DEPARTMENT OF THE AIR FORCE
AIR FORCE CIVIL ENGINEER CENTER

JUN 0 5 2013

MEMORANDUM FOR: New York State Department of Environmental Conservation
Attn: Ms. Heather L. Bishop
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, NY 12233-7015

U.S. Environmental Protection Agency – Region 2
Attn: Mr. Robert Morse
Federal Facilities Section
290 Broadway, 18th Floor
New York, NY 10007-1866

New York State Department of Health
Bureau of Environmental Exposure Investigation
Attn: Ms. Kristin Kulow
28 Hill Street, Suite 201
Oneonta, NY 13850

FROM: AFCEC/CIBE – Griffiss
706 Brooks Road
Rome, NY 13441

SUBJECT: Final Optimization Plan for CERCLA Areas of Concern
Long-Term Monitoring Program; May 2013
Former Griffiss Air Force Base (AFB) Rome, New York
Contract Number FA8903-10-D-8595; Delivery Order 0014

1. Enclosed is one (1) hard copy and one (1) electronic copy (CD) of the "Final Optimization Plan for CERCLA Areas of Concern".

2. The Optimization Plan outlines the proposed methods used to optimize the ongoing long-term monitoring activities at CERCLA sites under the above-referenced Performance Based Remediation Contract.

3. The plan was originally submitted as Draft Final in November 2011. The document will be considered final for inclusion into the Administrative Record on June 30, 2013, barring receipt of regulatory comments.

4. Should you have any questions or concerns please contact me at 315 356 0810 ex 202.

MICHAEL F. MCDERMOTT
Air Force Civil Engineer Center
AFCEC/CIBE Griffiss

Attachments: As noted

-FINAL-

OPTIMIZATION PLAN
CERCLA AREAS OF CONCERN
LONG-TERM MONITORING PROGRAM

FORMER GRIFFISS AIR FORCE BASE SITE
ROME, NEW YORK

Prepared for:

Air Force Civil Engineer Center
706 Brooks Road
Rome, New York 13441

Prepared by:

FPM Remediations Inc.
584 Phoenix Drive
Rome, NY 13441

In association with:

40 British American Boulevard,
Latham, NY 12110

10901 Lowell Avenue, Suite 271
Overland Park, Kansas 66210

Contract Number FA8903-10-D-8595

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May 2013

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LIST OF ACRONYMS AND ABBREVIATIONS

AFB	Air Force Base
AFCEC	Air Force Civil Engineer Center
AFRL/RRS	Air Force Research Laboratory/Rome Research Site
AFRPA	Air Force Real Property Agency
ARARs	Applicable or Relevant and Appropriate Requirements
ATSDR	Agency for Toxic Substance and Disease Registry
AOC	Area of Concern
BCT	BRAC Cleanup Team
bgs	Below Ground Surface
BRAC	Base Realignment and Closure Act
CAPE	Cape Environmental Management Inc
COC	Contaminant of Concern
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CGI	Combustible Gas Indicator
Conti	Conti Environmental, Inc.
CY	Cubic Yards
DCE	dichloroethene
DDE	1,1-dichloro-2,2-bis(chlorophenyl)ethylene
DFAS	Defense Finance and Accounting Service
DOC	dissolved organic carbon
DOD	United States Department of Defense
DP	Drainage Pit
EA	EA Engineering
E&E	Ecology and Environment, Inc.
EE/CA	Engineering Evaluation/Cost Analysis
EEEPC	Ecology and Environment Engineering, P.C.
EPS	Electrical Power Substation
FFA	Federal Facility Agreement
FPM	FPM Remediations Inc.
FS	Feasibility Study
GLDC	Griffiss Local Development Corporation

IC	Institutional Control
IRA	Interim Remedial Action
IRP	Installation Restoration Program
JP-4	jet propulsion fuel grade 4
LAW	Law Engineering and Environmental Services, Inc.
LEL	lower explosive limit
LRA	Local Reuse Agency
LTM	Long-Term Monitoring
LUC	Land-Use Controls
LUR	Land-Use Restrictions
mg/L	milligrams per liter
MSL	Mean Sea Level
MS/MSD	Matrix Spike/Matrix Spike Duplicate
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
NEADS	Northeast Air Defense Sector
NFA	No Further Action
NPL	National Priorities List
NYANG	New York Air National Guard
NYCRR	New York Code of Rules and Regulations
NYS	New York State
NYSBC	New York State Barge Canal
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
O&M	Operations and Maintenance
OCIDA	Oneida County Industrial Development Agency
OP	Optimization Plan
OU	Operable Unit
OWS	Oil/Water Separator
PAH	Polynuclear Aromatic Hydrocarbon
PBR	Performance-Base Remediation
PCB	Polychlorinated Biphenyl
PCE	tetrachloroethene

PEER	PEER Consultants, P.C.
PISCES	Passive In-Situ Chemical Extraction Sampling
PM	Performance Monitoring
POC	point-of-compliance
POP	period of performance
ppm	parts per million
QA	Quality Assurance
QC	Quality Control
RA	Remedial Action
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RL	reporting limit
ROD	Record of Decision
RRS	Rome Research Site
RSCOs	Recommended Soil Cleanup Objectives
SAC	Strategic Air Command
SAR	Small Arms Range
SCGs	Standards, Criteria, and Guidance Values
SD	Surface Drainage
SDG	Sample Delivery Group
SI	Supplemental Investigation
SMC	Six Mile Creek
SPDES	New York State Pollution Discharge Elimination System
SS	Spill Site
SVI	Soil Vapor Intrusion
SVOC	Semi-Volatile Organic Compound
TAL	Target Analyte List
TAGM	Technical and Administrative Guidance Memorandum
TBC	To Be Considered
TCA	1,1,1-trichloroethane
TCE	Trichloroethylene
TCLP	Toxicity Characteristic Leaching Procedure
TDS	Total Dissolved Solids

TKN	total Kjehldahl nitrogen
TMC	Three Mile Creek
TRPH	Total Recoverable Petroleum Hydrocarbons
UFP-QAPP	Uniform Federal Policy Quality Assurance Project Plan
U.S.	United States
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VA	Veterans Affairs
VC	vinyl chloride
VOC	Volatile Organic Compound
WSA	Weapons Storage Area

1.0 INTRODUCTION

FPM Remediations Inc. (FPM), in association with Cape Environmental Management Inc (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 Optimization Plan (OP) will be conducted through contract number FA8903-10-D-8595-0014. The LTM CERCLA sites addressed in this OP include:

- LF001 – Landfill 1 Area of Concern (AOC)
- LF002 – Landfill 2/3 AOC
- LF003 – Landfill 7 AOC
- LF007 – Landfill 5 AOC
- LF009 – Landfill 6 AOC
- SD031 – Three Mile Creek (TMC) AOC
- SD032 – Six Mile Creek (SMC) AOC
- SS060 – Building 35 AOC.

All work conducted at these sites will be performed in accordance with the former Griffiss AFB Uniform Federal Policy for Quality Assurance Project Plan (UFP-QAPP) (FPM, April 2011). Sections 2-9 provide a site description and the proposed LTM activities and outcome for each site.

Additional CERCLA sites at the former Griffiss AFB are assigned to this Performance-Based Remediation (PBR) contract; however, they are Land-use Control (LUC) / Institutional Control (IC) sites. The objectives for these sites include status quo, site closure, or optimization. The sites are listed below based on the appropriate objective.

Status Quo

- ST006 (Building 101)
- SS008 (Building 112)
- SS024 (Fire Demonstration Area)
- FT030 (Fire Protection Training Area)
- SS033 (Coal Storage Yard Area)
- SS044 (Electrical Power Substation)
- SD052 (On-base Groundwater AOCs)
- SS062 (AOC-9).

Site Closure

- DP011 (Building 3 Drywell)
- SS023 (Building 20 AOC)
- ST036 (Building 110)
- ST053 (Building 133).

Optimization (Removal of Groundwater LUC/ICs)

- DP012 (Building 301)
- DP013 (Building 255)
- DP015 (Building 219)
- DP022 (Building 22)
- SS017 (Lot 69)
- SS025 (Building T-9)
- SD050 (Building 214).

The work plans/optimization documents for these sites will be reported separately from this OP.

1.1 Griffiss AFB Operational History

The mission of the former Griffiss AFB varied over the years. The base was activated on February 1, 1942, as Rome Air Depot, with the mission of storage, maintenance, and shipment of material for the United States (U.S.) Army Air Corps. Upon creation of the Air Force in 1947, the depot was renamed Griffiss AFB. The base became an electronics center in 1950, with the transfer of Watson Laboratory Complex (later Rome Air Development Center (1951), Air Force Research Laboratory/Rome Research Site (AFRL/RRS), and then the Information Directorate at Rome Research Site was established with the mission of applied research, development, and testing of electronic air-ground systems). The headquarters of the Ground Electronics Engineering Installations Agency was established in June 1958, to engineer and install ground communication equipment throughout the world. The 49th Fighter Interceptor Squadron served at Griffiss AFB from 1959 until its inactivation in 1987. On July 1, 1970, the 416th Bombardment Wing of the Strategic Air Command (SAC) was activated with the mission of maintenance and implementation of both effective air refueling operations and long-range bombardment capability.

Griffiss AFB was designated for realignment under the Base Realignment and Closure Act (BRAC) in 1993 and 1995, resulting in deactivation of the 416th Bombardment Wing in September 1995. The AFRL/RRS and the Northeast Air Defense Sector (NEADS) have continued to operate at their current locations, and the New York Air National Guard (NYANG) operated the runway for the 10th Mountain Division deployments until October 1998, when they were relocated to Fort Drum, NY. The Defense Finance and Accounting Service (DFAS) have established an operating location at the former Griffiss AFB.

1.2 Environmental Background

As a result of the various national defense missions carried out at the former Griffiss AFB since 1942, hazardous and toxic substances were used, and hazardous wastes were generated, stored, or disposed of at various sites on the installation. The defense missions involved were, among others: the procurement, storage, maintenance, and shipment of war material; research and development; and aircraft operations and maintenance.

Numerous studies and investigations under the U.S. Department of Defense (DOD) Installation Restoration Program (IRP) have been carried out to locate, assess, and quantify the past toxic and hazardous waste storage, disposal, and spill sites. These investigations included a records search in 1981, interviews with base personnel, a field inspection, compilation of an inventory of wastes, evaluation of disposal practices, and an assessment to determine the nature and extent of site contamination. Additionally, Problem Confirmation and Quantification studies (similar to what is now designated a Site Investigation) were conducted in 1982 and 1985; soil and groundwater analyses in 1986; a base-wide health assessment was conducted in 1988 by the U.S. Public Health Service, Agency for Toxic Substances and Disease Registry (ATSDR); base-specific hydrology investigations were also conducted in 1989 and 1990; a groundwater investigation in 1991; and site-specific studies and investigations were conducted between 1989 and 2005. The ATSDR issued a Public Health Assessment for Griffiss AFB dated October 23, 1995, and an addendum, dated September 9, 1996.

Pursuant to Section 105 of CERCLA, Griffiss AFB was included on the NPL on July 15, 1987. On August 21, 1990, the Air Force, the U.S. Environmental Protection Agency (USEPA), and New York State (NYS) Department of Environmental Conservation (NYSDEC) entered into an FFA under Section 120 of CERCLA. On March 20, 2009, 2,897.2 acres were deleted from the NPL.

1.3 Standards Criteria and Guidance and Remedial Action Objectives

Constituents of concern (COCs) targeted for remediation or monitoring at the at CERCLA sites consist of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, including cadmium and mercury, pesticides, polychlorinated biphenyls (PCBs), and landfill leachate indicators. The samples will be collected in accordance with the UFP-QAPP for Griffiss AFB. The site-specific sections highlight the Record of Decision (ROD) requirements and applicable regulatory drivers for meeting the remedial action objectives.

SECTION 2.0
LF001 (LANDFILL 1 AOC)

2.0 LF001 (LANDFILL 1 AOC)

2.1 Site Description

Approximately 22 acres in size, LF001 – Landfill 1 is located in the northern portion of the base. The wastes 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. The groundwater flow rate at LF001 is 2,000 feet per year. Groundwater flows to the southwest in the area of Landfill 1.

The ROD for LF001 was signed by the 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 low-permeability layer, drainage layer, barrier protection layer, and a topsoil layer. LTM was initiated at LF001 in December 2003, and 5-Year Reviews were conducted in 2005 and 2010. Both 5-Year Reviews indicated that the selected remedy is protective of human health and the environment.

2.2 Current Conditions

Beginning in December 2003, LTM was performed 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. LF1MW-14 was added to the LTM network during the December 2004 sampling round. These sampling locations are illustrated in the Landfill 1 Sampling Location Figure (Attachment A). The LTM network was analyzed quarterly (routine) and annually (baseline) for NYSDEC Part 360 Parameters and VOCs. Currently, based on several rounds of sampling data, NYSDEC Part 360 Parameters and VOCs are sampled annually. All recommendations to alter the sampling network were provided in previous Landfill AOCs LTM Reports and reviewed by the USEPA and NYSDEC.

Boron, cyanide, mercury, PCBs, pesticides, and phenols were analyzed until 2006 and were then removed from the LTM sampling network due to their low or absent concentrations at the site. VOCs currently detected above the NYS Groundwater/Surface water Standards, Criteria, and Guidance Values (SCGs) include 1,2-dichlorobenzene, 1,3-dichlorobenzene, benzene, and chlorobenzene. These exceedances only occur at monitoring well LF1MW-11 and concentrations are stable and/or decreasing. Landfill leachate indicators previously detected above the NYS Groundwater / Surface water SCGs included ammonia, color, total dissolved solids (TDS), and total Kjehldahl nitrogen (TKN). The landfill leachate indicators detections continue to show stable trends. Metals analysis for this site continues to show levels above NYS SCGs. Metals in exceedance include manganese, iron, sodium, aluminum, chromium, and nickel. Several of the metals (e.g., manganese, iron, sodium) are indicative of base background conditions. All previous sampling data is provided in the Landfill 1 Sampling Results Table in Attachment B.

Landfill gas monitoring is performed at Landfill 1 to identify the presence and concentration of methane at or near the landfill. A total of 20 gas monitoring probes and 31 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 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 2010 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 treatment.

Since April 2005, landfill inspections and cover maintenance have been performed at Landfill 1. Inspections and maintenance are conducted on a quarterly basis with annual landfill cover mowing (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.

2.3 Regulatory Drivers

LF001 is regulated under the CERCLA of 1980, as amended, and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). Landfill recapping and LTM were/are conducted in accordance with New York State's Solid Waste Management Regulations, 6-NYCRR Part 360. Groundwater and surface water sample results are compared to NYSDEC Class GA Groundwater Standards and NYSDEC Class C Surface Water Standards (NYSDEC, June 1998). Additionally, the site activities are conducted under the supervision and recommendations of USEPA, Region II and NYSDEC.

2.4 Proposed Outcome

The proposed outcome for this site is LTM Optimization.

2.5 Pathways to Achieve Proposed Outcome

2.5.1 Pathway to Proposed Outcome

Groundwater monitoring, surface water monitoring, landfill gas monitoring, and landfill cover maintenance will continue to be performed at LF001. The decision to optimize the monitoring at the site will be guided by the sampling data. VOC exceedances at Landfill 1 are limited to one monitoring well, LF1MW-11. However, there has been a stable and/or decreasing VOC concentration trend at this monitoring well overtime. This monitoring well is located downgradient of the landfill boundary on the opposite side of SMC (Attachment A). No VOC exceedances have occurred at any of the surface water locations since LTM sampling was initiated in December 2003.

The landfill gas monitoring will be optimized from quarterly to semiannual. Previous landfill gas monitoring rounds show that elevated methane concentrations persist throughout the landfill. However, these levels are stable and data from the perimeter monitoring points show that methane is not migrating off the site's boundaries.

The landfill inspections will be optimized from quarterly to semiannually. Spring and fall inspections are proposed at the landfills. The inspections will be conducted in the spring

and fall as cover visibility can be impacted by snow cover during the winter and by tall grasses in the summer. Additional inspections and/or maintenance will be performed as needed; following the guidance established in the January 2005 Landfill 1 Operations and Maintenance (O&M) Manual. Additional inspections and/ or maintenance may be warranted as the result of significant rainfall over a 24-hour period (5-year storm event) or vector disturbance to the landfill cap.

2.5.2 Metric Development: Proposed End Point, Metrics, and Approach

Groundwater/Surface Water Monitoring:

The proposed end point is the optimization of groundwater and surface water monitoring. Groundwater and surface water are anticipated to be monitored annually from 2011-2014. Following this period of performance (POP), the CAPE team anticipates optimizing monitoring to biennial for 2016 and 2018 then every 5 years from 2020-2040. Subject to data confirmation and regulatory concurrence, the LTM schedule for LF001 is provided in Table 1. The LF001 LTM network is provided in Table 2 at the end of the LF001 section.

Period of Performance:

Groundwater and surface water monitoring will be conducted at 13 monitoring wells and three surface water locations for landfill leachate indicators from 2011-2014. Additionally, annual VOC analysis will be performed at seven groundwater monitoring wells and three surface water locations from 2011-2014. The seven monitoring wells proposed for VOC monitoring include LF1MW-5, -6, -10, -11, -12, LF1P-2, and MWSAR03. Alterations to the frequency and duration of the LTM network will be conducted through the analysis of sampling data trends. Proposal to reduce the sampling frequency and/or discontinue the monitoring of a sampling location may be prompted by the indication of a decreasing trend and/or at least two consecutive rounds with COC levels below NYS Groundwater or Surface water SCGs. Proposal to increase the LTM network is detailed in the Contingencies section.

Sampling data from Landfill 1 has shown continued site-wide stabilization of all VOCs and leachate indicators. Figure 1 shows the LF001 VOC concentration trends and Figure 2 shows the LF001 TDS concentration trends (a landfill leachate indicator). VOC analysis will be conducted at the seven monitoring wells and three surface water locations to ensure chemicals of concern are not migrating off-site or into the stream environment. Therefore, the recommended monitoring frequency will provide adequate warning to any potential release of COCs to the environment by the landfill.

The 13 monitoring wells include MWSAR03, LF1P-2, -3, -5, LF1MW-1R, -5, -6, -10, -11, -12, -13, -14, and -103 and the three surface water sampling locations include LF1SW-1, -2SMC, and -3. Low-flow sampling will be performed at all monitoring wells except bedrock monitoring well LF1MW-103 where bailer sampling will be performed. The surface water samples will be collected as grab samples. These sampling methods are described in detail in the Griffiss UFP-QAPP.

