19.3	U	U	2	1.9	2.4	3.4	3.5	1.9	1.4	3.7	1.2

For notes, please refer to the end of the tables section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF1SW-2SMC									
Date of Collection			9/26/2007	4/2/2008	9/18/2008	4/20/2009	3/31/2010	6/16/2011	6/26/2012	6/11/2013	6/16/2014	
Sample ID No.			LF1SW02SMC01OA	LF1SW02SMC01PA	LF1SW02SMC01QA	LF1SW02SMC01RA	LF1SW02SMC01SA	LF1SW02SMC01TA	LF1SW02SMC01UA	LF1SW02SMC01VA	LF1SW02SMC01VA	
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	
VOCs (µg/L)												
1,1-dichloroethane	5	1	U	U	U	U	U	U	U	U	U	
1,2,4-Trimethylbenzene	5	1	U	U	U	U	U	U	0.19 J	U	U	
1,2-dichlorobenzene	3	1	0.260 F	U	0.480 F	U	U	U	0.55 J	0.98 J	0.31 J	
1,4-dichlorobenzene	3	0.5	2.03	0.490 F	2.89	U	U	U	2.7	0.90 J	1.6	
acetone	50	10	U	U	U	U	U	U		6.7 J	U	
benzene	1	0.1	0.180 F	U	0.240 F	U	U	U	0.42 J	0.26 J	0.21 J	
chlorobenzene	5	0.5	0.930	0.310 F	1.280	U	U	NA	0.34 J	0.66 J	1.1	
dichlorodifluoromethane	5**	1	U	U	U	U	U	U	U	U	U	
methylene chloride	5	1	U	U	U	U	U	U	1.8 J	U	U	
Naphthalene	10	1	U	U	U	U	U	NA	U	0.86 J	U	
toluene	5	1	0.310 F	U	0.120 F	U	U	U	0.34 J	U	U	
Leachate Indicators (mg/L)												
alkalinity, Total	--	10	450	140	450	64	28 B	260	390	210	300	
ammonia	2	0.2	1.8	0.28	1.9	0.074	0.037 BF	0.41	0.62	0.39	0.83	
BOD5	--	2.4	4.7	U	3.0	U	U	2.7	4.3	1.8 J	U	
bromide	2	0.5	0.14	U	0.16	0.018 F	U	U	0.13 J	U	U	
COD	--	5	22	4.1 F	37	10	U	5.3 F	10 J	17 J	9.7 J	
chloride	250	1	13	22	13	11	7.3 B	3.1	7.9	6.6	6.3	
color	15	5	NA	10	NA	10	5	**25**	U	U	5	
Fluoride	1.5	1	NA	NA	NA	NA	NA	0.061 J	0.065 J	0.060 J	0.12 J	
hardness, Total	--	1	400	160	440	74	35 B	270	360	200	540	
nitrate	10	1	0.016 F	0.76	U	0.68	0.23 B	0.053 F	U	0.14 J	0.18 J	
TKN	1	1	**2.1**	0.30	**2.70**	0.15 F	0.37	0.67 F	**1.7 B**	0.81 J	0.35 J	
sulfate	250	1	1.2	8.2	0.89 F	10	6.4 B	1.2 F	0.54 J	3.1 J	2.3 J	
TDS	500	10	460	200	450	120	86	270	400	230	340	
TOC	--	1	4.6	1.7	3.6	1.5	3.4	3.4	2.8	2.7	2.7 B	

For notes, please refer to the end of the tables section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF1SW-3											
Date of Collection			12/9/2003	3/30/2004	6/25/2004	9/17/2004	12/15/2004	4/1/2005	6/22/2005	9/8/2005	12/20/2005	3/14/2006	9/15/2006	4/3/2007
Sample ID No.			LF1SW0301AA	LF1SW0301BA	LF1SW0301CA	LF1SW0301DA	LF1SW0301EA	LF1SW0301FA	LF1SW0301GA	LF1SW0301HA	LF1SW0301IA	LF1SW0301JA	LF1SW0301LA	LF1SW0301NA
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
VOCs (µg/L)														
1,1-dichloroethane	5	1	U	U	U	U	U	U	U	U	U	U	U	U
1,2,4-Trimethylbenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	0.24 F	0.21 F	U	U	U	U	0.64	U	U
acetone	50	10	U	1.5 F	3.1 F	2.2 F	1.8 F	2.2 F	3.4 F	U	U	U	1.15 F	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U
chlorobenzene	5	0.5	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5**	1	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5	1	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	1	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5	1	U	U	U	U	U	U	U	U	U	U	U	U
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	92.5	24.3	111	92.8	93	33.3	258	284	102	67.1	150	48
ammonia	2	0.2	0.072	U	0.16	0.12	0.2	0.13	0.55	0.12	0.26	0.093	0.055	0.044 F
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	0.38 F	0.044 F	0.038 F
COD	--	5	U	11.8	10.2	13.3 B	U	13.5	U	15.9	U	16.4	9.2 F	15 B
chloride	250	1	10.6	8.1	14.3	13.1	10.8	7	9.9	10.8	9.6	10	23	9.3
color	15	5	**25**	NA	NA	NA	NA	**50**	NA	NA	NA	**25**	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	168	U	140	90	100	36	264	318	160	48.9	180 B	56
nitrate	10	1	U	0.62 F	0.47 F	0.81 F	0.45 F	0.15 F	0.36 F	0.82 F	0.17 F	0.19 F	0.14 F	0.25
TKN	1	1	U	0.27	0.53	0.37	0.95	0.44	**1.1**	1	**1.1 B**	0.31	0.2 F	0.18 F
sulfate	250	1	10.7	7.2	10.7	10.6	8.3	5	7.4	9	12	8.6	6.4	6.2 B
TDS	500	10	157	60	174	134	160	56	332	313	154	149	200	89
TOC	--	1	1.8	2.1	1.3	2.4	2.3	4.5	3.4	3.6 B	1.6	2.5	4.4	2.8

For notes, please refer to the end of the tables section.

Table 2-2

Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF1SW-3									
Date of Collection			9/26/2007	4/2/2008	9/18/2008	4/17/2009	3/30/2010	6/16/2011	6/26/2012	6/11/2013	6/12/2014	
Sample ID No.			LF1SW0301OA	LF1SW0301PA	LF1SW0301QA	LF1SW0301RA	LF1SW0301SA	LF1SW0301TA	LF1SW0301UA	LF1SW0301VA	LF1SW0301VA	
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	
VOCs (µg/L)												
1,1-dichloroethane	5	1	U	U	U	U	U	U	U	U	U	
1,2,4-Trimethylbenzene	5	1	U	U	U	U	U	U	U	U	U	
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U	U	U	
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	
acetone	50	10	1.55 F	U	U	1.15 F	1.36 F	U	U	U	3.4 J	
benzene	1	0.1	U	U	U	U	U	U	U	U	U	
chlorobenzene	5	0.5	U	U	U	U	U	NA	U	U	U	
dichlorodifluoromethane	5**	1	U	U	U	U	U	U	U	U	U	
methylene chloride	5	1	0.120 F	U	U	U	U	U	U	U	U	
Naphthalene	10	1	U	U	U	U	U	NA	U	U	U	
toluene	5	1	U	U	U	U	U	U	U	U	U	
Leachate Indicators (mg/L)												
alkalinity, Total	--	10	220	46	240	58	28	170	160	36	130	
ammonia	2	0.2	0.061	0.077	0.2	U	U	0.034 F	0.078 JB	0.044 J	0.14	
BOD5	--	2.4	U	U	U	U	U	U	1.8 J	U	3.0	
bromide	2	0.5	0.043 F	U	0.068 F	0.015 F	U	U	U	U	U	
COD	--	5	8.5 F	4.1 F	8.2 F	10	5.4 F	9.3 F	10 J	40	28	
chloride	250	1	15	9.5	14	11	8.2	5.3	7.0 J	4.0	3.5	
color	15	5	NA	**30**	NA	10	U	**25**	U	U	U	
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	U	0.11 J	
hardness, Total	--	1	190	52	240	64	38	160	150	37	180	
nitrate	10	1	0.14	0.14	0.21	0.39	0.28	0.17 F	0.061 J	U	0.12 J	
TKN	1	1	0.23	0.20	0.47	0.22	0.40 B	0.47 F	0.90 JB	0.59 J	0.38 J	
sulfate	250	1	10	5.8	5.0	9.3	7.3	3.9 F	3.0 J	1.8 J	2.2	
TDS	500	10	280	77	280	U	71	170	190	64	160	
TOC	--	1	3.3	3.3	3.7	2.4	2.8	3.9	4.4	12	6.4	

For notes, please refer to the end of the tables section.

Table 2-3
Landfill 1 MAROS Trend Results

Well ID	Well Type	Number of Samples	Number of Detects	Mann-Kendall Statistic	Mann-Kendall Trend/ % Confidence		Linear Regression Trend/ % Confidence	
1,4-Dichlorobenzene								
LF1MW-11	Source	23	23	-161	D	100	D	100
LF1MW-12	Tail	21	2	44	PI	90.2	S	53
LF1MW-5	Source	23	23	-220	D	100	D	100
LF1P-2	Source	23	23	45	NT	87.6	NT	87
MWSAR03	Tail	23	18	-11	S	60.3	S	60.2
Chlorobenzene								
LF1MW-11	Source	23	23	-186	D	100	D	99.7
LF1MW-12	Tail	20	0	16	ND	68.5	ND	57.1
LF1MW-5	Source	23	23	-155	D	100	D	100
LF1P-2	Source	23	23	-123	D	100	D	100
MWSAR03	Tail	23	6	78	I	98	NT	89.2
Alkalinity [Carbonate (as C03)]								
LF1MW-10	Tail	20	20	95	I	99.9	I	99.2
LF1MW-103	Tail	6	6	4	NT	70.3	NT	66
LF1MW-11	Source	23	23	-37	S	82.7	D	100
LF1MW-12	Tail	21	21	90	I	99.7	I	97.8
LF1MW-13	Tail	21	21	-125	D	100	D	100
LF1MW-14	Tail	17	17	22	NT	80.4	NT	85.8
LF1MW-1R	Tail	5	5	-4	S	75.8	S	83.3
LF1MW-5	Source	23	23	-40	S	84.7	NT	59.4
LF1MW-6	Tail	22	22	64	I	96.3	PI	94
LF1P-2	Source	23	23	-113	D	99.9	D	97.9
LF1P-3	Tail	21	21	13	NT	64	S	72.6
LF1P-5	Tail	21	21	-29	S	79.9	S	79.3
MWSAR03	Tail	23	23	-58	PD	93.4	D	97.5
Hardness [bicarbonate]								
LF1MW-10	Tail	20	20	70	I	98.8	NT	83
LF1MW-103	Tail	7	6	-10	PD	90.7	D	96.9
LF1MW-11	Source	23	23	-7	S	56.2	NT	70.7
LF1MW-12	Tail	21	21	37	NT	86	D	100
LF1MW-13	Tail	21	21	-104	D	99.9	D	99.3
LF1MW-14	Tail	17	17	11	NT	65.7	NT	75.6
LF1MW-1R	Tail	5	5	2	NT	59.2	S	55.5
LF1MW-5	Source	23	23	-40	S	84.7	S	81.1
LF1MW-6	Tail	22	22	12	NT	62.1	I	100
LF1P-2	Source	23	23	-104	D	99.7	S	86.2
LF1P-3	Tail	21	21	-44	PD	90.2	S	89.8
LF1P-5	Tail	21	21	-50	PD	93	S	83.8
MWSAR03	Tail	23	23	-84	D	98.6	D	99.8
Nitrate [nitrogen]								
LF1MW-10	Tail	20	19	39	NT	89	PI	90.9
LF1MW-103	Tail	5	4	-8	D	95.8	D	95.1
LF1MW-11	Source	23	8	-36	NT	82	PD	92.5
LF1MW-12	Tail	20	5	-73	D	99.1	D	95.3
LF1MW-13	Tail	18	5	-11	NT	64.6	NT	86.9
LF1MW-14	Tail	17	15	26	NT	84.6	NT	78.6
LF1MW-1R	Tail	5	2	5	NT	82.1	NT	83.8
LF1MW-5	Source	23	7	80	I	98.2	NT	67.6
LF1MW-6	Tail	22	7	30	NT	79.1	I	100
LF1P-2	Source	22	10	100	I	99.8	I	97.9
LF1P-3	Tail	20	6	77	I	99.4	I	99.1
LF1P-5	Tail	21	11	92	I	99.8	I	99.7
MWSAR03	Tail	22	13	-41	NT	86.9	NT	89.4
Total Organic Carbon								
LF1MW-10	Tail	17	17	-35	PD	91.8	PD	92.8
LF1MW-103	Tail	8	7	-11	S	88.7	S	81.6
LF1MW-11	Source	23	23	-185	D	100	D	100
LF1MW-12	Tail	17	15	3	NT	53.2	D	100
LF1MW-13	Tail	21	21	9	NT	59.5	NT	76.2
LF1MW-14	Tail	15	15	23	NT	85.9	NT	71.5
LF1MW-1R	Tail	5	5	3	NT	67.5	NT	82
LF1MW-5	Source	23	22	-100	D	99.6	D	99.8
LF1MW-6	Tail	18	17	0	S	48.5	I	100
LF1P-2	Source	22	22	-111	D	99.9	D	99.8
LF1P-3	Tail	14	10	-17	S	80.6	S	76.3
LF1P-5	Tail	20	18	-65	D	98.2	D	99.8
MWSAR03	Tail	22	22	-50	PD	91.6	S	78.4

Notes:
D = Decreasing
I = Increasing
NT = No trend
PD = Probably decreasing
PI = Probably increasing
S = Stable
* = One of the variables in the MAROS program is the value assigned to non-detects. This value was set at one half the detection limit, which causes a false positive for the COC's average concentration. Instead of 0 µg/L, the value of one half the detection limit was reported.

Table 2-4
Concentration Ranges for Select Components of Municipal Landfill Leachate[1]

Leachate Indicators	"Typical" Range[2]	Average[2]
Alkalinity	500-100,000	3,600
Ammonia-N	100-400	300
BOD5	1,000-30,000	10,500
Chemical Oxygen Demand	1,000-50,000	15,000
Chloride	100-2,000	980
Hardness	500-10,000	4,200
Nitrate-N	0.1-10.0	4
Nitrogen-TKN	10-500	500
Phosphate	0.5-50	30
Sulfate	10-1,000	380
TDS	1,000-20,000	11,000
Total Organic Carbon	700-10,000	3,500

1 = Lee, G. Fred, and A. R. Jones, Groundwater Pollution by municipal landfills: Leachate Composition, Detection and its Water Quality Significance. Proceedings of the National Water Well Association Fifth National Outdoor Action Conference, Las Vegas, 1991.
2 = units in milligrams per Liter

Table 2-5
LF001 AOC LTM Network

Sampling Locations	Screen Interval Depth (ft MSL)	Sampling Rationale	Target Analytes/ EPA Method Numbers[1]	Matrix	# of Samples	Sampling Frequency	Evaluation Criteria
Groundwater		----------	Anions – SW9056	Water	16[3]	Annually	If downgradient wells do not exhibit exceedances of NYS Groundwater Standards or Base background levels for two successive monitoring events, evaluate monitoring frequency and number of wells. Surface water analytes and frequency will be varied to follow groundwater program.
LF1P-3	494.13' – 489.13'	Downgradient	Nitrogen (TKN) – 351.2				
LF1P-5	479.91' – 474.94'	Downgradient	Ammonia – 350.1				
LF1MW-1R	534.46' – 524.46'	Upgradient	Chemical Oxygen Demand (COD) – 410.4				
LF1MW-13	495.82' – 485.82'	POC well	Biological Oxygen Demand (BOD) – 405.1				
LF1MW-103	32.8' – 22.8'[5]	Bedrock	Total Organic Carbon (TOC) - SW9060				
LF1MW-14	483.91' – 473.91'	Downgradient	Total Dissolved Solids (TDS) – 160.1				
		----------	Alkalinity – 310.2				
			Phenols – SW9066				
			Hardness – 130.2				
			Color – 110.2				
			Boron – SW6010B				
LF1P-2	495.07' – 490.07'	Downgradient	VOCs – SW8260				
LF1MW-5	485.26' – 475.26'	Downgradient	Anions – SW9056				
LF1MW-6	492.36' – 482.36'	Downgradient	Nitrogen (TKN) – 351.2				
LF1MW-10	511.08' – 501.08'	Downgradient	Ammonia – 350.1				
LF1MW-11	494.25' – 484.25'	Downgradient	Chemical Oxygen Demand (COD) – 410.4				
LF1MW-12	483.91' – 473.91'	Downgradient	Biological Oxygen Demand (BOD) – 405.1				
MWSAR03	521.28' – 511.28'	Downgradient	Total Organic Carbon (TOC) - SW9060				
Surface Water (Six Mile Creek)	Depth to groundwater ranged from 0.0 to 27.1 ft bgs.		Total Dissolved Solids (TDS) – 160.1				
LF1SW-1		Potential contaminant receptor	Alkalinity – 310.2				
LF1SW-2SMC		Potential contaminant receptor	Phenols – SW9066				
LF1SW-3		Potential contaminant receptor	Hardness – 130.2				
			Color – 110.2				
			Boron – SW6010B				
Methane All gas monitoring probes and vents	--	In accordance with 6 NYCRR 360-2.17(f)	CGI Methane or %LEL[4]	Gas	20 probes 31 vents	Semiannually	

1 Baseline parameters based on 6 NYCRR Part 360, Subpart 2, Appendix A.

.

Table 3-1

Landfill 2/3 Landfill Gas Monitoring Results

Sample Location	27-Sep-04				5-Nov-04				16-Dec-04				17-Jan-05				17-Feb-05			
	Barometric Pressure (in.) = 29.68				Barometric Pressure (in.) = 29.60				Barometric Pressure (in.) = 29.79				Barometric Pressure (in.) = 29.77				Barometric Pressure (in.) = 29.34			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF2GMP-01	32	1.6	2.4	16.0	---	---	---	---	6	0.3	1.0	13.1	0	0.0	4.1	10.7	0	0.0	6.4	10.5
LF2GMP-02	>100	8.7	4.7	6.3	---	---	---	---	41	2.4	11.3	7.4	6	0.3	10.0	7.4	0	0.0	13.3	5.3
LF2GMP-03	0	0.0	18.7	2.7	---	---	---	---	>100	11.3	0.5	21.5	>100	9.5	0.5	19.9	0	0.0	5.7	12.5
LF2GMP-04	62	3.0	9.4	12.3	---	---	---	---	>100	13.1	0.7	26.9	>100	11.4	0.6	23.1	>100	10.8	3.6	22.0
LF2GMP-05	>100	7.0	5.8	7.6	---	---	---	---	6	0.3	16.2	2.2	0	0.0	18.5	0.9	0	0.0	20.2	0.2
LF2GMP-06	0	0.0	13.9	6.0	---	---	---	---	6	0.3	12.4	7.8	0	0.0	14.1	6.3	0	0.0	18.2	3.0
LF2GMP-07	0	0.0	16.9	4.5	---	---	---	---	6	0.3	17.5	2.9	0	0.0	18.0	1.8	0	0.0	19.1	1.4
LF2GMP-08	NI	NI	NI	NI	0	0.0	20.3	0.5	4	0.2	19.4	0.9	0	0.0	19.8	0.2	0	0.0	19.6	0.8
LF2GMP-09	NI	NI	NI	NI	0	0.0	21.0	0.2	4	0.2	20.1	0.3	0	0.0	20.6	0.2	0	0.0	20.5	0.2
LF2VENT-01	---	---	---	---	---	---	---	---	>100	19.5	5.5	17.5	>100	7.2	9.1	10.0	>100	7.6	7.6	9.6
LF2VENT-02	---	---	---	---	---	---	---	---	54	2.7	18.2	2.3	44	2.2	18.5	1.7	>100	9.8	11.8	9.9
LF2VENT-03	>100	15.2	6.8	13.0	---	---	---	---	>100	44.5	1.5	20.3	>100	28.2	8.9	13.3	>100	25.1	9.1	14.0
LF2VENT-04	>100	10.5	15.0	8.6	---	---	---	---	>100	33.3	0.2	22.8	>100	22.2	5.6	16.1	>100	25.9	2.3	19.5
LF2VENT-05	>100	32.0	0.3	29.4	---	---	---	---	>100	24.6	0.0	25.1	>100	21.3	1.0	21.5	>100	14.7	0.3	21.0
LF2VENT-06	>100	13.7	7.9	15.9	---	---	---	---	>100	8.6	0.7	20.3	54	2.7	5.2	14.7	0	0.0	21.0	0.0
LF2VENT-07	>100	10.0	18.4	5.2	---	---	---	---	>100	11.3	3.7	8.8	>100	6.5	5.8	7.8	16	0.8	11.3	3.5
LF2VENT-08	66	3.2	5.7	12.6	---	---	---	---	4	0.2	3.9	10.0	0	0.0	11.2	5.5	0	0.0	10.1	6.9
LF2VENT-09	---	---	---	---	---	---	---	---	6	0.3	6.8	4.7	0	0.0	18.4	0.5	0	0.0	14.0	3.7
LF2VENT-10	---	---	---	---	---	---	---	---	24	1.2	9.4	5.1	2	0.1	13.0	3.6	0	0.0	15.2	3.9
LF2VENT-11	50	2.5	16.1	5.2	---	---	---	---	>100	8.8	1.2	15.2	>100	7.8	1.4	13.1	48	2.4	6.9	10.7
LF2VENT-12	>100	24.3	0.3	29.1	---	---	---	---	>100	13.1	0.0	21.3	>100	9.1	0.5	12.9	>100	6.0	2.2	16.2
LF2VENT-13	54	3.1	19.9	1.9	---	---	---	---	>100	23.0	4.0	15.9	>100	18.0	6.6	12.9	>100	17.5	6.0	12.7
LF2VENT-14	>100	11.4	16.7	8.0	---	---	---	---	>100	38.1	0.4	26.7	>100	32.5	1.5	20.6	>100	28.5	0.9	22.3

Notes:

NI Not Installed

--- Not monitored

Table 3-1

Landfill 2/3 Landfill Gas Monitoring Results

Sample Location	24-Mar-05				28-Apr-05				26-May-05				23-Jun-05				1-Aug-05			
	Barometric Pressure (in.) = 30.00				Barometric Pressure (in.) = 29.28				Barometric Pressure (in.) = 29.23				Barometric Pressure (in.) = 29.61				Barometric Pressure (in.) = 29.54			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF2GMP-01	0	0.0	18.1	1.2	0	0.0	16.1	2.3	4	0.2	19.3	0.3	0	0.0	9.7	8.3	12	0.6	3.7	16.2
LF2GMP-02	0	0.0	13.1	5.7	6	0.3	10.0	8.1	40	2.0	8.5	9.8	76	3.8	8.7	11.4	>100	5.2	11.2	6.8
LF2GMP-03	0	0.0	14.6	6.3	0	0.0	14.7	5.5	0	0.0	18.8	2.3	0	0.0	19.5	1.1	0	0.0	19.1	1.1
LF2GMP-04	>100	5.9	6.7	17.4	>100	9.1	8.6	17.3	80	4.0	10.2	12.7	16	0.8	10.6	11.5	18	0.9	6.1	14.7
LF2GMP-05	0	0.0	20.6	0.2	0	0.0	18.2	0.5	0	0.0	15.3	1.1	12	0.6	10.3	3.2	>100	9.5	5.5	9.2
LF2GMP-06	0	0.0	18.4	2.4	0	0.0	17.0	3.1	0	0.0	16.7	2.9	0	0.0	15.9	3.5	0	0.0	13.3	6.0
LF2GMP-07	0	0.0	18.6	1.5	0	0.0	18.6	2.2	0	0.0	19.7	1.6	0	0.0	18.0	2.5	0	0.0	18.4	2.6
LF2GMP-08	0	0.0	19.0	1.1	0	0.0	19.8	0.9	0	0.0	20.4	0.5	0	0.0	19.6	0.9	0	0.0	20.1	0.3
LF2GMP-09	0	0.0	20.2	0.4	0	0.0	20.7	0.3	0	0.0	20.7	0.2	0	0.0	20.0	0.3	0	0.0	20.2	0.2
LF2VENT-01	>100	5.2	15.7	3.3	>100	9.0	14.2	5.3	0	0.0	21.2	0.0	0	0.0	18.7	1.1	0	0.0	20.2	0.5
LF2VENT-02	46	2.3	17.8	2.5	16	0.8	20.2	0.5	60	3.0	17.6	3.8	0	0.0	15.8	4.1	0	0.0	20.4	0.1
LF2VENT-03	>100	25.2	8.2	14.4	>100	24.0	11.3	14.2	>100	18.1	7.1	18.9	>100	7.5	8.5	16.5	14	0.7	11.9	13.1
LF2VENT-04	>100	12.5	9.3	10.4	>100	11.0	5.5	15.9	0	0.0	20.8	0.1	2	0.1	8.0	10.6	8	0.4	19.1	1.8
LF2VENT-05	84	4.2	7.1	10.4	66	3.3	21.0	0.0	52	2.6	16.1	6.0	0	0.0	17.7	1.7	8	0.4	20.5	0.1
LF2VENT-06	0	0.0	18.4	2.1	24	1.2	9.1	10.1	0	0.0	21.2	0.0	0	0.0	19.7	0.2	>100	5.1	11.1	11.7
LF2VENT-07	0	0.0	20.3	0.2	16	0.8	13.4	4.2	0	0.0	20.9	0.1	0	0.0	10.2	4.8	0	0.0	18.7	2.8
LF2VENT-08	0	0.0	20.9	0.0	0	0.0	11.6	5.3	0	0.0	21.1	0.0	0	0.0	17.2	1.8	>100	6.5	3.4	17.3
LF2VENT-09	0	0.0	20.8	0.0	0	0.0	17.2	2.7	0	0.0	21.0	0.0	0	0.0	17.9	1.6	0	0.0	16.8	4.7
LF2VENT-10	0	0.0	20.7	0.0	0	0.0	18.5	1.5	0	0.0	21.1	0.0	0	0.0	18.3	1.5	0	0.0	16.5	4.8
LF2VENT-11	0	0.0	20.6	0.1	60	3.0	9.1	8.4	0	0.0	21.1	0.0	0	0.0	18.2	1.4	50	2.5	10.7	10.8
LF2VENT-12	0	0.0	15.5	3.3	>100	8.3	2.6	16.8	0	0.0	21.1	0.0	0	0.0	16.4	1.4	>100	9.6	7.8	15.6
LF2VENT-13	>100	16.8	8.7	10.2	>100	21.1	9.4	12.7	2	0.1	17.8	4.0	0	0.0	15.5	3.1	0	0.0	19.8	0.9
LF2VENT-14	>100	26.5	5.5	19.9	>100	32.5	2.5	24.9	>100	18.3	3.1	23.3	8	0.4	19.0	1.0	86	4.3	17.8	2.8

Notes:

NI Not Installed

--- Not monitored

Table 3-1

Landfill 2/3 Landfill Gas Monitoring Results

Sample Location	29-Aug-05				7-Oct-05				14-Nov-05				28-Nov-05				6-Jan-05			
	Barometric Pressure (in.) = 29.50				Barometric Pressure (in.) = 29.87				Barometric Pressure (in.) = 30.32				Barometric Pressure (in.) = 30.06				Barometric Pressure (in.) = 29.13			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF2GMP-01	10	0.5	15.3	5.7	20	1.0	2.3	14.8	16	0.8	0.7	11.5	12	0.6	0.2	12.1	0	0.0	9.8	5.6
LF2GMP-02	0	0.0	20.5	0.0	>100	9.5	0.3	22.1	>100	5.1	6.4	11.4	>100	7.0	3.4	14.2	20	1.0	2.9	11.3
LF2GMP-03	0	0.0	19.4	1.3	0	0.0	19.4	1.2	0	0.0	17.6	2.2	0	0.0	12.2	3.7	88	4.4	0.0	14.4
LF2GMP-04	0	0.0	6.4	15.1	4	0.2	9.0	9.0	>100	6.2	15.4	4.1	>100	9.2	2.8	20.9	>100	11.9	1.0	25.1
LF2GMP-05	>100	8.9	6.3	12.3	38	1.9	6.7	10.9	0	0.0	12.9	6.5	0	0.0	14.2	5.5	0	0.0	14.0	5.3
LF2GMP-06	0	0.0	13.4	7.1	0	0.0	13.9	6.3	0	0.0	12.9	6.2	0	0.0	12.8	6.6	2	0.1	11.4	7.4
LF2GMP-07	6	0.3	18.5	2.9	0	0.0	17.9	2.5	0	0.0	17.4	2.9	0	0.0	18.1	2.7	0	0.0	19.4	2.4
LF2GMP-08	0	0.0	19.9	0.9	0	0.0	20.1	0.6	0	0.0	19.5	1.0	0	0.0	20.3	0.8	0	0.0	20.7	0.1
LF2GMP-09	0	0.0	20.2	0.3	0	0.0	20.6	0.1	0	0.0	20.2	0.3	0	0.0	20.7	0.2	0	0.0	20.5	0.5
LF2VENT-01	0	0.0	19.4	1.3	0	0.0	19.5	1.0	6	0.3	18.8	1.3	>100	7.5	12.8	6.1	---	---	---	---
LF2VENT-02	0	0.0	19.6	1.1	0	0.0	20.6	0.0	0	0.0	20.2	0.2	>100	11.3	11.9	10.3	---	---	---	---
LF2VENT-03	38	1.9	7.5	19.3	0	0.0	20.6	0.0	0	0.0	19.5	0.4	80	4.0	14.9	1.7	---	---	---	---
LF2VENT-04	2	0.1	8.6	12.2	0	0.0	20.7	0.0	40	2.0	8.7	8.0	18	0.9	15.0	5.3	---	---	---	---
LF2VENT-05	18	0.9	11.3	8.5	>100	26.0	0.4	26.2	>100	5.1	14.7	6.7	>100	25.6	1.0	24.1	---	---	---	---
LF2VENT-06	0	0.0	20.2	0.3	0	0.0	20.5	0.0	0	0.0	20.2	0.3	64	3.2	12.4	8.5	---	---	---	---
LF2VENT-07	0	0.0	15.8	4.5	0	0.0	20.4	0.0	0	0.0	20.6	0.0	0	0.0	21.0	0.0	---	---	---	---
LF2VENT-08	4	0.2	20.6	0.1	>100	6.8	0.3	18.3	0	0.0	20.7	0.0	0	0.0	21.1	0.0	---	---	---	---
LF2VENT-09	2	0.1	19.6	1.8	0	0.0	20.6	0.0	0	0.0	20.6	0.0	0	0.0	21.0	0.0	---	---	---	---
LF2VENT-10	0	0.0	18.7	2.6	0	0.0	19.6	0.6	0	0.0	20.6	0.0	0	0.0	20.6	0.0	---	---	---	---
LF2VENT-11	0	0.0	20.7	0.2	70	3.5	2.6	14.4	0	0.0	19.5	0.7	38	1.9	10.0	7.0	---	---	---	---
LF2VENT-12	6	0.3	17.4	3.5	>100	16.2	1.2	23.0	8	0.4	17.3	2.7	78	3.9	12.8	7.8	---	---	---	---
LF2VENT-13	0	0.0	18.5	2.3	0	0.0	18.9	2.1	0	0.0	19.6	0.3	>100	5.1	9.7	2.8	---	---	---	---
LF2VENT-14	28	1.4	10.2	11.6	30	1.5	19.3	1.7	18	0.9	19.1	0.7	>100	11.5	9.2	8.9	---	---	---	---

Notes:

NI Not Installed

--- Not monitored

Table 3-1

Landfill 2/3 Landfill Gas Monitoring Results

Sample Location	30-Mar-06				20-Apr-06				26-May-06				30-Jun-06				28-Jul-06			
	Barometric Pressure (in.) = 30.22				Barometric Pressure (in.) = 30.02				Barometric Pressure (in.) = 30.06				Barometric Pressure (in.) = 29.96				Barometric Pressure (in.) = 29.24			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF2GMP-01	0	0.0	16.8	2.7	0	0.0	17.2	3.2	0	0.0	13.0	5.3	0	0.0	16.1	3.2	63	3.2	0.6	17.4
LF2GMP-02	0	0.0	3.1	11.9	0	0.0	20.9	0.0	8	0.4	19.9	0.2	>100	10.7	0.3	19.9	0	0.0	21.6	0.0
LF2GMP-03	0	0.0	20.9	0.0	0	0.0	20.9	0.0	0	0.0	20.1	0.0	0	0.0	20.2	0.0	0	0.0	21.6	0.0
LF2GMP-04	10	0.5	12.2	2.8	0	0.0	20.9	0.0	0	0.0	20.1	0.0	0	0.0	20.2	0.0	0	0.0	21.1	0.0
LF2GMP-05	0	0.0	19.0	0.7	0	0.0	20.8	0.0	4	0.2	10.5	2.7	0	0.0	20.0	0.1	>100	14.9	0.2	10.6
LF2GMP-06	0	0.0	16.5	3.3	0	0.0	21.0	0.0	4	0.2	20.1	0.1	0	0.0	20.2	0.0	0	0.0	10.7	7.3
LF2GMP-07	0	0.0	20.0	1.0	0	0.0	20.6	0.5	2	0.1	19.9	0.3	0	0.0	17.8	2.9	0	0.0	18.8	2.1
LF2GMP-08	0	0.0	20.2	0.4	0	0.0	20.4	0.6	4	0.2	19.9	0.3	0	0.0	18.7	1.4	0	0.0	19.9	1.5
LF2GMP-09	0	0.0	20.7	0.2	0	0.0	20.8	0.2	4	0.2	20.0	0.1	0	0.0	19.7	0.6	0	0.0	20.2	0.6
LF2VENT-01	6	0.3	20.2	0.1	0	0.0	20.9	0.0	0	0.0	20.1	0.0	0	0.0	20.2	0.0	0	0.0	21.6	0.0
LF2VENT-02	16	0.8	19.5	1.4	44	2.2	18.8	2.2	6	0.3	20.1	0.1	0	0.0	20.2	0.0	0	0.0	21.6	0.0
LF2VENT-03	0	0.0	20.1	0.1	4	0.2	19.2	0.9	4	0.2	20.0	0.1	0	0.0	20.1	0.1	0	0.0	11.7	7.2
LF2VENT-04	66	3.3	16.2	2.3	32	1.6	14.0	3.7	0	0.0	20.1	0.0	6	0..3	13.8	3.9	3	0.2	18.0	1.9
LF2VENT-05	>100	5.5	11.3	8.0	0	0.0	20.8	0.1	0	0.0	20.1	0.0	0	0.0	19.6	0.8	>100	17.3	0.9	21.1
LF2VENT-06	0	0.0	13.4	6.6	0	0.0	21.0	0.1	2	0.1	20.0	0.0	48	2.4	12.3	6.1	>100	15.4	4.7	17.1
LF2VENT-07	0	0.0	19.9	0.1	0	0.0	20.2	0.2	6	0.3	16.2	2.8	0	0.3	20.0	0.2	0	0.0	3.6	7.9
LF2VENT-08	4	0.2	17.4	1.9	0	0.0	19.4	1.5	0	0.0	20.1	0.0	0	0.0	14.7	2.6	14	0.7	2.4	13.4
LF2VENT-09	0	0.0	18.0	1.1	0	0.0	14.5	3.7	0	0.0	20.2	0.0	0	0.0	9.7	6.6	0	0.0	5.2	11.2
LF2VENT-10	0	0.0	20.1	0.1	0	0.0	18.8	1.0	0	0.0	20.2	0.0	0	0.0	20.3	0.0	0	0.0	4.3	12.1
LF2VENT-11	18	0.9	16.5	2.5	0	0.0	21.0	0.0	0	0.0	20.2	0.0	0	0.0	20.3	0.0	8	0.4	6.0	11.3
LF2VENT-12	36	1.8	5.8	10.1	0	0.0	20.9	0.2	2	0.1	20.2	0.1	22	1.1	14.5	5.1	>100	16.9	1.6	20.3
LF2VENT-13	22	1.1	19.1	0.4	0	0.0	20.9	0.0	0	0.0	20.1	0.0	0	0.0	20.1	0.0	0	0.0	21.6	0.0
LF2VENT-14	>100	6.6	16.1	4.5	>100	10.5	13.8	8.5	>100	15.6	6.6	17.9	>100	8.5	14.5	5.6	>100	20.8	1.1	21.2

Notes:

NI Not Installed

--- Not monitored

Table 3-1

Landfill 2/3 Landfill Gas Monitoring Results

Sample Location	18-Aug-06				29-Sep-06				4-Jan-07				31-May-07				30-Jul-07			
	Barometric Pressure (in.) = 30.18				Barometric Pressure (in.) = 29.83				Barometric Pressure (in.) = 29.40				Barometric Pressure (in.) = 29.43				Barometric Pressure (in.) = 29.49			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF2GMP-01	0	0.0	16.3	3.1	0	0.0	20.3	0.1	0	0.0	20.7	0.1	32	1.6	17.6	1.9	0	0.0	20.2	0.4
LF2GMP-02	>100	12.1	0.0	22.4	>100	11.2	21.7	1.5	2	0.1	4.5	11.4	32	1.6	0.4	9.6	>100	5.4	6.5	15.0
LF2GMP-03	0	0.0	20.1	0.0	0	0.0	20.1	0.0	0	0.0	20.2	0.3	0	0.0	19.9	0.0	0	0.0	20.6	0.1
LF2GMP-04	0	0.0	20.2	0.0	0	0.0	17.8	0.0	5	0.3	19.8	0.9	0	0.0	19.9	0.0	0	0.0	20.7	0.0
LF2GMP-05	>100	13.1	0.0	11.4	0	0.0	18.0	0.0	0	0.0	18.8	1.3	0	0.0	11.4	1.5	>100	7.7	3.5	7.7
LF2GMP-06	0	0.0	20.2	0.0	0	0.0	20.3	0.0	0	0.0	12.2	6.3	0	0.0	21.2	0.0	0	0.0	20.7	0.1
LF2GMP-07	0	0.0	19.8	0.3	0	0.0	17.3	1.6	0	0.0	20.7	0.4	0	0.0	21.0	0.0	0	0.0	20.9	0.2
LF2GMP-08	0	0.0	19.7	0.1	0	0.0	17.5	0.0	0	0.0	20.2	0.7	0	0.0	21.1	0.0	0	0.0	20.6	0.4
LF2GMP-09	0	0.0	20.2	0.0	0	0.0	19.8	0.4	1	0.1	20.7	0.2	0	0.0	20.4	0.0	0	0.0	20.6	0.2
LF2VENT-01	0	0.0	19.6	0.7	0	0.0	17.6	0.2	>100	5.7	15.8	2.9	30	1.5	19.6	0.1	0	0.0	20.4	0.2
LF2VENT-02	0	0.0	20.3	0.0	2	0.1	17.7	0.1	8	0.4	20.4	0.4	0	0.0	19.9	0.0	0	0.0	20.5	0.1
LF2VENT-03	0	0.0	20.1	0.0	0	0.0	20.0	0.0	0	0.0	20.7	0.1	1	0.1	18.4	1.2	0	0.0	20.5	0.2
LF2VENT-04	0	0.0	19.9	0.0	26	1.3	18.6	0.8	>100	5.5	15.9	2.7	3	0.2	17.3	2.1	0	0.0	19.9	0.8
LF2VENT-05	0	0.0	20.3	0.0	0	0.0	19.3	0.0	>100	28.5	0.2	23.0	0	0.0	20.2	0.0	16	0.8	13.0	5.0
LF2VENT-06	0	0.0	20.2	0.0	28	1.4	18.7	1.8	>100	12.6	6.6	15.1	0	0.0	20.1	1.2	0	0.0	20.0	0.4
LF2VENT-07	0	0.0	20.1	0.2	0	0.0	17.6	0.4	14	0.7	18.6	0.5	1	0.1	18.1	2.8	0	0.0	19.1	1.0
LF2VENT-08	0	0.0	12.9	6.3	0	0.0	17.6	0.0	0	0.0	18.1	1.4	0	0.0	16.1	4.8	0	0.0	20.8	0.2
LF2VENT-09	0	0.0	19.2	0.8	0	0.0	20.3	0.0	13	0.7	10.8	3.3	0	0.0	20.5	0.4	0	0.0	16.3	3.6
LF2VENT-10	0	0.0	20.3	0.0	0	0.0	20.1	0.1	0	0.0	20.2	0.4	0	0.0	19.6	1.2	0	0.0	20.2	0.3
LF2VENT-11	0	0.0	18.0	2.5	0	0.0	20.4	0.0	47	2.4	17.0	2.6	0	0.0	19.7	1.5	0	0.0	17.5	2.0
LF2VENT-12	0	0.0	19.5	0.8	10	0.5	17.3	1.3	>100	7.8	11.3	9.4	0	0.0	19.6	2.0	0	0.0	20.1	0.7
LF2VENT-13	0	0.0	18.8	1.1	0	0.0	18.0	0.0	70	3.5	16.8	1.0	0	0.0	21.0	0.2	0	0.0	20.0	0.9
LF2VENT-14	>100	5.3	11.5	10.1	6	0.3	19.4	0.1	>100	5.7	18.7	3.4	>100	6.3	13.5	8.3	96	4.8	7.7	10.1

Notes:

NI Not Installed

--- Not monitored

Table 3-1

Landfill 2/3 Landfill Gas Monitoring Results

Sample Location	6-Oct-07				23-Jan-08				17-Apr-08				16-Jul-08				17-Nov-08			
	Barometric Pressure (in.) = 30.15				Barometric Pressure (in.) = 29.42-29.48				Barometric Pressure (in.) = 30.01-30.02				Barometric Pressure (in.) = NA				Barometric Pressure (in.) = 29.64			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF2GMP-01	0	0.0	20.6	0.0	0	0.0	20.2	0.5	0	0.0	20.7	0.1	0	0.0	11.4	5.5	0	0.0	20.7	0.2
LF2GMP-02	8	0.4	20.2	0.5	0	0.0	10.2	6.7	0	0.0	5.4	8.3	>100	9.5	0.0	19.3	0	0.0	21.0	0.1
LF2GMP-03	0	0.0	20.6	0.0	36	1.8	14.1	5.4	2	0.1	20.4	0.5	0	0.0	20.2	0.1	0	0.0	15.2	3.3
LF2GMP-04	0	0.0	20.6	0.0	1	0.1	19.7	0.8	4	0.2	20.6	0.1	0	0.0	20.5	0.0	0	0.0	20.0	1.1
LF2GMP-05	0	0.0	20.6	0.0	0	0.0	18.9	0.3	2	0.1	19.2	0.3	>100	6.9	0.4	7.8	0	0.0	17.8	2.2
LF2GMP-06	0	0.0	20.6	0.0	0	0.0	9.7	7.8	2	0.1	13.6	3.5	0	0.0	20.3	0.2	0	0.0	14.6	5.2
LF2GMP-07	0	0.0	20.6	0.0	0	0.0	19.9	1.0	6	0.3	20.1	0.3	0	0.0	19.6	1.0	0	0.0	20.2	1.3
LF2GMP-08	0	0.0	20.6	0.1	0	0.0	20.4	0.5	0	0.0	20.6	0.1	0	0.0	20.6	0.3	0	0.0	20.4	1.2
LF2GMP-09	0	0.0	20.6	0.0	0	0.0	20.6	0.3	2	0.1	20.8	0.2	0	0.0	20.5	0.3	0	0.0	21.2	0.4
LF2VENT-01	0	0.0	20.5	0.1	21	1.1	19.2	0.7	0	0.0	21.0	0.1	0	0.0	20.2	0.3	44	2.2	17.9	1.6
LF2VENT-02	0	0.0	20.6	0.0	28	1.5	19.7	1.7	8	0.4	20.7	0.2	0	0.0	20.7	0.1	6	0.3	21.4	0.3
LF2VENT-03	2	0.0	20.5	0.1	7	0.4	20.4	0.3	2	0.1	20.9	0.1	0	0.0	20.7	0.1	19	0.9	20.3	0.6
LF2VENT-04	4	0.1	20.3	0.3	1	0.1	20.2	0.7	8	4.0	19.3	0.5	2	0.1	20.0	0.3	51	3.1	16.6	2.7
LF2VENT-05	0	0.2	20.6	0.0	>100	23.6	2.3	20.8	>100	12.6	8.6	10.9	>100	6.8	4.2	11.7	>100	10.2	14.3	7.1
LF2VENT-06	0	0.0	20.6	0.0	>100	8.5	10.6	11.3	30	1.5	17.1	2.0	0	0.0	19.7	0.5	>100	26.1	1.2	22.3
LF2VENT-07	0	0.0	19.3	0.8	0	0.0	18.7	0.4	4	0.2	20.0	0.1	0	0.0	20.3	0.2	0	0.0	21.6	0.1
LF2VENT-08	0	0.0	16.5	3.2	45	2.3	13.2	4.4	26	1.3	14.4	2.3	0	0.0	19.5	0.6	2	0.1	20.2	0.9
LF2VENT-09	0	0.0	19.9	0.5	0	0.0	17.7	1.8	8	0.4	13.6	1.2	0	0.0	20.2	0.2	5	0.2	16.1	2.3
LF2VENT-10	0	0.0	20.2	0.3	0	0.0	19.5	0.9	6	0.3	20.1	0.0	0	0.0	20.8	0.1	2	0.1	20.6	0.7
LF2VENT-11	0	0.0	16.9	3.0	31	1.6	16.7	2.5	4	0.2	20.3	0.2	0	0.0	20.8	0.1	2	0.1	18.4	0.8
LF2VENT-12	0	0.0	18.4	2.3	>100	5.0	12.3	7.6	12	0.6	19.8	0.5	0	0.0	19.3	0.6	>100	5.0	15.0	6.0
LF2VENT-13	0	0.0	19.5	1.1	11	0.6	19.6	0.6	6	0.3	20.8	0.0	0	0.0	20.2	0.2	43	2.1	17.1	1.2
LF2VENT-14	2	0.1	20.3	0.2	32	1.6	18.9	1.3	22	1.1	19.2	0.5	0	0.0	20.3	0.2	6	0.3	19.7	1.0

Notes:

NI Not Installed

--- Not monitored

Table 3-1

Landfill 2/3 Landfill Gas Monitoring Results

Sample Location	15-Jan-09				28-Apr-09				10-Jul-09				21-Oct-09				3-Feb-10			
	Barometric Pressure (in.) = 28.98-29.62				Barometric Pressure (in.) = 29.41-29.51				Barometric Pressure (in.) = 29.52-29.6				Barometric Pressure (in.) = 29.56-29.5				Barometric Pressure (in.) = 29.34			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF2GMP-01	0	0.0	20.7	0.1	0	0.0	19.7	0.7	0	0.0	16.9	2.4	0	0.0	21.0	0.0	0	0.0	21.1	0.1
LF2GMP-02	0	0.0	19.7	0.1	12	0.6	0.6	11.1	>100	9.7	0.0	17.5	>100	8.8	0.0	20.9	0	0.0	21.5	0.0
LF2GMP-03	0	0.0	21.4	0.3	0	0.0	21.1	0.0	0	0.0	20.0	0.0	0	0.0	19.3	1.1	3	0.1	21.1	0.4
LF2GMP-04	3	0.2	21.5	0.5	0	0.0	21.2	0.0	0	0.0	20.5	0.0	0	0.0	20.2	0.4	14	0.7	19.1	1.9
LF2GMP-05	0	0.0	20.9	0.2	0	0.0	17.8	0.5	64	3.2	0.1	6.3	0	0.0	0.4	12.9	0	0.0	22.0	0.1
LF2GMP-06	2	0.1	20.3	0.4	0	0.0	10.8	5.0	0	0.0	19.1	0.6	0	0.0	20.7	0.1	0	0.0	10.3	6.9
LF2GMP-07	0	0.0	20.1	0.4	0	0.0	20.0	0.5	0	0.0	19.9	0.1	0	0.0	20.6	0.2	0	0.0	21.3	1.2
LF2GMP-08	0	0.0	20.4	0.7	0	0.0	20.2	0.3	0	0.0	20.3	0.1	0	0.0	20.3	0.5	0	0.0	21.8	0.4
LF2GMP-09	0	0.0	20.5	0.4	0	0.0	20.8	0.0	0	0.0	20.4	0.1	0	0.0	20.4	0.3	0	0.0	21.9	0.3
LF2VENT-01	8	0.5	20.2	0.8	19	0.9	18.8	0.7	0	0.0	19.9	0.0	0	0.0	19.6	0.6	34	1.7	19.9	0.9
LF2VENT-02	1	0.1	21.7	0.2	0	0.0	20.8	0.0	0	0.0	19.8	0.0	4	0.2	20.7	0.1	0	0.0	21.9	0.2
LF2VENT-03	17	0.8	21.0	0.5	0	0.0	20.8	0.0	0	0.0	20.0	0.0	0	0	20.8	0.1	55	2.8	19.9	1.0
LF2VENT-04	2	0.1	19.5	1.8	0	0.0	20.6	0.0	0	0.0	20.1	0.0	>100	6.1	16.4	2.5	11	0.5	19.4	1.7
LF2VENT-05	21	1.1	19.9	1.1	0	0.0	20.4	0.0	0	0.0	20.3	0.0	>100	13.1	10.8	8.6	11	0.6	21.6	0.5
LF2VENT-06	67	3.4	17.0	3.0	0	0.0	20.2	0.0	8	0.4	18.2	0.8	>100	29.2	0.0	23.0	>100	6.8	14.7	6.8
LF2VENT-07	0	0.0	20.1	0.1	0	0.0	20.8	0.0	0	0.0	20.5	0.0	7	0.3	18.6	0.5	0	0.0	22.0	0.1
LF2VENT-08	4	0.2	17.5	1.5	0	0.0	21.0	0.0	0	0.0	20.3	0.0	0	0	21.0	0.0	0	0.0	22.1	0.1
LF2VENT-09	0	0.0	17.3	1.4	0	0.0	19.2	0.4	0	0.0	20.2	0.0	0	0	21.0	0.0	0	0.0	22.1	0.1
LF2VENT-10	0	0.0	19.6	0.6	0	0.0	21.2	0.0	0	0.0	20.2	0.0	0	0	20.9	0.0	0	0.0	22.0	0.1
LF2VENT-11	10	0.5	17.8	1.3	0	0.0	20.9	0.0	0	0.0	20.1	0.0	0	0	20.9	0.1	2	0.1	21.5	0.3
LF2VENT-12	66	3.2	13.6	4.6	0	0.0	20.9	0.0	0	0.0	20.2	0.0	0	0	21.0	0.1	4	0.2	21.3	0.4
LF2VENT-13	9	0.5	19.0	0.4	0	0.0	20.8	0.0	0	0.0	19.9	0.0	4	0.2	19.8	0.4	9	0.4	21.0	0.4
LF2VENT-14	40	2.0	18.8	0.7	0	0.0	20.8	0.0	0	0.0	20.4	0.0	14	0.5	17.9	1.0	92	4.6	16.4	1.7

Notes:

NI Not Installed

--- Not monitored

Table 3-1

Landfill 2/3 Landfill Gas Monitoring Results

Sample Location	6-May-10				26-Oct-10				13-May-11				19-Oct-11				9-May-12			
	Barometric Pressure (in.) = 29.05-29.06				Barometric Pressure (in.) = 29.24				Barometric Pressure (in.) = 29.21				Barometric Pressure (in.) = 29.11-29.14				Barometric Pressure (in.) = 28.89-28.95			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF2GMP-01	0	0.0	16.9	2.2	0	0.0	18.5	1.6	0	0.0	20.2	0.5	0	0.0	16.3	2.8	0	0.0	21.7	0.0
LF2GMP-02	>100	5.4	1.0	16.3	0	0.0	15.8	4.8	4	0.2	18.4	1.4	>100	7.6	4.6	16.6	0	0.0	22.0	0.0
LF2GMP-03	0	0.0	21.0	0.0	0	0.0	17.4	2.5	0	0.0	19.5	1.3	0	0.0	19.0	2.3	0	0.0	22.0	0.0
LF2GMP-04	0	0.0	21.0	0.0	0	0.0	18.1	1.8	0	0.0	20.6	0.0	0	0.0	21.2	0.2	31	1.6	20.8	0.4
LF2GMP-05	0	0.0	21.0	0.0	0	0.0	18.4	1.5	0	0.0	11.7	2.1	>100	7.6	0.5	12.3	9	0.4	21.4	0.2
LF2GMP-06	0	0.0	21.3	0.0	3	0.2	17.4	2.2	0	0.0	8.8	5.3	0	0.0	6.2	10.2	>100	12.9	10.8	9.4
LF2GMP-07	0	0.0	20.9	0.5	5	0.3	18.1	2.3	0	0.0	18.7	1.5	0	0.0	19.2	2.9	0	0.0	21.5	0.1
LF2GMP-08	0	0.0	20.5	0.6	0	0.0	18.4	1.8	0	0.0	19.9	0.8	0	0.0	21.1	0.9	32	1.9	18.1	1.2
LF2GMP-09	0	0.0	21.0	0.3	0	0.0	18.9	1.3	0	0.0	20.3	0.3	0	0.0	21.8	0.0	0	0.0	22.3	0.1
LF2VENT-01	43	2.1	18.4	1.1	0	0.0	19.5	0.6	51	2.5	17.0	1.1	33	1.6	18.8	1.4	0	0.0	22.1	0.0
LF2VENT-02	0	0.0	21.0	0.0	0	0.0	19.4	0.6	2	0.1	20.0	0.0	0	0.0	21.9	0.0	0	0.0	22.3	0.1
LF2VENT-03	7	0.3	20.4	0.3	0	0.0	19.4	0.7	16	0.7	19.1	0.4	0	0.0	21.8	0.0	0	0.0	22.6	0.1
LF2VENT-04	41	2.0	14.2	5.2	1	0.0	19.1	0.9	86	5.2	16.6	1.2	60	2.8	17.6	1.9	2	0.1	22.1	0.1
LF2VENT-05	77	3.8	16.7	3.8	0	0.0	19.1	0.9	45	2.6	18.2	1.4	20	1.0	18.8	1.6	0	0.0	22.3	0.1
LF2VENT-06	>100	7.1	12.0	7.9	0	0.0	18.8	1.3	>100	9.5	9.5	8.5	>100	13.2	12.2	9.3	0	0.0	17.1	3.0
LF2VENT-07	2	0.1	17.2	1.1	0	0.0	19.5	0.6	5	0.3	17.7	0.5	0	0.0	22.0	0.0	75	3.6	3.8	14.2
LF2VENT-08	0	0.0	19.0	1.0	6	0.3	19.1	1.1	3	0.1	16.0	1.6	0	0.0	16.3	2.3	0	0.0	21.7	0.1
LF2VENT-09	0	0.0	18.4	1.8	7	0.4	19.4	0.8	3	0.1	12.7	2.1	10	0.5	11.1	4.1	4	0.2	21.5	0.4
LF2VENT-10	0	0.0	20.8	0.1	0	0.0	19.5	0.7	0	0.0	18.2	0.3	0	0.0	20.3	0.4	0	0.0	22.2	0.1
LF2VENT-11	6	0.3	17.5	1.4	0	0.0	19.5	0.7	12	0.6	14.7	1.5	0	0.0	20.0	0.6	0	0.0	22.7	0.0
LF2VENT-12	15	0.7	18.4	1.4	0	0.0	19.5	0.7	76	4.0	14.9	1.0	0	0.0	21.7	0.1	0	0.0	21.0	1.9
LF2VENT-13	36	1.8	18.4	0.9	0	0.0	19.4	0.6	37	1.8	17.3	0.7	13	0.6	19.1	0.9	0	0.0	21.2	1.0
LF2VENT-14	34	1.7	14.5	2.5	0	0.0	19.5	0.6	76	4.0	14.9	1.0	2	0.1	21.4	0.1	0	0.0	22.1	0.4

Notes:

NI Not Installed

--- Not monitored

Table 3-1

Landfill 2/3 Landfill Gas Monitoring Results

Sample Location	4-Oct-12				1-May-13				15-Oct-13				8-May-14				18-Nov-14			
	Barometric Pressure (in.) = 29.43-29.57				Barometric Pressure (in.) = 29.71-29.81				Barometric Pressure (in.) = 29.48-29.65				Barometric Pressure (in.) = 29.48-29.51				Barometric Pressure (in.) = 29.57			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF2GMP-01	0	0.0	17.3	2.4	0	0.0	18.5	1.6	0	0.0	20.3	0.4	0	0.0	20.4	0.3	0	0.0	20.1	1.2
LF2GMP-02	>100	8.4	0.0	21.7	0	0.0	21.0	0.0	>100	10.2	0.2	19.4	17	0.9	1.5	12.6	0	0.0	20.2	0.1
LF2GMP-03	0	0.0	20.8	0.0	0	0.0	20.8	0.0	0	0.0	20.4	0.9	0	0.0	19.4	0.0	0	0.0	18.9	0.6
LF2GMP-04	0	0.0	20.8	0.0	0	0.0	20.8	0.0	0	0.0	20.9	0.3	0	0.0	19.2	0.0	0	0.0	19.5	0.0
LF2GMP-05	63	3.0	3.3	13.9	0	0.0	20.9	0.0	>100	7.6	0.0	10.3	0	0.0	14.9	1.2	12	0.7	16.1	0.9
LF2GMP-06	0	0.0	20.6	0.5	0	0.0	20.7	0.1	0	0.0	8.0	0.9	0	0.0	19.0	0.0	20	1.0	15.0	1.2
LF2GMP-07	0	0.0	19.0	2.3	0	0.0	20.7	0.3	0	0.0	18.9	2.5	0	0.0	19.1	1.2	0	0.0	19.7	0.3
LF2GMP-08	0	0.0	20.6	0.5	0	0.0	20.2	0.6	0	0.0	20.7	0.7	0	0.0	20.1	0.5	0	0.0	19.9	0.0
LF2GMP-09	0	0.0	20.6	0.3	0	0.0	20.7	0.3	0	0.0	21.0	0.4	0	0.0	20.7	0.3	0	0.0	19.9	0.0
LF2VENT-01	0	0.0	20.9	0.0	4	0.2	20.7	0.1	2	0.2	20.8	0.4	7	0.4	19.2	0.1	0	0.0	20.1	0.1
LF2VENT-02	0	0.0	21.0	0.0	0	0.0	20.9	0.0	1	0.1	21.5	0.0	0	0.0	19.5	0.0	0	0.0	20.2	0.0
LF2VENT-03	0	0.0	21.0	0.0	0	0.0	20.9	0.0	0	0.0	21.3	0.0	0	0.0	20.5	0.1	0	0.0	20.1	0.2
LF2VENT-04	4	0.2	18.7	1.1	2	0.1	20.8	0.0	35	1.8	19.8	0.8	0	0.0	20.8	0.1	0	0.0	19.9	0.6
LF2VENT-05	12	0.6	20.3	0.7	3	0.1	20.8	0.0	15	0.8	20.3	0.7	0	0.0	19.3	0.0	0	0.0	19.6	0.0
LF2VENT-06	92	4.6	10.3	10.3	10	0.4	19.4	0.4	>100	15.2	10.9	10.3	0	0.0	11.3	5.9	0	0.1	20.1	0.3
LF2VENT-07	0	0.0	21.0	0.0	2	0.1	20.8	0.0	0	0.0	21.5	0.0	0	0.0	20.5	0.0	6	0.3	18.1	0.6
LF2VENT-08	0	0.0	21.0	0.0	2	0.1	20.4	0.1	0	0.0	21.1	0.1	0	0.0	20.9	0.0	0	0.0	18.9	0.0
LF2VENT-09	0	0.0	21.0	0.0	0	0.0	19.3	0.4	0	0.0	18.8	1.4	0	0.0	12.7	1.9	0	0.0	19.5	0.0
LF2VENT-10	0	0.0	21.0	0.0	0	0.0	20.6	0.0	0	0.0	21.2	0.2	0	0.0	20.5	0.1	0	0.0	19.5	0.0
LF2VENT-11	0	0.0	21.0	0.0	0	0.0	20.7	0.0	0	0.0	19.6	0.7	0	0.0	20.2	0.0	0	0.0	20.1	0.0
LF2VENT-12	2	0.1	20.0	0.2	0	0.0	20.7	0.0	5	0.3	18.8	1.4	0	0.0	20.6	0.0	0	0.0	19.7	0.1
LF2VENT-13	0	0.0	21.0	0.0	0	0.0	20.9	0.0	5	0.3	20.4	0.3	2	0.1	19.4	0.0	18	0.8	14.2	2.4
LF2VENT-14	0	0.0	20.9	0.0	0	0.0	20.8	0.0	86	4.3	15.7	1.8	0	0.0	20.5	0.0	12	0.5	15.1	1.7

Notes:

NI Not Installed

--- Not monitored

Table 3-2
Landfill 2/3 AOC LTM Network

Sampling Locations	Screen Interval Depth (ft MSL)	Sampling Rationale	Target Analytes/ Method Numbers[1]	Matrix	# of Samples	Sampling Frequency	Evaluation Criteria
Groundwater		----------	Landfill Leachate Indicators:	Water	9	Biennially	If downgradient wells do not exhibit exceedances of NYS Groundwater Standards or Base background levels for two successive monitoring events, evaluate monitoring frequency and number of wells.
LF2MW2-1	516.28' – 506.28'	Downgradient from potential source	Anions – SW9056				
LF2MW-4	526.17' – 516.19'	Downgradient from potential source	Nitrogen (TKN) – 351.2				
LF2MW-12	521.5'– 511.5'	Downgradient from potential source	Ammonia – 350.1				
LF2MW-13	519.98' – 509.98'	Downgradient from potential source	COD – 410.4				
LF2MW-14	531.35' – 521.35'	Upgradient from potential source	BOD – 405.1				
LF2MW-100	475.2'– 465.2'	Downgradient from potential source	TOC – SW9060				
			TDS – 160.1				
Surface Water	Depth to groundwater ranged from 3.12 to 29.79 ft bgs.		Alkalinity – 310.2				
LF2SW-1		Potential contaminant receptor	Phenols – SW9066				
LF2SW-2		Potential contaminant receptor	Hardness – 130.2				
LF2SW-3		Potential contaminant receptor	Color – 110.2				
			Boron – SW6010B				
Gas Sampling Gas monitoring probes/vents		In accordance with 6 NYCRR 360-2.17(f)	Methane (FID/CGI)	Gas	9 probes 14 vents	Annual	

[1] Baseline parameters based on 6 NYCRR Part 360, Subpart 2, Appendix A.