Table 1
LF001 LTM Schedule

Period of Performance		
Years	Activity	Performance
2011, 2012, 2013, and 2014	Monitoring	2nd Quarter (June)
	Landfill Inspections, Landfill Gas Monitoring	2nd and 4th Quarters (May and October)
	Reporting	4th Quarter (December)
2015	Landfill Inspections, Landfill Gas Monitoring	2nd and 4th Quarters (May and October)
	Reporting	4th Quarter (December)
	5-Year Review	2nd Quarter (April)
Post Period of Performance		
2020 through 2040	Landfill Inspections, Landfill Gas Monitoring	4th Quarter (October)
	Reporting	4th Quarter (December)
2016, 2018, 2020, 2025, 2030, 2035, and 2040	Monitoring	2nd Quarter (June)
2020, 2025, 2030, 2035, and 2040	5-Year Review	2nd Quarter (April)

Post-Period of Performance:

As a result of the stabilization/decline of contaminants at the site, we anticipate sampling will be optimized to biennial for 2016 and 2018 then every 5 years (2020, 2025, 2030, 2035, and 2040) at the 13 monitoring wells and three surface water sampling locations. Samples will be analyzed for landfill leachate indicators. This sampling will be conducted in conjunction with the 5-Year Review process. Based on stable/declining VOC results, the CAPE team anticipates recommending the discontinuation of VOC analysis from the LTM network.

Landfill Gas Monitoring:

The proposed end point is the optimization of landfill gas monitoring.

Period of Performance:

Twenty gas monitoring probes and 31 gas vents will be monitored semiannually for methane, LEL, oxygen, and carbon dioxide. Previous landfill gas monitoring rounds show that elevated methane concentrations persist throughout the landfill, but these levels are stable. Methane is not detected at any of the POC gas monitoring probes, therefore limiting potential risk of human exposure.

Post-Period of Performance:

As a result of the stable landfill gas results, we anticipate that monitoring will be optimized to annual.

Landfill Cover Inspections and Maintenance:

The proposed end point is the optimization of landfill cover inspections.

Period of Performance:

The current scope of quarterly landfill cover inspections and maintenance will be optimized to semiannual with annual landfill cover mowing. Vegetation growth on the landfill cap shows optimal coverage for erosion control and cover system stabilization. Spring and fall inspections are proposed as the landfills are covered by snow in the winter and by tall grasses in the summer. Additional inspections or maintenance will be performed as needed, as identified in the January 2005 Landfill 1 O&M Manual. An example of additional inspections includes the inspections of the landfill covers following a 5-Year Storm event (6 inches of rainfall within a 24-hour period).

Post-Period of Performance:

The recommended scope of semiannual landfill inspections will be recommended for optimization following the completion of this contract. If supported by the landfill conditions, the optimized frequency will be annual with annual reporting. It is necessary that inspections continue to ensure the integrity of landfill fencing, signage and the landfill cover.

Figure 1
LF001 VOC Concentration Trends

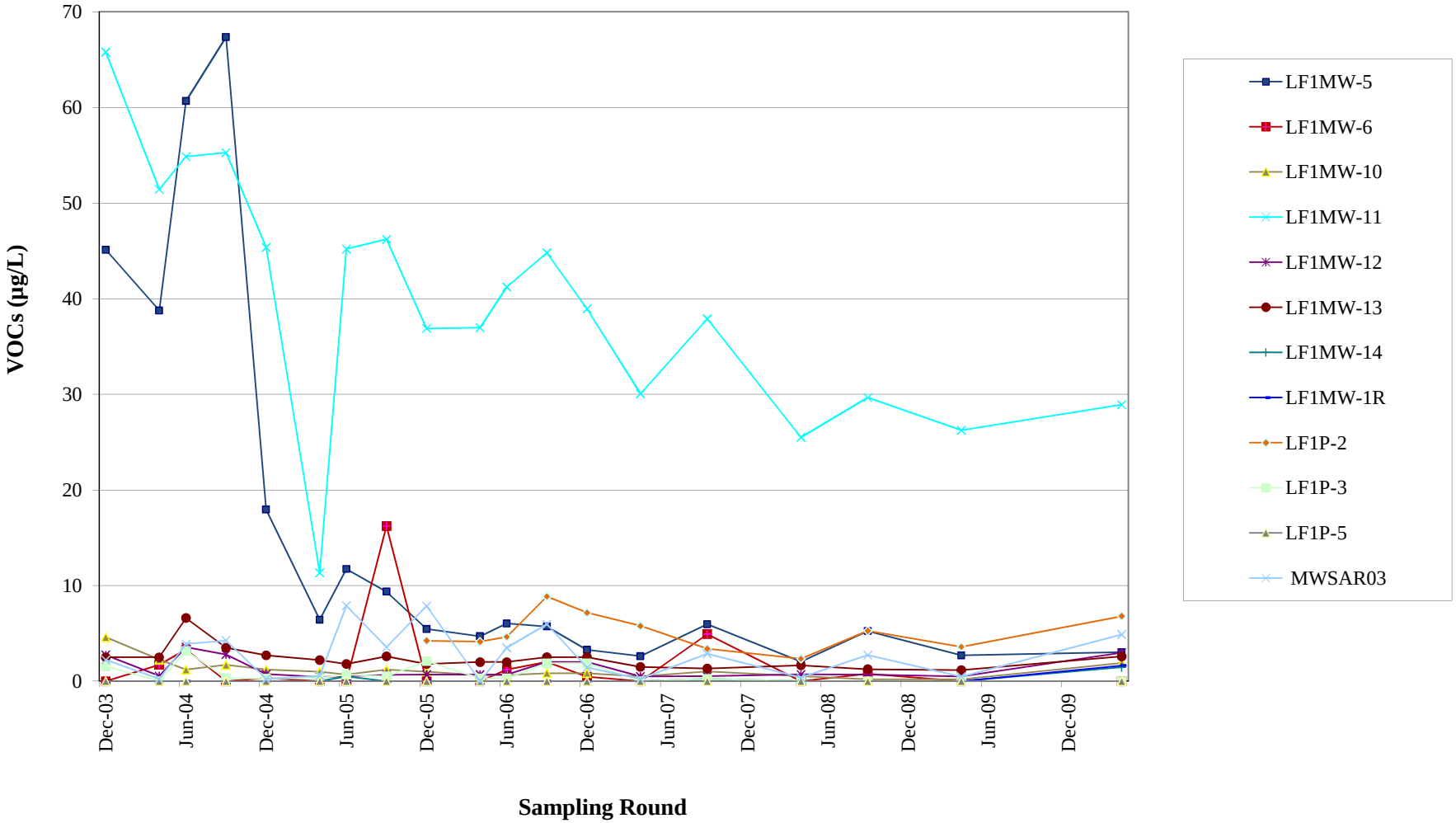
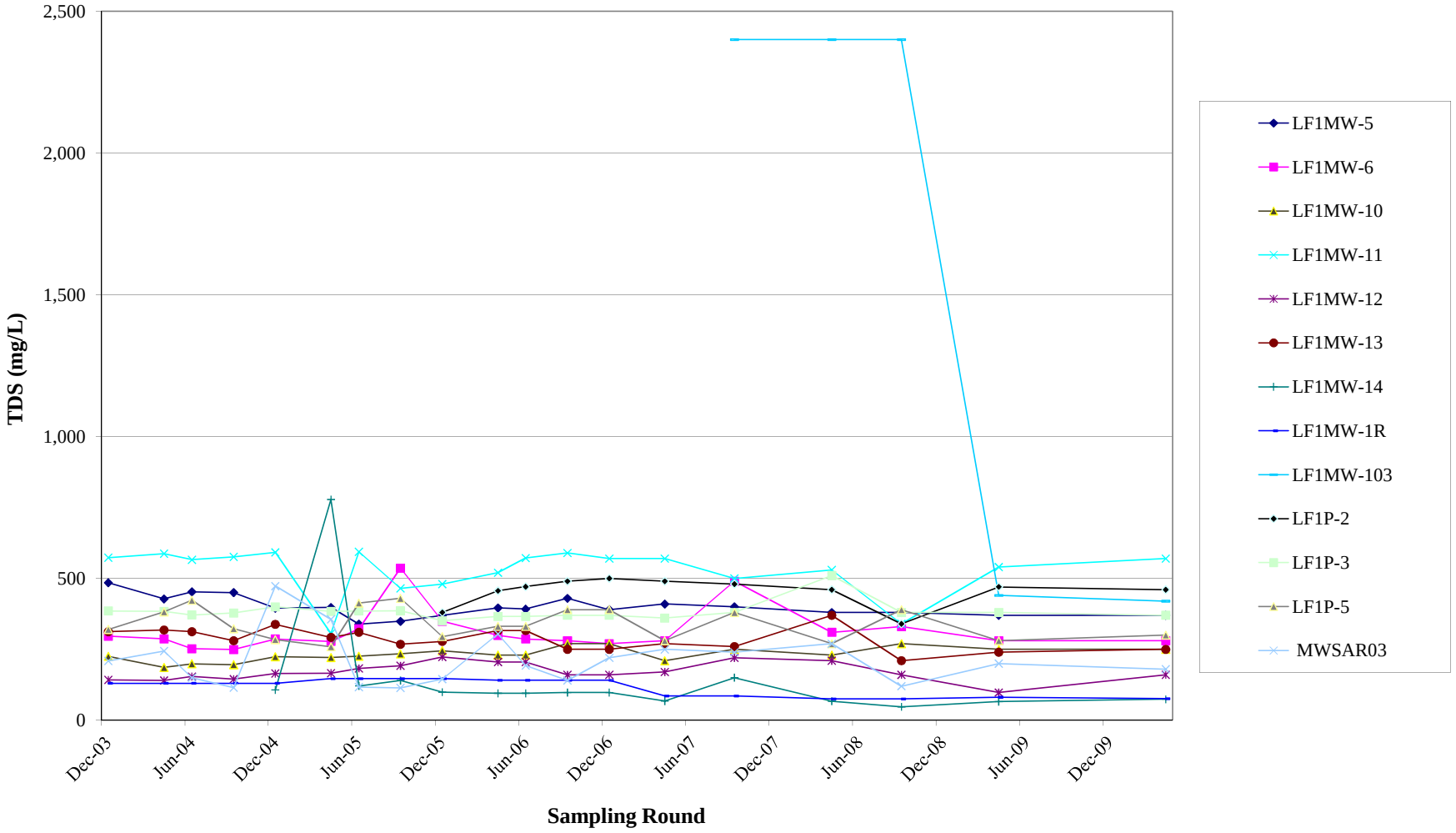


Figure 2
LF001 TDS Concentration Trends



Prior to 2007, no Landfill Leachate Indicator samples could be collected at LF1MW-103 due to a shortage of groundwater in the well.

Annual LUC/IC Inspections:

LUC/ICs, as required by the ROD, will be maintained in order to protect human health and the environment until the site is closed in 2040.

The Annual LUC/IC inspections will be conducted to confirm the implementation and performance of the LUC/ICs. All results will be reported annually in the base-wide LUC/IC Site Inspection Report.

5-Year Review:

LF001 will be included in the 2015 5-Year Review to evaluate the protectiveness of the remedy. The site will also be included in the 2020, 2025, 2030, 2035, and 2040 5-Year Reviews.

2.6 Contingencies

Groundwater/Surface Water Monitoring:

Groundwater and surface water monitoring is anticipated to ensure that the landfill is not releasing contamination to the environment. If it is found that the landfill is indeed releasing COCs to the environment, based on an increase in landfill leachate indicator detections and concentrations, a baseline analysis will be conducted. At this site, the baseline analysis will include VOCs, metals, PCBs, and landfill leachate indicators. Additional recommendations will be made using this data.

Landfill Gas Monitoring:

Landfill gas monitoring will be performed to ensure that methane gas does not travel outside the Landfill 1 boundary. If methane gas is detected at any of the perimeter POC wells and suspected of leaving the landfill boundary there will be an increase in frequency of gas sampling events to track upward trends and migration of methane.

Landfill Cover Inspections and Maintenance:

The landfill cover inspections and maintenance will be performed to ensure landfill cover materials, site drainage structures, and onsite monitoring wells are maintained and functioning within the design standards. In the event that the integrity of any of the above mentioned criteria is compromised, inspections and/ or maintenance will be performed immediately to address any damages or flaws at the site. The landfill maintenance requirements are specified in the January 2005 Landfill 1 O&M Manual.

Annual LUC/IC Site Inspections:

The LUC/IC site inspections will be maintained at an annual frequency.

5-Year Review:

The 5-Year Review will be maintained at a 5-year frequency.

Table 2
LF001 AOC LTM Network Summary

Sampling Locations	Screen Interval Depth (ft MSL)	Sampling Rationale	Target Analytes/ EPA Method Numbers[1]	Matrix	# of Samples	Sampling Frequency	Evaluation Criteria
Groundwater LF1P-3 LF1P-5 LF1MW-1R LF1MW-13 LF1MW-103 LF1MW-14	 494.13' – 489.13' 479.91' – 474.94' 534.46' – 524.46' 495.82' – 485.82' 32.8' – 22.8' 483.91' – 473.91'	---------- Downgradient Downgradient Upgradient POC well Bedrock Downgradient ----------	Anions – SW9056 Nitrogen (TKN) – 351.2 Ammonia – 350.1 Chemical Oxygen Demand (COD) – 410.4 Biological Oxygen Demand (BOD) – 405.1 Total Organic Carbon (TOC) - SW9060 Total Dissolved Solids (TDS) – 160.1 Alkalinity – 310.2 Phenols – SW9066 Hardness – 130.2 Color – 110.2 Boron – SW6010B	Water	16	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-2 LF1MW-5 LF1MW-6 LF1MW-10 LF1MW-11 LF1MW-12 MWSAR03 **Surface Water (Six Mile Creek)** LF1SW-1 LF1SW-2SMC LF1SW-3	495.07' – 490.07' 485.26' – 475.26' 492.36' – 482.36' 511.08' – 501.08' 494.25' – 484.25' 483.91' – 473.91' 521.28' – 511.28' Depth to groundwater ranged from 0.0 to 27.1 ft bgs.	Downgradient Downgradient Downgradient Downgradient Downgradient Downgradient Downgradient Potential contaminant receptor Potential contaminant receptor Potential contaminant receptor	VOCs – SW8260 Anions – SW9056 Nitrogen (TKN) – 351.2 Ammonia – 350.1 Chemical Oxygen Demand (COD) – 410.4 Biological Oxygen Demand (BOD) – 405.1 Total Organic Carbon (TOC) - SW9060 Total Dissolved Solids (TDS) – 160.1 Alkalinity – 310.2 Phenols – SW9066 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	Gas	20 probes 31 vents	Semiannually	

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

SECTION 3.0
LF002 (LANDFILL 2/3 AOC)

3.0 LF002 (LANDFILL 2/3 AOC)

3.1 Site Description

LF002, Landfill 2/3, is approximately 13 acres in size and is located in the northern portion of the base. 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. The groundwater flow rate at LF002 is 222 feet per year. Groundwater flow is very gradual to the southwest in the area of Landfill 2/3.

The ROD for LF002 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, a low-permeability layer, drainage layer, barrier protection layer, and a topsoil layer. LTM was initiated at LF002 in December 2003, and 5-Year Reviews were conducted in 2005 and 2010. Both 5-Year Reviews indicated that the selected remedy is protective of human health and the environment.

3.2 Current Conditions

Beginning in December 2003, LTM was performed at six monitoring wells (LF2MW2-1, LF2MW-4, -12, -13, -14, and -100) and three surface water locations (LF2SW-1, -2, and -3). These sampling locations are illustrated in the Landfill 2/3 Sampling Location Figure (see Attachment A). The LTM network was analyzed quarterly (routine) and annually (baseline) for NYSDEC Part 360 Parameters and VOCs. Currently, based on several rounds of sampling data metals and landfill leachate indicators are sampled annually. 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 SCGs included ammonia, chloride, bromide, color, TDS, and TKN and nitrate. The landfill leachate indicators detections continue to show stable trends. TDS at LF002 is historically detected near or below the NYS Groundwater Standard of 500 milligram/liter (mg/L) at all monitoring wells with the exception of LF2MW-100 (bedrock well). The TDS has historically been detected above 2,000 mg/L (Figure 3 in section 3.5.2). The TDS is higher at this well due to the sampling method (bailing) producing a greater amount of suspended solids in the sample. All exceedances are within one order of magnitude of the TDS standard.

Metals analysis for this site continues to show levels above NYS Groundwater SCGs. Metals in exceedance include barium, chromium, manganese, iron, sodium, aluminum, chromium, and nickel. Several of the metals (e.g., manganese, iron, and sodium) are indicative of base background conditions. All previous sampling data is provided in the Landfill 2/3 Sampling Results Table in Attachment B.

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 are conducted on a quarterly basis with annual landfill cover mowing (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.

3.3 Regulatory Drivers

LF002 is regulated under the CERCLA of 1980, as amended, and the NCP. Landfill recapping and LTM were/are conducted in accordance with New York State's Solid Waste Management Regulations, 6-NYCRR Part 360. Groundwater and surface water sample results are compared to NYSDEC Class GA Groundwater Standards and NYSDEC Class C Surface Water Standards (NYSDEC, June 1998). Additionally, the site activities are conducted under the supervision and recommendations of the USEPA, Region II and NYSDEC.

3.4 Proposed Outcome

The proposed outcome for this site is LTM Optimization.

3.5 Pathways to Achieve Proposed Outcome

3.5.1 Pathway to Proposed Outcome

Groundwater monitoring, surface water monitoring, landfill gas monitoring, and landfill cover maintenance will continue to be performed at LF002. The decision to optimize the monitoring at the site will be guided by the sampling data. Currently, no plumes or COCs are associated with the site as shown in the 8 years of LTM sampling data.

In addition, no VOC exceedances have occurred at any of the surface water locations since LTM sampling was initiated in December 2003.

The landfill inspections will be optimized from quarterly to semiannually. Spring and fall inspections are proposed at the landfills. The inspections will be conducted in the spring and fall as cover visibility is impacted by snow cover during the winter and by tall grasses in the summer. Additional inspections and/or maintenance will be performed as needed; following the guidance established in the January 2005 Landfill 2/3 O&M Manual. Additional inspections and/ or maintenance may be warranted as the result of significant rainfall over a 24-hour period or vector disturbance to the landfill cap.

3.5.2 Metric Development: Proposed End Point, Metrics, and Approach

Groundwater/Surface Water Monitoring:

The proposed end point at this site is the optimization of groundwater and surface water monitoring. Groundwater and surface water are anticipated to be monitored biennially in 2011, 2013, and 2015 and then every 5 years from 2020-2040. Subject to data

confirmation and regulatory concurrence, the projected LTM schedule for LF002 is provided in Table 3.