Table 4-1
Landfill 7 AOC LTM Network

Sampling Locations	Screen Interval Depth (ft MSL)	Sampling Rationale	Target Analytes/ Method Numbers[1]	Matrix	# of Samples	Sampling Frequency	Evaluation Criteria
Groundwater		----------	Landfill Leachate Indicators:	Water	10	Biennially	If downgradient wells do not exhibit exceedances of NYS Groundwater Standards or Base background levels for two successive monitoring events, evaluate monitoring frequency and number of wells.
LF7MW-22	479.12' – 474.19'	Downgradient from source, within plume	Anions – SW9056				
			Nitrogen (TKN) – 351.2				
LF7MW-23	482.03' – 472.01'	Downgradient from source, cross-gradient from plume	Ammonia – 350.2				
			COD – 410.4				
LF7MW-26	495.53' – 485.53'	Downgradient from source, within plume	BOD – 405.1				
			TOC – SW9060				
LF7MW-27	500.91' – 490.91'	Downgradient from source	TDS – 160.1				
LF7MW-28	484.31' – 474.31'	POC well	Alkalinity – 310.1				
LF7MW-29	514.56' – 504.56'	Upgradient from source	Phenols – SW9066				
LF7MW-30	494.67' – 484.67'	Downgradient from source	Hardness – 130.2				
LF7MW-100	470.57' – 460.57'	Downgradient from source, within plume, Bedrock well	Color – 110.2				
			Boron – SW6010B				
	----------	----------					
Surface Water	Depth to groundwater ranged from less than						
LF7WL-3		Potential contaminant receptor					
LF7WL-4	1 ft to 17.71 ft bgs.	Potential contaminant receptor					

1 Baseline parameters based on 6 NYCRR Part 360, Subpart 2, Appendix A.

Table 5-1
Landfill 5 AOC LTM Network

Sampling Locations	Screen Interval Depth (ft MSL)	Sampling Rationale	Target Analytes/ Method Numbers[1]	Matrix	# of Samples	Sampling Frequency	Evaluation Criteria
Groundwater		----------	Landfill Leachate Indicators:	Water	8	Biennially	If downgradient wells do not exhibit exceedances of NYS Groundwater Standards or Base background levels for two successive monitoring events, evaluate monitoring frequency and number of wells.
LF5MW-3	459.25' – 449.25'	Downgradient of potential source and between landfill and hardfill	Anions – SW9056 Nitrogen (TKN) – 351.2 Ammonia – 350.2 COD – 410.4 BOD – 405.1 TOC – SW9060 TDS – 160.1 Alkalinity – 310.1 Phenols – SW9066 Hardness – 130.2 Color – 110.2 Boron – SW6010B				
MW49D07	455.51' – 445.51'	Downgradient from potential source					
LF5MW-5	459.49' – 449.49'	Downgradient from potential source					
LF5MW-100	405.92' – 395.92'	Bedrock, downgradient					
LF5MW-1A	465.6' – 455.6'	Upgradient from potential					
Leachate Samples		None encountered					
	----------	----------					
Surface Water	Depth to groundwater ranged from 4.90 to 21.80 ft bgs.						
LF5SW-1		Potential contaminant receptor					
LF5SW-2		Potential contaminant receptor					
LF5SW-3		Potential contaminant receptor					

1 Baseline parameters based on 6 NYCRR Part 360, Subpart 2, Appendix A.

Table 6-1
Landfill 6 Landfill Gas Monitoring Results

Sample Location	21-Dec-04				17-Jan-05				17-Feb-05				24-Mar-05				26-Apr-05			
	Barometric Pressure (in.) =			29.39	Barometric Pressure (in.) =			29.77	Barometric Pressure (in.) =			29.34	Barometric Pressure (in.) =			30.00	Barometric Pressure (in.) =			29.28
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF6GMP-01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6GMP-02	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	---	---	---	---	0	0.0	19.6	0.4
LF6GMP-03	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	20.5	0.1	0	0.0	20.8	0.0	0	0.0	20.7	0.0
LF6GMP-04	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	20.3	0.1	0	0.0	20.2	0.3	0	0.0	20.4	0.0
LF6GMP-05	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	19.7	0.6	0	0.0	20.8	0.0	0	0.0	20.4	0.1
LF6GMP-06	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	19.5	0.5	0	0.0	19.1	0.5	0	0.0	19.6	0.5
LF6GMP-07	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	20.7	0.0	0	0.0	16.6	2.7	0	0.0	15.9	3.6
LF6GMP-08	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	---	---	---	---	4	0.2	11.3	8.1
LF6GMP-09	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6GMP-10	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	---	---	---	---	0	0.0	20.4	0.1
LF6GMP-11	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	---	---	---	---	0	0.0	19.1	1.0
LF6GMP-12	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	---	---	---	---	0	0.0	16.7	3.5
LF6GMP-13	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	---	---	---	---	0	0.0	19.6	0.6
LF6GMP-14	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6GMP-15S	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	20.7	0.0	0	0.0	20.9	0.0	0	0.0	20.7	0.0
LF6GMP-15D	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	20.8	0.0	0	0.0	20.9	0.0	0	0.0	20.6	0.0
LF6GMP-16S	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	20.6	0.0	0	0.0	20.8	0.0	0	0.0	20.5	0.0
LF6GMP-16D	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	20.1	0.2	0	0.0	20.9	0.0	0	0.0	20.7	0.0
LF6GMP-17S	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	20.6	0.0	0	0.0	21.0	0.0	0	0.0	20.6	0.0
LF6GMP-17D	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	20.5	0.0	0	0.0	21.1	0.0	0	0.0	20.7	0.0
LF6VENT-01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6VENT-02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6VENT-03	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6VENT-04	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6VENT-05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6VENT-06	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6VENT-07	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6VENT-08	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6VENT-09	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6VENT-10	0	0.0	20.9	0.0	0	0.0	20.5	0.1	---	---	---	---	---	---	---	---	0	0.0	20.2	0.2
LF6VENT-11	0	0.0	18.2	1.8	0	0.0	17.4	2.1	---	---	---	---	---	---	---	---	0	0.0	18.7	0.9
LF6VENT-12	0	0.0	19.6	0.8	0	0.0	16.1	1.4	---	---	---	---	---	---	---	---	0	0.0	18.9	1.2
LF6VENT-13	0	0.0	20.6	0.3	0	0.0	14.7	3.4	---	---	---	---	---	---	---	---	0	0.0	17.6	1.0
LF6VENT-14	4	0.2	21.4	0.0	0	0.0	18.7	0.8	---	---	---	---	---	---	---	---	0	0.0	18.5	1.1
LF6VENT-15	2	0.1	21.4	0.0	0	0.0	17.6	0.9	---	---	---	---	---	---	---	---	0	0.0	17.6	1.4
LF6VENT-16	4	0.2	21.5	0.0	0	0.0	17.4	1.7	---	---	---	---	---	---	---	---	0	0.0	15.5	2.7

Notes:
NI = Not Installed.
NS = Not Sampled.
--- = Not Monitored.

Table 6-1
Landfill 6 Landfill Gas Monitoring Results

Sample Location	26-May-05				24-Jun-05				2-Aug-05				30-Aug-05				10-Oct-05			
	Barometric Pressure (in.) =			29.23	Barometric Pressure (in.) =			29.61	Barometric Pressure (in.) =			29.55	Barometric Pressure (in.) =			29.38	Barometric Pressure (in.) =			29.55
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF6GMP-01	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	0	0.0	15.1	1.0
LF6GMP-02	0	0.0	18.0	1.8	0	0.0	49.1	0.6	---	---	---	---	0	0.0	15.1	4.2	2	0.1	20.7	0.0
LF6GMP-03	0	0.0	20.7	0.1	0	0.0	20.2	0.1	---	---	---	---	0	0.0	18.4	1.0	0	0.0	20.7	0.0
LF6GMP-04	0	0.0	19.6	0.9	0	0.0	19.3	0.6	---	---	---	---	0	0.0	17.4	2.4	0	0.0	20.5	0.1
LF6GMP-05	2	0.1	20.3	0.5	0	0.0	19.6	0.5	---	---	---	---	0	0.0	18.8	1.6	0	0.0	20.4	0.1
LF6GMP-06	2	0.1	19.9	0.5	0	0.0	19.3	0.6	---	---	---	---	0	0.0	19.1	1.5	0	0.0	19.1	1.2
LF6GMP-07	0	0.0	20.9	0.1	0	0.0	19.4	0.7	---	---	---	---	0	0.0	14.4	5.9	0	0.0	20.8	0.0
LF6GMP-08	6	0.3	13.6	7.5	42	2.1	6.4	18.6	---	---	---	---	98	4.9	2.8	28.5	94	4.7	5.7	17.5
LF6GMP-09	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	2	0.1	18.7	0.5
LF6GMP-10	2	0.1	20.9	0.0	0	0.0	18.9	1.6	---	---	---	---	0	0.0	18.5	2.3	2	0.1	18.5	2.1
LF6GMP-11	2	0.1	18.8	2.1	0	0.0	18.1	2.5	---	---	---	---	0	0.0	15.9	5.2	2	0.1	20.6	0.1
LF6GMP-12	0	0.0	14.1	6.7	0	0.0	17.6	3.7	---	---	---	---	0	0.0	15.3	4.3	0	0.0	17.4	2.7
LF6GMP-13	2	0.1	19.8	0.9	0	0.0	18.3	1.9	---	---	---	---	0	0.0	16.9	3.5	2	0.1	16.6	3.7
LF6GMP-14	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6GMP-15S	0	0.0	20.8	0.0	0	0.0	20.7	0.0	0	0.0	20.6	0.0	0	0.0	20.3	0.3	0	0.0	20.6	0.0
LF6GMP-15D	0	0.0	21.0	0.0	0	0.0	20.6	0.0	0	0.0	20.5	0.0	0	0.0	20.6	0.1	0	0.0	20.7	0.0
LF6GMP-16S	0	0.0	20.6	0.0	0	0.0	20.2	0.2	0	0.0	20.1	0.2	0	0.0	20.0	0.4	0	0.0	20.2	0.2
LF6GMP-16D	0	0.0	20.3	0.2	0	0.0	20.7	0.0	0	0.0	20.6	0.0	0	0.0	20.0	0.4	0	0.0	20.2	0.2
LF6GMP-17S	0	0.0	20.7	0.1	0	0.0	20.3	0.1	0	0.0	20.3	0.1	0	0.0	20.3	0.3	0	0.0	20.2	0.2
LF6GMP-17D	0	0.0	20.8	0.0	0	0.0	20.6	0.0	0	0.0	20.4	0.0	0	0.0	20.4	0.2	0	0.0	20.2	0.1
LF6VENT-01	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	14	0.7	5.1	2.2	0	0.0	19.5	0.2
LF6VENT-02	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	>100	9.6	2.5	0.0	0	0.0	20.7	0.0
LF6VENT-03	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	>100	23.8	0.0	15.2	0	0.0	20.4	0.4
LF6VENT-04	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	>100	8.5	10.7	3.7	>100	14.5	4.9	9.4
LF6VENT-05	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	>100	7.4	0.4	19.8	0	0.0	16.2	2.8
LF6VENT-06	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	>100	6.3	5.4	1.1	0	0.0	20.7	0.0
LF6VENT-07	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	0	0.0	6.4	13.7	0	0.0	20.7	0.0
LF6VENT-08	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	80	4.0	1.2	20.6	0	0.0	20.7	0.0
LF6VENT-09	NI	NI	NI	NI	NI	NI	NI	NI	---	---	---	---	0	0.0	15.6	4.4	0	0.0	20.8	0.0
LF6VENT-10	0	0.0	21.0	0.0	0	0.0	20.3	0.2	---	---	---	---	18	0.9	1.8	18.8	0	0.0	20.8	0.0
LF6VENT-11	0	0.0	21.0	0.0	0	0.0	18.4	1.6	---	---	---	---	0	0.0	12.0	7.8	0	0.0	20.7	0.0
LF6VENT-12	0	0.0	13.5	5.1	0	0.0	18.9	1.5	---	---	---	---	46	2.3	0.9	22.3	0	0.0	20.8	0.0
LF6VENT-13	0	0.0	17.2	2.6	0	0.0	16.2	2.8	---	---	---	---	0	0.0	7.8	11.1	0	0.0	20.7	0.0
LF6VENT-14	0	0.0	21.2	0.0	0	0.0	17.6	2.0	---	---	---	---	0	0.0	11.4	7.7	0	0.0	20.8	0.0
LF6VENT-15	0	0.0	21.1	0.0	0	0.0	10.6	8.1	---	---	---	---	>100	5.1	0.0	26.0	0	0.0	20.7	0.0
LF6VENT-16	0	0.0	21.2	0.0	0	0.0	11.9	6.2	---	---	---	---	38	1.9	0.3	19.5	0	0.0	20.7	0.0

Notes:
NI = Not Installed.
NS = Not Sampled.
--- = Not Monitored.

Table 6-1
Landfill 6 Landfill Gas Monitoring Results

Sample Location	14-Nov-05				1-Dec-05				9-Jan-06				13-Jul-06				9-Oct-06			
	Barometric Pressure (in.) =			30.32	Barometric Pressure (in.) =			29.94	Barometric Pressure (in.) =			29.79	Barometric Pressure (in.) =			29.77-30.04	Barometric Pressure (in.) =			29.51-29.65
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF6GMP-01	0	0.0	14.0	0.8	0	0.0	19.2	0.3	0	0.0	17.2	0.5	0.0	0.0	16.5	11.2	0	0.0	9.6	3.0
LF6GMP-02	0	0.0	20.6	0.0	0	0.0	12.3	5.2	0	0.0	16.7	2.7	0.0	0.0	20.6	0.0	0	0.0	20.2	0.2
LF6GMP-03	0	0.0	20.6	0.0	0	0.0	18.3	0.7	0	0.0	19.3	0.4	0.0	0.0	20.6	0.0	0	0.0	21.0	0.1
LF6GMP-04	0	0.0	20.5	0.0	0	0.0	20.6	0.2	0	0.0	19.2	1.1	0.0	0.0	20.4	0.0	0	0.0	15.9	4.1
LF6GMP-05	0	0.0	20.6	0.0	0	0.0	18.2	1.9	0	0.0	20.5	0.0	0.0	0.0	20.6	0.0	0	0.0	18.1	2.1
LF6GMP-06	0	0.0	19.6	0.4	0	0.0	18.5	1.6	0	0.0	19.2	0.8	0.0	0.0	20.6	0.0	0	0.0	21.0	0.3
LF6GMP-07	0	0.0	20.5	0.0	0	0.0	13.6	6.1	0	0.0	20.2	0	0.0	0.0	20.6	0.0	0	0.0	13.7	6.1
LF6GMP-08	50	2.5	13.7	7.1	>100	9.1	0.1	24.0	>100	7.5	0.0	22.2	72.0	3.6	0.0	29.8	20	1.0	1.8	15.2
LF6GMP-09	0	0.0	20.5	0	0	0	15.5	4.1	0	0	18.2	1.3	0.0	0.0	20.7	0.0	0	0	20.3	0.6
LF6GMP-10	0	0.0	20.2	0.2	0	0.0	20.7	0.3	0	0.0	20.1	0.4	0.0	0.0	20.3	0.0	0	0.0	19.7	1.8
LF6GMP-11	0	0.0	20.5	0.0	0	0.0	16.0	3.3	0	0.0	20.5	o	0.0	0.0	20.6	0.0	0	0.0	14.8	5.5
LF6GMP-12	0	0.0	19.8	0.4	0	0.0	16.40	3.6	0	0.0	18.00	2.0	0.0	0.0	20.6	0.0	0	0.0	13.40	6.2
LF6GMP-13	0	0.0	16.0	3.4	0	0.0	16.5	3.4	0	0.0	16.6	3.3	0.0	0.0	20.4	0.1	0	0.0	15.6	4.0
LF6GMP-14	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6GMP-15S	0	0.0	20.4	0.0	0	0.0	20.4	0.2	0	0.0	20.3	0.1	---	---	---	---	---	---	---	---
LF6GMP-15D	0	0.0	20.5	0.0	0	0.0	20.6	0.0	0	0.0	20.4	0.1	---	---	---	---	---	---	---	---
LF6GMP-16S	0	0.0	20.2	0.0	0	0.0	20.2	0.2	0	0.0	19.8	0.4	---	---	---	---	---	---	---	---
LF6GMP-16D	0	0.0	20.4	0.0	0	0.0	19.9	0.3	0	0.0	20.5	0.0	---	---	---	---	---	---	---	---
LF6GMP-17S	0	0.0	20.3	0.0	0	0.0	20.5	0.2	0	0.0	20.2	0.2	---	---	---	---	---	---	---	---
LF6GMP-17D	0	0.0	20.4	0.0	0	0.0	20.6	0.0	0	0.0	20.4	0.0	---	---	---	---	---	---	---	---
LF6VENT-01	0	0.0	20.5	0.0	0	0.0	15.8	0.2	0	0.0	20.5	0.0	0.0	0.0	19.1	0.3	1	0.1	14.6	1.2
LF6VENT-02	0	0.0	20.6	0.0	30	1.5	11.6	0.0	0	0.0	20.5	0.0	0.0	0.0	20.5	0.0	15	0.8	16.8	0.1
LF6VENT-03	0	0.0	20.5	0.0	34	1.7	4.4	7.1	0	0.0	20.3	0.0	0.0	0.0	18.4	1.3	18	0.9	15.6	2.8
LF6VENT-04	0	0.0	20.5	0.0	>100	5.9	4.2	4.5	0	0.0	20.4	0.0	62.0	3.1	12.9	4.4	>100	5.1	14.3	2.2
LF6VENT-05	0	0.0	20.4	0.0	0	0.0	9.8	6.7	0	0.0	20.3	0.0	0.0	0.0	19.9	0.3	0	0.0	19.3	1.4
LF6VENT-06	0	0.0	20.5	0.0	52	2.6	11.6	0.0	0	0.0	20.4	0.0	0.0	0.0	19.2	0.0	7	0.4	14.5	0.5
LF6VENT-07	0	0.0	20.5	0.0	0	0.0	15.4	3.7	0	0.0	20.4	0.0	0.0	0.0	18.6	1.4	0	0.0	12.6	5.2
LF6VENT-08	0	0.0	20.6	0.0	0	0.0	16.6	2.5	0	0.0	20.4	0.0	0.0	0.0	19.0	1.0	0	0.0	17.9	1.7
LF6VENT-09	0	0.0	20.5	0.0	0	0.0	17.8	1.9	0	0.0	20.6	0.0	0.0	0.0	19.3	0.4	0	0.0	16.2	3.1
LF6VENT-10	0	0.0	20.5	0.0	0	0.0	15.5	3.2	0	0.0	20.5	0.0	0.0	0.0	18.7	2.2	0	0.0	9.4	6.5
LF6VENT-11	0	0.0	20.5	0.0	0	0.0	16.1	3.2	0	0.0	20.2	0.0	0.0	0.0	19.1	0.8	0	0.0	6.2	7.3
LF6VENT-12	0	0.0	20.5	0.0	0	0.0	15.5	3.5	0	0.0	20.4	0.0	0.0	0.0	18.4	2.7	0	0.0	16.6	3.1
LF6VENT-13	0	0.0	20.5	0.0	0	0.0	13.4	4.8	0	0.0	20.5	0.0	0.0	0.0	16.4	2.6	0	0.0	12.7	5.4
LF6VENT-14	0	0.0	20.5	0.0	0	0.0	13.6	4.3	0	0.0	20.2	0.0	0.0	0.0	16.4	2.7	0	0.0	14.0	3.9
LF6VENT-15	0	0.0	20.5	0.0	0	0.0	8.9	7.3	0	0.0	20.3	0.0	0.0	0.0	13.8	7.1	5	0.3	9.7	7.4
LF6VENT-16	0	0.0	19.7	0.4	48	2.4	1.3	13.5	0	0.0	20.2	0.0	16.0	0.8	3.3	16.2	0	0.0	10.3	5.3

Notes:
NI = Not Installed.
NS = Not Sampled.
--- = Not Monitored.

Table 6-1
Landfill 6 Landfill Gas Monitoring Results

Sample Location	4-Jan-07				1-Jun-07				31-Jul-07				6-Oct-07				29-Jan-08			
	Barometric Pressure (in.) =			29.35-29.40	Barometric Pressure (in.) =			29.41-29.52	Barometric Pressure (in.) =			29.36-29.48	Barometric Pressure (in.) =			29.94	Barometric Pressure (in.) =			29.06-29.42
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF6GMP-01	0	0.0	19.4	0.4	0	0.0	14.9	1.7	0	0.0	16.1	2.5	0	0.0	13.1	3.3	0	0.0	18.0	1.3
LF6GMP-02	0	0.0	10.0	6.4	0	0.0	8.9	6.7	0	0.0	11.1	6.3	0	0.0	18.2	1.9	0	0.0	10.3	7.0
LF6GMP-03	0	0.0	13.9	2.5	0	0.0	14.9	1.7	0	0.0	15.4	2.1	0	0.0	17.2	1.7	0	0.0	19.0	1.0
LF6GMP-04	0	0.0	12.9	7.1	0	0.0	13.9	6.0	0	0.0	13.1	6.3	0	0.0	14.1	5.9	0	0.0	14.7	5.9
LF6GMP-05	0	0.0	20.5	0.4	0	0.0	18.2	1.7	0	0.0	18.8	1.8	0	0.0	18.4	2.0	0	0.0	18.2	2.3
LF6GMP-06	0	0.0	18.3	2.3	0	0.0	18.2	1.7	0	0.0	19.2	1.6	0	0.0	17.9	2.5	0	0.0	18.3	2.2
LF6GMP-07	0	0.0	20.9	0.1	0	0.0	15.2	5.2	0	0.0	15.7	5.0	0	0.0	15.8	4.8	0	0.0	15.7	5.2
LF6GMP-08	0	0.0	20.6	0.4	0	0.0	3.6	19.1	0	0.0	9.2	11.3	0	0.0	5.1	16.0	0	0.0	5.4	11.5
LF6GMP-09	0	0.0	20.2	0.6	0	0.0	18.3	3.4	0	0.0	19.1	1.6	0	0.0	14.1	6.5	0	0.0	16.8	4.0
LF6GMP-10	0	0.0	20.6	1.0	0	0.0	20.0	0.4	0	0.0	20.0	1.0	0	0.0	20.0	0.7	0	0.0	19.9	1.1
LF6GMP-11	0	0.0	18.6	2.6	0	0.0	18.5	2.4	0	0.0	17.9	3.2	0	0.0	17.7	3.2	0	0.0	19.0	2.3
LF6GMP-12	0	0.0	19.5	1.3	0	0.0	18.1	3.1	0	0.0	17.4	3.5	0	0.0	17.4	7.5	0	0.0	18.3	2.7
LF6GMP-13	0	0.0	18.3	2.2	0	0.0	19.2	1.3	0	0.0	19.3	1.7	0	0.0	19.7	1.1	0	0.0	19.6	1.9
LF6GMP-14	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6GMP-15S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-15D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-16S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-16D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-17S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-17D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6VENT-01	12	0.6	10.8	0.8	0	0.0	17.1	1.2	0	0.0	12.6	1.0	6	0.3	12.6	1.4	7	0.4	9.5	1.4
LF6VENT-02	83	4.2	4.2	0.1	38	1.9	11.6	0.2	32	1.6	10.6	0.4	>100	6.1	1.3	0.5	>100	5.8	0.6	0.2
LF6VENT-03	99	5.0	3.2	7.9	0	0.0	13.2	4.8	18	0.9	8.4	7.7	>100	5.3	6.7	9.2	>100	6.8	2.7	10.3
LF6VENT-04	>100	9.5	0.4	4.0	>100	9.4	9.1	5.7	>100	12.1	4.5	7.3	>100	15.7	6.2	6.0	>100	14.6	0.5	5.5
LF6VENT-05	3	0.2	6.7	6.1	0	0.0	19.1	1.4	0	0.0	14.2	4.5	0	0.0	13.4	5.5	32	1.6	3.0	11.9
LF6VENT-06	66	3.3	8.4	0.5	0	0.0	16.1	0.2	7	0.3	9.7	0.3	30	1.5	11.4	0.4	84	4.2	2.3	0.5
LF6VENT-07	0	0.0	13.4	5.1	0	0.0	19.5	1.4	0	0.0	15.2	4.2	0	0.0	13.8	5.3	>100	0.0	9.9	8.6
LF6VENT-08	0	0.0	13.5	3.9	0	0.0	17.9	2.5	0	0.0	17.8	2.4	0	0.0	10.3	6.7	0	0.0	8.8	7.8
LF6VENT-09	0	0.0	19.8	0.7	0	0.0	19.8	0.6	0	0.0	17.6	1.9	0	0.0	16.6	3.1	0	0.0	15.4	4.8
LF6VENT-10	0	0.0	13.2	4.1	0	0.0	17.7	2.9	0	0.0	13.7	4.9	0	0.0	6.2	10.1	0	0.0	5.9	9.4
LF6VENT-11	0	0.0	16.4	3.3	0	0.0	19.0	1.0	0	0.0	15.8	3.3	0	0.0	14.1	5.0	0	0.0	6.3	8.0
LF6VENT-12	0	0.0	18.0	1.5	0	0.0	18.3	2.5	0	0.0	14.5	5.3	0	0.0	3.8	12.8	0	0.0	14.8	5.2
LF6VENT-13	0	0.0	14.9	4.3	0	0.0	16.8	3.0	0	0.0	12.0	6.0	0	0.0	10.9	7.9	0	0.0	11.5	8.1
LF6VENT-14	0	0.0	15.7	3.4	0	0.0	17.2	2.8	0	0.0	15.9	3.8	0	0.0	14.4	4.6	0	0.0	12.3	7.8
LF6VENT-15	0	0.0	19.7	0.8	0	0.0	5.0	13.5	0	0.0	4.6	12.2	8	0.4	1.4	17.3	0	0.0	5.0	12.5
LF6VENT-16	0	0.0	20.9	0.2	0	0.0	3.0	13.6	1	0.0	15.2	4.7	0	0.0	4.0	12.3	0	0.0	4.8	10.1

Notes:
NI = Not Installed.
NS = Not Sampled.
--- = Not Monitored.

Table 6-1
Landfill 6 Landfill Gas Monitoring Results

Sample Location	17-Apr-08				16-Jul-08				18-Nov-08				14-Jan-09				28-Apr-09			
	Barometric Pressure (in.) =			30.01-30.02	Barometric Pressure (in.) =			NA	Barometric Pressure (in.) =			29.60-29.63	Barometric Pressure (in.) =			29.17-29.66	Barometric Pressure (in.) =			29.41-29.47
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF6GMP-01	0	0.0	18.5	0.4	0	0.0	19.4	0.7	0	0.0	20.1	0.4	0	0.0	19.2	1.4	0	0.0	20.7	0.0
LF6GMP-02	0	0.0	13.5	4.2	0	0.0	12.7	4.3	0	0.0	21.5	0.1	0	0.0	12.5	6.4	0	0.0	11.5	4.8
LF6GMP-03	0	0.0	16.6	1.5	0	0.0	15.5	1.8	0	0.0	20.8	0.0	0	0.0	16.8	2.5	0	0.0	16.0	2.0
LF6GMP-04	0	0.0	16.7	3.6	0	0.0	19.6	4.9	0	0.0	21.0	0.0	0	0.0	16.0	5.0	0	0.0	21.0	0.0
LF6GMP-05	0	0.0	19.3	1.4	0	0.0	18.9	1.1	0	0.0	21.3	0.0	0	0.0	19.3	2.2	0	0.0	18.8	1.8
LF6GMP-06	0	0.0	19.3	1.2	0	0.0	18.6	1.3	0	0.0	21.2	0.0	0	0.0	19.8	1.8	0	0.0	18.9	1.5
LF6GMP-07	2	0.1	16.5	4.2	0	0.0	16.3	4.0	0	0.0	21.2	0.1	0	0.0	16.4	4.9	0	0.0	16.3	4.3
LF6GMP-08	0	0.0	14.1	3.8	0	0.0	5.1	13.6	0	0.0	21.3	0.0	0	0.0	11.4	7.2	0	0.0	5.2	10.6
LF6GMP-09	0	0	17.7	1.8	0	0	15.8	4.1	0	0	21.7	0.1	0	0	19.4	2.3	0	0	17.2	2.7
LF6GMP-10	0	0.0	21.0	0.1	0	0.0	19.4	0.9	2	0.1	21.7	0.0	0	0.0	21.4	0.4	0	0.0	20.3	0.0
LF6GMP-11	0	0.0	19.4	1.3	0	0.0	18.3	2.1	0	0.0	21.5	0.4	0	0.0	20.5	1.8	0	0.0	19.0	1.7
LF6GMP-12	0	0.0	18.5	2.0	0	0.0	18.4	2.0	0	0.0	21.6	0.1	0	0.0	19.5	2.4	0	0.0	17.9	2.1
LF6GMP-13	0	0.0	20.4	0.8	0	0.0	18.3	2.1	0	0.0	21.4	0.2	0	0.0	20.3	1.8	0	0.0	19.2	1.4
LF6GMP-14	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6GMP-15S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-15D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-16S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-16D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-17S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-17D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6VENT-01	0	0.0	20.4	0.4	0	0.0	16.1	0.6	0	0.0	16.9	2.0	0	0.0	19.5	0.5	0	0.0	20.7	0.1
LF6VENT-02	0	0.0	19.9	0.2	4	0.2	12.1	0.2	0	0.0	19.9	0.1	0	0.0	19.2	0.2	0	0.0	21.0	0.0
LF6VENT-03	0	0.0	19.8	0.9	0	0	13.3	3	0	0.0	18.8	1.1	0	0.0	18.8	1.1	0	0.0	21.0	0.0
LF6VENT-04	6	0.3	15.2	2.3	60	2.9	11.1	4.8	1	0.0	17.7	1.4	0	0.0	18.8	1.5	1	0.0	19.9	0.6
LF6VENT-05	0	0.0	19.6	1.1	0	0	12.8	3.8	0	0.0	20.5	0.4	0	0.0	20.5	1.0	0	0.0	19.3	0.6
LF6VENT-06	0	0.0	20.9	0.2	0	0	12	0.2	1	0.0	20.7	0.3	0	0.0	17.7	1.9	1	0.0	15.8	1.0
LF6VENT-07	0	0.0	20.8	0.5	0	0	20.5	0.2	0	0.0	20.9	0.2	0	0.0	20.0	0.4	0	0.0	21.0	0.0
LF6VENT-08	0	0.0	20.7	0.5	0	0	19.5	0.5	2	0.1	20.1	1.1	0	0.0	21.6	0.3	0	0.0	19.5	0.9
LF6VENT-09	0	0.0	20.2	0.7	0	0	20	0.5	2	0.1	18.5	1.9	0	0.0	20.7	0.2	0	0.0	20.9	0.1
LF6VENT-10	0	0.0	20.3	0.8	0	0.0	18.4	1.2	0	0.0	20.0	0.6	0	0.0	20.4	0.9	0	0.0	20.3	0.5
LF6VENT-11	0	0.0	19.7	1.0	0	0.0	18.4	1.1	0	0.0	20.6	0.1	0	0.0	20.9	0.2	0	0.0	20.7	0.0
LF6VENT-12	0	0.0	20.4	0.7	0	0.0	19.3	1.1	0	0.0	20.2	0.5	0	0.0	20.6	1.2	0	0.0	20.8	0.0
LF6VENT-13	0	0.0	18.1	2.0	0	0.0	15.7	2.5	0	0.0	19.9	0.5	0	0.0	20.6	0.7	0	0.0	20.3	0.2
LF6VENT-14	2	0.1	19.1	1.6	0	0.0	17.3	1.8	2	0.1	20.3	0.3	0	0.0	21.4	0.4	0	0.0	20.5	0.1
LF6VENT-15	0	0.0	17.5	2.2	0	0.0	13.7	4.4	2	0.1	19.6	0.8	0	0.0	21.3	0.3	0	0.0	18.8	1.7
LF6VENT-16	0	0.0	16.5	2.8	0	0.0	10.4	5.8	0	0.0	17.2	2.0	0	0.0	20.9	0.4	0	0.0	17.9	3.4

Notes:

NI = Not Installed.

NS = Not Sampled.

--- = Not Monitored.

Table 6-1
Landfill 6 Landfill Gas Monitoring Results

Sample Location	13-Jul-09				22-Oct-09				2-Feb-10				7-May-10				26-Oct-10			
	Barometric Pressure (in.) =			29.28-29.31	Barometric Pressure (in.) =			29.28-29.36	Barometric Pressure (in.) =			NS	Barometric Pressure (in.) =			29.18-29.38	Barometric Pressure (in.) =			29.19-29.20
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF6GMP-01	0	0.0	19.6	0.1	0	0.0	12.3	4.0	NS	NS	NS	NS	0	0.0	20.6	0.1	0	0.0	19.4	0.5
LF6GMP-02	2	0.1	10.5	6.0	0	0.0	10.6	7.2	NS	NS	NS	NS	0	0.0	20.9	0.1	0	0.0	11.8	6.6
LF6GMP-03	2	0.1	16.7	2.5	0	0.0	14.3	2.9	NS	NS	NS	NS	0	0.0	20.9	0.0	0	0.0	15.6	2.7
LF6GMP-04	2	0.1	19.4	1.6	0	0.0	12.6	6.9	NS	NS	NS	NS	0	0.0	20.9	0.0	0	0.0	19.4	1.0
LF6GMP-05	2	0.1	19.5	1.4	0	0.0	17.4	2.4	NS	NS	NS	NS	0	0.0	20.9	0.0	0	0.0	20.6	0.2
LF6GMP-06	2	0.1	19.6	1.2	0	0.0	17.6	2.4	NS	NS	NS	NS	0	0.0	19.7	0.9	0	0.0	20.4	0.4
LF6GMP-07	0	0.0	20.5	0.0	0	0.0	15.3	5.3	NS	NS	NS	NS	0	0.0	17.6	3.4	0	0.0	16.3	4.6
LF6GMP-08	0	0.0	20.2	0.3	0	0.0	4.2	14.2	NS	NS	NS	NS	0	0.0	10.2	9.2	0	0.0	5.4	13.8
LF6GMP-09	2	0.1	18.6	2.4	0	0.0	13.2	6.8	NS	NS	NS	NS	0	0.0	17.4	3.1	0	0.0	14.2	5.9
LF6GMP-10	2	0.1	19.7	1.1	0	0.0	19.5	1.3	NS	NS	NS	NS	0	0.0	19.8	1.0	0	0.0	19.7	1.0
LF6GMP-11	2	0.1	19.5	1.3	0	0.0	17.8	2.9	NS	NS	NS	NS	0	0.0	19.9	1.1	0	0.0	18.0	2.7
LF6GMP-12	2	0.1	18.8	2.3	0	0.0	17.1	3.2	NS	NS	NS	NS	0	0.0	20.3	0.6	0	0.0	18.8	1.9
LF6GMP-13	0	0.0	19.6	0.7	0	0.0	16.8	3.5	NS	NS	NS	NS	0	0.0	20.2	0.7	0	0.0	18.9	1.5
LF6GMP-14	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6GMP-15S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-15D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-16S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-16D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-17S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-17D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6VENT-01	0	0.0	14.3	2.1	5	0.2	8.1	1.6	NS	NS	NS	NS	0	0.0	19.7	0.7	0	0.0	20.7	0.1
LF6VENT-02	38	1.9	4.0	0.6	94	4.7	0.0	0.4	NS	NS	NS	NS	0	0.0	20.4	0.1	0	0.0	20.6	0.0
LF6VENT-03	7	0.3	8.0	6.4	>100	5.3	0.9	11.3	NS	NS	NS	NS	0	0.0	20.2	0.5	0	0.0	20.6	0.1
LF6VENT-04	>100	7.2	6.5	5.6	>100	14.7	0.2	6.4	NS	NS	NS	NS	0	0.0	18.5	1.6	0	0.0	20.7	0.0
LF6VENT-05	2	0.1	15.6	3.3	4	0.2	2.5	10.9	NS	NS	NS	NS	0	0.0	20.1	0.8	0	0.0	20.2	0.2
LF6VENT-06	9	0.4	10.0	0.6	39	1.9	1.1	0.7	NS	NS	NS	NS	0	0.0	20.2	0.4	0	0.0	20.7	0.0
LF6VENT-07	2	0.1	14.2	4.4	0	0.0	10.2	7.4	NS	NS	NS	NS	0	0.0	19.4	0.8	0	0.0	20.2	0.0
LF6VENT-08	2	0.1	16.5	3.2	0	0.0	9.8	5.7	NS	NS	NS	NS	0	0.0	19.8	0.6	0	0.0	20.3	0.0
LF6VENT-09	1	0.1	19.4	1.3	0	0.0	15.8	3.4	NS	NS	NS	NS	0	0.0	19.5	0.7	0	0.0	20.4	0.0
LF6VENT-10	2	0.1	16.0	3.4	0	0.0	4.9	9.6	NS	NS	NS	NS	0	0.0	19.6	0.9	0	0.0	20.4	0.1
LF6VENT-11	2	0.1	18.2	2.4	0	0.0	15.4	4.3	NS	NS	NS	NS	0	0.0	19.5	0.9	0	0.0	20.6	0.0
LF6VENT-12	2	4.1	17.2	3.2	0	0.0	8.0	7.8	NS	NS	NS	NS	0	0.0	20.1	0.7	0	0.0	20.5	0.0
LF6VENT-13	2	0.1	15.2	4.4	0	0.0	11.6	7.5	NS	NS	NS	NS	0	0.0	17.3	2.0	0	0.0	20.6	0.0
LF6VENT-14	2	0.1	16.9	3.5	0	0.0	14.8	4.1	NS	NS	NS	NS	0	0.0	19.2	1.4	0	0.0	20.6	0.0
LF6VENT-15	2	0.1	7.5	9.7	0	0.0	4.4	13.0	NS	NS	NS	NS	0	0.0	18.7	1.5	0	0.0	20.6	0.0
LF6VENT-16	2	0.1	13.4	5.7	0	0.0	11.2	5.9	NS	NS	NS	NS	0	0.0	15.7	4.1	0	0.0	20.7	0.0

Notes:
NI = Not Installed.
NS = Not Sampled.
--- = Not Monitored.

Table 6-1
Landfill 6 Landfill Gas Monitoring Results

Sample Location	16-May-11				19-Oct-11				10-May-12				5-Oct-12				2-May-13			
	Barometric Pressure (in.) =			29.14-29.19	Barometric Pressure (in.) =			29.11-29.14	Barometric Pressure (in.) =			28.99-29.32	Barometric Pressure (in.) =			29.44	Barometric Pressure (in.) =			29.73-29.85
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF6GMP-01	0	0.0	19.4	0.3	0	0.0	12.0	7.0	0	0.0	19.3	0.8	0	0.0	11.0	2.4	0	0.0	20.6	0.0
LF6GMP-02	0	0.0	20.9	0.1	0	0.0	19.7	0.8	0	0.0	22.8	0.1	0	0.0	12.4	6.7	0	0.0	20.3	0.0
LF6GMP-03	0	0.0	20.6	0.1	0	0.0	16.1	3.0	0	0.0	22.2	0.1	0	0.0	16.3	2.7	0	0.0	20.6	0.0
LF6GMP-04	0	0.0	20.8	0.0	0	0.0	14.8	5.7	0	0.0	22.4	0.1	0	0.0	15.3	5.4	0	0.0	20.6	0.0
LF6GMP-05	0	0.0	20.8	0.0	0	0.0	18.8	2.7	0	0.0	22.7	0.1	0	0.0	18.8	2.0	0	0.0	20.6	0.0
LF6GMP-06	0	0.0	20.8	0.1	0	0.0	19.0	2.6	0	0.0	22.8	0.2	0	0.0	18.6	2.4	0	0.0	20.5	0.1
LF6GMP-07	0	0.0	20.8	0.0	0	0.0	16.6	5.2	0	0.0	23.0	0.1	0	0.0	17.0	4.2	0	0.0	20.0	0.5
LF6GMP-08	0	0.0	12.7	5.5	0	0.0	4.6	14.7	0	0.0	23.0	0.1	0	0.0	11.4	8.5	0	0.0	12.2	5.8
LF6GMP-09	0	0.0	14.6	5.2	0	0.0	14.1	6.2	0	0.0	20.2	1.8	0	0.0	15.3	5.2	0	0.0	18	1.7
LF6GMP-10	0	0.0	20.8	0.0	0	0.0	20.5	1.4	0	0.0	22.9	0.1	0	0.0	19.5	1.2	0	0.0	20.3	0.0
LF6GMP-11	0	0.0	18.9	2.1	0	0.0	18.5	3.0	0	0.0	23.0	0.1	0	0.0	18.5	2.5	0	0.0	20.0	0.7
LF6GMP-12	0	0.0	18.2	2.1	0	0.0	18.4	3.4	0	0.0	22.8	0.2	0	0.0	18.3	2.6	0	0.0	18.6	1.3
LF6GMP-13	0	0.0	18.5	2.5	0	0.0	18.3	3.4	0	0.0	22.2	0.7	0	0.0	17.8	3.0	0	0.0	19.0	1.3
LF6GMP-14	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
LF6GMP-15S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-15D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-16S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-16D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-17S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6GMP-17D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LF6VENT-01	0	0.0	20.3	0.6	0	0.0	14.0	2.2	0	0.0	21.9	0.2	0	0.0	11.0	2.4	0	0.0	20.1	0.3
LF6VENT-02	0	0.0	20.7	0.0	24	1.2	6.2	0.4	0	0.0	21.4	0.7	35	1.7	4.1	0.6	0	0.0	19.6	0.0
LF6VENT-03	0	0.0	20.7	0.2	14	0.7	4.7	8.1	0	0.0	20.5	1.0	16	0.8	4.4	9.2	5	0.2	17.8	1.1
LF6VENT-04	0	0.0	20.8	0.1	>100	10.7	0.3	6.0	0	0.0	19.4	1.6	>100	8.1	0.7	7.4	0	0.0	19.6	0.7
LF6VENT-05	0	0.0	20.9	0.0	0	0.0	9.9	6.8	0	0.0	21.6	0.6	0	0.0	8.1	8.7	0	0.0	19.9	0.6
LF6VENT-06	0	0.0	20.8	0.0	2	0.0	8.9	1.3	0	0.0	22.4	0.0	0	0.0	8.5	0.8	0	0.0	20.0	0.2
LF6VENT-07	0	0.0	20.4	0.0	0	0.0	14.5	5.9	0	0.0	20.6	0.7	0	0.0	13.6	5.3	0	0.0	20.5	0.5
LF6VENT-08	0	0.0	20.4	0.0	0	0.0	16.2	4.5	0	0.0	19.7	1.8	0	0.0	15.5	3.7	0	0.0	20.7	0.4
LF6VENT-09	0	0.0	19.9	0.6	0	0.0	17.7	2.9	0	0.0	21.5	0.9	0	0.0	16.7	3.0	0	0.0	20.4	0.4
LF6VENT-10	0	0.0	20.5	0.0	0	0.0	14.6	5.2	0	0.0	21.1	0.8	0	0.0	11.0	6.4	0	0.0	20.3	0.6
LF6VENT-11	0	0.0	20.7	0.0	0	0.0	16.7	3.7	0	0.0	22.5	0.1	0	0.0	16.0	3.8	0	0.0	20.5	0.5
LF6VENT-12	0	0.0	20.3	0.5	0	0.0	14.6	5.2	0	0.0	22.2	0.2	0	0.0	11.6	5.7	0	0.0	19.0	1.3
LF6VENT-13	0	0.0	20.4	0.3	0	0.0	13.8	6.4	0	0.0	20.3	1.5	0	0.0	12.1	7.1	0	0.0	20.4	0.6
LF6VENT-14	0	0.0	20.5	0.4	0	0.0	16.3	4.0	0	0.0	22.2	0.1	0	0.0	16.4	3.3	0	0.0	20.2	0.5
LF6VENT-15	0	0.0	18.3	2.8	0	0.0	10.7	7.0	0	0.0	21.9	0.4	0	0.0	5.8	9.7	0	0.0	19.4	1.1
LF6VENT-16	0	0.0	13.4	5.7	0	0.0	10.0	7.7	0	0.0	16.4	3.0	0	0.0	8.3	7.3	0	0.0	18.2	1.9

Notes:
NI = Not Installed.
NS = Not Sampled.
--- = Not Monitored.

Table 6-1
Landfill 6 Landfill Gas Monitoring Results

Sample Location	15-Oct-13				8-May-14				19-Nov-14											
	Barometric Pressure (in.) =			29.47-29.58	Barometric Pressure (in.) =			29.48-29.57	Barometric Pressure (in.) =			29.52-29.60	Barometric Pressure (in.) =				Barometric Pressure (in.) =			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)				
LF6GMP-01	0	0.0	14.4	4.4	0	0.0	19.5	0.2	0	0.0	19.5	2.0								
LF6GMP-02	0	0.0	11.6	7.1	0	0.0	13.0	4.3	0	0.0	15.7	4.8								
LF6GMP-03	0	0.0	16.5	2.7	0	0.0	17.2	1.6	0	0.0	18.1	1.7								
LF6GMP-04	0	0.0	15.6	5.4	0	0.0	17.1	2.8	0	0.0	17.8	3.3								
LF6GMP-05	0	0.0	19.0	2.0	0	0.0	19.5	8.0	0	0.0	16.2	3.7								
LF6GMP-06	0	0.0	18.7	2.5	0	0.0	19.0	12.0	0	0.0	18.5	2.9								
LF6GMP-07	0	0.0	17.1	4.6	0	0.0	20.3	0.1	0	0.0	19.1	2.1								
LF6GMP-08	0	0.0	7.3	12.7	0	0.0	20.0	0.2	0	0.0	11.0	9.5								
LF6GMP-09	0	0.0	16.5	4.6	0	0.0	17.8	1.9	0	0.0	18.2	3.7								
LF6GMP-10	0	0.0	19.4	2.2	0	0.0	20.5	0.0	0	0.0	16.1	3.8								
LF6GMP-11	0	0.0	19.2	2.2	0	0.0	19.7	0.9	0	0.0	14.5	4.0								
LF6GMP-12	0	0.0	18.3	2.9	0	0.0	18.3	1.7	0	0.0	19.4	2.1								
LF6GMP-13	0	0.0	18.5	2.9	0	0.0	19.0	1.3	0	0.0	20.0	1.8								
LF6GMP-14	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI				
LF6GMP-15S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
LF6GMP-15D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
LF6GMP-16S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
LF6GMP-16D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
LF6GMP-17S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
LF6GMP-17D	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
LF6VENT-01	0	0.0	12.3	2.5	0	0.0	17.4	1.1	0	0.0	19.1	1.5								
LF6VENT-02	58	2.9	4.5	0.4	0	0.0	12.3	0.0	0	0.0	19.8	0.2								
LF6VENT-03	58	2.9	5.4	9.2	0	0.0	13.8	3.1	0	0.0	19.9	0.6								
LF6VENT-04	>100	10.5	4.8	4.5	80	4.0	5.3	3.3	0	0.0	19.9	0.5								
LF6VENT-05	0	0.0	10.1	6.8	0	0.0	13.9	3.1	0	0.0	20.0	0.5								
LF6VENT-06	17	0.9	5.2	1.1	0	0.0	12.4	0.7	0	0.0	20.6	0.2								
LF6VENT-07	0	0.0	13.4	5.8	0	0.0	17.7	2.1	0	0.0	20.6	0.3								
LF6VENT-08	0	0.0	12.4	6.1	0	0.0	15.8	2.9	0	0.0	20.7	0.3								
LF6VENT-09	0	0.0	17.2	3.0	0	0.0	18.8	1.3	0	0.0	20.6	0.3								
LF6VENT-10	0	0.0	9.2	8.5	0	0.0	16.6	2.6	0	0.0	20.5	0.2								
LF6VENT-11	0	0.0	17.3	3.3	0	0.0	19.1	1.3	0	0.0	20.7	0.2								
LF6VENT-12	0	0.0	8.4	9.4	0	0.0	15.7	2.7	0	0.0	20.2	0.2								
LF6VENT-13	0	0.0	13.8	6.7	0	0.0	16.6	3.6	0	0.0	19.8	0.5								
LF6VENT-14	0	0.0	16.6	3.5	0	0.0	18.8	1.6	0	0.0	19.5	0.2								
LF6VENT-15	0	0.0	18.6	2.5	0	0.0	15.3	4.2	0	0.0	19.6	0.2								
LF6VENT-16	0	0.0	12.5	6.6	0	0.0	14.9	4.8	0	0.0	19.4	0.5								

Notes:
NI = Not Installed.
NS = Not Sampled.
--- = Not Monitored.

Table 6-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-10												
Date of Collection			6/28/2006	9/15/2006	12/11/2006	4/11/2007	6/19/2007	9/27/2007	12/10/2007	4/3/2008	6/12/2008	9/30/2008	12/9/2008	4/15/2009	6/29/2009
Sample ID No.			775VM1095AA	775VM1095BB	775VM1095CA	775VM1095DA	775VM1095EA	775VM1095FA	775VM1095GA	775VM1095HA	775VM1095IA	775VM1095JA	775VM1095KA	775VM1095LA	775VM1095MA
Depth to Water (ft)			60.25	60.18	59.27	58.15	57.97	59.37	59.63	58.43	58.32	49.46	59.53	59.07	59.13
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	1.1	1	0.820 F	0.720 F	0.700 F	0.510 F	0.750 F	U	U	0.540 F	0.540 F	0.400 F	0.340 F
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	1.4 F	U	U	U	U	U	U	U	U	U	U	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chloroform	7	0.3	U	U	0.140 F	U	U	U	U	U	U	U	0.150 F	U	U
chloromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	0.475 F	U	0.130 F	U	1.00 F	U	U	U	U
trichloroethene (TCE)	5*	1	**96**	**83.6**	**84.3 F**	**68.2**	**68.4**	**58.8**	**65.6**	**60.4**	**59.0**	**46.9**	**43.4**	**43.5**	**34.6**
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**98.5**	**84.6**	**85.26**	**68.92**	**69.45**	**59.31**	**66.48**	**60.4**	**60.0**	**47.44**	**44.09**	**43.90**	**34.94**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	148 B	120	120	110	110	100	100	98	100	94	110	100	98
ammonia	2	0.2	U	U	U	U	0.023 F	U	0.024 F	U	0.11 B	U	U	U	U
BOD5	--	2.4	U	U	UJ	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.011 F	U	U	U	U	0.044 F	U	0.045 F	0.043 F	UJ	0.046 F	U
COD	--	5	U	U	U	13	15 B	U	4.1 F	4.1 F	U	U	15	3.7 F	U
chloride	250	1	35.3 B	44	34	52	86	110	120	120	150	150	120	100	90 J
color	15	5	**50**	NA	NA	NA	U	NA	NA	NA	U	NA	NA	U	NA
cyanide, Total	200	0.02	U	NA	NA	NA	U	NA	NA	U	0.0063 F	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	260	210	150	190	240	220	260	260	300	270	290	220	210
nitrate	10	1	4.7	3.3	3.0	2.7	2.5	2.6	2.6	2.4	2.0	1.7	1.6	1.3	1.1
TKN	1	0.2	U	U	U	0.14 F	0.063 F	0.22	0.058 F	0.058 F	U	U	0.11 F	U	0.36
sulfate	250	1	7 B	6.3	6.4	5.6	6.2	9.9	11	9.5	12	14	13	10	8.9
TDS	500	10	254	260	250	260	390	**510**	340	480	**710**	490	400	330	320
TOC	--	1	1	0.46 F	0.54 F	U	U	0.79 F	0.95 F	0.51 F	U	U	0.67 F	U	U

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-10												
Date of Collection			**9/14/2009**	**3/22/2010**	**9/23/2010**	**6/8/2011**	**6/19/2012**	**6/17/2013**	**6/4/2014**						
Sample ID No.			**775VM1095NA**	**775VM1095OA**	**775VM1095PA**	**775VM1095PA**	**775VM1095QA**	**775VM1095RA**	**775VM1095RA**						
Depth to Water (ft)			**60.05**	**60.57**	**61.55**	**59.20**	**59.80**	**60.50**	**59.28**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	0.380 F	0.410 F	0.460 F	0.50 F	0.36 J	0.47 J	0.54 J						
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U						
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U						
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U						
acetone	50	10	U	U	2.54 FB	U	U	U	U						
benzene	1	0.1	U	U	U	U	U	U	U						
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U						
chloroform	7	0.3	U	U	U	0.17 F	U	0.35 J	0.37 J						
chloromethane	5*	1	U	U	U	U	U	U	U						
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U						
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U						
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U						
methylene chloride	5*	1	U	U	U	U	0.33 J	U	U						
trichloroethene (TCE)	5*	1	**43.2**	**41.2**	**43.3**	**45.0**	**42.0**	**37**	**36.0**						
toluene	5*	1	U	U	U	U	U	U	U						
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U						
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U						
vinyl chloride	2	1	U	U	U	U	U	U	U						
xylenes, Total	--	1.5	U	U	U	U	U	U	U						
Total VOCs (µg/L)			**43.58**	**41.61**	**46.3**	**45.67**	**42.69**	**37.82**	**36.91**						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	100	130	120	310	160	140	160						
ammonia	2	0.2	U	U	U	0.18	0.062 JB	U	U						
BOD5	--	2.4	U	U	U	U	U	U	U						
bromide	2	0.5	0.035 F	U	U	U	U	U	U						
COD	--	5	U	U	U	U	U	U	6.7 J						
chloride	250	1	100	61	73	200	150	130	100						
color	15	5	NA	U	NA	U	U	U	**50**						
cyanide, Total	200	0.02	NA	0.0088 F	U	U	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	NA	U	0.095 J						
hardness, Total	--	1	210	180	190	310	190	180	200						
nitrate	10	1	1.1	1.0 B	1.1	1.7	1.5	1.1	0.98						
TKN	1	0.2	U	0.24 B	0.21 B	0.34 F	0.67 JB	0.43 J	U						
sulfate	250	1	9.4	9.2 B	9.0	24	22	19	17						
TDS	500	10	380	220	270	**600**	430	390	350						
TOC	--	1	0.52 F	U	0.82 F	0.82 F	0.81 J	1.2	0.91 JB						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-18R												
Date of Collection			6/28/2006	9/15/2006	12/11/2006	4/11/2007	6/19/2007	9/27/2007	12/10/2007	4/7/2008	6/12/2008	9/30/2008	12/9/2008	4/14/2009	6/29/2009
Sample ID No.			775VM18R90AA	775VM18R90BB	775VM18R90CA	775VM18R90DA	775VM18R90EA	775VM18R90FA	775VM18R90GA	775VM18R90HA	775VM18R90IA	775VM18R90JA	775VM18R90KA	775VM18R90LA	775VM18R90MA
Depth to Water (ft)			52.65	52.63	51.77	50.57	50.15	51.68	52.26	51.10	51.57	51.84	52.1	51.52	51.33
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	**6**	**5.01**	**5.50**	**5.09**	4.7	3.91	**5.17**	4.37	4.92	4.11	3.96	4.25	4.29
1,1-dichloroethene	5*	1	0.4 F	0.37 F	0.280 F	0.230 F	0.250 F	0.240 F	0.840 F	U	U	U	0.180 F	U	U
1,2-dichloroethane	0.6	1	**1.3**	**1.3**	**1.07**	**0.91**	**0.85**	**0.670**	**0.840**	**0.650**	**0.700**	**0.630**	0.580	0.590	0.510
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UF	U
chloroform	7	0.3	0.52	0.49 F	0.500	U	0.370 F	0.230 F	0.720	0.260 F	0.280 F	0.280 F	0.360 F	0.290	0.290 F
chloromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	UJ	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**7.22**	**7.17**	**7.35**	**6.23**	**6.17**	**5.05**	**6.85**	**5.28**	**5.90**	**5.02**	**5.08**	**5.13**	**5.09**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	142	140	150	120	110	130	130	140	150	140	130	150	140
ammonia	2	0.2	U	U	U	U	0.024 F	U	0.025 F	0.020 F	0.056 B	U	U	U	U
BOD5	--	2.4	U	U	UJ	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.092 F	0.043 F	0.18 F	0.20 F	0.20 F	0.25 F	0.20 F	0.19 F	0.14 F	UJ	0.17 F	0.11 F
COD	--	5	27.4	7.1 F	9.4 F	17	15 B	6.3 F	6.3 F	8.5 F	4.1 F	26	22	26	20
chloride	250	1	**873**	**550**	**450**	**710**	**880**	**880**	**860**	**790**	**680**	**720**	**760**	**810**	**630 F**
color	15	5	**18**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	0.0076 F	NA	NA	NA	U	NA	NA	0.0096 F	0.0078 F	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	680	520	450	720	770	610	650	600	470	500	600	590	480
nitrate	10	1	4.4	3.4	3.0	4.1	3.3	3.4	3.5	3.2	3.2	3.5	3.5	3.7	3.6
TKN	1	0.2	U	U	0.084 F	0.18 F	0.21 B	0.12 F	U	U	U	U	0.16 F	0.11 F	0.15 F
sulfate	250	1	63	41	34	40	50	40	41	36	35	35	35	43	39
TDS	500	10	**1,770**	**1,500**	**1,300**	**1,900**	**2,600**	**2,300**	**1,700**	**1,900**	**2,000**	**1,400**	**1,800**	**1,200**	**1,600**
TOC	--	1	0.83 F	0.63 F	0.66 F	0.45 F	0.61 F	0.83 F	0.69 F	0.80 F	0.50 F	0.53 F	1.0	0.48 F	0.59 F

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-18R													
Date of Collection			**9/14/2009**	**3/22/2010**	**9/23/2010**	**6/7/2011**	**6/19/2012**	**6/17/2013**	**6/4/2014**							
Sample ID No.			**775VM18R90NA**	**775VM18R90OA**	**775VM18R90PA**	**775VM18R90PA**	**775VM18R9QA**	**775VM18R90RA**	**775VM18R90RA**							
Depth to Water (ft)			**52.29**	**53.04**	**53.74**	**51.50**	**52.02**	**52.71**	**51.40**							
VOCs (µg/L)																
1,1,1-trichloroethane	5*	1	3.96	4.00	4.03	NA	NA	NA	NA							
1,1-dichloroethene	5*	1	U	U	0.170 F	NA	NA	NA	NA							
1,2-dichloroethane	0.6	1	0.500	0.460 F	0.430 F	NA	NA	NA	NA							
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA							
acetone	50	10	U	U	1.71 FB	NA	NA	NA	NA							
benzene	1	0.1	U	U	U	NA	NA	NA	NA							
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA							
chloroform	7	0.3	0.270 F	0.360 F	0.530	NA	NA	NA	NA							
chloromethane	5*	1	U	U	U	NA	NA	NA	NA							
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA							
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA							
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA							
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA							
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA							
toluene	5*	1	U	U	U	NA	NA	NA	NA							
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA							
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA							
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA							
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA							
Total VOCs (µg/L)			**4.73**	**4.82**	**6.87**	NA	NA	**NA**	**NA**							
Leachate Indicators (mg/L)																
alkalinity, Total	--	10	150	160	160	160	190	160	160							
ammonia	2	0.2	0.35	U	U	0.094 F	0.81	U	U							
BOD5	--	2.4	U	U	U	U	U	U	U							
bromide	2	0.5	0.12 F	U	U	0.11 F	0.14	U	U							
COD	--	5	6.7 F	5.6 FB	U	U	8.0 J	22 J	U							
chloride	250	1	**560**	**640**	**510**	**550**	**460**	**470**	**490**							
color	15	5	NA	U	NA	U	U	U	5							
cyanide, Total	200	0.02	NA	0.0080 F	U	NA	U	U	U							
Fluoride	1.5	1	NA	NA	NA	NA	NA	U	0.10 J							
hardness, Total	--	1	410	500	440	480	310	380	370							
nitrate	10	1	3.9	3.7	4.5	3.2	3.4	2.0	2.1							
TKN	1	0.2	0.4	0.22 B	0.20 B	0.30 F	0.61 JB	0.55 J	U							
sulfate	250	1	29	35	35	45	42	42	50							
TDS	500	10	**1,400**	**1,500**	**1,200**	**1,200**	**1,000**	**1,000**	**1,000 J**							
TOC	--	1	0.61 F	0.65 FB	0.88 F	0.80 F	0.81 J	1.3	1.1 B							

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-20R												
Date of Collection			**6/28/2006**	**9/18/2006**	**12/11/2006**	**4/11/2007**	**6/20/2007**	**9/28/2007**	**12/10/2007**	**4/8/2008**	**6/12/2008**	**10/1/2008**	**12/9/2008**	**4/14/2009**	**6/29/2009**
Sample ID No.			**775VM20R110AA**	**775VM20R110BB**	**775VM20R110CA**	**775VM20R110DA**	**775VM20R110EA**	**775VM20R110FA**	**775VM20R110GA**	**775VM20R110HA**	**775VM20R110IA**	**775VM20R110JA**	**775VM20R110KA**	**775VM20R110LA**	**775VM20R110MA**
Depth to Water (ft)			**65.15**	**65.20**	**64.22**	**63.22**	**62.95**	**64.40**	**64.61**	**63.34**	**63.31**	**64.42**	**64.54**	**63.99**	**64.01**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	0.180 F	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	0.140 F	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0**	**0**	**0.18**	**0**	**0.14**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	219	180	180	180	180	180	170	170	180	180	170	170	170
ammonia	2	0.2	0.012 F	0.035 F	U	0.020 F	0.039 F	0.013 F	0.045 F	0.034 F	0.055 B	0.033 F	0.020 F	0.047 F	0.026 F
BOD5	--	2.4	UJ	U	UJ	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.011 F	U	U	U	0.022 F	0.046 F	0.051 F	0.037 F	0.039 F	UJ	0.048 F	0.027 F
COD	--	5	17.8	16 B	U	13	17	U	4.1 F	8.5 F	U	3.7 F	U	6.0 F	U
chloride	250	1	51.1	59	57	58	71	83	84	89	110	110	92	92	98 J
color	15	5	15	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	0.0076 F	NA	NA	NA	U	NA	NA	U	0.018 F	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	213	260	230	220	230	220	260	260	270	300	270	270	280
nitrate	10	1	U	U	0.013 F	0.21	0.041 F	0.015	U	0.040 F	U	U	U	U	U
TKN	1	0.2	0.12 F	0.084 F	0.42	0.12 F	U	U	U	0.12 F	U	U	U	U	U
sulfate	250	1	39.4	42	39	39	40	37	37	38	38	38	35	36	34
TDS	500	10	348	360	370	320	410	290	300	360	480	380	390	350	330
TOC	--	1	0.75 F	U	0.55 F	0.44 F	1.6	0.61 F	0.45 F	1.1 B	U	0.85 F	0.53 F	U	U

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-20R												
Date of Collection			**9/14/2009**	**3/22/2010**	**9/23/2010**	**6/7/2011**	**6/19/2012**	**6/17/2013**	**6/5/2014**						
Sample ID No.			**775VM20R110NA**	**775VM20R110OA**	**775VM20R110PA**	**775VM20R110PA**	**775VM20R11QA**	**775VM20R110RA**	**775VM20R110RA**						
Depth to Water (ft)			**64.97**	**65.51**	**66.65**	**64.50**	**64.72**	**65.60**	**64.36**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	U	1.61 FB	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	U	U	U	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**0**	**0**	**1.61**	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	180	170	170	160	180	140	150 B						
ammonia	2	0.2	0.22 F	0.35 F	U	0.2	0.075 JB	0.070 J	0.091 J						
BOD5	--	2.4	U	U	U	1.4 F	U	U	U						
bromide	2	0.5	0.037 F	U	U	U	U	0.12 J	U						
COD	--	5	U	U	U	U	U	8.7 J	U						
chloride	250	1	110	120	130	73	57	51	100 B						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	0.0080 F	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	NA	0.067 J	0.075 JB						
hardness, Total	--	1	300	280	280	200	200	210	270 B						
nitrate	10	1	0.017 F	0.055 F	U	U	0.048 J	0.10 J	U						
TKN	1	0.2	0.13 F	0.30 B	0.18 FB	0.45 F	1 B	0.56 J	U						
sulfate	250	1	35	34	37	29	39	31	39 B						
TDS	500	10	410	410	**530**	330	300	270	360 B						
TOC	--	1	0.39 F	U	0.71 F	0.61 F	0.62 J	1.3	0.74 JB						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6MW-1												
Date of Collection			6/28/2006	9/18/2006	12/11/2006	4/9/2007	6/20/2007	9/27/2007	12/10/2007	4/2/2008	6/17/2008	9/30/2008	12/9/2008	4/14/2009	6/29/2009
Sample ID No.			LF6M0168AA	LF6M0168BB	LF6M0168CA	LF6M0168DA	LF6M0168EA	LF6M0168FA	LF6M0168GA	LF6M0168HA	LF6MO168IA	LF6MO168JA	LF6MO168KA	LF6M0168LA	LF6M0168MA
Depth to Water (ft)			63.18	63.21	62.19	61.18	60.97	62.46	62.59	61.55	61.24	62.39	62.52	62.00	62.03
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	1.1 F	U	U	1.00 F	U	U	U	U	U	U	U	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	0.170 F	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	U	UM	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	0.330 F	U	U	U	0.120 F♦	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	0.180 F
vinyl chloride	2	1	U	U	U	U	U	UJ	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**1.1**	**0**	**0.33**	**1**	**0**	**0**	**0.290**	**0**	**0**	**0**	**0**	**0**	**0.180**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	251	250 F	330	360	400♦	340	320♦	270	330	390	340	270	280
ammonia	2	0.2	0.039 F	U	U	U	0.028 F♦	U	0.049 F♦	0.016 F	0.057 B♦	U	U	U	U
BOD5	--	2.4	UJ	U	UF	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.25 F	0.12 F	0.24 F	0.18 F♦	0.26 F	U	U	U	0.18 F	UJ	0.064 F♦	0.077 F
COD	--	5	U	14 B	24 B	19 F	20 F	28 F	13 B	6.3 F♦	6.3 F	17	3.7 F	6.0 F	U
chloride	250	1	3.6	**1,300 M**	**970 M**	**1,100 M**	**740 M♦**	**1,200**	**740**	**340♦**	**390**	**870**	**280**	**270**	**430**
color	15	5	**80**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	0.0076 F	NA	NA	NA	0.012 F	NA	NA	0.0090 F	0.015 F♦	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	444	740	520	530	260	360	240	100	190 F	370♦	130 F♦	140	180♦
nitrate	10	1	0.77 F	0.95 F	0.87	1.6	0.94 F	1.0	0.97 F♦	0.82 F♦	0.81 F	1.2	0.75	0.82 F	1.0
TKN	1	0.2	0.49	U	0.11 F	0.23	0.10 F♦	0.10 F♦	0.12 F	0.068 F♦	U	0.070 F	0.077 F♦	U	0.14 F
sulfate	250	1	6.1	45	50	55 M	49♦	72♦	65 M	39♦	52	78 M	34	32	50
TDS	500	10	156	**3,000**	**2,100**	**2,300**	**1,700♦**	**4,700 F♦**	**1,700♦**	**900**	**1,100♦**	**1,900♦**	**940**	**810**	**1,000**
TOC	--	1	1.1	1.6	2.5 B	2.1	2.5	2.6 B♦	2.4	1.7	1.8	2.2♦	2.0	0.79 F	1.1