Table 3
LF002 LTM Schedule

Period of Performance		
Years	Activity	Performance
2011, 2013, and 2015	Groundwater and Surface Water Monitoring	2nd Quarter (June)
	Landfill Inspections, Landfill Gas Monitoring	2nd and 4th Quarters (May and October)
	Reporting	4th Quarter (December)
2012 and 2014	Landfill Inspections, Landfill Gas Monitoring	2nd and 4th Quarters (May and October)
	Reporting	4th Quarter (December)
2015	5-Year Review	2nd Quarter (April)
Post Period of Performance		
2020 through 2040	Landfill Inspections, Landfill Gas Monitoring	4th Quarter (October)
	Reporting	4th Quarter (December)
2020, 2025, 2030, 2035, and 2040	5-Year Review	2nd Quarter (April)
	Groundwater and Surface Water Monitoring	2nd Quarter (June)

Period of Performance:

Groundwater and surface water monitoring will be conducted at six monitoring wells and three surface water locations for landfill leachate indicators. Since the landfill does not have an associated COC plume, the analysis of landfill leachate indicators will provide any detection of potential contamination from the landfill entering the environment. Alterations to the frequency and duration of the LTM network will be conducted through the analysis of sampling data trends. Proposal to reduce the sampling frequency and/or discontinue the monitoring of a sampling location may be prompted by the indication of a decreasing trend and/or at least two consecutive rounds with COC levels below NYS Groundwater or Surface water SCGs. Proposal to increase the LTM network is detailed in the Contingencies section.

The sampling will be conducted biennially at all monitoring wells and surface water locations. Given the low groundwater velocity, the recommended monitoring frequency will provide adequate warning to any potential release of COCs to the environment by the landfill. As mentioned above, the groundwater flow velocity at this landfill is 222 feet per year. It will take groundwater approximately 4 years to migrate from upgradient of the landfill to the Landfill 2/3 toe. Additionally, sampling data from Landfill 2/3 has shown continued site-wide stabilization of all leachate indicators. Therefore, the recommended monitoring frequency will provide adequate warning to any potential release of COCs to

the environment by the landfill. Figure 3 shows the LF002 TDS concentrations trends (a landfill leachate indicator).

The six monitoring wells include LF2MW2-1, LF2MW-4, -12, -13, -14, and -100 and the three surface water sampling locations include LF2SW-1, -2, and -3. Low-flow sampling will be performed at all monitoring wells except bedrock monitoring well LF2MW-100 where bailer sampling will be performed. The surface water samples will be collected as grab samples. These sampling methods are described in detail in the Griffiss UFP QAPP. The LF002 LTM network is provided in Table 4 at the end of this plan.

Post-Period of Performance:

As a result of the absence of a contamination plume or COCs and the velocity of groundwater at the site, we anticipate sampling will be optimized to every 5 years (2020, 2025, 2030, 2035, and 2040) at the six monitoring wells and three surface water sampling locations. Samples will be analyzed for landfill leachate indicators. This sampling will be conducted in conjunction with the 5-Year Review process.

Landfill Gas Monitoring:

The proposed end point is the optimization of landfill gas monitoring.

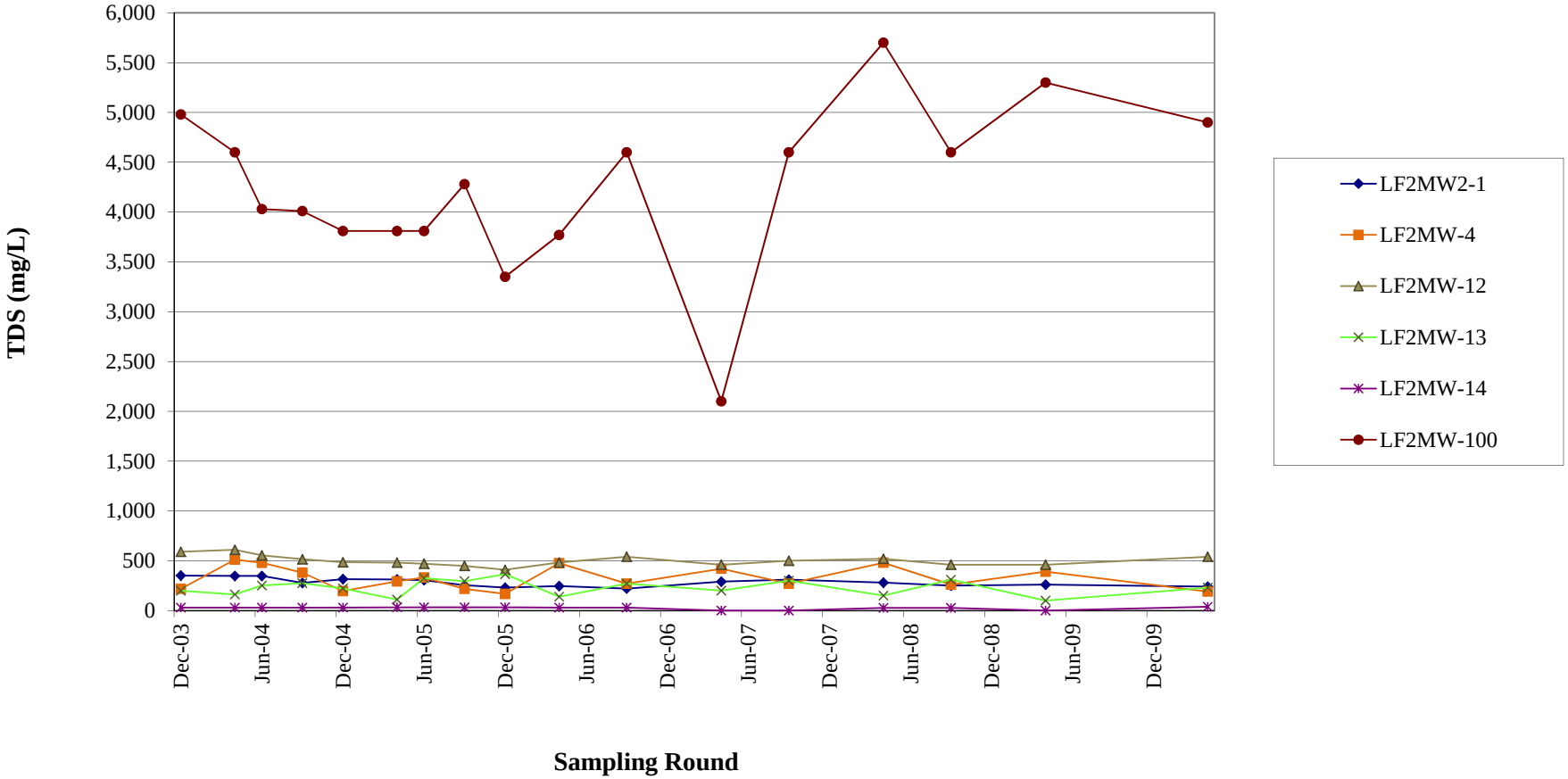
Period of Performance:

Nine gas monitoring probes and 14 gas vents are monitored semiannually for methane, LEL, oxygen, and carbon dioxide. Previous landfill gas monitoring rounds show that elevated methane concentrations persist throughout the landfill, but these levels are stable. Methane is not detected at any of the POC gas monitoring probes, therefore limiting potential risk of human exposure.

Post-Period of Performance:

As a result of the stable landfill gas results, we anticipate that monitoring will be optimized to annual.

Figure 3
LF002 TDS Concentration Trends



Landfill Cover Inspections and Maintenance:

The proposed end point is the optimization of landfill cover inspections.

Period of Performance:

The current scope of quarterly landfill cover inspections and maintenance will be optimized to semiannual with annual landfill cover mowing. Previous quarterly inspections have not identified any major deficiencies that would jeopardize the integrity of the cover. The inspections indicated that vegetation growth on the landfill cap shows optimal coverage for erosion control and cover system stabilization. Spring and fall inspections are proposed as the landfills are covered by snow in the winter and by tall grasses in the summer. Additional inspections or maintenance will be performed as needed, as identified in the January 2005 Landfill 2/3 O&M Manual. An example of additional inspections includes the inspections of the landfill covers following a 5-Year Storm event (6 inches of rainfall within a 24-hour period).

Post-Period of Performance:

The scope of semiannual landfill inspections will be recommended for optimization following the completion of this contract. If supported by landfill conditions, the optimized frequency will be annual with annual reporting. It is necessary that inspections continue to ensure the integrity of landfill fencing, signage, and the landfill cover.

Annual LUC/IC Inspections:

LUC/ICs, as required by the ROD, will be maintained in order to protect human health and the environment.

The Annual LUC/IC inspections will be conducted to confirm the implementation and performance of the LUC/ICs. All results will be reported annually in the base-wide LUC/IC Site Inspection Report.

5-Year Review:

LF002 will be included in the 2015 5-Year Review to evaluate the protectiveness of the remedy. The site will also be included in 5-Year Review from 2020-2040.

3.6 Contingencies

Groundwater/Surface Water Monitoring:

Groundwater and surface water monitoring is anticipated to ensure that the landfill is not releasing contamination to the environment. If it is found that the landfill is indeed releasing COCs to the environment, based on an increase in landfill leachate indicator detections and concentrations, a baseline analysis will be conducted. At this site, the baseline analysis will include VOCs, metals, PCBs, and landfill leachate indicators. Additional recommendations will be made using this data.

Landfill Gas Monitoring:

Landfill gas monitoring will be performed to ensure that methane gas does not travel outside the Landfill 2/3 boundary. If methane gas is detected at any of the perimeter POC wells and suspected of leaving the landfill boundary there will be an increase in frequency of gas sampling events to track upward trends and migration of methane.

Landfill Cover Inspections and Maintenance:

The landfill cover inspections and maintenance will be performed to ensure landfill cover materials, site drainage structures, and onsite monitoring wells are maintained and functioning within the design standards. In the event that the integrity of any of the above mentioned criteria are compromised, inspections and/or maintenance will be performed immediately to address any damages or flaws at the site. The landfill maintenance requirements are specified in the January 2005 Landfill 2/3 O&M Manual.

Annual LUC/IC Site Inspections:

The LUC/IC site inspections will be maintained at an annual frequency.

5-Year Review:

The 5-Year Review will be maintained at a 5-Year frequency.

Table 4
LF002 AOC LTM Network Summary

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	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.
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	Semiannual	

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

SECTION 4.0
LF003 (LANDFILL 7 AOC)

4.0 LF003 (LANDFILL 7 AOC)

4.1 Site Description

LF003, Landfill 7, is approximately 11 acres in size and is located northeast of Runway 15/33. 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. The groundwater flow rate at LF003 is 445 feet per year. Groundwater flow at Landfill 7 is in a general south-southwest direction.

The ROD for LF003 was signed by the USEPA on June 6, 2000. In accordance with the ROD, the landfill was re-graded and capped in 2002. The cap components include a low-permeability layer, drainage layer, barrier protection layer, and a topsoil layer. LTM was initiated in February 2003, and 5-Year Reviews were conducted in 2005 and 2010. Both 5-Year Reviews indicated that the selected remedy is protective of human health and the environment.

4.2 Current Conditions

Beginning in February 2003, LTM was performed 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 the Landfill 7 Sampling Location Figure (see Attachment A). The LTM network was analyzed quarterly (routine) and annually (baseline) for NYSDEC Part 360 Parameters and VOCs. Currently, based on several rounds of sampling data, only metals are analyzed on an annual basis. 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 SCGs included color, 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 continues to show levels above NYS Groundwater SCGs. Metals in exceedance include magnesium, manganese, iron, sodium, aluminum, chromium, and nickel. Several of the metals, including manganese, iron, and sodium are indicative of base background conditions. All previous sampling data is provided in the Landfill 7 Sampling Results Table in Attachment B.

Since September 2003, landfill inspections and cover maintenance have been performed at Landfill 7. Inspections and maintenance are conducted on a quarterly basis with annual landfill cover mowing (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.

4.3 Regulatory Drivers

LF003 is regulated under the CERCLA of 1980, as amended, and the NCP. Landfill recapping and LTM were/are conducted in accordance with New York State's Solid

Waste Management Regulations, 6-NYCRR Part 360. Groundwater and surface water sample results are compared to NYSDEC Class GA Groundwater Standards and NYSDEC Class C Surface Water Standards (NYSDEC, June 1998). Additionally, the site activities are conducted under the supervision and recommendations of the USEPA, Region II and NYSDEC.

4.4 Proposed Outcome

The proposed outcome for this site is LTM Optimization.

4.5 Pathways to Achieve Proposed Outcome

4.5.1 Pathway to Proposed Outcome

Groundwater monitoring, surface water monitoring and landfill cover maintenance will continue to be performed at LF003. The decision to optimize the monitoring at the site will be guided by the sampling data. Currently, no plumes or COCs are associated with the site as shown in the 7 years of LTM sampling data.

The landfill inspections will be optimized from quarterly to semiannually. Spring and fall inspections are proposed at the landfills. The inspections will be conducted in the spring and fall as cover visibility is impacted by snow cover during the winter and by tall grasses in the summer. Additional inspections and/or maintenance will be performed as needed; following the guidance established in the September 2003 Landfill 7 O&M Manual. Additional inspections and/ or maintenance may be warranted as the result of significant rainfall over a 24-hour period or vector disturbance to the landfill cap.

4.5.2 Metric Development: Proposed End Point, Metrics, and Approach

Groundwater/Surface Water Monitoring:

The proposed end point at this site is the optimization of groundwater and surface water monitoring. Groundwater and surface water are anticipated to be monitored biennially for leachate indicators in 2011, 2013, and 2015. Following the 2015 event, the sampling frequency will be optimized to every 5 years from 2020 to 2040. The LTM schedule for LF003 is provided in Table 5. The LF003 LTM network is provided in Table 6 at the end of this plan.

Period of Performance:

Groundwater and surface water monitoring will be conducted at eight monitoring wells and two wetland surface water locations for landfill leachate indicators. Since the landfill does not have an associated COC plume, the analysis of landfill leachate indicators will provide any detection of potential contamination from the landfill entering the environment. Alterations to the frequency and duration of the LTM network will be conducted through the analysis of sampling data trends. Proposal to reduce the sampling frequency and/or discontinue the monitoring of a sampling location may be prompted by the indication of a decreasing trend and/or at least two consecutive rounds with COC levels below NYS Groundwater or Surface water SCGs. The proposal to increase the LTM network is detailed in the Contingencies section.

Table 5
LF003 LTM Schedule

Period of Performance		
Years	Activity	Performance
2011, 2013, and 2015	Groundwater and Surface Water Monitoring	2nd Quarter (June)
	Landfill Inspections	2nd and 4th Quarters (May and October)
	Reporting	4th Quarter (December)
2012 and 2014	Landfill Inspections	2nd and 4th Quarters (May and October)
	Reporting	4th Quarter (December)
2015	5-Year Review	2nd Quarter (April)
Post Period of Performance		
2020 through 2040	Landfill Inspections, Landfill Gas Monitoring	4th Quarter (October)
	Reporting	4th Quarter (December)
2020, 2025, 2030, 2035, and 2040	5-Year Review	2nd Quarter (April)
	Groundwater and Surface Water Monitoring	2nd Quarter (June)

The sampling will be conducted biennially, starting in the June 2011, at all monitoring wells and surface water locations. Given the absence of COCs, sampling will be conducted biennially for landfill leachate indicators. The recommended monitoring frequency will provide adequate warning to any potential release of COCs to the environment by the landfill.

The eight monitoring wells include LF7W-22, -23, -26, -27, -28, -29, -30, and -100 and the two wetland surface water sampling locations include LF7WL-3 and -4. Low-flow sampling will be performed at all monitoring wells except bedrock monitoring well LF7MW-100 where bailer sampling will be used. The surface water samples will be collected as grab samples. These sampling methods are described in detail in the Griffiss UFP-QAPP.

Post-Period of Performance:

As a result of the absence of a contamination plume or COCs and the velocity of groundwater at the site, we anticipate sampling will be optimized to every 5 years (2020, 2025, 2030, 2035, and 2040) at the eight monitoring wells and two wetland surface water sampling locations. Samples will be analyzed for metals and landfill leachate indicators. This sampling will be conducted in conjunction with the 5-Year Review process.

Landfill Cover Inspections and Maintenance:

The proposed end point at this site for landfill cover maintenance is semiannual.

Period of Performance:

The current scope of quarterly landfill cover inspections and maintenance will be reduced to semiannual with annual landfill cover mowing. Previous quarterly inspections have not identified any major deficiencies that would jeopardize the integrity of the cover. The inspections indicated that vegetation growth on the landfill cap shows optimal coverage for erosion control and cover system stabilization. Spring and fall inspections are proposed as the landfills are covered by snow in the winter and by tall grasses in the summer. Additional inspections or maintenance will be performed as needed, as identified in the September 2003 Landfill 7 O&M Manual. An example of additional inspections includes the inspections of the landfill covers following a 5-Year Storm event (6 inches of rainfall within a 24-hour period).

Post-Period of Performance:

The scope of semiannual landfill inspections will be recommended for optimization following the completion of this contract. If supported by the landfill conditions, the desired inspection frequency will be annual with annual reporting. It is necessary that inspections continue to ensure the integrity of landfill fencing, signage and the landfill cover.

Annual LUC/IC Inspections:

LUC/ICs, as required by the ROD, will be maintained in order to protect human health and the environment until the site is closed in 2040.

The Annual LUC/IC inspections will be conducted to confirm the implementation and performance of the LUC/ICs. All results will be reported annually in the base-wide LUC/IC Site Inspection Report.

5-Year Review:

LF003 will be included in the 2015 5-Year Review to evaluate the protectiveness of the remedy. The site will also be included in the 2020, 2025, 2030, 2035, and 2040 5-Year Reviews.

4.6 Contingencies

Groundwater/Surface Water Monitoring:

Groundwater and surface water monitoring is anticipated to ensure that the landfill is not releasing contamination to the environment. If it is found that the landfill is indeed releasing COCs to the environment, based on an increase in landfill leachate indicator detections and concentrations, a baseline analysis will be conducted. At this site, the baseline analysis will include VOCs, metals, PCBs, and landfill leachate indicators. Additional recommendations will be made using this data.

Landfill Cover Inspections and Maintenance:

The landfill cover inspections and maintenance will be performed to ensure landfill cover materials, site drainage structures, and on-site monitoring wells are maintained and functioning within the design standards. In the event that the integrity of any of the above mentioned criteria are compromised, inspections and/ or maintenance will be performed immediately to address any damages or flaws at the site. The landfill maintenance requirements are specified in the September 2003 Landfill 7 O&M Manual.