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6MW-1												
Date of Collection			**9/15/2009**	**3/22/2010**	**9/23/2010**	**6/6/2011**	**6/19/2012**	**6/17/2013**	**6/4/2014**						
Sample ID No.			**LF6M0168NA**	**LF6M0168OA**	**LF6M0168PA**	**LF6M0168PA**	**LF6M0168QA**	**LF6M0168RA**	**LF6M0168RA**						
Depth to Water (ft)			**63.02**	**63.52**	**64.47**	**62.09**	**62.72**	**63.56**	**62.30**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	U	1.66 FB	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	U	U	U	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**0**	**0**	**1.66**	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	280	320	310	360	230	210 ♦	350 ♦						
ammonia	2	0.2	0.019 F♦	U	U	0.10 F	0.13♦ JB	U	0.036 J						
BOD5	--	2.4	U	U	U	U	U	U	U						
bromide	2	0.5	0.14 F	U	U	0.12 F	U	U	0.49 J♦						
COD	--	5	6.7 F	5.2 FB♦	8.1 FB♦	10 F♦	16 J♦	30 J	15 J♦						
chloride	250	1	**290 M♦**	**320**	**310**	**480**	**1,300**	**1,100**	**760 ♦**						
color	15	5	NA	U	NA	U	U	U	10						
cyanide, Total	200	0.02	NA	0.013 F	0.0063 F	U	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	0.13 J						
hardness, Total	--	1	160	170	160	240	410 J	530	350 ♦						
nitrate	10	1	1.0 ♦	0.86 FB ♦	0.98 F♦	0.9	2.0♦	1.0	1.0						
TKN	1	0.2	U	0.19 FB♦	0.29 BF♦	0.49 F	1.0 B	0.57 J	U						
sulfate	250	1	61 M♦	42	65♦	50	56	39	47 J♦						
TDS	500	10	**870♦**	**840**	**850**	**1,200**	**2,400**	**2,100**	**1,700**						
TOC	--	1	1.3♦	1.4 B	2.0	1.5	1.4	1.7 ♦	1.8 B						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-10R2												
Date of Collection			6/29/2006	9/19/2006	12/13/2006	4/13/2007	6/21/2007	10/1/2007	12/12/2007	4/7/2008	6/18/2008	10/1/2008	12/11/2008	4/16/2009	6/30/2009
Sample ID No.			LF6VM10R230AA	LF6VM10R230BB	LF6VM10R230CA	LF6VM10R230DA	LF6VM10R230EA	LF6VM10R230FA	LF6VM10R230GA	LF6VM10R230HA	LF6VM10R230IA	LF6VM10R230JA	LF6VM10R230KA	LF6VM10R230LA	LF6VM10R230MA
Depth to Water (ft)			12.92	13.33	12.27	11.40	12.15	13.22	12.61	11.47	12.27	13.01	12.49	12.02	12.46
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	1.31 F
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	0.120 F	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	0.18 F	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	0.110 F	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0.18**	**0**	**0**	**0**	**0**	**0**	**0.230**	**0**	**0**	**0**	**0**	**0**	**1.31**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	93.8	84	86	82	82	80	86	92	80	88	80	80	78
ammonia	2	0.2	U	0.023 F	U	U	0.025 F	0.011 F	U	0.014 F	0.047 F	0.019 F	U	0.029 F	U
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	0.018 F	0.024 F	0.016 F	UJ	0.033 F	0.037 F
COD	--	5	12 B	9.2 F	U	19	11 B	U	6.3 F	8.5 F	6.3 F	U	8.2 F	8.2 F	6.7 F
chloride	250	1	2.7	2.5	2.1	2.1	2.4	2.4	2.3	3.4	5.0	3.6	4.1	4.1	5.0
color	15	5	**140**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	U	NA	NA	NA	U	NA	NA	0.010 F	0.0050 F	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	86.7	130	100	96	92	92	120	92	420	120	120	110	100
nitrate	10	1	0.29 F	0.24 F	0.47	0.17	0.16 B	0.16 B	0.055 F	0.23	0.39	0.19	0.14	0.77	0.90
TKN	1	0.2	0.076 F	U	U	0.076 F	U	0.38 B	U	U	U	U	U	U	U
sulfate	250	1	10.9	12	11	12	13	12	12	13	15	14	13	14	14
TDS	500	10	148	120	140	70	130	120	130	120	120	130	93	130	140
TOC	--	1	0.45 F	U	0.73 F	U	0.76 F	0.54 F	0.59 F	1.3	U	0.49 F	U	U	0.51 F

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-10R2												
Date of Collection			**9/15/2009**	**3/24/2010**	**9/16/2010**	**6/7/2011**	**6/18/2012**	**6/18/2013**	**6/3/2014**						
Sample ID No.			**LF6VM10R230NA**	**LF6VM10R230OA**	**LF6VM10R230PA**	**LF6VM10R230PA**	**LF6VM10R230QA**	**LF6VM10R230RA**	**LF6VM10R230RA**						
Depth to Water (ft)			**13.29**	**12.78**	**14.11**	**11.97**	**13.20**	**12.75**	**12.80**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	U	1.51 FB	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	U	U	U	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**0**	**0**	**1.51**	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	80	82	80	88	100	94	100						
ammonia	2	0.2	U	U	U	0.25 F	0.22 JB	0.025 J	0.94 B						
BOD5	--	2.4	U	U	U	U	U	1.7 J	U						
bromide	2	0.5	0.044 F	0.067 F	U	0.12 F	U	0.13 J	U						
COD	--	5	U	U	U	U	6.0 J	8.3 J	U						
chloride	250	1	4.6	3.5	7.4	7.0	5.2 J	9.9	4.6						
color	15	5	NA	U	NA	U	U	U	**20 J**						
cyanide, Total	200	0.02	NA	NA	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	0.075 J						
hardness, Total	--	1	110	100	120	120	130	140	150						
nitrate	10	1	0.68	0.6	0.64 F	0.89	0.86	2.7	1.9						
TKN	1	0.2	U	0.20 B	0.16 FB	0.42 F	0.69 JB	0.52 J	U						
sulfate	250	1	14	14	19	22	19	18	17						
TDS	500	10	130	110	110	150	140	140	300						
TOC	--	1	0.48 F	U	1.1	8	0.5 J	0.92 J	0.54 J						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6MW-12												
Date of Collection			6/29/2006	9/19/2006	12/13/2006	4/17/2007	6/25/2007	10/1/2007	12/12/2007	4/7/2008	6/18/2008	10/2/2008	12/11/2008	4/16/2009	7/1/2009
Sample ID No.			LF6M1246AA	LF6M1246BB	LF6M1246CA	LF6M1246DA	LF6M1246EA	LF6M1246FA	LF6M1246GA	LF6M1246HA	LF6M1246IA	LF6M1246JA	LF6M1246KA	LF6M1246LA	LF6M1246MA
Depth to Water (ft)			4.48	4.91	3.90	2.90	3.89	4.85	4.2	3.29	3.91	4.06	4.12	3.74	4.15
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	0.63 F	U	0.490 F	U	0.530 F	U	0.490 F	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	0.76 F	U	U	U	U	U	U	U	U	**66.0 F**	U	U	U
benzene	1	0.1	0.62	0.47 F	U	0.360 F	U	0.390 F	U	0.310 F	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	6.00 F	U	U	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	**470**	**264**	**275**	**192 J**	**175**	**179**	**163**	**158**	**138**	**160**	**266**	**120**	**117**
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	**6.00 F**	U	U	U	U	4.50 F	U	U	U
trichloroethene (TCE)	5*	1	**1,500**	**942**	**1,060 J**	**851 J**	**702**	**741**	**791**	**767**	**727**	**664**	**523**	**653**	**709**
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	**16**	**12.8**	**8.75 F**	4.68	**9.00 F**	**14.9**	**20.2 F**	**5.31**	**8.25**	**28.5**	**11 F**	4.75 F	**6.00 F**
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	**2.7**	**2.4**	U	1.27	U	1.57	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	2.50 F	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**1,990.08**	**1,222.30**	**1,348.75**	**1,049.80**	**892.00**	**937.39**	**974.2**	**931.11**	**873.25**	**929.00**	**800**	**777.75**	**832**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	431	350	340	330	320	290	310	330	350	120	210	290	310
ammonia	2	0.2	0.013 F	0.051 B	0.041 F	0.073	0.078	0.068	0.062	0.065	0.10 B	0.11 B	0.098	0.12 B	0.085
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	63 F	28	U	U
bromide	2	0.5	U	0.09 F	U	0.15	0.10 F	0.12	0.21	0.24	0.16	0.17 F	U	0.17 F	0.18 F
COD	--	5	U	U	16	13 B	24 B	8.5 F	13 B	11	8.5 F	110	35	10	14
chloride	250	1	38	44	49	49	55	52	66	75	58	63	75	70	64
color	15	5	13	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	U	NA	NA	NA	U	NA	NA	0.0087 F	0.0093 F	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	212	470	420	410	400	380	550	24	110	96	310	400	420
nitrate	10	1	0.05 F	U	U	U	U	U	U	0.015	0.016 F	U	U	U	0.030 F
TKN	1	0.2	U	0.082 F	0.059 F	U	0.058 F	0.14 F	0.071 F	0.092 F	0.14 F	0.64	0.28	0.18 F	0.22
sulfate	250	1	56.9	59	55	53	60	68	72	66	82	23	55	79	70
TDS	500	10	**564**	**520**	**540**	**510**	**510**	**1000**	**530**	**540**	**530**	310	430	**550**	**570**
TOC	--	1	2.2	1.7	2.0	1.6	1.5	1.8	1.7	1.8	1.6	33	8.3	1.6	1.7

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6MW-12												
Date of Collection			**9/16/2009**	**3/24/2010**	**9/16/2010**	**6/8/2011**	**6/20/2012**	**6/19/2013**	**6/10/2014**						
Sample ID No.			**LF6M1246NA**	**LF6M1246OA**	**LF6M1246PA**	**LF6M1246PA**	**LF6M1246QA**	**LF6M1246RA**	**LF6M1246RA**						
Depth to Water (ft)			**4.77**	**4.20**	**6.55**	**3.75**	**4.32**	**4.20**	**4.56**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U						
1,1-dichloroethene	5*	1	U	U	U	2.1	0.59 J	1.8	U						
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U						
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U						
acetone	50	10	U	U	**226 FB**	**55**	U	5.4 JQ	**970**						
benzene	1	0.1	U	U	U	0.28 F	U	0.28 J	U						
carbon disulfide	1,000	0.5	U	U	3.50 F	U	U	U	U						
chloroform	7	0.3	U	U	U	U	U	U	U						
chloromethane	5*	1	U	U	U	U	U	U	U						
cis-1,2-dichloroethene	5*	1	**174**	**241**	**972**	**530**	**380**	**430**	**1,600**						
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U						
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U						
methylene chloride	5*	1	U	U	U	U	U	U	U						
trichloroethene (TCE)	5*	1	**711**	**655**	**14.5 F**	**220**	**300**	**470**	3.6 J						
toluene	5*	1	U	U	U	U	U	U	U						
trans-1,2-dichloroethene	5*	1	**9.25 F**	**7.25 F**	5.00 F	**6.2**	**7.9**	**13**	**13**						
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U						
vinyl chloride	2	1	U	U	U	**4.7**	**4.1**	**7.1**	**29**						
xylenes, Total	--	1.5	U	U	U	U	U	U	U						
Total VOCs (µg/L)			**894.25**	**903.25**	**1,221**	**818.28**	**692.59**	**927.89**	**2615.6**						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	300	310	430	420	400	410	650						
ammonia	2	0.2	0.068	0.034 F	U	0.20 F	0.084 JB	0.097 J	U						
BOD5	--	2.4	U	10	550 F	U	59 D	6.5	1,400						
bromide	2	0.5	0.12 F	0.4	U	0.20 F	0.12 J	0.29 J	U						
COD	--	5	14	22	1,300	54	15 J	20 J	2,600						
chloride	250	1	68	110	78	85	67	100	74						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	NA	U	U	U	U	U						
Fluoride	1.5	1	NA	NA	NA	**3.1**	0.68 J	U	U						
hardness, Total	--	1	420	450	580	460	460	550	880						
nitrate	10	1	U	U	U	U	U	U	U						
TKN	1	0.2	U	0.63 B	0.73	0.60 F	0.83 JB	0.63 J	U						
sulfate	250	1	62	66	14	50	47	43	0.36 J						
TDS	500	10	**510**	**540**	**770**	**640**	**580**	**650**	**1,300**						
TOC	--	1	3	4.5	270	12	3.1	3.2	530						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-17D												
Date of Collection			**6/28/2006**	**9/18/2006**	**12/12/2006**	**4/13/2007**	**6/21/2007**	**9/28/2007**	**12/10/2007**	**4/3/2008**	**6/18/2008**	**10/1/2008**	**12/9/2008**	**4/14/2009**	**6/29/2009**
Sample ID No.			**LF6VM17D48AA**	**LF6VM17D48BB**	**LF6VM17D48CA**	**LF6VM17D48DA**	**LF6VM17D48EA**	**LF6VM17D48FA**	**LF6VM17D48GA**	**LF6VM17D48HA**	**LF6VM17D48IA**	**LF6VM17D48JA**	**LF6VM17D48KA**	**LF6VM17D48LA**	**LF6VM17D48MA**
Depth to Water (ft)			**13.00**	**13.41**	**11.22**	**9.30**	**12.18**	**14.25**	**12.92**	**9.88**	**12.15**	**13.68**	**12.05**	**10.29**	**12.11**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	0.180 F	U	U	U	U	U
acetone	50	10	1.1 F	1.12 F	U	U	U	U	U	U	U	U	U	U	5.06 F
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UF	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	0.42 F	U	U	U	U	0.170 F	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	0.190 F
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**1.1**	**1.54**	**0**	**0**	**0**	**0**	**0.170**	**0.180**	**0**	**0**	**0**	**0**	**5.25**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	110	120	150	150	110	100	120	130	120	92	110	110	96
ammonia	2	0.2	U	U	U	U	0.026 F	U	0.025 F	U	0.043 F	0.027 F	U	U	0.13
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	UJ	U	U
COD	--	5	U	U	9.4 F	19	8.5 F	U	4.1 F	8.5 F	U	U	U	28	U
chloride	250	1	2.9	3	2.5	2.3	2.4	2.1	2.0	2.0	1.9	1.7	3.4	1.7	1.6
color	15	5	**50**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	0.0076 F	NA	NA	NA	U	NA	NA	0.0043 F	0.0047 F	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	99.5	130.0	130	160	120	76	140	140	120	120	120	120	110
nitrate	10	1	0.13 F	0.18 F	0.18	0.21	0.16 B	0.15 B	0.22	0.19	0.16	0.14	0.17	0.18	0.15
TKN	1	0.2	0.38	U	U	U	U	U	0.060 F	U	U	0.12 F	U	U	0.16 F
sulfate	250	1	7.8	8.3	8.2	8.6	8.5	8.2	8.2	8.6	8.3	8.3	8.5	8.9	8.5
TDS	500	10	135	150	150	170	150	140	130	140	99	100	140	81	120
TOC	--	1	0.44 F	0.72 F	0.87 F	0.97 F	0.54 F	0.71 F	0.80 F	0.86 F	U	0.44 F	0.64 F	U	U

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-17D												
Date of Collection			**9/14/2009**	**3/22/2010**	**9/15/2010**	**6/7/2011**	**6/20/2012**	**6/13/2013**	**6/3/2014**						
Sample ID No.			**LF6VM17D48NA**	**LF6VM17D48OA**	**LF6VM17D48PA**	**LF6VM17D48PA**	**LF6VM17D48QA**	**LF6VM17D48RA**	**LF6VM17D48RA**						
Depth to Water (ft)			**14.00**	**12.06**	**15.05**	**9.86**	**12.58**	**12.72**	**12.04**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	U	1.97 FB	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	U	U	U	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**0**	**0**	**1.97**	NA	NA	**NA**	**NA**						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	86	98	84	91	86	94	80						
ammonia	2	0.2	U	U	U	0.079 F	0.090 JB	0.023 J	1.2 B						
BOD5	--	2.4	U	U	U	U	U	U	U						
bromide	2	0.5	1.6	U	U	U	U	U	U						
COD	--	5	U	U	U	U	U	6.7 J	U						
chloride	250	1	1.6	1.5	1.5	1.3 F	1.3 J	1.1 J	0.99 J						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	0.0083 F	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	U	U	0.063 J	0.065 J						
hardness, Total	--	1	110	110	85	100	93	9.0	100						
nitrate	10	1	0.15 B	0.16 B	U	0.16 F	0.28 J	0.35 J	0.62						
TKN	1	0.2	U	0.23 B	0.16 FB	0.38 F	0.64 JB	0.35 J	U						
sulfate	250	1	8.7	9.3 B	9.5	10	11	11	10						
TDS	500	10	100	98 B	100	110	98	110	87						
TOC	--	1	0.52 F	0.60 FB	U	0.49 F	0.50 J	0.33 J	0.54 J						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-17S												
Date of Collection			**6/28/2006**	**9/18/2006**	**12/15/2006**	**4/13/2007**	**6/21/2007**	**9/28/2007**	**12/10/2007**	**4/3/2008**	**6/18/2008**	**10/2/2008**	**12/9/2008**	**4/15/2009**	**6/29/2009**
Sample ID No.			**LF6VM17S13AA**	**LF6VM17S12BB**	**LF6VM17S12CA**	**LF6VM17S12DA**	**LF6VM17S12EA**	**LF6VM17S12FA**	**LF6VM17S12GA**	**LF6VM17S15HA**	**LF6VM17S15IA**	**LF6VM17S13JA**	**LF6VM17S13KA**	**LF6VM17S15LA**	**LF6VM17S15MA**
Depth to Water (ft)			**--**	**12.26**	**9.27**	**7.77**	**11.08**	**13.40**	**12.07**	**6.38**	**11.08**	**12.78**	**10.60**	**8.77**	**10.89**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	1.3 F	U	U	1.70 F	U	U	2.07	U	U	U	U	1.37 F	4.61 F
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	0.340 F	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UF	U	UF	UF	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	0.190 F
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**1.3**	**0**	**0**	**1.7**	**0**	**0**	**2.07**	**0**	**0**	**0**	**0.34**	**1.37**	**4.8**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	3.9 F	U	U	U	U	U	U	U	U	U	U	U	U
ammonia	2	0.2	U	U	0.10	0.014 F	0.041 F	0.034 F	0.038 F	0.038 F	0.050 B	0.014 F	U	0.036 F	U
BOD5	--	2.4	UJ	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	UJ	U	U
COD	--	5	12.3	14 B	24 B	26	17 B	20	28 B	6.3 F	17	15	6.0 F	U	9.0 F
chloride	250	1	1.9	0.66 F	0.46 F	0.78 F	0.72 F	0.77 F	0.74 F	0.62 F	0.52 F	0.62 F	2.4	0.52 F	0.63 F
color	15	5	U	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	0.0076 F	NA	NA	NA	U	NA	NA	0.012 F	U	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	31.9	80 B	36	72	28	U	150.0	28	40	32	44	56	44
nitrate	10	1	1	1.1	1.3	1.3	1.6	1.0	1.3	1.9	3.0	1.5	3.3	4.2	3.5 J
TKN	1	0.2	0.058 F	0.19 F	0.31 F	0.16 F	0.11 F	0.33	0.63	0.42	0.078 F	0.36	0.13 F	0.45 B	0.21
sulfate	250	1	33.9	33	30	25	25	24	25	26	22	21	18	20	16
TDS	500	10	87	100	87	50	60	63	36	74	82	59	57	62	62
TOC	--	1	2.5	3.9	5.5	4.3	3.7 B	5.5	4.7	8.9	5.1	4.5	3.9	8.4	3.7

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-17S												
Date of Collection			**9/15/2009**	**3/22/2010**	**9/15/2010**	**6/7/2011**	**6/20/2012**	**6/18/2013**	**6/2/2014**						
Sample ID No.			**LF6VM17S13NA**	**LF6VM17S15OA**	**LF6VM17S15PA**	**LF6VM17S15PA**	**LF6VM17S15QA**	**LF6VM17S15RA**	**LF6VM17S15RA**						
Depth to Water (ft)			**13.03**	**10.60**	**14.12**	**8.27**	**11.41**	**10.81**	**9.74**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	U	2.48 FB	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	U	U	U	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**0**	**0**	**2.48**	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	80	U	U	1.8 F	3.8 J	4.7 J	4.3 J						
ammonia	2	0.2	0.018 F	U	U	0.20	0.076 JB	U	0.059 JB						
BOD5	--	2.4	U	U	U	U	U	U	1.5 JB						
bromide	2	0.5	U	U	U	U	U	U	U						
COD	--	5	25	12 B	17	34 F	25	22	11 J						
chloride	250	1	0.70 F	0.95 F	1.4	0.46 F	0.54 J	0.79 J	1.4 J						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	0.0081 F	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	0.063 F	0.20 J	U	0.25 J						
hardness, Total	--	1	24	31	30	47	74	24	30						
nitrate	10	1	3.0	4.4	4.5 F	3.4	2.2	1.1	0.30 J						
TKN	1	0.2	0.56	0.27 B	0.72 B	0.58 F	0.85 JB	0.53 J	U						
sulfate	250	1	15	15 B	11	21	13	11	U						
TDS	500	10	65	52 B	78	67	34	34	19						
TOC	--	1	4.8	3.2 B	3.1 B	8.6	4.3	3.1	4.2						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-18												
Date of Collection			**6/28/2006**	**9/18/2006**	**12/12/2006**	**4/13/2007**	**6/21/2007**	**9/28/2007**	**12/12/2007**	**4/3/2008**	**6/18/2008**	**9/30/2008**	**12/9/2008**	**4/14/2009**	**6/29/2009**
Sample ID No.			**LF6VM1850AA**	**LF6VM1850BB**	**LF6VM1850CA**	**LF6VM1850DA**	**LF6VM1850EA**	**LF6VM1850FA**	**LF6VM1850GA**	**LF6VM1850HA**	**LF6VM1850IA**	**LF6VM1850JA**	**LF6VM1850KA**	**LF6VM1850LA**	**LF6VM1850MA**
Depth to Water (ft)			**11.28**	**11.67**	**10.58**	**9.61**	**10.31**	**11.43**	**9.97**	**9.78**	**10.50**	**11.29**	**10.97**	**10.28**	**10.70**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	0.200 F	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	7.00 F
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UF	U
chloroform	7	0.3	U	U	U	U	U	U	U	0.120 F	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	0.400 F	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	U	0.110 F	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	0.210 F
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0**	**0**	**0**	**0**	**0**	**0**	**0.110**	**0.320**	**0**	**0**	**0.400**	**0**	**8.350**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	274	260	250	260	270	270	250	220	240	250	230	210	220
ammonia	2	0.2	U	U	U	0.016 F	0.036 F	U	U	U	0.052 B	0.014 F	U	U	U
BOD5	--	2.4	UJ	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.044 F	U	U	0.038 F	0.049 F	0.050 F	0.038 F	0.052 F	0.047 F	UJ	0.047 F	0.039 F
COD	--	5	14	U	9.4 F	13	8.5 F	4.1 F	6.3 F	4.1 F	20	8.2 F	U	6.0 F	U
chloride	250	1	64.7	67	63	63	62	52	51	88	100	95	95	110	100 F
color	15	5	**20**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	0.0076 F	NA	NA	NA	U	NA	NA	0.0098 F	U	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	315	410	380	360	370	320	340	340	410	380	330	340	360
nitrate	10	1	0.655	0.14 F	0.092 F	0.11	0.24	0.21 B	0.27	0.058 F	0.082 F	0.046 F	U	U	U
TKN	1	0.2	0.15 F	0.081 F	0.070 F	U	U	0.062 F	U	U	U	U	U	U	U
sulfate	250	1	46.5	56	52	49	54	50	44	39	41	43	38	38	39
TDS	500	10	420	480	470	420	**520**	330	410	290	420	480	450	430	490
TOC	--	1	U	0.72 F	1.1	0.56 F	1.3 B	0.92 F	3.0	1.6	0.48 F	0.53 F	0.86 F	U	0.65 F

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-18												
Date of Collection			**9/14/2009**	**3/22/2010**	**9/14/2010**	**6/6/2011**	**6/18/2012**	**6/13/2013**	**6/3/2014**						
Sample ID No.			**LF6VM1850NA**	**LF6VM1850OA**	**LF6VM1850PA**	**LF6VM1850PA**	**LF6VM1850QA**	**LF6VM1850RA**	**LF6VM1850RA**						
Depth to Water (ft)			**11.81**	**11.41**	**13.58**	**10.34**	**11.44**	**11.23**	**10.70**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	U	2.30 F	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	U	U	U	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
m,p-xylene	5*	2	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**0**	**0**	**2.30**	NA	NA	**NA**	**NA**						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	260	240	240	230	260	220	240						
ammonia	2	0.2	0.038 F	U	U	0.064 F	0.096 JB	U	0.041 JB						
BOD5	--	2.4	U	U	U	U	U	U	1.6 J						
bromide	2	0.5	0.053 F	U	U	U	U	U	U						
COD	--	5	U	5.4 FB	U	U	7.3 J	U	8.0 J						
chloride	250	1	110	110	120	120	92	120	110						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	0.0083 F	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	NA	U	39						
hardness, Total	--	1	360	350	340	320	310	34	340						
nitrate	10	1	0.030 F	U	U	U	U	U	U						
TKN	1	0.2	U	0.19 FB	0.27 B	0.47 F	0.74 JB	0.49 J	U						
sulfate	250	1	42	39	42	39	42	39 J	U						
TDS	500	10	470	460	480	460	430	440	440						
TOC	--	1	0.62 F	0.67 FB	0.82 F	0.80 F	0.67 J	0.51 J	1.0						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-19												
Date of Collection			6/28/2006	9/18/2006	12/12/2006	4/13/2007	6/20/2007	9/28/2007	12/10/2007	4/7/2008	6/18/2008	9/30/2008	12/9/2008	4/14/2009	6/29/2009
Sample ID No.			LF6VM1926AA	LF6VM1926BB	LF6VM1926CA	LF6VM1926DA	LF6VM1926EA	LF6VM1926FA	LF6VM1926GA	LF6VM1926HA	LF6VM1926IA	LF6VM1926JA	LF6VM1926KA	LF6VM1926LA	LF6VM1926MA
Depth to Water (ft)			**9.03**	**9.37**	**8.31**	**7.02**	**7.65**	**9.03**	**8.78**	**7.38**	**7.95**	**8.90**	**8.68**	**7.96**	**9.30**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	0.180 F	U	U	U	U	U
acetone	50	10	1 F	U	U	U	U	U	U	U	U	U	U	U	2.49 F
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UJ	U
chloroform	7	0.3	U	1.07	0.290 F	0.100 F	0.850	1.450	0.640	0.150 F	0.470 F	1.57	0.570	0.130 F	0.770
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	0.120 F	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	UJ	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**1**	**1.07**	**0.29**	**0.1**	**0.850**	**1.570**	**0.640**	**0.330**	**0.470**	**1.570**	**0.570**	**0.130**	**3.260**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	106	110	130	140	92	120	150	250	150	110	180	290	190
ammonia	2	0.2	U	U	U	U	0.027 F	U	0.025 F	0.061	0.059 B	0.012 F	U	U	U
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.014 F	U	U	U	0.044 F	U	U	0.036 F	0.042 F	UJ	0.015 F	0.016 F
COD	--	5	0.0076 F	5 F	9.4 F	19	8.5 F	U	U	6.3 F	4.1 F	58	U	3.7 F	U
chloride	250	1	3.4	40	10	6.0	90	100	23	7.9	76	120	24	7.5	44 J
color	15	5	**50**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	0.0076 F	NA	NA	NA	U	NA	NA	0.014 F	U	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	115	160	190	200	180	170	190	280	240	260	300	340	250
nitrate	10	1	0.55 F	1.6	0.95	0.87	1.4	1.6	0.68	0.49	1.2	1.5	0.65	0.82	1.4
TKN	1	0.2	0.16 F	U	U	U	0.089 F	0.078 F	U	NA	U	0.076 F	**3.3**	0.12	U
sulfate	250	1	15.6	23	42	42	20	17	17	27	24	20	23	28	23
TDS	500	10	158	230	250	220	370	390	170	310	350	350	280	330	340
TOC	--	1	0.65 F	0.5 F	1.2	1.7	U	0.47 F	1.2	1.2	0.69 F	0.43 F	0.85 F	U	0.60 F