Annual LUC/IC Site Inspections:

The LUC/IC site inspections will be maintained at an annual frequency.

5-Year Review:

The 5-Year Review will be maintained at a 5-year frequency.

Table 6
LF003 AOC LTM Network Summary

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	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.
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 1 ft to 17.71 ft bgs.						
LF7WL-3		Potential contaminant receptor					
LF7WL-4		Potential contaminant receptor					

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

SECTION 5.0
LF007 (LANDFILL 5 AOC)

5.0 LF007 (LANDFILL 5 AOC)

5.1 Site Description

LF007, Landfill 5, is approximately 4 acres in size and is located in the south-central portion of the base. 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 the Remedial Investigation (RI), groundwater flow rates were found to be 114 feet per year. 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 ROD for LF007 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 a low-permeability layer, drainage layer, barrier protection layer, and a topsoil layer. LTM was initiated in February 2003, and 5-Year Reviews were conducted in 2005 and 2010. Both 5-Year Reviews indicated that the selected remedy is protective of human health and the environment.

5.2 Current Conditions

Beginning in February 2003, LTM was performed at five monitoring wells (LF5MW-1A, -3, -5, -100R, and MW49D07) and three surface water locations (LF5SW-1, -2, and -3). These sampling locations are illustrated in the Landfill 5 Sampling Location Figure (see Attachment A). The LTM network was analyzed quarterly (routine) and annually (baseline) for NYSDEC Part 360 Parameters and VOCs. Currently, based on several rounds of sampling data, only metals are analyzed on an annual basis. All recommendations to alter the sampling network were provided in previous Landfill AOCs LTM Reports and reviewed by the USEPA and NYSDEC.

VOCs were analyzed until 2006, no exceedances were reported. PCBs were analyzed until 2006 at all sampling locations and until 2008 at LF5MW-100R (bedrock well). PCBs were only detected in LF5MW-100R. In 2005 and 2006, the PCB detections were above the NYS Groundwater Standards, Criteria, or Guidance values (SCGs). No PCBs were detected at this location in 2007 and 2008. Landfill leachate indicators previously detected above the NYS Groundwater / Surface water SCGs 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 continues to show levels above NYS Groundwater SCGs. Metals in exceedance include manganese, iron, sodium, aluminum, chromium, and nickel. Several of the metals (e.g., manganese, iron, and sodium) are indicative of base background conditions. All previous sampling data is provided in the Landfill 5 Sampling Results Table in Attachment B.

Since September 2003, landfill inspections and cover maintenance have been performed at Landfill 5. Inspections and maintenance are conducted on a quarterly basis with annual landfill cover mowing (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.

5.3 Regulatory Drivers

LF007 is regulated under the CERCLA of 1980, as amended, and the NCP. Landfill recapping and LTM were/are conducted in accordance with New York State's Solid Waste Management Regulations, 6-NYCRR Part 360. Groundwater and surface water sample results are compared to NYSDEC Class GA Groundwater Standards and NYSDEC Class C Surface Water Standards (NYSDEC, June 1998). Additionally, the site activities are conducted under the supervision and recommendations of the USEPA, Region II and NYSDEC. Additionally, the site activities are conducted under the supervision and recommendations of the USEPA, Region II and NYSDEC.

5.4 Proposed Outcome

The proposed outcome for this site is Optimized Exit Strategy.

5.5 Pathways to Achieve Proposed Outcome

5.5.1 Pathway to Proposed Outcome

Groundwater monitoring, surface water monitoring and landfill cover maintenance will continue to be performed at LF007. The decision to optimize the monitoring at the site will be guided by the sampling data. Currently, no plumes or COCs are associated with the site as shown in the seven years of LTM sampling data.

The landfill inspections will be optimized from quarterly to semiannually. Spring and fall inspections are proposed at the landfills. The inspections will be conducted in the spring and fall as cover visibility is impacted by snow cover during the winter and by tall grasses in the summer. Additional inspections and/or maintenance will be performed as needed; following the guidance established in the September 2003 Landfill 5 O&M Manual. Additional inspections and/ or maintenance may be warranted as the result of significant rainfall over a 24-hour period or vector disturbance to the landfill cap.

5.5.2 Metric Development: Proposed End Point, Metrics, and Approach

Groundwater/Surface Water Monitoring:

The proposed end point at this site is the optimization of groundwater and surface water monitoring. Groundwater and surface water are anticipated to be monitored biennially in 2011, 2013, and 2015, and every 5 years from 2019 to 2039. The LTM schedule for LF007 is provided in Table 7 and the LF003 LTM network is provided in Table 8.

Period of Performance:

Groundwater and surface water monitoring will be conducted at five monitoring wells and three surface water locations for landfill leachate indicators. Since the landfill does not have an associated COC plume, the analysis of landfill leachate indicators will provide any detection of potential contamination from the landfill entering the environment. Alterations to the frequency and duration of the LTM network will be conducted through the analysis of sampling data trends. Proposal to reduce the sampling frequency and/or discontinue the monitoring of a sampling location may be prompted by the indication of a decreasing trend and/or at least two consecutive rounds with COC

levels below NYS Groundwater or Surface water SCGs. Proposal to increase the LTM network is detailed in the Contingencies section.

Table 7
LF007 LTM Schedule

Period of Performance		
Years	Activity	Performance
2011, 2013, 2015	Groundwater and Surface water Monitoring	2nd Quarter (June)
	Landfill Inspections	2nd and 4th Quarters (May and October)
	Reporting	4th Quarter (December)
2012 and 2014	Landfill Inspections	2nd and 4th Quarters (May and October)
	Reporting	4th Quarter (December)
2015	5-Year Review	2nd Quarter (April)
Post Period of Performance		
2016, 2017, and 2018	Landfill Inspections	4th Quarter (October)
	Reporting	4th Quarter (December)
2019, 2024, 2029, 2034, and 2039	Groundwater and Surface water Monitoring	2nd Quarter (June)
	Landfill Inspections	4th Quarter (October)
	Reporting	4th Quarter (December)
2020, 2025, 2030, 2035, and 2040	5-Year Review	2nd Quarter (April)

The sampling will be conducted biennially, starting in the June 2011, at all monitoring wells and surface water locations. Given the low velocity of the groundwater flow at the site and absence of COCs, sampling will be conducted biennially for landfill leachate indicators. As mentioned above, the groundwater flow velocity at this landfill is 114 feet per year. It will take groundwater 2.5 years to migrate from upgradient of the landfill to the wetland area located at the Landfill 5 southern toe. Therefore, the recommended monitoring frequency will provide adequate warning to any potential release of COCs to the environment by the landfill.

The five monitoring wells include LF5MW-1A, -3, -5, -100R, and MW49D07 and the three surface water sampling locations include LF5SW-1, -2, and -3. Low-flow sampling will be performed at LF5MW-3, and -5, while bailer sampling will be performed at LF5MW-1A, -100R, and MW49D07. The surface water samples will be collected as grab samples. These sampling methods are described in detail in the Griffiss UFP QAPP.

Post-Period of Performance:

As a result of the absence of a contamination plume or COCs and the velocity of groundwater at the site, we anticipate sampling will be optimized to every 5 years (2019, 2024, 2029, 2034, and 2039) at the five monitoring wells and three surface water

sampling locations. Samples will be analyzed for landfill leachate indicators. This sampling will be conducted in conjunction with the 5-Year Review process.

Landfill Cover Inspections and Maintenance:

The proposed end point at this site for landfill cover maintenance is semiannual.

Period of Performance:

The current scope of quarterly landfill cover inspections and maintenance will be optimized to semiannual with annual landfill cover mowing. Previous quarterly inspections have not identified any major deficiencies that would jeopardize the integrity of the cover. The inspections indicated that vegetation growth on the landfill cap shows optimal coverage for erosion control and cover system stabilization. Spring and fall inspections are proposed as the landfills are covered by snow in the winter and by tall grasses in the summer. Additional inspections or maintenance will be performed as needed, as identified in the September 2003 Landfill 5 O&M Manual. An example of additional inspections includes the inspections of the landfill covers following a 5-Year Storm event (6 inches of rainfall within a 24-hour period).

Post-Period of Performance:

The scope of semiannual landfill inspections will be recommended for optimization following the completion of this contract. It is necessary that inspections continue to ensure the integrity of landfill fencing, signage and the landfill cover.

Annual LUC/IC Inspections:

LUC/ICs, as required by the ROD, will be maintained in order to protect human health and the environment until the site is closed in 2040.

The Annual LUC/IC inspections will be conducted to confirm the implementation and performance of the LUC/ICs. All results will be reported annually in the base-wide LUC/IC Site Inspection Report.

5-Year Review:

LF007 will be included in the 2015 5-Year Review to evaluate the protectiveness of the remedy. The site will also be included in the 2020, 2025, 2030, 2035, and 2040 5-Year Reviews.

5.6 Contingencies

Groundwater/Surface Water Monitoring:

Groundwater and surface water monitoring is anticipated to ensure that the landfill is not releasing contamination to the environment. If it is found that the landfill is indeed releasing COCs to the environment, based on an increase in landfill leachate indicator detections and concentrations, a baseline analysis will be conducted. At this site, the

baseline analysis will include VOCs, metals, PCBs, and landfill leachate indicators. Additional recommendations will be made using this data.

Landfill Cover Inspections and Maintenance:

The landfill cover inspections and maintenance will be performed to ensure landfill cover materials, site drainage structures, and onsite monitoring wells are maintained and functioning within the design standards. In the event that the integrity of any of the above mentioned criteria are compromised, inspections and/or maintenance will be performed immediately to address any damages or flaws at the site. The landfill maintenance requirements are specified in the September 2003 Landfill 5 O&M Manual.

Annual LUC/IC Site Inspections:

The LUC/IC site inspections will not be optimized.

5-Year Review:

The 5-Year Review will not be optimized.

Table 8
LF003 AOC LTM Network Summary

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	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.
LF5MW-3	459.25' – 449.25'	Downgradient of potential source and between landfill and hardfill	Anions – SW9056				
MW49D07	455.51' – 445.51'	Downgradient from potential source	Nitrogen (TKN) – 351.2				
LF5MW-5	459.49' – 449.49'	Downgradient from potential source	Ammonia – 350.2				
LF5MW-100	405.92' – 395.92'	Bedrock, downgradient	COD – 410.4				
LF5MW-1A	465.6' – 455.6'	Upgradient from potential	BOD – 405.1				
			TOC – SW9060				
Leachate Samples		None encountered	TDS – 160.1				
	----------	----------	Alkalinity – 310.1				
Surface Water	Depth to		Phenols – SW9066				
LF5SW-1	groundwater	Potential contaminant receptor	Hardness – 130.2				
LF5SW-2	ranged from	Potential contaminant receptor	Color – 110.2				
LF5SW-3	4.90 to 21.80	Potential contaminant receptor	Boron – SW6010B				
	ft bgs.						

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

SECTION 6.0
LF009 (LANDFILL 6 AOC)

6.0 LF009 (LANDFILL 6 AOC)

6.1 Site Description

LF009, Landfill 6, is approximately 15.7 acres in size and is located near the southern boundary of the base. 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. 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. In 1986, a clay cap was constructed over the fuel-contaminated soils area. The groundwater flow rate at LF009 is 37 feet per year. Groundwater flows south-southwest toward TMC at Landfill 6.

The ROD for LF009 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 gas venting layer, a low-permeability layer, drainage layer, barrier protection layer, and a topsoil layer. A portion of the fill material used at Landfill 6 consisted of soil/debris from various on-base projects, including: approximately 52,600 cubic yards (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. LTM was initiated in June 2006 and Five-Year Reviews were conducted in 2005 and 2010. Both 5-Year Reviews indicated that the selected remedy is protective of human health and the environment.

6.2 Current Conditions

Beginning in June 2006, LTM was performed 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 LF6 LTM network in December 2006. These sampling locations are illustrated in the Landfill 6 Sampling Location Figure (see Attachment A). The LTM network was analyzed quarterly (routine) and annually (baseline) for NYSDEC Part 360 Parameters and VOCs. Currently, based on several rounds of sampling data NYSDEC Part 360 Parameters and VOCs are sampled semiannually. All recommendations to alter the sampling network were provided in previous Landfill AOCs LTM Reports and reviewed by the USEPA and NYSDEC.

VOCs currently detected above the NYS Groundwater/ Surface water SCGs include TCE and cis-1,2 dichloroethene. Exceedances occur at monitoring wells 775VMW-10, LF6MW-12, and LF6VMW-26. Landfill leachate indicators previously detected above the NYS Groundwater / Surface water SCGs included chloride, color, TDS, and TKN. The landfill leachate indicators detections continue to show stable trends. Metals analysis for this site continues to show levels above NYS Groundwater SCGs. Metals in exceedance include manganese, magnesium, iron, sodium, aluminum, chromium, and nickel. Several of the metals (e.g., manganese, iron, sodium) are indicative of base

background conditions. All previous sampling data is provided in the Landfill 6 Sampling Results Table in Attachment B.

Landfill gas monitoring has been performed at Landfill 6 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 and is now sampled semiannually. Results from the gas sampling events at Landfill 6 showed elevated methane concentrations throughout the landfill, but these levels have declined. Methane has not been detected on Landfill 6 since the fall 2009 gas monitoring round.

Since July 2006, landfill inspections and cover maintenance have been performed at Landfill 6. Inspections and maintenance are conducted on a quarterly basis with annual landfill cover mowing (fall). Land-use Controls/Institutional Controls (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.

6.3 Regulatory Drivers

LF009 is regulated under the CERCLA of 1980, as amended, and the NCP. Landfill recapping and LTM were/are conducted in accordance with New York State's Solid Waste Management Regulations, 6-NYCRR Part 360. Groundwater and surface water sample results are compared to NYSDEC Class GA Groundwater Standards and NYSDEC Class C Surface Water Standards (NYSDEC, June 1998). Additionally, the site activities are conducted under the supervision and recommendations of the USEPA, Region II and NYSDEC. Additionally, the site activities are conducted under the supervision and recommendations of the USEPA, Region II and NYSDEC.

6.4 Proposed Outcome

The proposed outcome for this site is LTM Optimization.

6.5 Pathways to Achieve Proposed Outcome

6.5.1 Pathway to Proposed Outcome

Groundwater monitoring, surface water monitoring and landfill cover maintenance will continue to be performed at LF009. The decision to optimize the monitoring at the site will be guided by the sampling data. VOC exceedances at Landfill 6 are limited to three monitoring wells 775VMW-10, LF6MW-12, and LF6VMW-26. These wells have showed sustained exceedances. There has been a stable and/or decreasing VOC concentration trend at monitoring wells 775VMW-10, LF6MW-12, and LF6VMW-26. In addition, no VOC exceedances have occurred at any of the three surface water locations since LTM sampling was initiated in June 2006.

The landfill gas monitoring will be optimized from quarterly to semiannual. Previous landfill gas monitoring rounds show that elevated methane concentrations were detected throughout the landfill but these levels have declined.

The landfill inspections will be optimized from quarterly to semiannually. Spring and fall inspections are proposed at the landfills. The inspections will be conducted in the spring and fall as cover visibility is impacted by snow cover during the winter and by tall grasses in the summer. Additional inspections and/or maintenance will be performed as needed; following the guidance established in the December 2006 Landfill 6 O&M Manual. Additional inspections and/ or maintenance may be warranted as the result of significant rainfall over a 24-hour period or vector disturbance to the landfill cap.

6.5.2 Metric Development: Proposed End Point, Metrics, and Approach

The proposed end point at this site is the optimization of groundwater and surface water monitoring. Groundwater and surface water are anticipated to be monitored annually in 2011, 2012, and 2013, every two years from 2014-2018 and every 5 years from 2020-2040. Subject to data confirmation and regulatory concurrence, the projected LTM schedule for LF009 is provided in Table 9. The LF009 LTM network is provided in Table 10 at the end of the LF009 section.

Table 9
LF009 LTM Schedule

Period of Performance		
Years	Activity	Performance
2011, 2012, 2013, and 2014	Groundwater and Surface water Monitoring	2nd Quarter (June)
	Landfill Inspections, Landfill Gas Monitoring	2nd and 4th Quarters (May and October)
	Reporting	4th Quarter (December)
2015	Landfill Inspections	2nd and 4th Quarters (May and October)
	Reporting	4th Quarter (December)
	5-Year Review	2nd Quarter (April)
Post Period of Performance		
2016 through 2040	Landfill Inspections, Landfill Gas Monitoring	4th Quarter (October)
	Reporting	4th Quarter (December)
2016, 2018, 2020, 2025, 2030, 2035, and 2040	Groundwater and Surface water Monitoring	2nd Quarter (June)
2020, 2025, 2030, 2035, and 2040	5-Year Review	2nd Quarter (April)

Period of Performance:

Groundwater and surface water monitoring will be conducted annually at 19 monitoring wells and three surface water locations, one wetland location and two leachate locations for landfill leachate indicators. Additionally, annual VOC analysis will be performed at monitoring wells 775VMW-10, LF6VMW-12, -23, -24, -25, -26, and TMCMW-9, surface water locations LF6SW-1, -2, -3, wetland sample LF6W-1. Alterations to the frequency and duration of the LTM network will be conducted through the analysis of

sampling data trends. Proposal to reduce the sampling frequency and/or discontinue the monitoring of a sampling location may be prompted by the indication of a decreasing trend and/or at least two consecutive rounds with COC levels below NYS Groundwater or Surface water SCGs. Proposal to increase the LTM network is detailed in the Contingencies section.

Starting in 2014, sampling will be conducted biennially at all monitoring wells and surface water locations for landfill leachate indicators. Given the low groundwater velocity, the recommended monitoring frequency will provide adequate warning to any potential release of COCs to the environment by the landfill. As mentioned above, the groundwater flow velocity at this landfill is 37 feet per year. It will take groundwater approximately 10 years to migrate from upgradient of the landfill to the Landfill 6 toe. Additionally, sampling data from Landfill 6 has shown continued site-wide stabilization of all leachate indicators. Figure 4 shows the LF009 (TDS) concentrations trends (a landfill leachate indicator) for downgradient monitoring wells. Therefore, the recommended monitoring frequency will provide adequate warning to any potential release of COCs to the environment by the landfill.