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-19												
Date of Collection			**9/14/2009**	**3/22/2010**	**9/14/2010**	**6/6/2011**	**6/18/2012**	**6/13/2013**	**6/2/2014**						
Sample ID No.			**LF6VM1926NA**	**LF6VM1926OA**	**LF6VM1926PA**	**LF6VM1926PA**	**LF6VM1926QA**	**LF6VM1926RA**	**LF6VM1926RA**						
Depth to Water (ft)			**9.31**	**9.34**	**10.55**	**8.05**	**9.15**	**9.43**	**9.42**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	U	2.20 F	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	1.87	0.5	1.97	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
m,p-xylene	5*	2	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**1.87**	**0.5**	**4.17**	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	140	320	160	160	190	280	200						
ammonia	2	0.2	0.042 F	U	U	0.054 F	0.099 JB	U	0.026 JB						
BOD5	--	2.4	U	U	U	U	U	U	U						
bromide	2	0.5	0.037 F	U	U	U	U	U	U						
COD	--	5	U	U	U	U	5.0 J	U	U						
chloride	250	1	77	21	78	24	82	30	39						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	0.0089 F	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	NA	U	0.075 J						
hardness, Total	--	1	200	360	250	190	250	33	230						
nitrate	10	1	2.0	1.4	1.8	4.9	3.4	5.8	1.3						
TKN	1	0.2	U	0.24 B	0.28 B	0.36 F	0.58 JB	0.50 J	U						
sulfate	250	1	17	23 B	18	11	18	12	12						
TDS	500	10	320	370	290	250	340	380	280						
TOC	--	1	0.44 F	1.3 B	0.78 F	1.1	0.91 J	1.2	1.3						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-20												
Date of Collection			**6/28/2006**	**9/18/2006**	**12/12/2006**	**4/11/2007**	**6/20/2007**	**9/27/2007**	**12/10/2007**	**4/7/2008**	**6/17/2008**	**9/30/2008**	**12/9/2008**	**4/14/2009**	**6/29/2009**
Sample ID No.			**LF6VM2068AA**	**LF6VM2068BB**	**LF6VM2068CA**	**LF6VM2068DA**	**LF6VM2068EA**	**LF6VM2068FA**	**LF6VM2068GA**	**LF6VM2068HA**	**LF6VM2068IA**	**LF6VM2068JA**	**LF6VM2068KA**	**LF6VM2068LA**	**LF6VM2068MA**
Depth to Water (ft)			**11.04**	**11.40**	**10.25**	**8.97**	**9.20**	**4.78**	**10.85**	**9.28**	**9.54**	**10.74**	**10.73**	**9.95**	**10.10**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	0.340 F	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	0.140 F	U	U	U	0.100	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	UJ	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0**	**0**	**0.14**	**0**	**0**	**0**	**0.100**	**0**	**0**	**0**	**0.34**	**0**	**0**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	140	120	130	130	150	160	150	160	180	160	170	190	180
ammonia	2	0.2	0.22	0.081	U	U	0.031 F	0.011 F	0.039 F	0.09	0.093 B	U	U	U	U
BOD5	--	2.4	UJ	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.077 F	0.044 F	U	0.10 F	U	0.088 F	0.052 F	U	0.061 F	UJ	0.035 F	U
COD	--	5	U	9.2 F	5.3 F	17	15	U	6.3 F	6.3 F	U	8.2 F	U	6.0 F	U
chloride	250	1	**463**	**400**	**340**	**470**	**470**	35	**390**	200	180	250	230	110	57
color	15	5	**400**	NA	NA	NA	15	NA	NA	**20**	**25**	NA	NA	10	NA
cyanide, Total	200	0.02	0.0076 F	NA	NA	NA	0.018 F	NA	NA	0.016 F	0.046	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	600	450	400	420	340	270	340	210	200	240	210	160	120
nitrate	10	1	0.87 F	1.3	1.5	1.4	1.5	0.11	1.2	0.9	0.79 F	0.92	0.98	0.98	0.93
TKN	1	0.2	0.46	0.12 F	U	U	U	0.071 F	U	U	U	U	U	U	U
sulfate	250	1	10	14	16	12	15	1.1	15	14	13	11	13	12	7.7
TDS	500	10	**806**	**1,100**	**890**	**1,100**	**1,100**	**860**	**620**	**520**	490	**600**	**590**	390	310
TOC	--	1	1 B	0.93 F	0.83 F	0.51 F	0.51 F	0.53 F	0.70 F	0.71 F	U	U	0.73 F	U	U

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-20												
Date of Collection			**9/14/2009**	**3/22/2010**	**9/15/2010**	**6/6/2011**	**6/18/2012**	**6/13/2013**	**6/2/2014**						
Sample ID No.			**LF6VM2068NA**	**LF6VM2068OA**	**LF6VM2068PA**	**LF6VM2068PA**	**LF6VM2068QA**	**LF6VM2068RA**	**LF6VM2068RA**						
Depth to Water (ft)			**11.20**	**11.65**	**12.71**	**10.08**	**11.09**	**11.68**	**10.42**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	U	1.21 F	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	U	U	U	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
m,p-xylene	5*	2	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**0**	**0**	**1.21**	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	180	170	160	190	180	110	120						
ammonia	2	0.2	U	U	U	0.056 F	0.11 B	U	0.035 JB						
BOD5	--	2.4	U	U	U	U	U	U	1.3 JB						
bromide	2	0.5	0.028 F	U	U	U	U	U	U						
COD	--	5	U	U	U	U	8.0 J	7.7 J	U						
chloride	250	1	42	68	54	96	120	38	29						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	0.0082 F	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	NA	U	0.068 J						
hardness, Total	--	1	110	140	130	140	130	13	140						
nitrate	10	1	1.1	1.0 B	0.76 F	13.0	1.5	1.5	1.0						
TKN	1	0.2	U	0.56 B	0.16 FB	0.43 F	0.75 JB	0.34 J	U						
sulfate	250	1	7.4	8.9 B	9.0	U	9.9	6.0	6.3						
TDS	500	10	260	280	250	350	360	200	160						
TOC	--	1	U	0.55 FB	0.53 F	0.64 F	0.43 J	0.28 J	0.43 J						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-21												
Date of Collection			6/28/2006	9/18/2006	12/12/2006	4/11/2007	6/20/2007	9/27/2007	12/10/2007	4/7/2008	6/17/2008	10/1/2008	12/9/2008	4/14/2009	6/29/2009
Sample ID No.			LF6VM2175AA	LF6VM2175BB	LF6VM2175CA	LF6VM2175DA	LF6VM2175EA	LF6VM2175FA	LF6VM2175GA	LF6VM2175HA	LF6VM2175IA	LF6VM2175JA	LF6VM2175KA	LF6VM2175LA	LF6VM2175MA
Depth to Water (ft)			**43.30**	**43.41**	**42.40**	**41.29**	**41.35**	**42.68**	**42.78**	**41.51**	**41.54**	**43.71**	**42.74**	**42.05**	**42.15**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	1.5 F	U	U	U	U	U	U	U	U	U	U	U	4.77 F
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
chloroform	7	0.3	U	0.22 F	0.260 F	U	0.150 F	U	0.150 F	0.160 F	0.110 F	U	U	0.160 F	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	0.31 F	0.190 F	U	U	U	0.160 F	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	0.11 F	U	U	U	U	U	U	U	U	0.110 F	0.180 F	0.210 F
vinyl chloride	2	1	U	U	U	U	U	UJ	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**1.5**	**0.64**	**0.45**	**0**	**0.150**	**0**	**0.310**	**0.160**	**0.110**	**0**	**0.110**	**0.340**	**4.930**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	111	96	92	72	82	88	82	100	100	90	92	120	110
ammonia	2	0.2	0.023 F	0.011 F	U	U	0.026 F	U	0.026 F	0.084	0.045 F	0.021 F	U	U	U
BOD5	--	2.4	UJ	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	UJ	U	U
COD	--	5	U	18 B	16	17	6.3 F	U	22 B	6.3 F	U	U	U	U	U
chloride	250	1	3.6	2.5	1.8	1.9	1.0	2.2	2.3	3.5	4.8	2.8	3.6	4.7	2.7
color	15	5	**160**	NA	NA	NA	U	NA	NA	U	10	NA	NA	U	NA
cyanide, Total	200	0.02	0.0076 F	NA	NA	NA	U	NA	NA	U	0.0065 F	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	107	100	96	84	88	60	96	100	88	110	92	110	88
nitrate	10	1	0.75 F	0.87 F	0.77	0.71	0.82	0.85	0.80	0.81	0.72	0.80	0.8	0.9	1.2
TKN	1	0.2	0.5	0.075 F	0.071 F	U	U	U	U	U	U	U	U	U	U
sulfate	250	1	6	5	4.7	4.9	4.9	4.8	4.8	4.6	4.9	4.4	9.9	4.8	4.2
TDS	500	10	148	140	79	100	120	130	66	120	120	92	120	78	120
TOC	--	1	U	0.54 F	0.88 F	U	U	U	0.43 F	0.47 F	U	U	0.45 F	U	U

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-21												
Date of Collection			**9/15/2009**	**3/22/2010**	**9/14/2010**	**6/62011**	**6/18/2012**	**6/17/2013**	**6/2/2014**						
Sample ID No.			**LF6VM2175NA**	**LF6VM2175OA**	**LF6VM2175PA**	**LF6VM2175PA**	**LF6VM2175QA**	**LF6VM2175RA**	**LF6VM2175RA**						
Depth to Water (ft)			**43.25**	**43.72**	**44.67**	**42.25**	**43.03**	**43.65**	**42.48**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	U	1.56 F	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	U	0.110 F	0.120 F	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
m,p-xylene	5*	2	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	0.140 F	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	0.140 F	0.140 F	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**0.14**	**0.25**	**1.82**	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	130	110	100	120	100	88	90						
ammonia	2	0.2	U	U	U	0.076 F	0.12 B	U	U						
BOD5	--	2.4	NA	U	U	U	U	U	U						
bromide	2	0.5	U	U	U	U	U	U	U						
COD	--	5	39	U	U	U	6.3 J	9.6 J	U						
chloride	250	1	3.5	2.9	2.3	3.4	3.0	6.0	18						
color	15	5	NA	U	NA	**20**	U	U	U						
cyanide, Total	200	0.02	NA	0.0080 F	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	NA	0.062 J	0.075 J						
hardness, Total	--	1	180	110	100	94	99	120	120						
nitrate	10	1	2.3	2.3	1.2	2.5	1.3	1.7	1.3						
TKN	1	0.2	0.17 F	0.44 B	0.19 FB	0.39 F	0.70 JB	0.45 J	U						
sulfate	250	1	4.3	4.3 B	4.6	4.4 F	3.0 J	3.9 J	5.4						
TDS	500	10	140	130 B	97	130	110	110	130						
TOC	--	1	0.86 F	U	U	0.44 F	0.48 J	0.98 J	0.43 J						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-22												
Date of Collection			6/29/2006	9/19/2006	12/13/2006	4/13/2007	6/21/2007	9/28/2007	12/12/2007	4/8/2008	6/18/2008	10/1/2008	12/11/2008	4/16/2009	6/30/2009
Sample ID No.			LF6VM2235AA	LF6VM2235BB	LF6VM2235CA	LF6VM2235DA	LF6VM2235EA	LF6VM2235FA	LF6VM2235GA	LF6VM2235HA	LF6VM2235IA	LF6VM2235JA	LF6VM2235KA	LF6VM2235LA	LF6VM2235MA
Depth to Water (ft)			**19.27**	**14.68**	**13.54**	**12.71**	**13.37**	**14.41**	**13.89**	**12.84**	**13.56**	**14.28**	**13.74**	**13.36**	**13.76**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	0.100 F	U	U	U	0.190 F	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	5.26 F
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	0.120 F♦	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	0.120 F	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0**	**0**	**0**	**0.100**	**0.120**	**0**	**0.120**	**0.190**	**0**	**0**	**0**	**0**	**5.26**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	211	170	130	100	140	190	190	140	170♦	210	210	160	190
ammonia	2	0.2	U	U	U	U	0.015 F	0.017 F♦	U	U	0.046 F♦	0.029 F	U	0.031 F♦	0.017 F
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.021 F	U	U	0.025 F♦	0.040 F	0.044 F♦	0.029 F	0.042 F	0.052 F	UJ	0.043 F	0.073 F♦
COD	--	5	U	U	9.4 F	13 J	13 B	U	13 B♦	6.3 F♦	13 J♦	3.7 F	6.0 F♦	6.0 F♦	U
chloride	250	1	18.4	20	9.1	4.6	27	50	38	8.8	30	45	28	10	23
color	15	5	**20 J**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	U	NA	NA	NA	U	NA	NA	0.0047 F	U	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	197	200	150	110	190♦	270	260	140	210♦	280	240♦	190	240
nitrate	10	1	0.9 F	0.89 F	0.42	0.29	0.90♦	1.2	1.2	0.57 B♦	1.1	1.5	1.4	0.99 ♦	1.3
TKN	1	0.2	U	U	U	U	U	0.078 F	U	U	U	U	U	U	0.12 F
sulfate	250	1	18.4	20	16	13	21♦	27	27	16	21	26	24	20	24♦
TDS	500	10	260	240	180	110	270	260	350♦	160♦	220	300	290♦	210	350♦
TOC	--	1	0.64 F	0.72 F	0.69 F	U	0.77 F♦	1.2	0.90 F	1.5 B	0.54 F	0.97 F	0.65 F	0.39 F	0.75 F

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-22												
Date of Collection			**9/16/2009**	**3/23/2010**	**9/15/2010**	**6/7/2011**	**6/18/2012**	**6/18/2013**	**6/12/2014**						
Sample ID No.			**LF6VM2235NA**	**LF6VM2235OA**	**LF6VM2235PA**	**LF6VM2235PA**	**LF6VM2235QA**	**LF6VM2235RA**	**LF6VM2235RA**						
Depth to Water (ft)			**14.61**	**14.15**	**15.47**	**13.36**	**14.15**	**14.11**	**13.70**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	1.17 F	1.76 FB♦	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	U	U	U	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
m,p-xylene	5*	2	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**0**	**1.17**	**1.76**	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	230	220	250	140	180	230	170						
ammonia	2	0.2	U	U	U	0.12	0.19 B♦	U	0.47 J♦						
BOD5	--	2.4	U	U	U	1.4 F♦	U	U	U						
bromide	2	0.5	0.051 F	0.036 F	UM	U	U	0.12 J	U						
COD	--	5	9.0 F	59 J	5.6 F	4.3 F♦	9.7 J	13 J	U						
chloride	250	1	38	14	20♦	1.6 F♦	21	5.5	6.7						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	0	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	NA	U	0.097 J ♦						
hardness, Total	--	1	360♦	0.010 F	300	150 ♦	310 J	240	220 ♦						
nitrate	10	1	1.7	1.2	1.9	0.85♦	2.2	2.8	0.86 ♦						
TKN	1	0.2	U	0.38 JB♦	0.24 B♦	0.39 F	0.71 J B♦	0.43 J	U						
sulfate	250	1	28	23	26	14	18	15	15						
TDS	500	10	340	270	340♦	170 ♦	230	270	210						
TOC	--	1	0.89 F	0.81 F	1.1 B	0.75 F	0.63 J	1.1	0.85 J B♦						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-23												
Date of Collection			6/29/2006	9/18/2006	12/12/2006	4/17/2007	6/21/2007	9/28/2007	12/11/2007	4/3/2008	6/18/2008	10/1/2008	12/11/2008	4/16/2009	6/30/2009
Sample ID No.			LF6VM2348AA	LF6VM2348BB	LF6VM2348CA	LF6VM2348DA	LF6VM2348EA	LF6VM2348FA	LF6VM2348GA	LF6VM2348HA	LF6VM2348IA	LF6VM2348JA	LF6VM2348KA	LF6VM2348LA	LF6VM2348MA
Depth to Water (ft)			**16.16**	**16.60**	**15.58**	**14.44**	**15.33**	**16.38**	**15.96**	**14.69**	**15.51**	**16.21**	**15.70**	**15.21**	**16.69**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	1.10 F
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	0.14 F	U	U	U	U	0.110 F	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0**	**0.14**	**0**	**0**	**0**	**0**	**0.110**	**0**	**0**	**0**	**0**	**0**	**1.10**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	205	180	380	160	160	180	190	210	200	180	200	220	190
ammonia	2	0.2	U	U	U	U	0.018 F	U	0.05	U	0.057 B	0.029 F	U	U	0.024 F
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.029 F	U	0.11	0.080 F	0.11 F	0.12 F	0.023 F	0.024 F	0.035 F	UJ	0.020 F	U
COD	--	5	11.6 B	18 B	5.3 F	19 B	11 B	U	8.5 F	U	4.1 F	U	6.0 F	6.0 F	U
chloride	250	1	2.5	2.8	3.0	5.3	6.3	5.9	5.3	2.0	1.3	1.2	3.3	0.89 F	0.67 F
color	15	5	**60**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	U	NA	NA	NA	U	NA	NA	0.015 F	U	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	237	230	200	260	300	310	330	260	220	220	260	250	220
nitrate	10	1	0.32 F	0.68 F	0.53	1.3	1.9	1.6	1.7	0.96	0.61	0.6	0.81	0.61	0.70
TKN	1	0.2	0.17 F	U	U	0.057 F	U	0.085 F	U	U	U	U	U	U	U
sulfate	250	1	40.7	35	35	85	130	120	110	54	30	38	51	39	22
TDS	500	10	278	250	210	330	410	270	390	290	260	240	200	250	260
TOC	--	1	0.8 F	1.1	0.89 F	0.52 F	1.3 B	0.97 F	0.81 F	1.3	0.48 F	0.59 F	0.44 F	0.38 F	0.50 F

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-23												
Date of Collection			**9/15/2009**	**3/23/2010**	**9/15/2010**	**6/62011**	**6/20/2012**	**6/18/2013**	**6/10/2014**						
Sample ID No.			**LF6VM2348NA**	**LF6VM2348OA**	**LF6VM2348PA**	**LF6VM2348PA**	**LF6VM2348QA**	**LF6VM2348RA**	**LF6VM2348RA**						
Depth to Water (ft)			**16.51**	**16.07**	**17.40**	**15.22**	**16.07**	**16.05**	**15.64**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	U	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	U	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	U	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	U	NA	NA						
acetone	50	10	U	1.42 F	2.07 FB	NA	U	NA	NA						
benzene	1	0.1	U	U	U	NA	U	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	U	NA	NA						
chloroform	7	0.3	U	U	U	NA	U	NA	NA						
chloromethane	5*	1	U	U	U	NA	U	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	U	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	U	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	U	NA	NA						
methylene chloride	5*	1	U	U	U	NA	U	NA	NA						
m,p-xylene	5*	2	U	U	U	NA	U	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	U	NA	NA						
toluene	5*	1	U	U	U	NA	U	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	U	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	U	NA	NA						
vinyl chloride	2	1	U	U	U	NA	U	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	U	NA	NA						
Total VOCs (µg/L)			**0**	**1.42**	**2.07**	NA	**0**	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	190	220	210	240	290	260	340						
ammonia	2	0.2	0.048 F	U	U	0.060 F	0.092 JB	U	U						
BOD5	--	2.4	U	U	U	U	U	U	U						
bromide	2	0.5	0.025 F	0.021 F	U	U	U	U	U						
COD	--	5	U	U	U	U	U	12 J	4.7 J						
chloride	250	1	0.79 F	0.55 F	0.82 F	0.72	1.6 J	1.1 J	1.3 J						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	0.0091 F	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	0.093 J	U	0.093 J						
hardness, Total	--	1	210	260	230	250	310	300	370						
nitrate	10	1	0.74	0.6	0.48 F	0.9	5.7	7.8	3.5						
TKN	1	0.2	U	0.20 B	0.16 FB	0.49 F	0.56 JB	0.42 J	U						
sulfate	250	1	21	29	20	23	18	12	22						
TDS	500	10	240	240	250	260	320	310	420						
TOC	--	1	0.67 F	0.66 F	2.2 B	0.92 F	0.97 J	1.4	1.8 B						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-24												
Date of Collection			6/29/2006	9/19/2006	12/12/2006	4/17/2007	6/21/2007	9/28/2007	12/11/2007	4/7/2008	6/18/2008	10/1/2008	12/11/2008	4/16/2009	7/1/2009
Sample ID No.			LF6VM2448AA	LF6VM2449BB	LF6VM2449CA	LF6VM2449DA	LF6VM2449EA	LF6VM2449FA	LF6VM2449GA	LF6VM2449HA	LF6VM2449IA	LF6VM2449JA	LF6VM2449KA	LF6VM2449LA	LF6VM2449MA
Depth to Water (ft)			**12.32**	**12.74**	**11.70**	**10.65**	**11.51**	**12.52**	**12.12**	**10.92**	**11.71**	**12.39**	**11.85**	**4.42**	**11.90**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	5.40 F♦
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	0.320 F	U	U	U	0.120 F	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	0.210 F♦
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0**	**0**	**0.32**	**0**	**0**	**0**	**0.120**	**0**	**0**	**0**	**0**	**0**	**5.61**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	138	120	160	120	120	130	130	130	130	120	120	130	120
ammonia	2	0.2	0.087	0.073 B	0.054	0.065	U	0.074	0.11	0.11	0.10 B	0.11 B	0.062	0.11 B	0.10 ♦
BOD5	--	2.4	U	2.7	U	U	U	U	2.5	U	2.4	2.8	2.7	U	2.2
bromide	2	0.5	0.77	0.63	0.50	0.50	0.47	1.2	1.4	0.53	0.50	0.56	0.54 J	0.58	0.48 F♦
COD	--	5	12.3 B	5 F	7.3 F	15 B	8.5 F	4.1 F	8.5 F	6.3 F	U	8.2 F	8.2 F	8.2 F	9.0 F
chloride	250	1	199	110	110	98	110	130	130	130	130	150	150	170	170 M
color	15	5	**30**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	U	NA	NA	NA	U	NA	NA	U	U	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	159	180	150	170	180	180	200	200	210	220	220	230	250
nitrate	10	1	U	U	U	U	0.040 F	U	U	U	U	U	U	U	U
TKN	1	0.2	0.061 F	0.077 F	0.18 F	U	U	0.082 F	0	U	0.13 F	U	U	U	0.16 F
sulfate	250	1	24.6	29	28	28	27	24	24	24	25	24	25	23	21
TDS	500	10	350	350	350	350	390	300	370	370	400	390	380	410	**530♦**
TOC	--	1	U	U	0.45 F	0.81 F	0.66 F	0.51 F	0.48 F	0.93 F	0.42 F	U	U	U	U

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-24												
Date of Collection			**9/15/2009**	**3/23/2010**	**9/23/2010**	**6/9/2011**	**6/19/2012**	**6/18/2013**	**6/9/2014**						
Sample ID No.			**LF6VM2449NA**	**LF6VM2449OA**	**LF6VM2449PA**	**LF6VM2449PA**	**LF6VM2449QA**	**LF6VM2449RA**	**LF6VM2449RA**						
Depth to Water (ft)			**12.68**	**12.19**	**13.80**	**11.50**	**12.22**	**12.20**	**11.80**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U						
1,1-dichloroethene	5*	1	U	U	U	0.23 F	U	U	U						
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U						
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U						
acetone	50	10	U	1.22 F	2.21 FB	U	U	U	U						
benzene	1	0.1	U	U	U	U	U	U	U						
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U						
chloroform	7	0.3	U	U	U	U	U	U	U						
chloromethane	5*	1	U	U	U	U	U	U	U						
cis-1,2-dichloroethene	5*	1	U	U	U	U	0.49 J	0.73 J	1.3						
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U						
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U						
methylene chloride	5*	1	U	U	U	0.50 F	U	U	U						
m,p-xylene	5*	2	U	U	U	U	U	U	U						
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	0.35 J						
toluene	5*	1	U	U	U	U	U	U	U						
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U						
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U						
vinyl chloride	2	1	U	U	U	U	U	U	U						
xylenes, Total	--	1.5	U	U	U	U	U	U	U						
Total VOCs (µg/L)			**0**	**1.22**	**2.21**	**0.73**	**0.49**	**0.73**	**1.65**						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	120	130	130	120	99	120	130 B						
ammonia	2	0.2	0.093	0.065	0.073	0.19	0.12 B	0.11	0.22 B						
BOD5	--	2.4	U	8.5	3.8 J	9.4	U	1.9 J	U						
bromide	2	0.5	0.58	0.7	U	0.67	0.63	0.44 J	0.45 J						
COD	--	5	6.7 F	U	5.6 FB	6.6 F	4.3 J	14 J	6.4 JB						
chloride	250	1	180	210	240	250	**390**	**360**	**380**						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	0.0090 F	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	NA	0.067 J	U						
hardness, Total	--	1	250	280	300	340	440	420	440						
nitrate	10	1	U	U	U	U	U	U	U						
TKN	1	0.2	0.95	0.54 B	0.24 B	0.45 F	0.90 JB	0.49 J	U						
sulfate	250	1	24	18	16	22	45	23	25 B						
TDS	500	10	**530**	**510**	**620**	**710**	**800**	**790**	**760 JB**						
TOC	--	1	0.67 F	U	0.85 F	0.51 F	0.56 J	0.85 J	0.72 JB						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-25												
Date of Collection			**6/29/2006**	**9/19/2006**	**12/12/2006**	**4/17/2007**	**6/25/2007**	**10/1/2007**	**12/11/2007**	**4/3/2008**	**6/17/2008**	**10/2/2008**	**12/11/2008**	**4/16/2009**	**6/30/2009**
Sample ID No.			**LF6VM2544AA**	**LF6VM2544BB**	**LF6VM2544CA**	**LF6VM2544DA**	**LF6VM2544EA**	**LF6VM2544FA**	**LF6VM2544GA**	**LF6VM2544HA**	**LF6VM2544IA**	**LF6VM2544JA**	**LF6VM2544KA**	**LF6VM2544LA**	**LF6VM2544MA**
Depth to Water (ft)			**3.13**	**3.72**	**2.86**	**1.83**	**2.85**	**3.56**	**3.10**	**2.10**	**2.99**	**3.37**	**2.87**	**2.62**	**3.08**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	0.140 F	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	0.290 F	U	U	U	0.150 F	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0**	**0**	**0.29**	**0**	**0**	**0**	**0.190**	**0**	**0**	**0**	**0**	**0**	**0**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	478	390	120	400	380	390	380	380	370	320	340	370	360
ammonia	2	0.2	0.077	0.94	1.0	1.3	1.4	1.4	1.4	1.5	1.6	1.5	1.6	1.5	1.5
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.024 F	U	0.050 F	0.024 F	0.029 F	0.040 F	0.024 F	.062 F	0.13	UJ	0.14 F	0.11
COD	--	5	U	7.1 F	16	19 B	22 B	13	15 B	13	8.5 F	15	15	10	16
chloride	250	1	11.5	15	14	14	17	19	18	13	15	28	20	12	13
color	15	5	**25**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	1.5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
hardness, Total	--	1	720	460	28	420	410	12	460	400	440	420	480	440	500
nitrate	10	1	U	0.017 F	0.089 F	U	U	0.038 F	0.032 F	0.025 F	0.018 F	0.041 F	U	0.086 F	0.021 F
TKN	1	0.2	**1.2**	**1.1**	**1.1**	**1.2**	**1.4**	**1.3**	**1.4**	**1.5**	**1.4**	**1.6**	**1.5**	**2.1**	**1.7**
sulfate	250	1	36.3	36	33	33	34	36	36	38	47	120	120	110	120 J
TDS	500	10	498	470	490	**510**	**500**	**510**	**500**	450	430	**560**	470	**560**	**670**
TOC	--	1	3.9	3.5	3.7	3.3	3.7	3.4	3.5	3.4	3.0	3.6	3.0	2.8	2.9

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-25												
Date of Collection			**9/16/2009**	**3/23/2010**	**9/15/2010**	**6/8/2011**	**6/19/2012**	**6/19/2013**	**6/9/2014**						
Sample ID No.			**LF6VM2544NA**	**LF6VM2544OA**	**LF6VM2544PA**	**LF6VM2544PA**	**LF6VM2544QA**	**LF6VM2544RA**	**LF6VM2544RA**						
Depth to Water (ft)			**3.84**	**3.09**	**4.48**	**2.69**	**3.29**	**2.97**	**2.81**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U						
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U						
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U						
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U						
acetone	50	10	U	U	1.06 FB	U	U	3.5 JQ	3.1 J						
benzene	1	0.1	U	U	U	U	U	U	U						
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U						
chloroform	7	0.3	U	U	U	U	U	U	U						
chloromethane	5*	1	U	U	U	U	U	U	U						
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U						
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U						
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U						
methylene chloride	5*	1	U	U	U	U	U	U	U						
m,p-xylene	5*	2	U	U	U	U	U	U	U						
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U						
toluene	5*	1	U	U	U	U	U	U	U						
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U						
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U						
vinyl chloride	2	1	U	U	U	U	U	U	U						
xylenes, Total	--	1.5	U	U	U	U	U	U	U						
Total VOCs (µg/L)			**0**	**0**	**1.06**	**0**	**0**	**3.5**	**3.1**						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	350	390	330	360	340	350	380 B						
ammonia	2	0.2	1.5	1.3	1.0	0.78	0.67	0.69 J	0.49						
BOD5	--	2.4	U	U	U	2.2 F	U	U	U						
bromide	2	0.5	0.14 F	U	U	U	U	U	U						
COD	--	5	14	15	U	8.7 F	7.3 J	15 J	9.0 JB						
chloride	250	1	23	19	21	19	13	11 J	21 B						
color	15	5	NA	U	NA	U	U	U	U						
cyanide, Total	200	0.02	NA	0.0084 F	U	U	U	U	U						
Fluoride	1.5	1	U	U	U	U	U	U	U						
hardness, Total	--	1	530	520	440	370	380	370	390						
nitrate	10	1	0.043 F	0.052 F	U	U	0.045 J	1.6 J	2.2						
TKN	1	0.2	**1.4**	**1.5**	**1.2**	0.96 F	**1.4 B**	0.86 J	0.28 J						
sulfate	250	1	150	160	110	70	50	28	22 B						
TDS	500	10	**640**	**590**	500	480	430	420	460 B						
TOC	--	1	3.1	2.9	3.4 B	2.6	2.4	2.4	2.4 B						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-26												
Date of Collection			7/6/2006	9/19/2006	12/13/2006	4/17/2007	6/25/2007	10/1/2007	12/12/2007	4/7/2008	6/18/2008	9/29/2008	12/11/2008	4/16/2009	7/1/2009
Sample ID No.			LF6VM02650AA	LF6VM02650BB	LF6VM2650CA	LF6VM2650DA	LF6VM2650EA	LF6VM2650FA	LF6VM2650GA	LF6VM2650HA	LF6VM2650IA	LF6VM2650JA	LF6VM2650KA	LF6VM2650LA	LF6VM2650MA
Depth to Water (ft)			5.35	5.72	4.65	3.85	4.87	5.63	4.91	4.13	4.91	5.39	4.85	4.50	4.92
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	UM	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	UM	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-trichlorobenzene	5	1	UM	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	UM	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
benzene	1	0.1	UM	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UJ	0.600 F
chloroform	7	0.3	UM	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	UM	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	**99 M**	**75.2**	**106**	**90.5 J**	**102**	**91.8**	**108♦**	**115**	**92.8**	**78.0**	**93.9**	**87.4**	**105**
dichlorodifluoromethane	5*	1	UM	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	UM	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	UM	0.12 F	U	U	1.20 F	U	0.550 F♦	U	U	U	U	U	U
m,p-xylene	5*	2	UM	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	UM	U	U	1.07	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	UM	U	U	U	U	U	U	U	U	U	U	0.800 F	U
trichlorofluoromethane	5*	1	UM	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	0.72 M	0.63	U	0.610 F	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	UM	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**99.72**	**75.95**	**106**	**92.18**	**103.20**	**91.8**	**108.55**	**115**	**92.8**	**78.0**	**93.90**	**88.20**	**105.60**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	306	260	240	240	240	240	230	240	250	250	230	220	220
ammonia	2	0.2	U	U	U	U	0.028 F	0.012 F	U	0.043 F♦	0.21♦	U	U	0.030 F	0.088
BOD5	--	2.4	U	U	2.1	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	0.26 F	0.07 F	U	0.080 F	0.055 F	0.059 F	0.090 F♦	0.19	0.22	0.12 F	UJ	0.076 F	0.063 F
COD	--	5	UM	U	9.4 F	17 BJ	17 B♦	U	11 B♦	8.5 F	13♦	3.7 F	3.7 F	6.0 F	6.7 F
chloride	250	1	50	45	51	48	52	61	62	130	120	88	200	93	85
color	15	5	**70**	NA	NA	NA	U	NA	NA	U	10	NA	NA	U	NA
cyanide, Total	200	0.02	UM	NA	NA	NA	U	NA	NA	0.0072 F	U	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	370 M	330	320	320	330	320	350♦	420	420	360	360	340	350
nitrate	10	1	U	U	U	U	U	U	U	U	U	0.031 F	U	U	U
TKN	1	0.2	UM	U	U	U	U	U	U	U	0.21 J	U	U	U	0.11 F
sulfate	250	1	41	42	42	45	53	54	55	53	48	49	46	58	54
TDS	500	10	419	350	380	390	420♦	450	460	**520**	**580♦**	**530**	460	440	**520**
TOC	--	1	0.84 F	0.61 F	0.74 F	0.84 F	1.1	1.1	1.1 ♦	1.4	0.60 F	0.70 F	U	U	0.41 F