Additionally, the CAPE team anticipates removing VOC analysis from the LF009 LTM following the 2014 sampling event. All exceedances reported during the LF009 LTM sampling are associated with Landfill 6 Chlorinated plume (SD052). The Landfill 6 Chlorinated Plume is part of the SD052 On-Base Groundwater Contamination program and is sampled semiannually.The 19 monitoring wells include 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, the three surface water sampling locations include LF6SW-1, -2, and -3, two leachate sampling locations LF6LH-1 and -2, and wetland sample LF6W-1. Low-flow sampling will be performed at all monitoring wells except bedrock monitoring well LF1MW-103 where bailer sampling will be performed. The surface water samples and wetland sample will be collected as grab samples. These sampling methods are described in detail in the Griffiss UFP-QAPP.

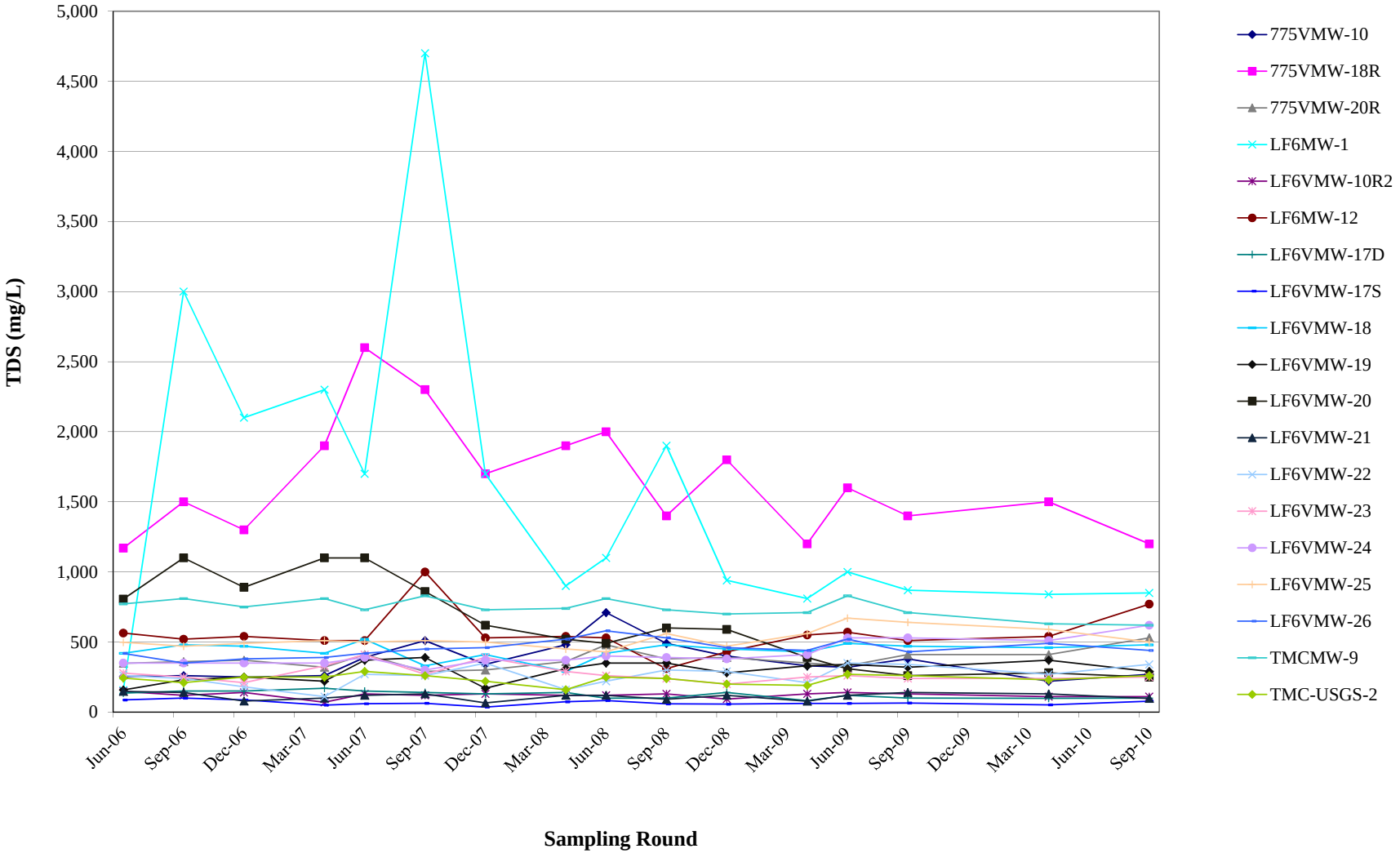
Post-Period of Performance:

As a result of the stabilization/decline of contaminants at the site, we anticipate sampling will be optimized to biennial for 2016 and 2018 then every 5 years (2020, 2025, 2030, 2035, and 2040) at the 19 monitoring wells, three surface water sampling locations, and one wetland location. Samples will be analyzed for landfill leachate indicators. This sampling will be conducted in conjunction with the 5-Year Review process.

Landfill Gas Monitoring:

The proposed end point is the optimization of landfill gas monitoring.

Figure 4
LF009 TDS Concentration Trends



Period of Performance:

Thirteen gas monitoring probes and 16 gas vents are monitored semiannually for methane, LEL, oxygen, and carbon dioxide. Previous landfill gas monitoring rounds show that elevated methane concentrations persist throughout the landfill, but these levels are stable. Methane is not detected at any of the POC gas monitoring probes, therefore limiting potential risk of human exposure.

Post-Period of Performance:

As a result of the stable landfill gas results, it is anticipated that monitoring will be optimized to annual.

Landfill Cover Inspections and Maintenance:

The proposed end point at this site for landfill cover maintenance is semiannual.

Period of Performance:

The current scope of quarterly landfill cover inspections and maintenance will be reduced to semiannual with annual landfill cover mowing. Previous quarterly inspections have not identified any major deficiencies that would jeopardize the integrity of the cover. The inspections indicated that vegetation growth on the landfill cap shows optimal coverage for erosion control and cover system stabilization. Spring and fall inspections are proposed as the landfills are covered by snow in the winter and by tall grasses in the summer. Additional inspections or maintenance will be performed as needed, as identified in the December 2006 Landfill 6 O&M Manual. An example of additional inspections includes the inspections of the landfill covers following a 5-Year Storm event (6 inches of rainfall within a 24-hour period).

Post-Period of Performance:

The scope of semiannual landfill inspections will be recommended for optimization following the completion of this contract. If supported by landfill conditions, the desired inspection frequency will be annual with annual reporting. It is necessary that inspections continue to ensure the integrity of landfill fencing, signage and the landfill cover.

Annual LUC/IC Inspections:

LUC/ICs, as required by the ROD, will be maintained in order to protect human health and the environment until the site is closed in 2040.

The Annual LUC/IC inspections will be conducted to confirm the implementation and performance of the LUC/ICs. All results will be reported annually in the base-wide LUC/IC Site Inspection Report.

5-Year Review:

LF009 will be included in the 2015 5-Year Review to evaluate the protectiveness of the remedy. The site will also be included in the 2020, 2025, 2030, 2035, and 2040 5-Year Reviews.

6.6 Contingencies

Groundwater/Surface Water Monitoring:

Groundwater and surface water monitoring is anticipated to ensure that the landfill is not releasing contamination to the environment. If it is found that the landfill is indeed releasing COCs to the environment, based on an increase in landfill leachate indicator detections and concentrations, a baseline analysis will be conducted. At this site, the baseline analysis will include VOCs, metals, PCBs, and landfill leachate indicators. Additional recommendations will be made using these data.

Landfill Gas Monitoring:

Landfill gas monitoring will be performed to ensure that methane gas does not travel outside the Landfill 6 boundary. If methane gas is detected at any of the perimeter POC wells and suspected of leaving the landfill boundary there will be an increase in frequency of gas sampling events to track upward trends and migration of methane.

Landfill Cover Inspections and Maintenance:

The landfill cover inspections and maintenance will be performed to ensure landfill cover materials, site drainage structures, and on-site monitoring wells are maintained and functioning within the design standards. In the event that the integrity of any of the above mentioned criteria are compromised, inspections and/ or maintenance will be performed immediately to address any damages or flaws at the site. The landfill maintenance requirements are specified in the December 2006 Landfill 6 O&M Manual.

Annual LUC/IC Site Inspections:

The LUC/IC site inspections will be maintained at an annual frequency.

5-Year Review:

The 5-Year Review will be maintained at a 5-Year frequency.

Table 10
LF009 AOC LTM Network Summary

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	457.18' – 447.18'	Downgradient, vertical profile	TOC – SW9060				
LF6VMW-17D	422.1' – 412.1'	Downgradient, vertical profile	TDS – 160.1				
LF6VMW-18	411.88' – 421.88'	Downgradient, vertical profile	Alkalinity – 310.1				
LF6VMW-19	438.95' – 428.95'	Downgradient, vertical profile	Phenols – SW9066				
LF6VMW-20	398.26' – 388.26'	Downgradient, vertical profile	Hardness – 130.2				
LF6VMW-21	434.93' – 424.93'	Upgradient well	Color – 110.2				
LF6VMW-22	435.76' – 425.76'	Downgradient, vertical profile	Boron – SW6010B				
Leachate Locations							
LF6LH-1		Leachate locations					
LF6LH-2							

Table 10 (cont'd):
LF009 AOC LTM Network Summary

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 LF6VMW-24 LF6VMW-25 LF6VMW-26 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	Semiannual	

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

SECTION 7.0
SD031 (THREE MILE CREEK AOC)

7.0 SD031 (THREE MILE CREEK AOC)

7.1 Site Description

The TMC AOC is located in a forested area in the southern part of the former Griffiss AFB. It is bordered by the Electrical Power Substation (EPS) to the northwest, Landfills 4, 5, and 6 to the northeast, and the former Skyline Housing development to the southwest. The TMC AOC is a creek with an approximate length of 10,000 feet, a width of 10 feet and a depth ranging from 2 inches at its origination to 2 feet at the furthest downstream area near the New York State Barge Canal. The creek originates at two storm water culvert outlets located at Ellsworth Road and Wright Drive (near the EPS). Two additional smaller culverts that drain the area surrounding the EPS enter the creek slightly downstream from the two larger culverts. The creek receives both surface water runoff and groundwater from the surrounding watershed. Drainage is received from Landfills 4, 5, and 6, the Electric Power Substation and the south central part of the Base. TMC flows in a southeasterly direction and eventually flows into the NYS Barge Canal (about one mile south of the Base).

The ROD for the TMC AOC was issued by the Air Force in December 2003 and signed by the USEPA in March 2004. In addition, 5-Year Reviews were conducted in 2005 and 2010. Both 5-Year Reviews indicated that the selected remedy is protective of human health and the environment.

7.2 Three Mile Creek AOC Conditions

7.2.1 Previous Investigations

Preliminary studies of TMC were performed in 1981, 1987, and 1988. Soil, sediment, surface water, groundwater, and fish tissue samples were collected. Numerous metals, PAHs, PCBs, and pesticides were detected in the streambed sediments and the fish tissue was contaminated with PCBs, some PAHs, and metals. The results of these studies led to the performance of an RI from 1993-1995.

The RI was performed to characterize the nature and extent of environmental contamination at the TMC AOC to determine whether remedial action was necessary to eliminate potential threats to human health and the environment from exposures that might arise under existing or expected future site conditions. The RI included an aquatic survey, surface water sampling, sediment sampling, and fish tissue sampling. The aquatic survey was used to evaluate creek habitat, water quality, benthic and drift macroinvertebrate communities, and fish populations within four 100-meter segments of the on-base part of the creek (one near the EPS, one near Landfill 5, one near the Thor Street residential area, and one further downstream just inside the base boundary). At approximately the same locations, sediment samples were collected for toxicity testing and fish samples were collected for pesticides, PCBs, and metals analyses. Results from the sediment toxicity tests performed as part of the aquatic survey indicated that chemicals were not present at levels acutely toxic to aquatic life. A slight impairment of benthic macroinvertebrate populations was noted at the locations near Landfill 5 and near the base boundary. The fish population assessment indicated that fish communities were in poor to fair condition which could be due to site contaminants and, in part, to the lack of quality habitat. The results of the fish tissue analysis indicated the presence of PCBs,

pesticides, and mercury at levels exceeding NYSDEC ecological risk guidelines for protection of piscivorous wildlife.

Surface water samples were collected from 12 locations along TMC and analyzed for VOCs, SVOCs, PCBs, pesticides, metals, glycols, radionuclides and water quality parameters. One VOC, 15 SVOCs, four pesticides, and seven metals were detected at concentrations above the most stringent criteria for surface water. Sediment samples were collected at two depths below the surface water/sediment interface (0.5 feet and 1.0 foot) from 15 locations, including the 12 locations along TMC and three locations along the drainage ditch near Landfill 5. The samples were analyzed for VOCs, SVOCs, pesticides, herbicides, PCBs, dioxins, metals, and radionuclides. Three VOCs, 22 SVOCs, 18 pesticides, dioxin, and ten metals were detected at concentrations above the most stringent criteria for sediment.

In 1995, NYSDEC performed passive in situ concentration/extraction sampling (PISCES) at one location in TMC to test for PCBs and other organochlorines. PCBs and 1,1-dichloro-2,2-bis(chlorophenyl)ethylene (DDE) were detected. Naturally occurring conditions such as below average rainfall and low flow in the stream may have affected the ability of PISCES to detect contaminants.

In 1997, for a separate investigation of PCB contamination associated with Landfill 5, sediment samples were collected at two depth intervals (0-0.5 feet and 1-1.5 feet) from seven locations in the Landfill 5 tributary to TMC. PCBs were detected at concentrations above the most stringent criteria.

In June 1997, as part of a basewide SI, three PISCES samples and two surface water samples were collected from TMC for pesticide and PCB analysis. Pesticides were detected in two of the PISCES samples. No contaminants were detected in the surface water.

In July 1998, additional SI samples were taken from the off-base portion of TMC to fill data gaps that had been identified in the RI sampling. These included two surface water samples and eight sediment samples. Four metals were detected in surface water samples above the most stringent criteria. Concentrations of 18 SVOCs, DDD, PCB (Aroclor 1260), and five metals detected in sediment were above the most stringent criteria.

A visual inspection of the habitat quality of TMC was conducted in 1999, by the Air Force, United States Army Corps of Engineers (USACE), NYSDEC, USEPA, and US Fish and Wildlife Service to gain a better understanding of creek conditions and the impact of potential remedial actions. In the same year, for the TMC Feasibility Study (FS), sediment samples were collected from six locations in TMC pond (located off-base between NYS Routes 365 and 49) and analyzed for PCBs, cadmium, and lead. In 2001, the same six locations in the pond were vertically profiled to depths of 3.5 feet below creek bottom to determine the vertical extent of sediment contamination and the appropriate depth for sediment remediation. Twelve additional samples were collected, two samples per location. PCBs, cadmium, and lead were all detected at concentrations exceeding the most stringent criteria.

The 2001 FS investigation also included sampling along the on-base portion of the TMC channel and the Landfill 5 tributary in order to define the vertical and lateral extent of contamination to better determine the potential breadth and depth of sediment remediation in those areas. Samples of sediment and native soil (beneath sediment) were collected at selected locations from depth intervals of up to 3.5 feet. Five VOCs, 24 SVOCs, 15 pesticides, two PCBs, dioxins, and 10 metals were detected at concentrations exceeding the most stringent criteria. While many of the same chemicals were also detected in the native soil samples, the concentrations were not as great, and fewer exceeded the most stringent criteria.

7.2.2 Record of Decision

The ROD for the TMC AOC was issued by the Air Force in December 2003 and signed by the USEPA in March 2004. Based on the previous investigations and environmental conditions at the site the selected remedy for the creek is selected excavation of contaminated sediments and LTM. The excavation included the entire length of the on-base portion of the creek, discrete and localized off-base portions of the creek, and the TMC pond. The contamination was identified to be considerably lower in the off-base portion of the creek. Therefore, excavation of the entire off-base portion was not required. For LTM, the ROD states surface water, sediment, and fish tissue samples will be analyzed in accordance with the TMC AOC LTM program following creek bed remediation and restoration.

7.2.3 Three Mile Creek AOC Remedial Action

CAPE performed a Remedial Action (RA) at TMC from summer 2004 to summer 2005. For the remedial action, excavation of contaminated sediments was conducted in the on-base and off-base portions of TMC. The TMC pond along with sixteen soil deposits was excavated to a depth of 3.5 feet below ground surface (bgs) in the off-base portion of TMC. Approximately 5,940 CY of sediment was excavated from the off-base portion of TMC. The main channel, the north channel, and the Landfill 5 tributary were excavated in the on-base portion of TMC. The design depths for the excavation ranged from 2.5 feet bgs to 4 feet bgs and approximately 29,427 CY were excavated. FPM collected two soil samples on June 29, 2005, from the TMC pond backfill, which were analyzed for VOCs, SVOCs, PCBs, pesticides, and metals. The results indicated VOCs and metals detections, none of which exceeded the Most Stringent Ecological Screening Values.

The excavated area of the creek was restored and consisted of sediment backfill, the construction of several meanders throughout the length of the creek, and the distribution of logs across the banks of the main channel to provide wildlife habitat areas and create five vernal pools and a mitigation wetland (5 acres) within the TMC floodplain.

7.2.4 Three Mile Creek AOC Long Term Monitoring

LTM at the TMC AOC consists of annual surface water and sediment sampling at sampling locations TMC-1 through -8 and fish tissue sampling and a benthic qualitative assessment performed every three years at sampling locations TMC-1 through -5. The sampling locations are illustrated in the SD031 sampling locations figure in Attachment A. Fish tissue sampling and benthic qualitative assessment is not performed at TMC-6 through -8 as these sites are upgradient potential source locations. LTM at the AOC was

initiated in fall 2006. Surface water sampling, sediment sampling, fish tissue sampling and a benthic qualitative assessment was performed in accordance with the Final LTM work plan requirements (FPM, October 2004). Annual LTM sampling was also performed in fall 2007, fall 2008, fall 2009, and fall 2010. Only surface water and sediment samples were collected in the fall 2007, fall 2008, and fall 2010 sampling rounds. Fish tissue sampling and a benthic qualitative assessment were also performed in fall 2009 in addition to surface water and sediment sampling.

Surface water and sediment samples were analyzed for VOCs, SVOCs, metals, pesticides, and PCBs. Fish tissue samples were analyzed for cadmium, mercury, pesticides, and PCBs.

The following sections summarize the LTM sampling data.

7.2.4.1 Surface Water

VOC detections were reported in surface water samples during the 2006, 2007, 2008, and 2009 sampling events (not analyzed during the 2010 sampling event). None of these detections exceeded NYS Surface Water Standards. SVOC and metals concentrations exceeding NYS Surface Water Standards were reported during all sampling events. During data analysis, the SVOC and metals detections were determined to be indicative of basewide background conditions (identified during the RI) (reported at several sites throughout the base) or were detected within one order of magnitude of the surface water standard. Only one sampling location showed PCB or pesticide exceedances during the TMC AOC LTM sampling events. Location TMC-7 reported one PCB (Aroclor 1260) and one pesticide (dieldrin) exceedance during the fall 2007 and fall 2008 sampling events. The exceedances may be attributed to suspended solids in the sample.

All latest LTM surface water sampling results from 2010 were compared to the previous LTM surface water results and the 1993/94 RI (if applicable). Surface water results for SVOCs and pesticides are lower in concentration and in number of detected COCs than the four previous LTM rounds. Two SVOCs that were detected above NYSDEC Surface water Standards are associated with the B data qualifier. This qualifier indicates that the analyst was also detected in the associated blank. TMC-7 which showed the most SVOC exceedances during the Fall 2009 sampling round could not be sampled in 2010 due to a lack of water. TMC-6 showed the highest number of SVOC exceedances during this round which is an increase from the Fall 2009 round. This may be attributed to suspended solids or spatial variability. One pesticide, gamma-chlordane, exceedance was also detected in one surface water sampling location (TMC-6) and may be attributed to the sample containing suspended solids. No pesticides have ever been detected at this location. Additionally, it should be noted that pesticides containing these COCs are no longer used at the former Griffiss AFB.

7.2.4.2 Sediment

VOCs have not been detected at any location in all three LTM sampling rounds above the most stringent ecological screening value. SVOC and metals concentrations were detected above the most stringent ecological screening value. The SVOC and metals exceedances reported in the sampling round are indicative of basewide background conditions (identified during the RI) or were detected within one order of magnitude of

the most stringent ecological screening value. Pesticide exceedances were reported at all sampling locations. Total pesticide concentrations show a decreasing trend when the 1994 RI and LTM sampling results are compared. PCB (Aroclor 1260) has been detected at concentrations above the most stringent ecological screening value of 5 µg/kg during all sampling rounds. Exceedances show a decreasing trend at applicable sampling locations (TMC-1, -2, -3, -6, -7, and -8) when the 1994 RI sampling round and LTM sampling rounds were compared. The PCB detections reported at the site during the LTM sediment sampling are provided in Table 1. The sediment sampling results are provided in Attachment B.

In 2010, PCB (Aroclor 1260) exceedances were reported for sampling locations TMC-1 (144 µg/kg), -2 (71.7 µg/kg), -3 (234 µg/kg), -4 (339 µg/kg), -5 (604 J µg/kg), and -7 (28.3 µg/kg). The most stringent ecological screening value for Aroclor 1260 is 5 µg/kg. The highest PCB (Aroclor 1260) concentration during the fall 2010 sampling round was reported at TMC-5 (604 J µg/kg). Sampling location TMC-5 is located downgradient of the creek that does not require remediation. Therefore, the higher concentrations may be attributed to contamination migration from the upgradient locations not part of the RA. Figure 1 shows the PCB concentrations detected in all of the sampling rounds at each sampling location. PCB concentration trend charts are also provided in Figure 5 for each sampling location with PCB detections.

Arochlor 1260 was detected at a maximum concentration of 7,500 µg/kg (TMC-7) in the 1993/4 RI and declined to a maximum concentration of 603 J µg/kg (TMC-5) in the fall 2010 sampling round. The maximum detection was 304 µg/kg (TMC-4) in the fall 2009 sampling round, 433 µg/kg (TMC-4) in the fall 2008 round, 116 µg/kg (TMC-5) in the fall 2007 round, and 570 µg/kg (TMC-4) in the fall 2006 round. The COC variations are likely due to spatial variability. However, the general trend is declining from the 1993/4 RI to the fall 2010 results by an order of magnitude. The PCB concentrations are provided in Table 11.

Given the data trends from the RI and LTM data, the RA was effective in removing a majority of the PCB contamination in the TMC sediments.

7.2.4.3 Fish Tissue

Pesticide, PCB, and metals detections were reported in fish tissue samples at all of the sampling locations (TMC-1, -2, -3, -4, and -5). All locations had at least one fish sample with a PCB or pesticide concentration above the NYSDEC piscivorous wildlife criteria. At sampling locations 1, 4, and 5, PCB concentrations were detected above the NYSDOH Fish Advisory Guidelines (locations 1, 4, and 5 also showed elevated PCB exceedances in the sediment samples). The TMC AOC 2004/2005 RA was not required along the entire length of the creek. It is likely that the fish sampled lived in the stretch of the creek that does not require remediation because TMC is dammed near the Barge Canal making it impossible for new fish to migrate into the creek.

In the on-base portion of the creek that required remediation, LTM fish tissue sampling data has shown a decrease in PCB levels compared to the RI results at locations TMC-1, -2, and -3. These three locations are similar to sampling locations sampled during the RI (TMCFS-1, -2, and -3). Detected PCBs concentrations ranged from 0.028-32.5 ppm

during the RI. In the 2006 sampling event, total detected PCB concentrations ranged from 0.25-2.89 ppm and from 0.58-4.3 ppm in the 2009 sampling event.

It should also be noted that the number and size of fish collected during the 2006 and 2009 sampling events show an increasing trend compared to the RI results. During the RI, a total of 456 fish were collected from these three locations ranging in length from 33-179 millimeters (mm). In the 2006 sampling event, 319 fish were collected from these locations ranging from 45-225 mm and 759 fish were collected at these three locations ranging from 47-251 mm in the 2009 sampling event. The small decrease in number of fish collected from the RI to the 2006 sampling event may be a result of the 2004/2005 RA displacing fish in this section of the creek.

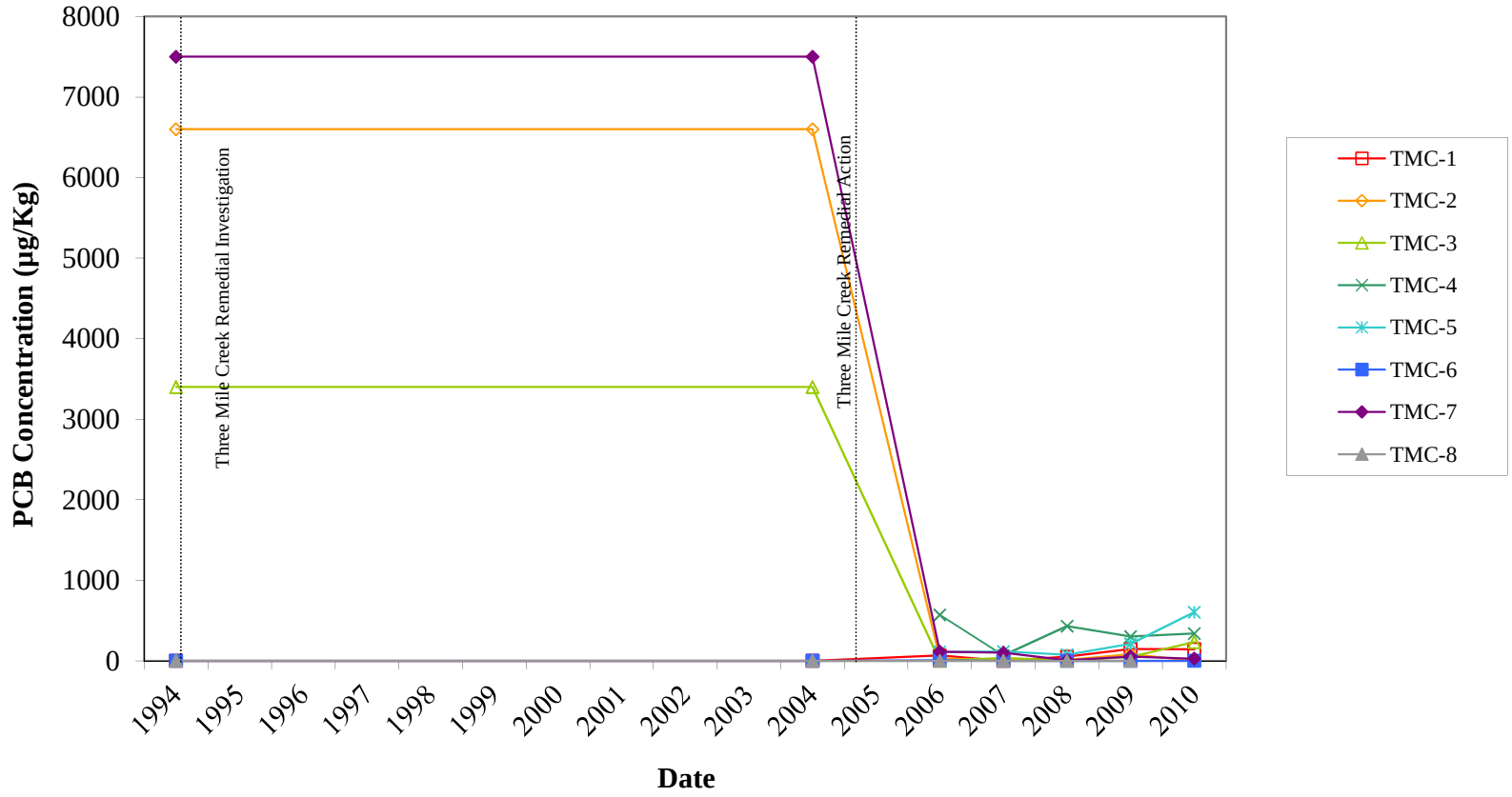
Additional fish tissue samples will be required to identify any trends. The PCB detections reported at the site during the LTM fish tissue sampling are provided in Table 12.

Table 11
PCB (Aroclor 1260) Detections (µg/kg) in Sediment Samples

Sampling Location	Sampling Round					
	RI Results (1994)	2006	2007	2008	2009	2010
TMC-1	NA	66.5	U	51.2	146	144
TMC-2	6,600	28.5 F	16.7	13.2 F	84	71.7
TMC-3	3,400	U	38.1	3.76 F	47.5	234
TMC-4	NA	570	67.1	433	304	339
TMC-5	NA	111	116	74.6	211	604 J
TMC-6	U	U	8.75 F	U	U	U
TMC-7	7,500	115	101	7.97 F	54.7	28.3
TMC-8	U	U	U	U	NS	NS

Notes:
U = not detected.
F = The analyte was detected above the MDL but below the RL.
J = The analyte was an estimation.
NA = not available.
NS = not sampled

Figure 5
Sediment PCB Concentration Trends at TMC



Note: Sampling Locations TMC-4 and TMC-5 were not sampled during the 1993/94 RI.

Table 12
Fall 2006 Fish Sampling PCB (sum of congeners) Results at TMC

Sampling Location	TMC-1	TMC-2	TMC-3	TMC-4	TMC-5
Range of PCB Detections (µg/kg)	902 – 2,890	250 – 1,370	998.7 – 1,858.13	1,628.91 – 5,192.56	1,700 – 2,576.91
Exceedances above NYSDEC Piscivorous Wildlife Criteria	7	10	5	5	6
Exceedances above NYSDOH Fish Advisory Guidelines	1	0	0	3	4

The fish tissue sampling result trends for PCBs are illustrated in Figure 6.

7.2.4.4 Benthic Qualitative Assessment

The results of the benthic qualitative assessments conducted in 2006 and 2009 showed that the creek was slightly-to-moderately impacted according to the NYSDEC Biomonitoring Unit protocol for slow and sandy streams. Since there is sandy substrate and slow water flow in portions of the creek, TMC is considered a poor habitat for benthic macroinvertebrates. Therefore, the slightly-to-moderately impacted classification may be due to the poor habitat and not chemical conditions in surface water or sediment.

7.3 Regulatory Drivers

SD031 is regulated under the CERCLA of 1980, as amended, and NCP. NYSDEC piscivorous wildlife criteria and NYSDOH Fish Advisory Guidelines are used for fish tissue sampling results and NYSDEC most stringent ecological screening values are used for sediment sampling results. NYSDEC Class C Surface Water Standards.The site activities are conducted under the supervision and recommendations of the USEPA, Region II and NYSDEC.

7.4 Proposed Outcome

The proposed outcome for this site is Site Closure.

7.5 Pathways to Achieve Proposed Outcome

7.5.1 Pathway to Proposed Outcome

The pathway to the proposed outcome is to demonstrate the stabilization/decline of site contamination, the effectiveness of the remedial action, and the absence of source site impact. Monitoring will continue at SD031 through annual sediment sampling at seven sampling locations and fish tissue at five sampling locations. Fish tissue sampling will be conducted in 2012 and 2015. The LTM schedule is provided in Table 13 and the LTM sampling summary is provided in Table 14.

Additionally, continued source control will be conducted through the monitoring of potential source sites which include LF007 (Landfill 5), LF009 (Landfill 6), and SD052 (Landfill 6 TCE Plume). The remedies have been implemented at all of these sites.

Table 13
SD031 LTM Schedule

Period of Performance		
Years	Activity	Performance
2011	Sediment Sampling	4th Quarter (October 2011)
2012	Benthic Qualitative assessment	3rd Quarter (August 2012)
	Sediment Sampling and Fish Tissue Sampling	4th Quarter (October 2012)
2013	Sediment Sampling	4th Quarter (October 2013)
2014	Sediment Sampling	4th Quarter (October 2014)
2015	Benthic Qualitative assessment	2nd Quarter (June 2015)
	Sediment Sampling and Fish Tissue Sampling	3rd Quarter (July 2015)
	Closure Report	3rd Quarter (August 2015)

7.5.2 Metric Development: Proposed End Point, Metrics, and Approach

The following details the approach and rationale of sediment sampling, fish tissue sampling and benthic qualitative assessment. The rationale for discontinuing surface water is also provided below.

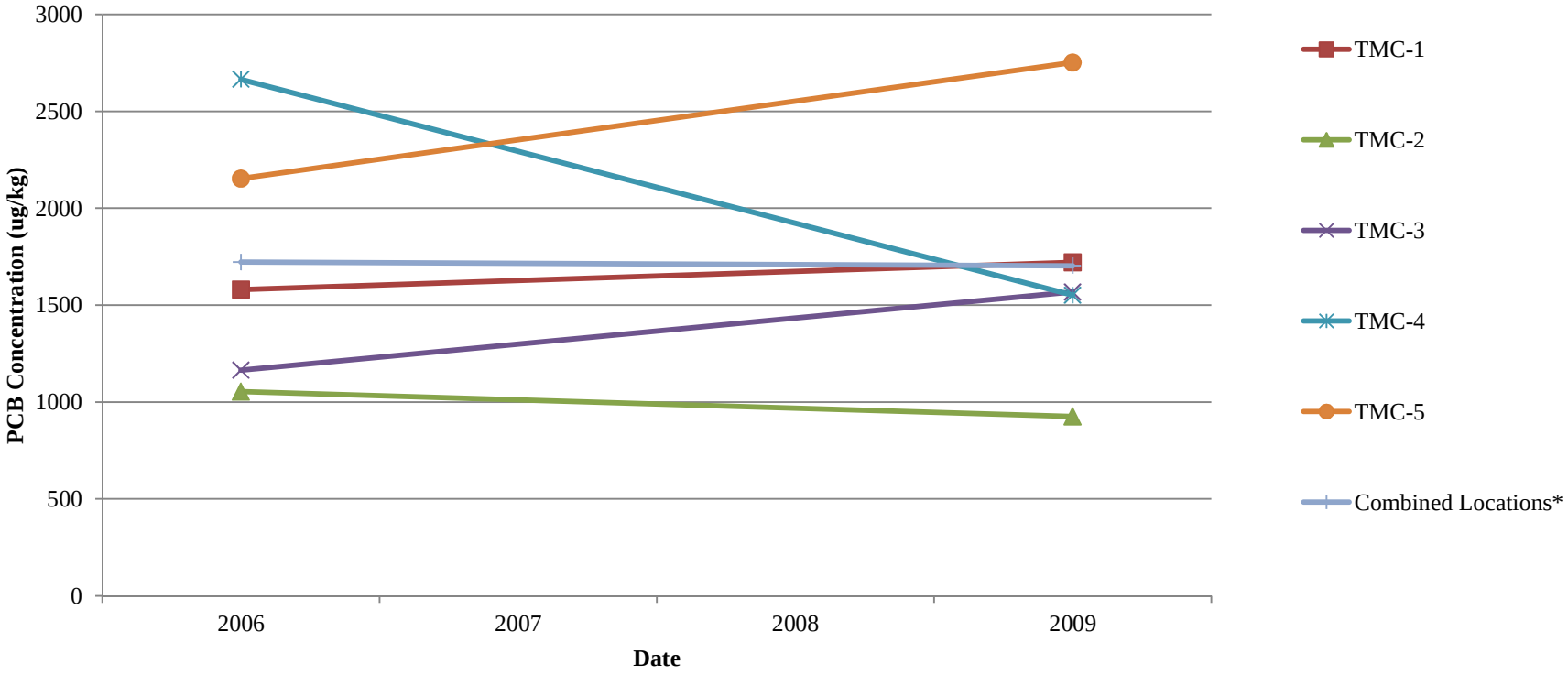
Sediment Monitoring:

Annual sediment sampling for PCBs, SVOCs, and pesticides analysis will be conducted at seven sampling locations (TMC-1, -2, -3, -4, -5, -6, and -7). PCBs, SVOCs, and pesticides have been reported in the sediment above the most stringent ecological screening criteria. However, previous LTM data shows that the RA has significantly reduced the chemical of concern concentrations by over two orders of magnitude. Additionally, data shows that the RA goal of reducing PCB concentrations to 1 ppm or less throughout the creek has been achieved. The continued sediment sampling will be conducted to demonstrate the reduction and stabilization of sediment contaminants.

Fish Tissue Sampling:

Fish tissue sampling is proposed at five sampling locations in 2012 and 2015. Fish samples will be analyzed for pesticides, PCBs, mercury, cadmium, and % lipids. The 2006 and 2009 fish tissue sampling results showed pesticide, PCBs, and metals above NYSDEC piscivorous wildlife criteria. Additionally, tissue samples from three sampling locations (TMC-1, -4, and -5) showed PCB levels above NYSDOH fish advisory guidelines.

Figure 6
Fish Tissue PCB Concentrations at TMC



Note
* = The combined locations line refers to the average concentrations for all sampling locations per event.

The COC concentrations in fish tissue are stable and it is anticipated that the PCB concentrations in the fish tissue will decline over time in lockstep with the PCB concentrations decline in the creek sediments. However, since PCBs are persistent chemicals, the PCB concentrations in the sediment are expected to decline over a prolonged period of time (decades). Additionally, TMC is a closed system with no entry or exit way for fish to migrate in and out of the creek. Therefore, since levels are expected to be stable for decades, with no change in fish population due to a lack of fish migration opportunities, the PCB levels in the fish tissue are expected to decline slowly over a decade long period. Since all remediation actions have been successfully completed, closure of the site will be recommended following the 2015 sampling round after COC stability has been shown.