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-26												
Date of Collection			**9/16/2009**	**3/24/2010**	**9/16/2010**	**6/8/2011**	**6/20/2012**	**6/18/2013**	**6/10/2014**						
Sample ID No.			**LF6VM2650NA**	**LF6VM2650OA**	**LF6VM2650PA**	**LF6VM2650PA**	**LF6VM2650QA**	**LF6VM2650RA**	**LF6VM2650RA**						
Depth to Water (ft)			**5.57**	**5.00**	**6.22**	**4.47**	**5.12**	**4.94**	**4.77**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U						
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U						
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	0.22 J ♦	U						
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U						
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U						
acetone	50	10	U	U	5.35	U	U	U	U						
benzene	1	0.1	U	U	U	U	U	U	U						
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U						
chloroform	7	0.3	U	U	U	U	U	U	U						
chloromethane	5*	1	U	U	U	U	U	U	U						
cis-1,2-dichloroethene	5*	1	**100**	**80. 4♦**	**82**	**100 F**	**100**	**93 H**	**97**						
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U						
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U						
methylene chloride	5*	1	U	U	U	U	U	U	U						
m,p-xylene	5*	2	U	U	U	U	U	U	U						
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U						
toluene	5*	1	U	U	U	U	U	U	U						
trans-1,2-dichloroethene	5*	1	0.550 F	U	U	0.35 F	0.25 J	U	U						
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U						
vinyl chloride	2	1	U	U	U	U	U	0.16 J ♦	U						
xylenes, Total	--	1.5	U	U	U	U	U	U	U						
Total VOCs (µg/L)			**100.55**	**80.4**	**87.35**	**100.35**	**100.25**	**93.38**	**97**						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	210	200	220	230	230	240	240						
ammonia	2	0.2	U	U	U	0.098	0.48 J♦	0.036 J	U						
BOD5	--	2.4	U	U	24 J	2.5	U	U	U						
bromide	2	0.5	0.083 F	U	U	0.11	0.17 J	0.16 J	U						
COD	--	5	6.7 F	U	23	U	U	12 J ♦	8.4 J♦						
chloride	250	1	100	140 ♦	140	150 ♦	180	200	200						
color	15	5	NA	U	NA	U	10 ♦	U	5						
cyanide, Total	200	0.02	NA	NA	U	U	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	U	U	0.085 J						
hardness, Total	--	1	360	370	400	410 ♦	410	440	420 ♦						
nitrate	10	1	0.044 F	0.060 F	U	U	0.042 J♦	U	U						
TKN	1	0.2	U	0.28 B ♦	U	0.31	0.67 JB	0.58 J	U						
sulfate	250	1	53	49	51	50	47	43	41						
TDS	500	10	430	490♦	440	490	**510**	**590**	**550**						
TOC	--	1	0.60 F	0.66 F	1.0	0.81 ♦	0.73 J♦	1.0 ♦	0.85 JB♦						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	TMCMW-9												
Date of Collection			6/29/2006	9/19/2006	12/12/2006	4/17/2007	6/25/2007	10/1/2007	12/11/2007	4/3/2008	6/17/2008	10/2/2008	12/10/2008	4/16/2009	6/30/2009
Sample ID No.			TMC0919AA	TMC0919BB	TMCM0919CA	TMCM0919DA	TMCM0919EA	TMCM0919FA	TMCM0919GA	TMCM0919HA	TMCM0919IA	TMCM0919JA	TMCM0919KA	TMCM0919LA	TMCM0919MA
Depth to Water (ft)			**2.62**	**3.20**	**2.82**	**1.23**	**2.36**	**3.02**	**2.62**	**1.50**	**3.32**	**3.15**	**2.29**	**2.06**	**2.48**
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	U	U	U	U	U	1.20 F	U	U	U	U	U	U
benzene	1	0.1	U	U	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	U	UJ	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	U	U	U	U	U	U	U	0.480 F	U	U
cis-1,2-dichloroethene	5*	1	U	0.12 F	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	0.120 F	U	U	U	0.190 F	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0**	**0.12**	**0.12**	**0**	**0**	**0**	**1.390**	**0**	**0**	**0**	**0.480**	**0**	**0**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	596	500	480	500	500	500	480	500	520	500	480	440	490
ammonia	2	0.2	0.8	1.5	U	0.42	1.3	1.3	0.028 F	0.28	1.4	1.3	U	0.041 F	1.3
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	0.11 F	U	0.077 F	0.098 F	0.051 F	0.1	0.11 F	UJ	U	0.083 F
COD	--	5	20.2 B	5 F	11	17 B	33	13	17 B	8.5 F	8.5 F	15	15 B	15	11
chloride	250	1	86.4	89	90	88	93	87	87	87	82	80	79	78	70
color	15	5	10	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	U	NA	NA	NA	0.0089 F	NA	NA	0.0061 F	NA	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	546	610	530	560	570	570	530	540	640	560	470	470	540
nitrate	10	1	0.05 F	0.065 F	1.4	1.2	0.17 F	0.13 F	1.5	1.1	U	0.088 F	1.4	1.7	0.12 F
TKN	1	0.2	**1.4**	**1.5**	0.13 F	0.41	**1.4**	**1.3**	0.12 F	0.4	**1.2**	**1.3**	0.069 F	0.11 F	**1.5**
sulfate	250	1	87.4	93	92	85	90	85	84	87	82	77	74	74	66
TDS	500	10	**772**	**810**	**750**	**810**	**730**	**830**	**730**	**740**	**810**	**730**	**700**	**710**	**830**
TOC	--	1	3.5	3.3	3.4	3.3	4.0	3.4	3.2	3.3	3.2	3.3	3.7 B	2.9	3.5

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	TMCMW-9												
Date of Collection			**9/16/2009**	**3/23/2010**	**9/15/2010**	**6/8/2011**	**6/19/2012**	**6/19/2013**	**6/9/2014**						
Sample ID No.			**TMCM0919NA**	**TMCM0919OA**	**TMCM0919PA**	**TMCM0919PA**	**TMCM0919QA**	**TMCM0919RA**	**TMCM0919RA**						
Depth to Water (ft)			**3.26**	**2.45**	**3.88**	**2.18**	**2.67**	**2.49**	**2.32**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U						
1,1-dichloroethene	5*	1	U	U	U	U	U	U	U						
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U						
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U						
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U						
acetone	50	10	U	U	1.53 FB	U	U	U	U						
benzene	1	0.1	U	U	U	U	U	U	U						
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U						
chloroform	7	0.3	U	U	U	U	U	U	U						
chloromethane	5*	1	U	U	U	U	U	U	U						
cis-1,2-dichloroethene	5*	1	0.110 F	U	0.120 F	U	U	U	U						
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U						
hexachlorobutadiene	0.5*	0.6	U	U	U	U	U	U	U						
methylene chloride	5*	1	U	U	U	U	U	U	U						
m,p-xylene	5*	2	U	U	U	U	U	U	U						
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U						
toluene	5*	1	U	U	U	U	U	U	U						
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U						
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U						
vinyl chloride	2	1	U	U	U	U	U	U	U						
xylenes, Total	--	1.5	U	U	U	U	U	U	U						
Total VOCs (µg/L)			**0.11**	**0**	**1.65**	**0**	**0**	**0**	**0**						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	480	460	500	470	470	460	450 B						
ammonia	2	0.2	1.3	U	1.4	0.75	0.71	0.79	0.4						
BOD5	--	2.4	U	U	U	U	U	U	U						
bromide	2	0.5	0.097 F	0.1 F	U	U	0.15 J	0.17 J	U						
COD	--	5	16	12	12	7.3 F	14 J	15 J	10 JB						
chloride	250	1	72	70	70	69	75	62	52 B						
color	15	5	NA	U	NA	U	U	U	10						
cyanide, Total	200	0.02	NA	0.012 F	U	U	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	U	U	U						
hardness, Total	--	1	580	490	510	460	460	78	480						
nitrate	10	1	0.21	1.1	U	0.45 F	2.0	0.61	0.99 B						
TKN	1	0.2	**1.3**	U	**1.5**	0.86 F	1.4 B	0.90 J	0.24 J						
sulfate	250	1	66	63	59	60	70	71	84 B						
TDS	500	10	**710**	**630**	**620**	**650**	**670**	**670**	**670 B**						
TOC	--	1	3.3	2.9	3.8	3.4	3.0	3.4	3.0						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	TMC-USGS-2												
Date of Collection			7/6/2006	9/19/2006	12/13/2006	4/18/2007	6/21/2007	10/1/2007	12/11/2007	4/8/2008	6/18/2008	10/2/2008	12/11/2008	4/14/2009	7/1/2009
Sample ID No.			TMCUM0277AA	TMCUM0277BB	TMCUM0227CA	TMCUM0227DA	TMCUM0227EA	TMCUM0277FA	TMCUM0277GA	TMCUM0277HA	TMCUM0227IA	TMCUM0227JA	TMCUM0227KA	TMCUM0227LA	TMCUM0227MA
Depth to Water (ft)			4.38	4.81	3.62	2.66	3.91	5.03	4.25	3.20	6.80	4.68	4.00	3.85	4.17
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
1,2,3-trichlorobenzene	5	1	U												
1,2-dichloroethane	0.6	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	0.25 F	U	UJ	0.110 F	0.100 F	U	U	U	U	U	U	U
acetone	50	10	1 F	U	U	UJ	U	U	U	U	U	U	U	U	U
benzene	1	0.1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	0.11 F	U	U	UJ	U	U	U	U	U	U	U	UJ	0.140 F
chloroform	7	0.3	U	U	U	UJ	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	U	U	UJ	U	U	U	U	U	U	0.360 F	U	U
dichlorodifluoromethane	5*	1	U	U	UJ	UJ	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	0.16 F	U	U	UJ	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	0.43 F	0.170 F	UJ	0.120 F	U	0.150 F	U	U	U	U	U	U
m,p-xylene	5*	2	U	U	U	UJ	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	U	U	UJ	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**1.27**	**0.68**	**0.17**	**0**	**0.23**	**0.1**	**0.150**	**0**	**0**	**0**	**0.36**	**0**	**0.140**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	156	130	190	240	150	170	170	150	190	160	150	180	130
ammonia	2	0.2	0.066 B	0.077 B	0.12	0.10	0.09	0.048 F	0.1	0.026 F	0.22	0.052 B	0.053	0.086 B	0.073
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	0.034 F	U	0.038 F	0.032 F	0.034 F	0.046 F	0.045 F	0.042 F	0.038 F	UJ	0.040 F	0.028 F
COD	--	5	16.1 B	U	U	26 B	15 B	39	26 B	26 B	15	19	31	6.0 F	23
chloride	250	1	21.9	22	21	21	23	21	21	21	21	22	19	23	23
color	15	5	**100**	NA	NA	NA	U	NA	NA	U	U	NA	NA	U	NA
cyanide, Total	200	0.02	U	NA	NA	NA	U	NA	NA	U	U	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	260	200	250	260	200	200	200	180	210	200	210	300	190
nitrate	10	1	U	0.09 F	0.11	0.016 F	0.033 F	0.045 F	0.047 F	0.048 F	0.050 F	0.045 F	0.085	2.5 I	0.052 F
TKN	1	0.2	0.1 F	0.077 F	0.40	0.34	0.13 F	0.11 F	0.095 F	0.098 F	**2.50**	0.15 F	0.19 F	0.46	0.18 F
sulfate	250	1	32.8	35	33	34	34	33	31	33	32	32	29	33	31
TDS	500	10	243	210	250	250	290	260	220	180	250	240	200	190	270
TOC	--	1	0.54 F	0.76 F	0.73 F	U	U	0.51 F	0.66 F	U	U	0.55 F	U	U	0.50 F

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	TMC-USGS-2												
Date of Collection			**9/16/2009**	**3/24/2010**	**9/15/2010**	**6/7/2011**	**6/20/2012**	**6/18/2013**	**6/5/2014**						
Sample ID No.			**TMCUM0227NA**	**TMCUM0227OA**	**TMCUM0227PA**	**TMCUM0227PA**	**TMCUM0227QA**	**TMCUM0227RA**	**TMCUM0227RA**						
Depth to Water (ft)			**5.06**	**4.12**	**5.79**	**3.67**	**4.54**	**4.20**	**4.17**						
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	U	U	NA	NA	NA	NA						
1,1-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
1,2,3-trichlorobenzene	5	1				NA	NA	NA	NA						
1,2-dichloroethane	0.6	1	U	U	U	NA	NA	NA	NA						
1,4-dichlorobenzene	3	0.5	U	U	U	NA	NA	NA	NA						
acetone	50	10	U	U	2.15 FB	NA	NA	NA	NA						
benzene	1	0.1	U	U	U	NA	NA	NA	NA						
carbon disulfide	1,000	0.5	U	U	U	NA	NA	NA	NA						
chloroform	7	0.3	U	U	U	NA	NA	NA	NA						
chloromethane	5*	1	U	U	U	NA	NA	NA	NA						
cis-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
dichlorodifluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
hexachlorobutadiene	0.5*	0.6	U	U	U	NA	NA	NA	NA						
methylene chloride	5*	1	U	U	U	NA	NA	NA	NA						
m,p-xylene	5*	2	U	U	U	NA	NA	NA	NA						
trichloroethene (TCE)	5*	1	U	U	U	NA	NA	NA	NA						
toluene	5*	1	U	U	U	NA	NA	NA	NA						
trans-1,2-dichloroethene	5*	1	U	U	U	NA	NA	NA	NA						
trichlorofluoromethane	5*	1	U	U	U	NA	NA	NA	NA						
vinyl chloride	2	1	U	U	U	NA	NA	NA	NA						
xylenes, Total	--	1.5	U	U	U	NA	NA	NA	NA						
Total VOCs (µg/L)			**0**	**0**	**2.15**	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	150	160	200	140	130	120	130 B						
ammonia	2	0.2	0.063	U	0.082	0.14	0.096 JB	0.076 J	0.079 J						
BOD5	--	2.4	U	U	U	U	U	U	U						
bromide	2	0.5	0.036 F	U	U	U	U	U	U						
COD	--	5	34	14	47	U	U	5.1 J	U						
chloride	250	1	24	25	29	28	28	31	40 B						
color	15	5	NA	U	NA	5	U	U	U						
cyanide, Total	200	0.02	NA	NA	U	NA	U	U	U						
Fluoride	1.5	1	NA	NA	NA	NA	U	U	0.072 JB						
hardness, Total	--	1	210	190	340	190	170	160	220 B						
nitrate	10	1	0.1	0.092 F	U	0.11 F	0.37 J	0.35 J	0.45 J						
TKN	1	0.2	U	0.20 B	0.61 B	0.46 F	0.65 JB	0.58 J	U						
sulfate	250	1	31	32	32	31	27	24	28 B						
TDS	500	10	260	230	260	250	210	190	240 B						
TOC	--	1	0.52 F	U	1.9 B	1.1	0.70 J	1.0	0.87 JB						

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6LH-1												
Date of Collection			12/20/2006	4/18/2007	6/21/2007	10/1/2007	12/11/2007	4/8/2008	6/18/2008	10/1/2008	12/10/2008	4/16/2009	6/30/2009	9/17/2009	3/24/2010
Sample ID No.			LF6LH0101CA	LF6LH0101DA	LF6LH0101EA	LF6LH0101FA	LF6LH0101GA	LF6LH0101HA	LF6LH0101IA	LF6LH0101JA	LF6LH0101KA	LF6LH0101LA	LF6LH0101MA	LF6LH0101NA	LF6LH0101OA
Depth to Water (ft)			Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	UJ	U	U	U	U	U	U	U	U	U	U	U
acetone	50	10	U	2.34 F	U	U	U	U	U	U	U	1.45 F	1.08 F	2.63 F	1.81 F
benzene	1	0.1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	UJ	U	U	U	U	U	U	U	U	U	U	U
chloroform	7	0.3	U	UJ	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	UJ	UJ	UJ	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	UJ	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	0.210 F	UJ	U	U	0.120 F	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	UJ	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	U	U	U	U	0.230 F	0.310 F	U
trans-1,2-dichloroethene	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	UJ	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0.21**	**2.34**	**0.21**	**0**	**0.120**	**0**	**0**	**0**	**0**	**1.45**	**1.31**	**2.94**	**1.81**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	180	130	180	180	190	150	180	190	190 B	150	190	200	160
ammonia	2	0.2	U	0.051	0.041 F	0.034 F	0.042 F	0.016 F	0.10 B	0.063 B	0.031 F	0.10 B	0.07	0.065	U
BOD5	--	2.4	3.1	2.1	U	U	U	2.2	2.4	U	U	2.6	U	2.4	U
bromide	2	0.5	U	U	U	U	0.27	U	0.33	0.19 F	UJ	0.013 F	0.021 F	0.022 F	U
COD	--	5	20	15 B	20 B	13	28 B	20	120	13	17 B	53	14	23	8.1 F
chloride	250	1	2.2	2.2	2.7	2.6	60	1.8	74	59	58	3.5	7.3	6.4	6.5
color	15	5	NA	NA	10	NA	NA	10	U	NA	NA	10	NA	NA	U
cyanide, Total	200	0.02	NA	NA	U	NA	NA	U	U	NA	NA	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	200	140	210	210	290	160	480	270	250	170	220	240	180
nitrate	10	1	U	**16**	U	U	U	0.016 F	0.016 F	U	U	U	0.014 F	0.029 F	0.016 F
TKN	1	0.2	0.085 F	0.14 F	0.11 F	0.25 B	0.39	0.46	**2.2**	0.38	0.20	0.93	0.28	0.36	0.32 B
sulfate	250	1	23	U	19	20	36	16	34	38	37	20	8.3	14	24
TDS	500	10	200	160	240	220	340	140	390	330	360	210	250	250	230
TOC	--	1	2.1	1.8	3.1	2.6	1.4 F	1.9 B	U	1.7	1.2 B	1.9	2.6	3.5	2.4 B

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6LH-1												
Date of Collection			**9/16/2010**	**6/8/2011**	**6/21/2012**	**6/18/2013**	**6/5/2014**								
Sample ID No.			**LF6LH0101PA**	**LF6LH0101PA**	**LF6LH0101QA**	**LF6LH0101RA**	**LF6LH0101RA**								
Depth to Water (ft)			**Leachate**	**Leachate**	**Leachate**	**Leachate**	**Leachate**								
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	NA	NA	NA	NA								
1,1-dichloroethene	5*	1	U	NA	NA	NA	NA								
1,2-dichloroethane	0.6	1	U	NA	NA	NA	NA								
1,4-dichlorobenzene	3	0.5	U	NA	NA	NA	NA								
acetone	50	10	3.09 FB	NA	NA	NA	NA								
benzene	1	0.1	U	NA	NA	NA	NA								
carbon disulfide	1,000	0.5	U	NA	NA	NA	NA								
chloroform	7	0.3	U	NA	NA	NA	NA								
chloromethane	5*	1	U	NA	NA	NA	NA								
cis-1,2-dichloroethene	5*	1	U	NA	NA	NA	NA								
dichlorodifluoromethane	5*	1	U	NA	NA	NA	NA								
hexachlorobutadiene	0.5*	0.6	U	NA	NA	NA	NA								
methylene chloride	5*	1	U	NA	NA	NA	NA								
m,p-xylene	5*	2	U	NA	NA	NA	NA								
trichloroethene (TCE)	5*	1	U	NA	NA	NA	NA								
toluene	5*	1	1.08	NA	NA	NA	NA								
trans-1,2-dichloroethene	5*	1	U	NA	NA	NA	NA								
trichlorofluoromethane	5*	1	U	NA	NA	NA	NA								
vinyl chloride	2	1	U	NA	NA	NA	NA								
xylenes, Total	--	1.5	U	NA	NA	NA	NA								
Total VOCs (µg/L)			**4.17**	NA	NA	**NA**	**NA**								
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	190	200	240	190	190 B								
ammonia	2	0.2	0.6	0.31	0.16 B	0.062 J	1.7								
BOD5	--	2.4	9.7 J	U	3.0	18	8.7 J								
bromide	2	0.5	U	U	U	U	U								
COD	--	5	130	9.3 F	41	88 J	560								
chloride	250	1	6.0	2.5 F	12	2.3 J	9.0 B								
color	15	5	NA	**40**	U	U	**25**								
cyanide, Total	200	0.02	U	U	U	U	U								
Fluoride	1.5	1	NA	0.20 J	0.067 J	0.085 J	0.10 JB								
hardness, Total	--	1	220	200	230	210	400 B								
nitrate	10	1	U	U	U	U	U								
TKN	1	0.2	**3.2**	0.87 F	0.80 JB	**1.4**	**11**								
sulfate	250	1	10	5.4	2.1	9.7	3.0 JB								
TDS	500	10	190	210	270	220	240 B								
TOC	--	1	11	3.7	8.1	5.9	22								

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6LH-2												
Date of Collection			12/20/2006	4/18/2007	6/21/2007	10/1/2007	12/12/2007	4/8/2008	6/18/2008	10/1/2008	12/10/2008	4/16/2009	7/1/2009	9/17/2009	3/25/2010
Sample ID No.			LF6LH0201CA	LF6LH0201DA	LF6LH0201EA	LF6LH0201FA	LF6LH0201GA	LF6LH0201HA	LF6LH0201IA	LF6LH0201JA	LF6LH0201KA	LF6LH0201LA	LF6LH0201MA	LF6LH0201NA	LF6LH0201OA
Depth to Water (ft)			Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate	Leachate
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
1,1-dichloroethene	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
1,2-dichloroethane	0.6	1	U	UJ	U	U	U	U	U	U	0.130 F	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	UJ	U	U	U	0.180 F	U	U	U	U	U	U	U
acetone	50	10	U	UJ	U	U	U	U	U	U	1.85 F	U	U	U	U
benzene	1	0.1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
carbon disulfide	1,000	0.5	U	UJ	U	U	0.100 F	U	U	U	U	U	U	U	U
chloroform	7	0.3	U	UJ	U	U	U	U	U	U	U	U	U	U	U
chloromethane	5*	1	UJ	UJ	UJ	U	U	U	U	U	0.640 F	U	U	0.540 F	U
cis-1,2-dichloroethene	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
hexachlorobutadiene	0.5*	0.6	U	UJ	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	0.150 F	UJ	0.120 F	U	U	U	U	U	U	U	U	U	U
m,p-xylene	5*	2	U	UJ	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	U	U	U	U	U	1.33	0.400	U	U	U	U	U
trans-1,2-dichloroethene	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
trichlorofluoromethane	5*	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	2	1	U	UJ	U	U	U	U	U	U	U	U	U	U	U
xylenes, Total	--	1.5	U	UJ	U	U	U	U	U	U	U	U	U	U	U
Total VOCs (µg/L)			**0.15**	**0**	**0.12**	**0**	**0.100**	**0.180**	**1.330**	**0.400**	**2.85**	**0**	**0**	**0.54**	**0**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	190	180	180	180	160	190	190	170	140 B	180	170	170	160
ammonia	2	0.2	U	0.031 F	0.046 F	0.043 F	0.013 F	0.046 F	0.31	0.17	0.054	0.084 B	0.082	0.074	0.046 F
BOD5	--	2.4	U	U	U	U	4.1	U	9.6	3.8	13	U	U	U	U
bromide	2	0.5	0.080 F	0.19 F	0.17	0.32	U	0.13	0.029 F	0.023 F	UJ	0.31	0.22 F	0.31	0.24 F
COD	--	5	7.3 F	17 B	17 B	4.1 F	13 B	15	39	17	250	13	U	6.7 F	12
chloride	250	1	37	49	56	71	2.0	64	11	5.1	6.1	79	80	91	99
color	15	5	NA	NA	U	NA	NA	U	**45**	NA	NA	U	NA	NA	U
cyanide, Total	200	0.02	NA	NA	U	NA	NA	U	U	NA	NA	NA	NA	NA	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	220	220	230	250	200	280	250	220	210	250	250	260	270
nitrate	10	1	U	U	U	U	0.018 F	0.033 F	0.034 F	U	U	U	U	0.029 F	U
TKN	1	0.2	U	U	U	0.12 F	0.088 F	0.26	**1.8**	0.70	**4.6**	0.20	0.26	U	0.35 B
sulfate	250	1	37	36	39	36	24	36	15	17	21	39	38	38	37
TDS	500	10	270	320	360	390	200	330	250	210	190	400	420	380	380
TOC	--	1	0.56 F	U	U	0.71 F	2.7	0.49 F	4.6	5.7	5.9 B	U	U	0.46 F	1.3 B

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6LH-2												
Date of Collection			**9/16/2010**	**6/8/2011**	**6/21/2012**	**6/19/2013**	**6/5/2014**								
Sample ID No.			**LF6LH0201PA**	**LF6LH0201PA**	**LF6LH0201QA**	**LF6LH0201RA**	**LF6LH0201RA**								
Depth to Water (ft)			**Leachate**	**Leachate**	**Leachate**	**Leachate**	**Leachate**								
VOCs (µg/L)															
1,1,1-trichloroethane	5*	1	U	NA	NA	NA	NA								
1,1-dichloroethene	5*	1	U	NA	NA	NA	NA								
1,2-dichloroethane	0.6	1	U	NA	NA	NA	NA								
1,4-dichlorobenzene	3	0.5	U	NA	NA	NA	NA								
acetone	50	10	1.99 FB	NA	NA	NA	NA								
benzene	1	0.1	U	NA	NA	NA	NA								
carbon disulfide	1,000	0.5	U	NA	NA	NA	NA								
chloroform	7	0.3	U	NA	NA	NA	NA								
chloromethane	5*	1	U	NA	NA	NA	NA								
cis-1,2-dichloroethene	5*	1	U	NA	NA	NA	NA								
dichlorodifluoromethane	5*	1	U	NA	NA	NA	NA								
hexachlorobutadiene	0.5*	0.6	U	NA	NA	NA	NA								
methylene chloride	5*	1	U	NA	NA	NA	NA								
m,p-xylene	5*	2	U	NA	NA	NA	NA								
trichloroethene (TCE)	5*	1	U	NA	NA	NA	NA								
toluene	5*	1	U	NA	NA	NA	NA								
trans-1,2-dichloroethene	5*	1	U	NA	NA	NA	NA								
trichlorofluoromethane	5*	1	U	NA	NA	NA	NA								
vinyl chloride	2	1	U	NA	NA	NA	NA								
xylenes, Total	--	1.5	U	NA	NA	NA	NA								
Total VOCs (µg/L)			**1.99**	NA	NA	**NA**	**NA**								
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	160	160	120	140	290 B								
ammonia	2	0.2	0.051	0.097 F	0.022 JB	0.22	0.86								
BOD5	--	2.4	U	4.1	U	U	U								
bromide	2	0.5	U	0.19 F	U	0.14 J	U								
COD	--	5	9.0 F	U	12	4300 D	150								
chloride	250	1	120	100	6.7	150	7.5 B								
color	15	5	NA	5	U	U	10								
cyanide, Total	200	0.02	U	U	U	U	U								
Fluoride	1.5	1	NA	NA	0.074 J	0.068 J	0.10 JB								
hardness, Total	--	1	300	240	160	2700 D	360 B								
nitrate	10	1	U	U	0.079 J	U	0.095 J								
TKN	1	0.2	0.32 B	0.45 F	0.81 JB	**26**	**2.7**								
sulfate	250	1	39	37	30	36	3.7 JB								
TDS	500	10	360	360	190	380	350 B								
TOC	--	1	1.0	0.77 F	2.3	39	10 B								

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-1												
Date of Collection			7/6/2006	9/19/2006	12/14/2006	4/17/2007	6/25/2007	10/1/2007	12/11/2007	4/3/2008	6/18/2008	10/1/2008	12/10/2008	4/16/2009	6/30/2009
Sample ID No.			LF6SW0101AA	LF6SW0101BB	LF6SW0101CA	LF6SW0101DA	LF6SW0101EA	LF6SW0101FA	LF6SW0101GA	LF6SW0101HA	LF6SW01011A	LF6SW0101JA	LF6SW0101KA	LF6SW0101LA	LF6SW0101MA
Depth to Water (ft)			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
VOCs (ug/L)															
1,2-dichlorobenzene	3	1	U	0.22 F	0.110 F	U	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	0.21 F	U	0.120 F	U	U	0.220 F	0.190 F	U	U	U	U	U
acetone	50	10	2.2 F	2.21	1.45 F	U	1.6 F	U	1.51 F	U	U	U	2.47	2.38 F	1.81 F
benzene	1	0.1	U	U	U	U	U	U	0.350 F	U	U	U	U	0.110 F	U
carbon disulfide	--	0.5	U	U	U	U	U	U	0.170 F	U	U	U	U	U	U
chlorobenzene	5	0.5	0.37 F	0.92	0.560	0.430 F	0.160 F	0.210 F	1.11	0.370 F	U	0.350 F	0.160	0.380 F	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	0.130 F	U
chloromethane	--	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5**	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
methylene chloride	5	1	U	U	0.210 F	U	U	U	0.120 F	U	U	U	U	U	U
tetrachloroethene	0.7	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5	1	U	0.13 F	U	U	U	U	U	U	U	U	U	U	U
trans-1,2-Dichloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	0.3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	276	370	230	190	230	250	240	180	130	210	96 B	190	220
ammonia	2	0.2	U	0.049 F	0.053	0.033 F	0.063	0.041 F	0.13	0.022 F	0.19	0.2	0.059	0.046 F	0.033 F
BOD5	--	2.4	U	2.2	U	U	U	U	U	U	U	U	2.4	U	U
bromide	2	0.5	0.31 F	0.14 F	0.11	0.12	0.28	0.28	0.23	0.13 F	0.2	0.26	UJ	0.19 F	0.18 F
COD	--	5	U	50	20 B	26 B	15 B	8.5 F	15 B	15	15	17	33	120	11
chloride	250	1	184	180	130	140	180	170	190	140	74	130	140	150	160
color	15	5	**18 B**	NA	NA	NA	15	NA	NA	**45**	**20**	NA	NA	10	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	370	340	300	250	340	350	330	260	200	300	150	260	320
nitrate	10	1	0.48 F	0.42 F	0.69	1.1	0.1	0.042 F	0.72	0.82	0.24	0.29	0.49	0.39 F	0.17 F
TKN	1	0.2	0.087 F	0.19 F	0.22 F	0.27	0.17 F	0.30 B	0.32	0.32	0.38	0.42	0.61	0.22	0.20
sulfate	250	1	52.8	49	47	37	47	45	45	39	23	37	18	39	40
TDS	500	10	**695**	**640**	**570**	480	**610**	**640**	**640**	480	340	490	410	490	**590**
TOC	--	1	2.7	3.3	3.2	4.9	2.8	2.9	3.1	4.6	3.5	3.8	4.8 B	2.1	2.3

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-1												
Date of Collection			9/17/2009	3/24/2010	9/16/2010	6/8/2011	6/21/2012	6/19/2013	6/5/2014						
Sample ID No.			LF6SW0101NA	LF6SW0101OA	LF6SW0101PA	LF6SW0101QA	LF6SW0101QA	LF6SW0101RA	LF6SW0101RA						
Depth to Water (ft)			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water						
VOCs (ug/L)															
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U						
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U						
acetone	50	10	3.1 F	2.17 F	1.97 FB	U	U	U	U						
benzene	1	0.1	U	0.160 F	U	U	U	U	U						
carbon disulfide	--	0.5	U	U	U	U	U	U	U						
chlorobenzene	5	0.5	U	0.400 F	U	U	U	U	U						
chloroform	7	0.3	U	U	U	U	U	U	U						
chloromethane	--	1	U	U	U	U	U	U	U						
cis-1,2-dichloroethene	5	1	U	U	U	U	U	U	U						
dichlorodifluoromethane	5**	1	U	U	U	U	U	U	U						
methylene chloride	5	1	U	U	U	U	U	U	U						
tetrachloroethene	0.7	1	U	U	U	U	U	U	U						
trichloroethene (TCE)	5	1	U	U	U	U	U	U	U						
trans-1,2-Dichloroethene	5	1	U	U	U	U	U	U	U						
vinyl chloride	0.3	1	U	U	U	U	U	U	U						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	250	190	250	200	250	170	190 B						
ammonia	2	0.2	0.032 F	U	0.026 F	0.16	0.070 JB	0.29	0.23						
BOD5	--	2.4	U	U	U	U	3.1 J	U	2.2 J						
bromide	2	0.5	0.25 F	0.17 F	U	0.16 F	0.27 J	0.19 J	1.1						
COD	--	5	9.0 F	17	7.9 F	5.6 F	7.0 J	26	U						
chloride	250	1	180	120	180	150	190	140	160						
color	15	5	NA	**30**	NA	U	U	U	70						
Fluoride	1.5	1	NA	NA	NA	NA	U	0.071 J	0.087 JB						
hardness, Total	--	1	350	250	340	260	300	230	470 B						
nitrate	10	1	0.16 F	0.87	U	0.49 F	0.23 J	0.23 J	0.26 J						
TKN	1	0.2	0.11 F	0.67 B	0.30 B	0.51 F	0.86 JB	0.81 J	0.29 J						
sulfate	250	1	43	35	40	35	40	23	18 B						
TDS	500	10	**620**	440	**550**	**510**	**590**	450	**510 B**						
TOC	--	1	2	6.4	2.5	2.3	2.0	6.0	6.7 B						

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-2												
Date of Collection			7/6/2006	9/19/2006	12/14/2006	4/17/2007	6/21/2007	10/1/2007	12/11/2007	4/3/2008	6/18/2008	10/1/2008	12/10/2009	4/16/2009	7/1/2009
Sample ID No.			LF6SW0201AA	LF6SW0201BB	LF6SW0201CA	LF6SW0201DA	LF6SW0201EA	LF6SW0201FA	LF6SW0201GA	LF6SW0201HA	LF6SW02011A	LF6SW0201JA	LF6SW0201KA	LF6SW0201LA	LF6SW0201MA
Depth to Water (ft)			Surface Water	Surface Water	SurfaceWater	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
VOCs (µg/L)															
1,2-dichlorobenzene	3	1	U	0.25 F	0.110 F	U	U	U	0.110 F	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	0.22 F	U	0.110 F	U	U	0.110 F	U	U	U	U	U	U
acetone	50	10	1.5 F	1.42 F	1.18 F	1.12 F	U	1.26 F	1.55 F	U	3.20	U	1.73 F	2.64 F	U
benzene	1	0.1	U	0.12 F	U	U	U	U	0.210 F	U	U	U	U	U	U
carbon disulfide	--	0.5	U	U	U	U	U	U	0.170 F	U	U	U	U	U	U
chlorobenzene	5	0.5	0.23 F	1.15	0.480 F	0.340 F	0.130 F	0.130 F	0.720	0.300 F	0.200 F	0.260 F	U	0.280 F	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	0.110 F	U
chloromethane	--	1	U	U	U	U	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5**	1	U	U	UJ	U	U	U	U	U	U	U	U	U	U
methylene chloride	5	1	U	U	0.200 F	U	U	U	0.130 F	U	U	U	U	U	U
tetrachloroethene	0.7	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5	1	U	U	U	0.110 F	U	U	U	U	U	U	U	U	U
trans-1,2-Dichloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	0.3	1	U	U	U	U	U	U	U	U	U	U	U	U	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	279	250	230	170	230	250	230	190	130	210	130 B	180	220
ammonia	2	0.2	U	0.041 F	0.050	0.024 F	0.13	0.028 F	0.14	0.017 F	0.21	0.23	0.036 F	0.15	0.048 F
BOD5	--	2.4	U	U	U	U	U	U	U	3.0	U	U	2.3	14	U
bromide	2	0.5	0.31 F	0.14 F	0.11	0.12 F	0.21	0.24	0.23	0.13 F	0.2	0.25	UJ	0.17 F	0.19 F
COD	--	5	U	16	16 B	28 B	20 B	8.5 F	11 B	17	17	13	26 B	15	18
chloride	250	1	144	180	130	130	140	150	190	140	72	130	91	140	160
color	15	5	**18 B**	NA	NA	NA	**25**	NA	NA	**30**	**20**	NA	NA	**20**	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	370	350	300	240	330	350	350	270	190	290	180	260	300
nitrate	10	1	0.44 F	0.3 F	0.67	0.80	0.11	0.031 F	0.67	0.77	0.23	0.29	0.32	0.20 F	0.13 F
TKN	1	0.2	U	0.12 F	0.26 F	0.25	0.25 B	0.21 B	0.31	0.40	0.26	0.42	0.58	**2.8**	0.37
sulfate	250	1	52	53	46	36	47	44	45	39	23	37	22	38	41
TDS	500	10	**636**	**4,600**	**550**	460	**580**	**600**	**630**	470	310	460	370	390	**600**
TOC	--	1	3	2.7	3.4	4.7	4.2	3.3	2.9	3.8	3.4	3.9	6.3 B	3.6	2.2

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-2												
Date of Collection			9/17/2009	3/25/2010	9/16/2010	6/8/2011	6/21/2012	6/19/2013	6/5/2014						
Sample ID No.			LF6SW0201NA	LF6SW0201OA	LF6SW0201PA	LF6SW0201PA	LF6SW0201QA	LF6SW0201RA	LF6SW0201RA						
Depth to Water (ft)			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water						
VOCs (ug/L)															
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U						
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U						
acetone	50	10	1.54 F	3.67 F	1.22 FB	4.4 F	U	U	U						
benzene	1	0.1	U	0.180 F	U	U	U	U	U						
carbon disulfide	--	0.5	U	U	U	U	U	U	U						
chlorobenzene	5	0.5	U	0.420 F	U	U	U	U	U						
chloroform	7	0.3	U	U	U	U	U	U	U						
chloromethane	--	1	U	U	U	U	U	U	U						
cis-1,2-dichloroethene	5	1	U	U	U	U	U	U	U						
dichlorodifluoromethane	5**	1	U	U	U	U	U	U	U						
methylene chloride	5	1	U	U	U	U	U	U	U						
tetrachloroethene	0.7	1	U	U	U	U	U	U	U						
trichloroethene (TCE)	5	1	U	U	U	U	U	U	U						
trans-1,2-Dichloroethene	5	1	U	U	U	U	U	U	U						
vinyl chloride	0.3	1	U	U	U	U	U	U	U						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	250	210	250	200	250	160	190 B						
ammonia	2	0.2	0.025 F	U	U	0.17	0.075 JB	0.27	0.18						
BOD5	--	2.4	U	U	U	U	U	U	2.5						
bromide	2	0.5	0.25 F	0.19 F	U	0.16 F	0.27 J	0.19 J	1.3						
COD	--	5	9.0 F	13	U	U	6.3 J	25	24						
chloride	250	1	170	140	170	150	180	140	160						
color	15	5	NA	**20**	NA	U	U	U	**50**						
Fluoride	1.5	1	NA	NA	NA	NA	U	0.072 J	0.086 JB						
hardness, Total	--	1	360	270	330	260	310	250	280 B						
nitrate	10	1	0.15 F	0.8	U	0.52	0.19 J	0.23 J	0.28 J						
TKN	1	0.2	U	0.43 B	0.25 B	0.47 F	0.80 JB	0.81 J	0.29 J						
sulfate	250	1	43	37	40	35	39	24	19 B						
TDS	500	10	**620**	480	**510**	490	**560**	440	**510 B**						
TOC	--	1	2.2	5.2	2.3	2.1	2.2	5.7	6.9 B						

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-3												
Date of Collection			7/6/2006	9/19/2006	12/14/2006	4/18/2007	6/21/2007	10/1/2007	12/11/2007	4/7/2008	6/18/2008	10/1/2008	12/10/2008	4/16/2009	6/30/2009
Sample ID No.			LF6SW0301AA	LF6SW0301BB	LF6SW0301CA	LF6SW0301DA	LF6SW0301EA	LF6SW0301FA	LF6SW0301GA	LF6SW0301HA	LF6SW03011A	LF6SW0301JA	LF6SW0301KA	LF6SW0301LA	LF6SW0301MA
Depth to Water (ft)			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
VOCs (ug/L)															
1,2-dichlorobenzene	3	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
1,4-dichlorobenzene	3	0.5	U	0.1 F	U	UJ	0.130 F	U	U	U	U	U	U	U	U
acetone	50	10	1.2 F	1.4 F	U	UJ	U	U	U	U	2.94 F	U	2.49 F	2.01 F	2.16 F
benzene	1	0.1	U	U	U	UJ	U	U	0.140 F	U	U	U	U	U	U
carbon disulfide	--	0.5	U	U	U	U	U	U	0.140 F	U	U	U	U	U	U
chlorobenzene	5	0.5	U	0.13 F	0.310 F	0.370 F	U	U	0.470 F	U	U	U	0.140 F	0.220 F	U
chloroform	7	0.3	U	U	U	U	U	U	U	U	U	U	U	U	U
chloromethane	--	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
cis-1,2-dichloroethene	5	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
dichlorodifluoromethane	5**	1	U	U	UJ	UJ	U	U	U	U	U	U	U	U	U
methylene chloride	5	1	U	U	U	0.130 F	U	U	0.140 F	U	U	U	U	U	U
tetrachloroethene	0.7	1	U	U	U	U	U	U	U	U	U	U	U	U	U
trichloroethene (TCE)	5	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
trans-1,2-Dichloroethene	5	1	U	U	U	U	U	U	U	U	U	U	U	U	U
vinyl chloride	0.3	1	U	U	U	UJ	U	U	U	U	U	U	U	U	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	267	220	220	180	220	240	230	180	140	190	100 B	190	230
ammonia	2	0.2	U	0.067 B	0.029 F	0.021 F	0.17	0.031 F	0.091	0.022 F	0.17	0.15	0.057	0.041 F	0.028 F
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	2.3	2.6	U
bromide	2	0.5	0.31 F	0.2 F	0.11	0.14 F	0.23	0.26	0.23	0.16	0.21 F	0.25	UJ	0.18 F	0.21 F
COD	--	5	26.7 B	11	22 B	21 B	17 B	8.5 F	11 B	11	13	10	26 B	87	14
chloride	250	1	154	160	120	140	140	150	170	130	70	120	120	140	150
color	15	5	13 B	NA	NA	NA	**20**	NA	NA	**20**	**20**	NA	NA	10	NA
Fluoride	1.5	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	340	380	290	250	310	330	290	240	180	300	140	270	290
nitrate	10	1	0.38 F	0.15 F	0.60	0.77	0.12 F	0.041 F	0.59	0.45	0.23 F	0.25	0.48	0.37 F	0.13 F
TKN	1	0.2	U	0.22 F	0.21 F	0.20	0.31 B	0.17 F	0.19 F	0.19 F	0.34	0.35	0.5	0.24	0.19 F
sulfate	250	1	50.1	47	44	37	46	42	43	36	23	37	17	37	39
TDS	500	10	**620**	**570**	**520**	**500**	**550**	**630**	**590**	460	320	390	370	470	**590**
TOC	--	1	2.6	2.8	3.7	4.0	3.6	3.6	2.9	2.7	3.1	3.4	4.7 B	2.1	2.0

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-3												
Date of Collection			9/17/2009	3/24/2010	9/16/2010	6/6/2011	6/202012	6/18/2013	6/5/2014						
Sample ID No.			LF6SW0301NA	LF6SW0301OA	LF6SW0301PA	LF6SW0301PA	LF6SW0301QA	LF6SW0301RA	LF6SW0301RA						
Depth to Water (ft)			Surface Water	Surface Water	Surface Water	SurfaceWater	SurfaceWater	Surface Water	Surface Water						
VOCs (ug/L)															
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U						
1,4-dichlorobenzene	3	0.5	U	U	U	U	U	U	U						
acetone	50	10	2.49 F	2.60 F	1.34 FB	3.1 F	U	2.5 J	U						
benzene	1	0.1	U	0.110 F	U	U	U	U	U						
carbon disulfide	--	0.5	U	U	U	U	U	U	U						
chlorobenzene	5	0.5	U	0.300 F	U	U	U	U	U						
chloroform	7	0.3	U	U	U	U	U	U	U						
chloromethane	--	1	U	U	U	U	U	U	U						
cis-1,2-dichloroethene	5	1	U	U	U	U	U	U	U						
dichlorodifluoromethane	5**	1	U	U	U	U	U	U	U						
methylene chloride	5	1	U	U	U	U	U	U	U						
tetrachloroethene	0.7	1	U	U	U	U	U	U	U						
trichloroethene (TCE)	5	1	U	U	U	U	U	U	U						
trans-1,2-Dichloroethene	5	1	U	U	U	U	U	U	U						
vinyl chloride	0.3	1	U	U	U	U	U	U	U						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	240	190	240	200	230	160	190 B						
ammonia	2	0.2	0.059	U	U	0.24	0.28 B	0.23	0.13						
BOD5	--	2.4	U	U	U	U	1.6 J	U	1.9 J						
bromide	2	0.5	0.23 F	0.18 F	U	0.17 F	0.26 J	0.18 J	1.2						
COD	--	5	11	19	7.9 F	4.6 F	10 J	28	24						
chloride	250	1	160	110	170	150	170	120	150						
color	15	5	NA	**30**	NA	U	15	U	**60**						
Fluoride	1.5	1	NA	NA	NA	NA	U	0.070 J	0.088 JB						
hardness, Total	--	1	350	240	330	250	300	230	260 B						
nitrate	10	1	0.13 F	0.87	U	0.43 F	0.19 J	0.25 J	0.25 J						
TKN	1	0.2	0.14 F	0.61 B	0.24 B	0.53 F	0.78 JB	**1.0**	0.25 J						
sulfate	250	1	41	32	40	35	39	23	21 B						
TDS	500	10	**590**	430	**530**	490	**520**	410	490 B						
TOC	--	1	1.9	6.2	2.4	2.2	2.3	6.5	6.2 B						

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6W-1												
Date of Collection			7/6/2006	9/19/2006	12/14/2006	4/17/2007	6/21/2007	10/1/2007	12/11/2007	4/8/2008	6/18/2008	10/1/2008	12/10/2008	4/16/2009	7/1/2009
Sample ID No.			NS	NS	LF6WT0101CA	LF6WT0101DA	LF6WT0101EA	LF6WT0101FA	LF6WT0101GA	LF6WT0101HA	LF6WT0101IA	LF6WT0101JA	LF6WT0101KA	LF6WT0101LA	LF6WT0101MA
Depth to Water (ft)			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
VOCs (µg/L)															
1,2-dichlorobenzene	3	1	NS	NS	U	U	NS	NS	NS	U	NS	NS	U	U	U
1,4-dichlorobenzene	3	0.5	NS	NS	U	U	NS	NS	NS	0.190 F	NS	NS	U	U	U
acetone	50	10	NS	NS	2.17 F	U	NS	NS	NS	U	NS	NS	U	1.70 F	1.87 F
benzene	1	0.1	NS	NS	U	U	NS	NS	NS	U	NS	NS	U	U	U
carbon disulfide	--	0.5	NS	NS	U	U	NS	NS	NS	U	NS	NS	U	U	U
chlorobenzene	5	0.5	NS	NS	U	U	NS	NS	NS	U	NS	NS	U	U	U
chloroform	7	0.3	NS	NS	U	U	NS	NS	NS	U	NS	NS	U	U	U
chloromethane	--	1	NS	NS	U	U	NS	NS	NS	U	NS	NS	U	U	U
cis-1,2-dichloroethene	5	1	NS	NS	2.13	2.67 J	NS	NS	NS	U	NS	NS	U	**11.7**	**27.4**
dichlorodifluoromethane	5**	1	NS	NS	UJ	U	NS	NS	NS	U	NS	NS	U	U	U
methylene chloride	5	1	NS	NS	0.300 F	U	NS	NS	NS	U	NS	NS	U	U	U
tetrachloroethene	0.7	1	NS	NS	U	U	NS	NS	NS	U	NS	NS	0.110 F	0.660 F	0.420 F
trichloroethene (TCE)	5	1	NS	NS	0.140 F	0.460 F	NS	NS	NS	U	NS	NS	U	**11.0**	**12.9**
trans-1,2-Dichloroethene	5	1	NS	NS	U	U	NS	NS	NS	U	NS	NS	U	0.220 F	0.350 F
vinyl chloride	0.3	1	NS	NS	**0.690 F**	U	NS	NS	NS	U	NS	NS	U	**3.36**	**3.36**
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	NS	NS	260	170	NS	NS	NS	180	NS	NS	190 B	390	480
ammonia	2	0.2	NS	NS	U	U	NS	NS	NS	0.021 F	NS	NS	U	0.72	1.2
BOD5	--	2.4	NS	NS	U	U	NS	NS	NS	U	NS	NS	U	U	3.5
bromide	2	0.5	NS	NS	U	0.044 F	NS	NS	NS	0.035 F	NS	NS	UJ	0.093 F	0.1
COD	--	5	NS	NS	22 B	19 B	NS	NS	NS	81	NS	NS	35	8.2 F	U
chloride	250	1	NS	NS	1.8	11	NS	NS	NS	8.5	NS	NS	6.8	2.1	2.2
color	15	5	NS	NS	NA	NA	NS	NS	NS	**20**	NS	NS	NA	U	NA
Fluoride	1.5	1	NS	NS	NA	NA	NS	NS	NS	NA	NS	NS	NA	NA	NA
hardness, Total	--	1	NS	NS	280	180	NS	NS	NS	200	NS	NS	200	410	500
nitrate	10	1	NS	NS	0.022 F	0.41	NS	NS	NS	0.24 B	NS	NS	0.28 B	U	U
TKN	1	0.2	NS	NS	0.24 F	0.15 F	NS	NS	NS	**1.3**	NS	NS	0.51	**2.6**	1.8
sulfate	250	1	NS	NS	28	12	NS	NS	NS	20	NS	NS	7.2	39	46 J
TDS	500	10	NS	NS	340	220	NS	NS	NS	180	NS	NS	180	470	**600**
TOC	--	1	NS	NS	5.9	4.7	NS	NS	NS	6.0	NS	NS	5.6 B	7.7	7.2

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6W-1												
Date of Collection			9/17/2009	3/24/2010	9/15/2010	6/6/2011	6/21/2012	6/19/2013	6/5/2014						
Sample ID No.			LF6WT0101NA	LF6WT0101OA				LF6WT0101RA							
Depth to Water (ft)			Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water						
VOCs (µg/L)															
1,2-dichlorobenzene	3	1	NS	U	NS	NS	NS	NS	NS						
1,4-dichlorobenzene	3	0.5	NS	U	NS	NS	NS	NS	NS						
acetone	50	10	NS	2.29 F	NS	NS	NS	NS	NS						
benzene	1	0.1	NS	U	NS	NS	NS	NS	NS						
carbon disulfide	--	0.5	NS	U	NS	NS	NS	NS	NS						
chlorobenzene	5	0.5	NS	U	NS	NS	NS	NS	NS						
chloroform	7	0.3	NS	U	NS	NS	NS	NS	NS						
chloromethane	--	1	NS	U	NS	NS	NS	NS	NS						
cis-1,2-dichloroethene	5	1	NS	U	NS	NS	NS	NS	NS						
dichlorodifluoromethane	5**	1	NS	U	NS	NS	NS	NS	NS						
methylene chloride	5	1	NS	U	NS	NS	NS	NS	NS						
tetrachloroethene	0.7	1	NS	U	NS	NS	NS	NS	NS						
trichloroethene (TCE)	5	1	NS	U	NS	NS	NS	NS	NS						
trans-1,2-Dichloroethene	5	1	NS	U	NS	NS	NS	NS	NS						
vinyl chloride	0.3	1	NS	U	NS	NS	NS	NS	NS						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	NS	190	NS	NS	NS	180	NS						
ammonia	2	0.2	NS	U	NS	NS	NS	0.063 J	NS						
BOD5	--	2.4	NS	U	NS	NS	NS	U	NS						
bromide	2	0.5	NS	U	NS	NS	NS	0.14 J	NS						
COD	--	5	NS	6.7 F	NS	NS	NS	140	NS						
chloride	250	1	NS	1.8	NS	NS	NS	0.96 J	NS						
color	15	5	NS	U	NS	NS	NS	U	NS						
Fluoride	1.5	1	NS	NA	NS	NS	NS	0.086 J	NS						
hardness, Total	--	1	NS	230	NS	NS	NS	220	NS						
nitrate	10	1	NS	**12**	NS	NS	NS	U	NS						
TKN	1	0.2	NS	0.77	NS	NS	NS	**1.1**	NS						
sulfate	250	1	NS	4.2	NS	NS	NS	2.4 J	NS						
TDS	500	10	NS	200	NS	NS	NS	220	NS						
TOC	--	1	NS	4.1	NS	NS	NS	14	NS						

For notes, please refer to the end of the tables section.

Table 6-3
Landfill 6 MAROS Trend Results

Well ID	Well Type	Number of Samples	Number of Detects	Mann-Kendall Statistic	Mann -Kendall Trend/ % Confidence		Linear Regression Trend/ % Confidence	
Alkalinity [Carbonate (as C03)]								
775VMW-10	Source	20	20	28	NT	80.7	I	98.6
775VMW-18R	Tail	20	20	103	I	100	I	100.0
775VMW-20R	Tail	20	20	-97	D	99.9	D	100.0
LF6MW-1	Tail	20	20	-16	S	68.5	S	80.8
LF6MW-12	Source	20	20	20	NT	72.9	I	96.6
LF6VMW-10R2	Tail	20	20	13	NT	65	I	98.5
LF6VMW-17D	Tail	20	20	-115	D	100	D	100.0
LF6VMW-17S	Tail	5	5	4	NT	75.8	NT	60.1
LF6VMW-18	Tail	20	20	-72	D	99	D	96.6
LF6VMW-19	Tail	20	20	103	I	100	I	99.7
LF6VMW-20	Tail	20	20	63	I	97.9	D	100.0
LF6VMW-21	Tail	20	20	36	NT	87	NT	77.6
LF6VMW-22	Tail	20	20	54	I	95.7	PI	91.4
LF6VMW-23	Tail	20	20	90	I	99.8	I	99.3
LF6VMW-24	Tail	20	20	-38	S	88.3	D	95.4
LF6VMW-25	Tail	20	20	-65	D	98.2	NT	64.4
LF6VMW-26	Source	20	20	-73	D	99.1	D	95.7
RV-LF6LH-1	Tail	18	18	66	I	99.4	I	97.7
RV-LF6LH-2	Tail	18	18	-60	D	98.8	D	100
TMCMW-9	Tail	20	20	-95	D	99.9	D	99.8
TMC-USGS-2	Tail	20	20	-59	D	97.1	D	98.7
WT-LF6WT-1	Tail	8	8	4	NT	64	S	56.5
Hardness [bicarbonate]								
775VMW-10	Source	20	20	-25	S	78	S	80.1
775VMW-18R	Tail	20	20	-111	D	100	D	100.0
775VMW-20R	Tail	20	20	40	NT	89.6	D	100.0
LF6MW-1	Tail	20	20	-37	S	87.7	S	62.0
LF6MW-12	Source	20	20	74	I	99.2	PI	94.4
LF6VMW-10R2	Tail	20	20	76	I	99.3	NT	85.2
LF6VMW-17D	Tail	20	20	-92	D	99.9	D	99.3
LF6VMW-17S	Tail	19	19	-27	S	81.6	S	85.2
LF6VMW-18	Tail	20	20	-62	D	97.7	D	98.5
LF6VMW-19	Tail	20	20	53	I	95.4	S	74.3
LF6VMW-20	Tail	20	20	-146	D	100	D	100.0
LF6VMW-21	Tail	20	20	55	I	96	PI	94.8
LF6VMW-22	Tail	20	20	46	PI	92.7	S	58.5
LF6VMW-23	Tail	20	20	31	NT	83.3	I	97.6
LF6VMW-24	Tail	20	20	175	I	100	I	100.0
LF6VMW-25	Tail	20	20	-14	S	66.1	NT	81.3
LF6VMW-26	Source	20	20	101	I	100	I	100
RV-LF6LH-1	Tail	18	18	24	NT	80.6	NT	85.7
RV-LF6LH-2	Tail	18	18	53	I	97.6	PI	92.1
TMCMW-9	Tail	20	20	-94	D	99.9	D	99.4
TMC-USGS-2	Tail	20	20	-43	PD	91.3	S	87.2
WT-LF6WT-1	Tail	8	8	7	NT	76.4	NT	54.5

Table 6-3
Landfill 6 MAROS Trend Results

Well ID	Well Type	Number of Samples	Number of Detects	Mann-Kendall Statistic	Mann -Kendall Trend/ % Confidence		Linear Regression Trend/ % Confidence	
Nitrate [nitrogen]								
775VMW-10	Source	20	20	-152	D	100	D	100
775VMW-18R	Tail	20	20	-18	S	70.7	D	99.8
775VMW-20R	Tail	19	8	6	NT	56.9	NT	65.9
LF6MW-1	Tail	20	20	43	PI	91.3	NT	86.1
LF6MW-12	Source	19	3	46	PI	94.2	NT	86.1
LF6VMW-10R2	Tail	20	20	93	I	99.9	I	100
LF6VMW-17D	Tail	20	19	24	NT	77	NT	74.9
LF6VMW-17S	Tail	20	20	68	I	98.6	S	58.4
LF6VMW-18	Tail	20	11	-95	D	99.9	D	99.8
LF6VMW-19	Tail	20	20	74	I	99.2	I	99.9
LF6VMW-20	Tail	20	20	22	NT	75	NT	86.7
LF6VMW-21	Tail	20	20	109	I	100	I	99.9
LF6VMW-22	Tail	20	20	77	I	99.4	I	99.2
LF6VMW-23	Tail	20	20	36	NT	87	I	99.8
LF6VMW-24	Tail	19	1	33	NT	86.7	I	96.3
LF6VMW-25	Tail	20	14	58	I	96.8	I	99.8
LF6VMW-26	Source	19	4	81	I	99.8	I	99.6
RV-LF6LH-1	Tail	18	5	52	I	97.4	I	96.2
RV-LF6LH-2	Tail	18	6	69	I	99.6	I	99.9
TMCMW-9	Tail	20	18	28	NT	80.7	NT	83.4
TMC-USGS-2	Tail	20	18	92	I	99.9	I	98.6
WT-LF6WT-1	Tail	9	5	-10	NT	82.1	NT	84.4
Total Organic Carbon								
775VMW-10	Source	20	12	2	NT	51.3	NT	86.2
775VMW-18R	Tail	20	20	53	I	95.4	I	99.6
775VMW-20R	Tail	19	15	-3	S	52.7	NT	64.6
LF6MW-1	Tail	20	20	-39	S	89	S	80.1
LF6MW-12	Source	20	20	53	I	95.4	I	99.6
LF6VMW-10R2	Tail	19	14	12	NT	64.8	NT	85.2
LF6VMW-17D	Tail	20	16	-61	D	97.5	PD	90.4
LF6VMW-17S	Tail	20	20	-18	S	70.7	S	58.3
LF6VMW-18	Tail	20	19	-25	S	78	S	77.2
LF6VMW-19	Tail	20	19	39	NT	89	PI	92.9
LF6VMW-20	Tail	20	15	-69	D	98.7	PD	91.8
LF6VMW-21	Tail	19	10	-6	S	56.9	NT	82.2
LF6VMW-22	Tail	20	19	31	NT	83.3	NT	86.9
LF6VMW-23	Tail	20	20	26	NT	78.9	PI	93.7
LF6VMW-24	Tail	18	13	3	NT	53	NT	75.8
LF6VMW-25	Tail	20	20	-128	D	100	D	100
LF6VMW-26	Source	20	18	-2	S	51.3	NT	57
RV-LF6LH-1	Tail	18	17	73	I	99.7	I	99.9
RV-LF6LH-2	Tail	18	14	51	I	97.1	I	99.3
TMCMW-9	Tail	20	20	-34	S	85.6	PD	91.2
TMC-USGS-2	Tail	20	13	27	NT	79.8	I	96.0
WT-LF6WT-1	Tail	8	8	8	NT	80.1	I	97.6

Notes:
D = Decreasing
I = Increasing
N/A = Not applicable
NT = No trend
PD = Probably decreasing
PI = Probably increasing
S = Stable
* = One of the variables in the MAROS program is the value assigned to non-detects. This value was set at one half the detection limit, which causes a false positive for the COC's average concentration. Instead of 0 µg/L, the value of one half the detection limit was reported.

Table 6-4
Landfill 6 AOC LTM Network

Sampling Locations	Screen Interval Depth (ft MSL)	Sampling Rationale	Target Analytes/ Method Numbers[1]	Matrix	# of Samples	Sampling Frequency	Evaluation Criteria
Groundwater		----------	Landfill Leachate Indicators:	Water	23	Annually	If downgradient wells do not exhibit exceedances of NYS Groundwater Standards or Base background levels for two successive monitoring events, evaluate monitoring frequency and number of wells.
LF6MW-1	460.8' – 450.8'	Upgradient well	Anions – SW9056				
TMC-USGS-2	428.6' – 426.1'	Downgradient from landfill	Nitrogen (TKN) – 351.2				
775VMW-18R	423.7' – 413.7'	Upgradient well	Ammonia – 350.2				
775VMW-20R	413.9' – 403.9'	Upgradient well	COD – 410.4				
LF6VMW-10R2	439.2' – 429.2'	Downgradient from landfill	BOD – 405.1				
LF6VMW-17S[2]	457.18' – 447.18'	Downgradient, vertical profile	TOC – SW9060				
LF6VMW-17D[2]	422.1' – 412.1'	Downgradient, vertical profile	TDS – 160.1				
LF6VMW-18[3]	411.88' – 421.88'	Downgradient, vertical profile	Alkalinity – 310.1				
LF6VMW-19[3]	438.95' – 428.95'	Downgradient, vertical profile	Phenols – SW9066				
LF6VMW-20[3]	398.26' – 388.26'	Downgradient, vertical profile	Hardness – 130.2				
LF6VMW-21[3]	434.93' – 424.93'	Upgradient well	Color – 110.2				
LF6VMW-22[3]	435.76' – 425.76'	Downgradient, vertical profile	Boron – SW6010B				
Leachate Locations							
LF6LH-1		Leachate locations					
LF6LH-2							

Table 6-4 (continued)
Landfill 6 AOC LTM Network

Sampling Locations	Screen Interval Depth (ft MSL)	Sampling Rationale	Target Analytes/ Method Numbers[1]	Matrix	# of Samples	Sampling Frequency	Evaluation Criteria
Groundwater 775VMW-10 LF6MW-12 LF6VMW-23[2] LF6VMW-24[2] LF6VMW-25[2] LF6VMW-26[3] TMCMW-9 **Surface Water (TMC)** LF6/TMCSW-1 LF6/TMCSW-2 LF6/TMCSW-3 **Wetlands** LF6W-1	427.1' – 412.1' 416.59' – 406.59' 424.57' – 414.57' 419.25' – 409.25' 416.6' – 406.6' 412.9' – 402.9' 439.16' – 429.16'	Upgradient well Downgradient from landfill Downgradient, vertical profile Downgradient, vertical profile Downgradient, vertical profile Downgradient from landfill Downgradient from landfill ---------- Potential contaminant receptor Potential contaminant receptor Potential contaminant receptor Potential contaminant receptor	VOCs – SW8260 Landfill Leachate Indicators: Anions – SW9056 Nitrogen (TKN) – 351.2 Ammonia – 350.2 COD – 410.4 BOD – 405.1 TOC – SW9060 TDS – 160.1 Alkalinity – 310.1 Phenols – SW9066 Hardness – 130.2 Color – 110.2 Boron – SW6010B	Water	23	Annually	If downgradient wells do not exhibit exceedances of NYS Groundwater Standards or Base background levels for two successive monitoring events, evaluate monitoring frequency and number of wells. Surface water analytes and frequency will be varied to follow groundwater program.
Gas Sampling Gas monitoring probes/vents		In accordance with 6 NYCRR 360-2.17(f)	Methane (FID/CGI)	Gas	13 probes 16 vents	Annual	

1 Baseline parameters based on 6 NYCRR Part 360, Subpart 2, Appendix A.

Notes and Data Qualifiers

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

F = The analyte was positively identified above MDL, however the concentration is below the reporting limit (RL).

J = For the 2002 to 2010 results, the analyte was positively identified, but the quantitation is an approximation.

J = For the 2011 and 2012 results, the analyte was positively identified above MDL, however the concentration is below the reporting limit (RL).

J = For the 2013 and 2014 results, the analyte was positively identified, however the quantitation is an estimation.

M = A matrix effect was present.

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ = The result is estimated at the method detection limit.

UM = A matrix effect was present; the analyte was not detected above the method detection limit.

NA = Not analyzed

NS = Not sampled

R = The data is unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.

* - Color is analyzed in Platinum Cobalt Units (PCU)

♦ = Duplicate value was used.

-- = No value reported

= Value exceeded NYSDEC Groundwater standard.