Benthic Qualitative Assessment:

Benthic Qualitative assessments will be conducted in 2012 and 2015. The assessments of fall 2006 and fall 2009 showed an impaired habitat, possibly due to the sandy substrates and low flow at the creek and not chemical conditions in the surface water and sediment. The additional benthic qualitative assessments will be used to track trends in the ecological community and water quality at the creek.

Surface Water Monitoring:

Surface water sampling is proposed to be discontinued since the source of any surface water contamination has been confirmed to be a result of the contaminated suspended solids from sediments. Additionally, TMC surface water is proposed for sampling in the LF007 (Landfill 5) and LF009 (Landfill 6) LTM networks. It is anticipated that any potential contamination in the creek will be identified through these source area LTM networks.

5-Year Review:

SD031 will be included in the 2015 5-Year Review to evaluate the protectiveness of the remedy and assess the proposed closure of the site.

7.6 Contingencies

Following this POP, if it is found that COCs at the creek increase or the ecological community does not continue to improve or if site closure is not approved, additional monitoring will be performed to evaluate the protectiveness of the selected remedy. The CAPE team will recommend monitoring every 5 years in conjunction with the 5-Year Review during the post POP years.

Table 14
SD031 AOC LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
TMC-1 TMC-2 TMC-3 TMC-4 TMC-5	Upstream, northern fork Downstream of Landfill 5 tributary Downstream of Landfill 5, cross gradient of Landfill 6 Downstream of Base Boundary In TMC Pond	**Sediment** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082, Mercury/SW7471 **Fish** Cadmium/SW6010, Mercury/SW7471, Pesticides/SW8081, PCBs/SW8082, % lipid.	Annually for sediment. Every Three Years for fish tissue sampling and benthic qualitative assessments	Sediment and fish will be sampled annually to track COC concentrations. Benthic qualitative assessments will be conducted to track trends in water quality and the ecological community.
TMC-6 TMC-7	Upstream, southern fork Landfill 5 tributary	**Sediment** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082, Mercury/SW7471	Annually for sediment.	Sediment is sampled annually to track COC concentrations.

SECTION 8.0
SD032 (SIX MILE CREEK AOC)

8.0 SD032 (SIX MILE CREEK AOC)

8.1 Site Description

SMC is a natural stream bordered by wetlands and enters the base from the north. The creek is approximately 8 feet wide and 1.5 feet deep prior to entering the base and approximately 20 feet wide and 4 feet deep after leaving the former base. The on-base portion of the creek is approximately 8,400 feet long, split in an upper and lower section, plus an additional 7,200 feet within the runway culvert separating both sections. The creek continues off base for approximately 2 miles, ultimately flowing into the NYS Barge Canal.

Surface water runoff from Landfills 1, 2/3, and 7, the Weapon Storage Area (WSA), WSA Landfill, runway, on-base shops, and Rainbow Creek flows to the creek. Leachate from the same landfills also seeps into the creek. However, recent and historical data show that concentrations are below or within one order of magnitude of the NYS Surface water Standards. Portions of the base storm water system discharge to the on-base lower portion of the creek. During operation, the base storm water system also received rinse water and washdown, which may have contained oils, solvents, and fuels from various base facilities.

SMC has been classified as a NYSDEC Class C stream. According to the New York Code of Rules and Regulations (NYCRR) 701, the best usage for Class C stream waters is fishing, where waters shall be suitable for fish propagation and survival. Based on an Aquatic Habitat Assessment, at least 12 species of fish are found in SMC.

The ROD for SMC AOC was signed by the USEPA on March 26, 2004 and LTM was initiated in October 2004. In addition, 5-Year Reviews were conducted in 2005 and 2010. Both 5-Year Reviews indicated that the selected remedy is protective of human health and the environment.

8.2 Six Mile Creek AOC Conditions

8.2.1 Previous Investigations

Preliminary studies of SMC were performed in 1981 and 1988. Soil, sediment, and fish tissue samples were collected. Numerous metals and polynuclear aromatic hydrocarbons (PAHs) were detected in the sediments. Several metals and polychlorinated biphenyls (PCBs) were detected in the fish tissue samples at levels below the Food and Drug Administration (FDA) action level of 2.0 ppm but above the 0.1 ppm level representing risk to piscivorous wildlife. The results of these studies led to the performance of an RI in 1994 and 1995.

The RI was performed to evaluate the nature and extent of environmental contamination at the site and to determine whether RA was necessary to eliminate potential threats to human health and the environment from exposures that might arise under existing or expected future site conditions. The RI included an aquatic survey that evaluated creek habitat, water quality, benthic and drift macroinvertebrate communities, and fish populations at three stations along the northern section of the creek (SMC-FS1, SMC-FS2, and SMC-FS3, similar in location to location SMC-1 and -2). At approximately the same three locations, sediment samples were collected for toxicity testing and fish

samples were collected for pesticides, PCBs, and metals analyses. Results from the sediment toxicity tests performed as part of the aquatic survey indicated that chemicals were not present at levels acutely toxic to aquatic life; however, the benthic macroinvertebrate community at one station was classified as slightly impaired.

During the RI, surface water samples were collected over several rounds of sampling from 21 locations: 14 from SMC, one at the AFFF lagoon, three in the Mohawk River, and three in the Barge Canal. Two VOCs, 14 SVOCs, four pesticides, six metals, cyanide, and sulfide were detected at concentrations above the most stringent criteria for surface water. Sediment samples were collected at two depths below the surface water/sediment interface from the same 21 locations. Three VOCs, 18 SVOCs, 20 pesticides, one PCB and six metals were detected at concentrations above the most stringent criteria for sediment.

In 1995, the NYSDEC conducted a benthic macroinvertebrate community analysis for SMC just downstream of the former AFB's boundary at the Route 365 bridge. Due to a significantly impacted benthic macroinvertebrate community, the water quality was assessed as being moderately impacted. Fish population data indicated that fish communities were generally in fair condition and whole-body fish tissue concentrations indicated that PCBs, pesticides and mercury were present at levels exceeding NYSDEC ecological risk guidelines. The PCB concentrations in fish tissue also exceeded the previously mentioned FDA action level.

Also in 1995, NYSDEC performed passive in situ concentration/extraction sampling (PISCES) on the lower portion of SMC to test for PCBs and other organochlorines. No contaminants were detected. However, naturally occurring conditions, such as below average rainfall and low flow in the stream, may have affected the ability of PISCES samplers to detect contaminants.

As part of a basewide SI performed in June 1997, one water sample was collected from a storm sewer manhole located within the SMC culverted section, and two surface water samples were collected from the storm sewer outfalls at the headwaters of Rainbow Creek. No contaminants were detected in these water samples. In addition, ten PISCES samples were collected for pesticides and PCBs analyses from SMC, two from unnamed tributaries to the creek, and one from the Rainbow Creek Tributary. No PCBs were detected. The levels of pesticides found in Rainbow Creek and downstream in SMC were higher than in the upper portion of SMC and the other tributaries. There are no screening criteria for PISCES samples.

In July 1998, additional SI samples were collected, primarily from off-Base locations, to fill data gaps that had been identified in the RI sampling. These included two surface water samples and 12 sediment samples. Three metals were detected above the most stringent criteria for surface water. Ten SVOCs, PCBs, dioxins/furans, and two metals were above the most stringent criteria for sediment.

In July 1999, the habitat quality of the creek was visually inspected by AFRPA, USACE, NYSDEC, USEPA, and U.S. Fish and Wildlife Service (USFWS). A brief walkover of the on-Base portion revealed the presence of orange floc (iron oxide) at a few locations above and below the culvert. This was attributed to the presence of leachate seeps with

extensive orange floc upstream at Landfill 1. A more extensive walkover of the off-Base portion of the creek revealed an aquatic habitat of relatively high quality. The surrounding habitat is also of high quality for plants and wildlife, including extensive areas of forest, shrub, and emergent wetlands. The presence of cloudiness and some orange floc in the water column was observed. The floc is probably due to leachate seepage from Landfill 1. However, it should be noted that high concentrations of iron were observed in background conditions (E&E, July 2003).

8.2.2 Record of Decision

The ROD for the SMC AOC was issued by the Air Force in December 2003 and signed by the USEPA in March 26, 2004. Based on the previous investigations and environmental conditions at the site, the selected remedy is Source Control at sites potentially discharging to SMC and LTM of the SMC AOC, stated in the ROD.

8.2.3 Six Mile Creek AOC Long Term Monitoring

LTM at the SMC AOC was initiated in October 2004 and consisted of annual surface water and sediment sampling at twelve sampling locations (SMC-1 through -12) and fish tissue sampling and a benthic qualitative assessment is conducted every three years at 5 sampling locations (SMC-1 through -5). These locations are illustrated in the SMC AOC sampling location figure in Attachment A. Surface water sampling, sediment sampling, fish tissue sampling and a benthic qualitative assessment was performed in fall 2004 and fall 2007. Surface water and sediment sampling was also conducted in fall 2005 and fall 2006.

As recommended in the fall 2007 LTM Report, only SMC-1, -2, -4, -5, and -11 were sampled in 2008 and 2009. Seven locations were removed as a result of little to no contamination reported at the sites over four consecutive sampling rounds. During these events, surface water and sediment sampling was conducted.

In fall 2010, surface water samples, sediment samples, fish tissue samples, and benthic qualitative assessments were conducted at sampling locations SMC-1, -4, and -5. A benthic qualitative assessment was also conducted at SMC-2. No sediment samples were collected here due to the absence of contamination and surface water sampling is conducted under the Landfill 1 LTM network. Sampling location SMC-11 was removed from the LTM network following the installation of the Rainbow Creek culvert.

8.2.3.1 Surface Water:

Results from annual surface water sampling conducted between 2004 and 2010 showed VOC, SVOC, and metals concentrations above NYS Surface water Standards. One VOC (benzene) exceedance was present at two sampling locations, SMC-4 and -5. However, benzene concentrations have not been detected above the NYS Surface water Standards at these locations since 2008. The historical exceedances were attributed to the Apron 2 Petroleum Spill Site, which is upgradient of the creek and currently undergoing active remediation through horizontal biosparging. The benzene detections reported at the site during the LTM surface water sampling are provided in Table 15. The NYS Surface Water Standard for benzene is 1 µg/L.

Table 15
Benzene Detections (µg/L) in Surface Water Samples at SMC

Sampling Round	SMC-4	SMC-5
2004	5.8	3.8
2005	2.1	3
2006	5.98	3.61
2007	3.38	2.01
2008	2.53	1.21
2009	0.78	0.67
2010	U	U

Notes:
U = not detected
F = the analyte was reported above the MDL but below the RL.
NS = not sampled.
X = exceedance of NYS Surface Water Standard.

Samples from several locations have reported SVOC and metals concentrations above NYS Surface Water Standards. However, concentrations were within one order of magnitude of the NYS Surface Water Standards or attributed to background conditions. There were no PCB or pesticide exceedances reported in any of the sampling events.

8.2.3.2 Sediment

Results from annual sediment sampling conducted between 2004 and 2010 showed SVOC, metals, pesticides, and PCBs concentrations above the NYSDEC's most stringent ecological screening values. Sediment sampling results are provided in Attachment B. The following summarizes the latest LTM sampling results (fall 2010).

- Up to eight SVOC detections were reported at all three sampling locations, but concentrations did not exceed the most stringent ecological screening values. Additionally, two of the SVOCs detected at each location were also detected in the associated blank.

- No pesticides were detected in any of the three locations.

- One PCB detection was reported: Aroclor 1254 exceeded the most stringent ecological screening value (15.96 µg/kg) at sampling location SMC-5 (50.2 µg/kg). No PCBs detections were reported from sampling locations SMCs -1 and - 4. The most stringent ecological screening value for Aroclor 1248 and 1254 is 15.96 µg/kg. The most stringent ecological screening value for Aroclor 1260 is 5 µg/kg.

PCB exceedances observed during LTM sampling show a decreasing trend compared to the 1994 RI sampling round, at applicable sampling locations (SMCs -1, -4, and -5). However, there is no discernable trend among the seven LTM rounds. The PCB detections reported at SMC-4 and -5 during the LTM sediment sampling are provided in Table 16. The PCB results trends for SMCs -4 and -5 are illustrated in Figure 7.

Table 16
PCB Detections (µg/kg) in Sediment Samples at SMC

Sampling Locations	PCB (Aroclor)	SamplingRound						
		2004	2005	2006	2007	2008	2009	2010
SMC-4	1248	54	9.9 F	U	U	U	U	U
	1254	61	52	67.1	120 J	14.5 F	72.7	U
	1260	19 F	U	U	U	U	U	U
SMC-5	1248	U	U	U	U	U	U	U
	1254	24 F	U	U	92.6	U	U	50.2
	1260	U	U	19.4 F	U	U	U	U

Notes:
U = not detected
F = the analyte was reported above the MDL but below the RL.
J = the analyte was detected, the quantitation is an estimate.
X = exceedance of screening value.

8.2.3.3 Fish Tissue

During the 2004 LTM event, fish tissue sampling was conducted at sampling locations SMC-1, -2, -3, -4, and -5. Results showed PCB detections at all sampling locations, including SMC-1 which is the upgradient location. PCB exceedances of the NYSDEC piscivorous wildlife criteria were reported at sampling locations SMC-4 and -5. However, the concentrations were not above the NYS Department of Health Fish Advisory Guidelines.

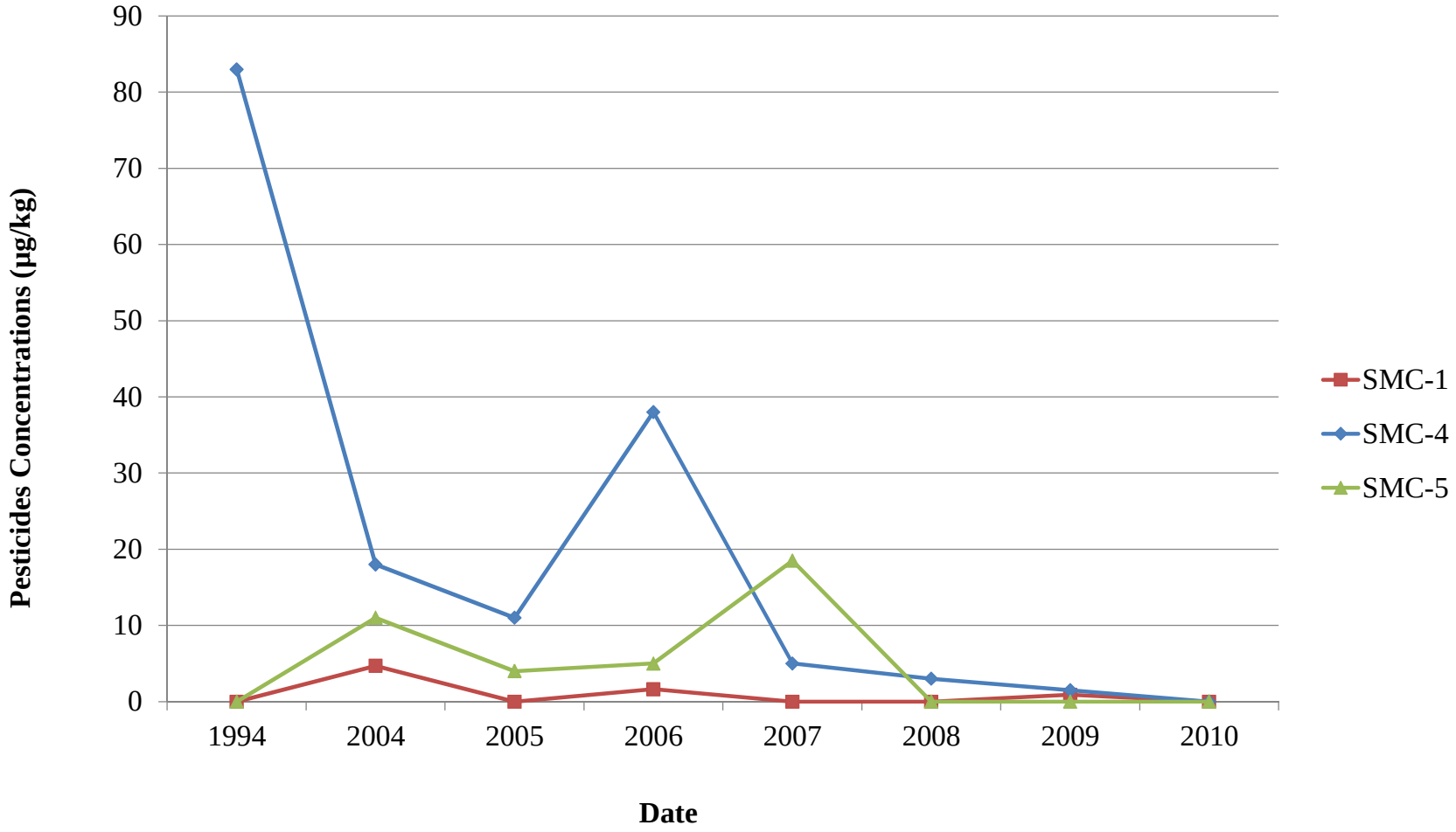
Sampling locations SMC-3, -4, and -5 were sampled in 2007. Results showed PCB detections at all sampling locations. PCB exceedances of the NYSDEC piscivorous wildlife criteria were reported at sampling locations SMC-4 and -5. However, the concentrations were not above the NYS Department of Health Fish Advisory Guidelines.

Fish sampling was again conducted at SMC-1, -4, and -5 in 2010. No fish samples could be collected at SMC-2 due to the beaver pond. The samples from SMC-1, -4 and -5 were analyzed whole for ecological evaluation. No exceedances were reported in fish tissue samples at SMC-1, but one PCB (aroclor 1254) was detected. This location is upstream of all former Griffiss AFB source sites. PCB exceedances of the NYSDEC piscivorous wildlife criteria were reported at sampling locations SMC-4 and -5. However, the concentrations were not above the NYS Department of Health Fish Advisory Guidelines.

Fish Tissue Sampling Summary

The range of total PCB concentrations from the 2010 sampling round was lower than the total PCB concentration ranges from both the 2004 and 2007 sampling rounds. The sediment sample at this location did not show any PCB detections during the 2010 sampling round. The fish tissue sampling result trends for PCBs are illustrated in Figure 8.

Figure 7
Sediment PCB Concentration Trends at SMC



8.2.3.4 Benthic Qualitative Assessment

Benthic Qualitative Assessments were conducted at locations SMC-1, -2, -3, -4, and -5 in 2004, at SMC-2, -3, -4, and -5 in 2007, and at SMC-1, -2, -4, and -5 in 2010. Results from 2010 showed an improvement in water quality impacts in the creek at sampling locations SMC-1, -4, and -5. The water quality at SMC-1 and -5 was non-impacted in the 2010 sampling round. SMC-1 was slightly impacted in 2004 (not sampled in 2007) and SMC-5 was slightly impacted in 2004 and 2007. Both locations have ideal macro invertebrate habitat including a rocky substrate with faster water flow rates.

The water quality at SMC-4 was slightly impacted during the 2010 sampling round. This location was moderately impacted during the 2004 and 2007. Only 36 specimens could be collected using the kick sampling method at this location. However, the number of specimens collected has increased from the 2007 sampling round when only 26 specimens were collected. Additionally, only 84 specimens were collected at SMC-4 in 2004. Therefore, given the substrate and overall habitat of the sampling location, the low yield is not believed to be attributed to water quality but poor habitat.The water quality at SMC-2 remained similar when compared to previous sampling events (moderate). This location had sandy substrate and is downgradient of Landfill 1. At this location, a beaver dam has been constructed generating slow water flow rates. The sample was collected upstream of the pond in a narrower and shallower portion of the creek. The slow water flow rates can contribute to lower oxygen rates in the water and a less favorable benthic habitat.

8.3 Regulatory Drivers

SD032 is regulated under the CERCLA of 1980, as amended, and the NCP. The site activities are conducted under the supervision and recommendations of the USEPA, Region II and NYSDEC.

8.4 Proposed Outcome

The proposed outcome for this site is Site Closure.

8.5 Pathways to Achieve Proposed Outcome

8.5.1 Pathway to Proposed Outcome

The pathway to the proposed outcome at SD032 is additional annual sediment monitoring to show that the site COCs have stabilized or have declined. In addition, benthic qualitative assessments will be conducted in 2012 and 2014.

Monitoring will continue at SD032 through annual sediment sampling at two sampling locations. Benthic qualitative assessment will be conducted at one location The LTM schedule is provided in Table 17 and the LTM sampling summary is provided in Table 18.

Additionally, continued source control will be conducted through the monitoring of potential source sites which include LF001 (Landfill 1), LF002 (Landfill 2/3), LF003 (Landfill 7), Apron 2, SD052 (Landfill 6 TCE Plume) and AOC-9. The remedies have been implemented at all of these sites.

Table 17
SD032 LTM Schedule

Period of Performance		
Years	Activity	Performance
2011	Sediment Sampling	4th Quarter (October 2011)
2012	Benthic Qualitative assessment	2nd Quarter (June 2012)
	Sediment Sampling	4th Quarter (October 2012)
2013	Sediment Sampling	4th Quarter (October 2013)
2014	Benthic Qualitative assessment	2nd Quarter (June 2014)
	Sediment Sampling	4th Quarter (October 2014)
2015	Sediment Sampling	3rd Quarter (July 2015)
	Closure Report	3rd Quarter (August 2015)

8.5.2 Metric Development: Proposed End Point, Metrics, and Approach

Sediment Monitoring:

Sediment sampling will be conducted in SMC at two sampling locations for PCBs (SMC-4 and -5). SMC-4 and -5 are located downgradient of the Rainbow creek culvert.

Previous sampling results shows that sediment contamination is limited to sampling locations down-gradient of Rainbow Creek (SMC-4 and -5). Due to the completion of the culvert in Rainbow Creek in 2009, we expect to see a decreasing trend in PCB detections as the potential for contaminated sediment migration has been eliminated.

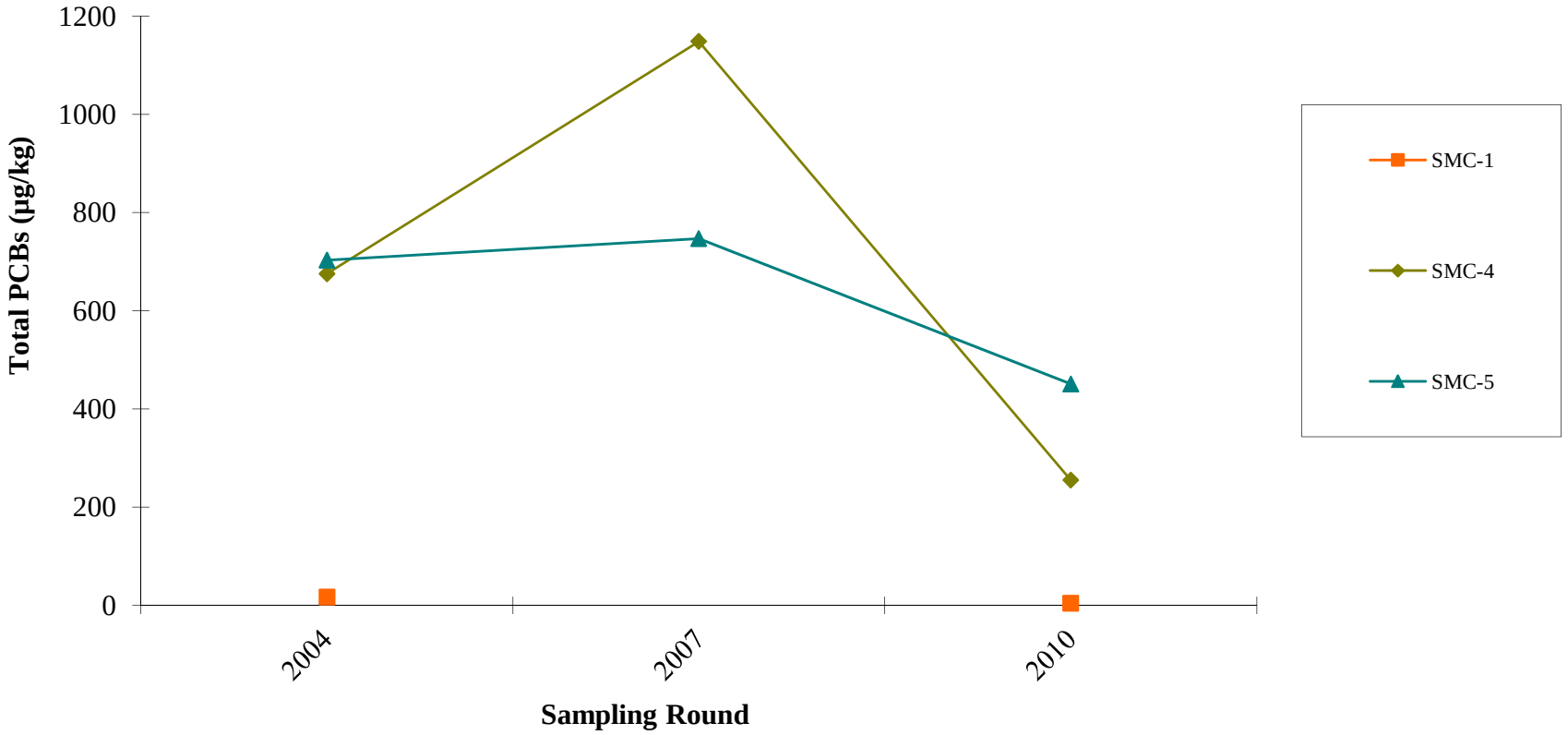
SVOC and pesticide will be discontinued from the LTM network as previous exceedances are declining and within one order of magnitude of the most stringent ecological values or indicative of background conditions. Additionally, it should be noted that pesticides containing these COCs are no longer used at the former Griffiss AFB.

Fish Tissue Sampling:

The CAPE team proposes to discontinue fish tissue sampling at SD032. LTM data from 2004, 2007, and 2010 has shown that contaminant concentrations are below NYSDOH Fish Advisory Guidelines and less than one order of magnitude of the NYSDEC piscivorous wildlife criteria. Additionally, the sampling data shows a declining trend throughout the site.

In evaluating the necessity of fish tissue sampling at SD032, additional fish sampling data from waterways in Rome, New York were reviewed using the NYSDEC's fish contamination database. Fish tissue sampling from the Mohawk River (above Rome) and

Figure 8
Fish Tissue PCB Concentration Trends at SMC



Barge Canal (below Rome) showed PCB detections in the fish. The average PCB concentrations at both sampling locations ranged from 30-70 µg/kg. PCBs were also detected in SMC-1, the upgradient location in the SD032 LTM network. The fish tissue results showed PCBs up to 40 µg/kg at this location. This location is isolated from the lower section of SMC and former Griffiss AFB source locations by the SMC culvert. The fish tissue sampling results from the upgradient location at SMC and the two independent locations shows that PCBs are present in previously thought un-impacted waterways. It has been demonstrated that fish in the lower section of SMC have been impacted as a result of the PCB contamination at Rainbow Creek; these results are still within an order of magnitude of regional results.

With fish tissue sampling, a large number of fish are removed. During the 2010, several mature brown trout were used for samples, thus potentially impacting the reproduction success of trout in this portion of the creek. Therefore, removal of the fish tissue sampling is also recommended to promote the continued recovery and fish diversity of the creek.

Benthic Qualitative Assessment:

Benthic qualitative assessment will be conducted at SMC-5 to provide a continued habitat assessment as contamination declines. Assessments will be conducted in 2012 and 2013. Previous assessments at this location have shown non-impacted water quality. The assessment at SMC-5 will serve as an indicator of water quality at the lower section of the creek.

5-Year Review:

SD032 will be included in the 2015 5-Year Review to evaluate the protectiveness of the remedy and assess the proposed closure of the site.

8.6 Contingencies

Additional LTM at SD032 will be conducted to ensure that the selected remedy is protective of human health and the environment. If it is found that COCs at the creek increase or the ecological community does not continue to improve, additional monitoring will be performed to evaluate the protectiveness of the selected remedy. Monitoring will continue on an annual basis.

If the COCs do show stable/decreasing trends; however, site closure is not approved. The CAPE team will recommend monitoring every 5 years in conjunction with the 5-Year Review.

Table 18
SD032 AOC LTM Network Summary

Sampling Locations	Sampling Rationale	Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
SMC-4	Downgradient of former PCB source	**Sediments** PCBs/SW8082	Annually for sediment.	Sediment samples at SMC-4 to monitor potential downgradient contamination trends.
SMC-5	Downgradient of former PCB source		Annually for sediment Benthic Qualitative Assessment in 2012 and 2014	Sediment samples at SMC-5 will be sampled to monitor potential downgradient contamination trends. Additional benthic qualitative assessments will be conducted to ensure that the creek environment is not declining

SECTION 9.0

SS060 (BUILDING 35 AOC)

9.0 SS060 (BUILDING 35 AOC)

9.1 Site Description

Building 35 was located in the southeast-central section of the base (Figure 1-2), near an area that was used for outside storage of drums and scrap material during the 1940s. An unknown quantity of drums and transformers were also stored in this area during the late 1960s and 1970s. Site closure was a requirement under the Building 35 Resource Conservation and Recovery Act (RCRA) Hazardous Waste Storage permit and the closure activities were performed in the late 1990s (OHM Remediation Services Corporation [OHM], July 1997).

The former Hazardous Waste Storage Area (HWSA) was located in the southwest corner of Building 35 and was approximately 30-by-50 feet in area. Although a hazardous waste inventory is not available for the area, the area was assumed to contain waste associated with aircraft maintenance activities such as corrosion control painting, degreasing, and routine engine, wheel and tire services. There is no record of any spills at the HWSA.

The former PCB storage area was located in the northwest corner of Building 35 and occupied an approximate area of 37 by 46 feet. Inspection reports indicate that PCB items were stored in the area since at least 1985. Also, a spill in the PCB area was recorded on October 25, 1991, when approximately one quart of transformer oil leaked from a damaged terminal onto part of a wooden pallet and a 2-inch-diameter spot on the concrete floor. The oil was tested and was reported below 5 ppm PCBs. Base records also report a small PCB spill on March 16, 1995, which reportedly happened when a PCB-containing transformer was moved from the containment area within Building 35. The spill area, approximately 20 square feet, was properly remediated.

9.2 Current Conditions

Closure activities for the HWSA and PCB areas in association with RCRA NYSDEC Permit #6-3-13-00063/00020-0 were conducted by OHM in 1996 in accordance with Closure Plans approved by the NYSDEC in 1995. The Closure Plans were designed to ensure that the Building 35 storage areas would require no further maintenance after clean closure, and threats to human health and the environment would be minimized or eliminated. The closure activities included the collection of pre-closure wipe samples from each storage area and surface soil samples (0-1 feet bgs) from the outside perimeter of the building. Twelve surface soil samples were analyzed for PCBs, and all twelve samples indicated elevated concentrations of PCBs above the recommended action level of 1 ppm (OHM, July 1997).

A remedial action was conducted in 1997 to demolish Building 35, excavate, transport, and dispose of PCB-contaminated soil and debris, and backfill the area with clean soil after analysis of confirmation samples. After initial soil excavation, 82 confirmatory samples were collected, where 27 out of 68 grids had exceedances. Three additional rounds of soil excavation occurred; where in total 130 confirmatory samples were collected. Confirmatory samples were compared to state recommended cleanup levels, where values were taken from the NYSDEC Technical and Administrative Guidance Memorandum 4046. All values are reported in Table 3.1-2 Building 35 Area Confirmatory Sample Results Summary of Positive Hits and Validation Qualifiers, Appendix E of the Closeout Report Interim Remedial Action Building 35 Area (IT, May

1999). Approximately 24,414 tons of PCB-contaminated soil/concrete was removed during the excavation. An estimated 20,078 tons were disposed of offsite as non-hazardous soil/concrete, and 4,336 tons as hazardous soil.

Two groundwater monitoring rounds were conducted in May and July 1998, when samples were submitted for PCBs, VOCs, SVOCs, pesticides, and metals analyses. Results indicated two VOCs – vinyl chloride and total 1,2-DCE (including both the cis and trans isomers) – at levels above NYS Class GA Groundwater Standards in B035MW-4; total 1,2-DCE only was reported above the NYS Groundwater Standard in B035MW-3 (8 µg/L). Concentrations were reported up to 6 µg/L and 42 µg/L for vinyl chloride and 1,2-DCE, respectively, both in B035MW-4. No PCBs were reported above the detection limit during either sampling round (1 µg/L [2 µg/L for arochlor-1221 only] for May 1998 and 0.06 µg/L for July 1998) (OHM, April 2000).

In accordance with the closure requirements under the RCRA Permit for Building 35, threats to human health and the environment have been minimized or eliminated (i.e., source areas have been removed). The Air Force plans to monitor, under the On-Base Groundwater Contamination AOC, residual groundwater contamination for the COCs on an annual basis with a joint review by NYSDEC, USEPA, and the Air Force Real Property Agency (AFRPA) after 5 years; this intention was approved by NYSDEC in a letter dated December 8, 1999 (OHM, April 2000). The site was included in the 5-Year Review which was issued in 2010 (FPM, September 2010).

Groundwater Remediation:

Based on LTM sampling results, direct injection was performed at the site in efforts to remediate COCs. The purpose of the direct injection activities is to degrade and remediate the chlorinated hydrocarbon plume at the site. Hydrogen Release Compound (HRC®) releases lactic acid for fermentation by microorganisms producing hydrogen as an electron donor. Hydrogen then degrades chlorinated hydrocarbons. HRC® was injected in December 2005 at the Building 35 AOC in a 50-foot wall with 5 injection points. HRC® was injected from 10-20 ft bgs at a rate of 8 pounds of product per foot. HRC® was injected in August 2006 at the Building 35 AOC in two 50-foot walls with 5 injection points. HRC® was injected from 10-20 feet bgs at a rate of 8 pounds of product per foot. Newman Zone® was injected in December 2008 in monitoring well B035MW-4 at the Building 35 AOC site. Newman Zone® releases emulsified vegetable oil for fermentation by microorganisms producing hydrogen as an electron donor. Hydrogen then degrades chlorinated hydrocarbons. One thousand pounds of product were injected. The injections were recommended as part of the LTM reports, including August 2005 Groundwater Monitoring Report (FPM, August 2005) for the December 2005 injection, August 2006 Groundwater Monitoring Report (FPM, August 2006) for the August 2006 injection, and May 2008 Groundwater Monitoring Report (FPM, May 2008) for the December 2008 injection. The injection activities were summarized in the previous On-base Groundwater AOCs Monitoring Report (August 2006, August 2007, and August 2009, respectively).

Groundwater Monitoring:

Monitoring well B035MW-4 was the only well sampled in the April 2010 sampling round. Analyses were performed for chlorinated ethenes only for VOCs, and alkalinity, chloride, nitrate, sulfate, and TOC for groundwater chemistry.

The VOC results indicated two exceedances as oppose to past sampling rounds which indicated one exceedance. The two exceedances included cis-1,2-DCE at 13.1 µg/L and vinyl chloride (VC) at 3.03 µg/L. The VOC results indicated detections similar to past sampling rounds of perchloroethene (PCE) , trichloroethene (TCE), and trans-1,2-DCE which were all below their respective NYSDEC Class GA Groundwater Standards (Attachment B). Groundwater chemistry results indicated an increase in chloride concentration from 73 mg/L in March 2009 to 96 mg/L in April 2010, sulfate also increased from 2.7 mg/L in March 2009 to 11 mg/L in April 2010, and TOC decreased from 8.2 mg/L in March 2009 to 1.9 mg/L in April 2010. The TOC, VC, and cis-1,2-DCE concentrations are trended in Figure 9.

Land Use Controls/Institutional Controls:

The Griffiss Land Use Controls/Institutional Control (LUC/IC) Site inspection program, which included SS060 was implemented in 2006. This site is inspected annually with annual reporting. No violations have been reported at this site.

9.3 Regulatory Drivers

SS060 is regulated under the Griffiss CERCLA On-Base Groundwater Program. The site activities are conducted under the supervision and recommendations of the NYSDEC and USEPA.

9.4 Proposed Outcome

The proposed outcome for this site is site closure with restrictions following the 2012 sampling event.

9.5 Pathways to Achieve Proposed Outcome

9.5.1 Pathway to Proposed Outcome

The pathway to the proposed outcome at SS060 is additional vegetable oil emulsion injection and annual groundwater monitoring to support site closure with restricted use.

A vegetable oil emulsion injection will be performed around contaminated well B035MW-1. Monitoring will continue at B035MW-1 for two annual sampling rounds. The remediation/ LTM schedule is provided in Table 19 and the LTM sampling summary is provided in Table 20.

Figure 9
SS060 cis-1,2-DCE, Vinyl Chloride, and TOC Concentration Trends

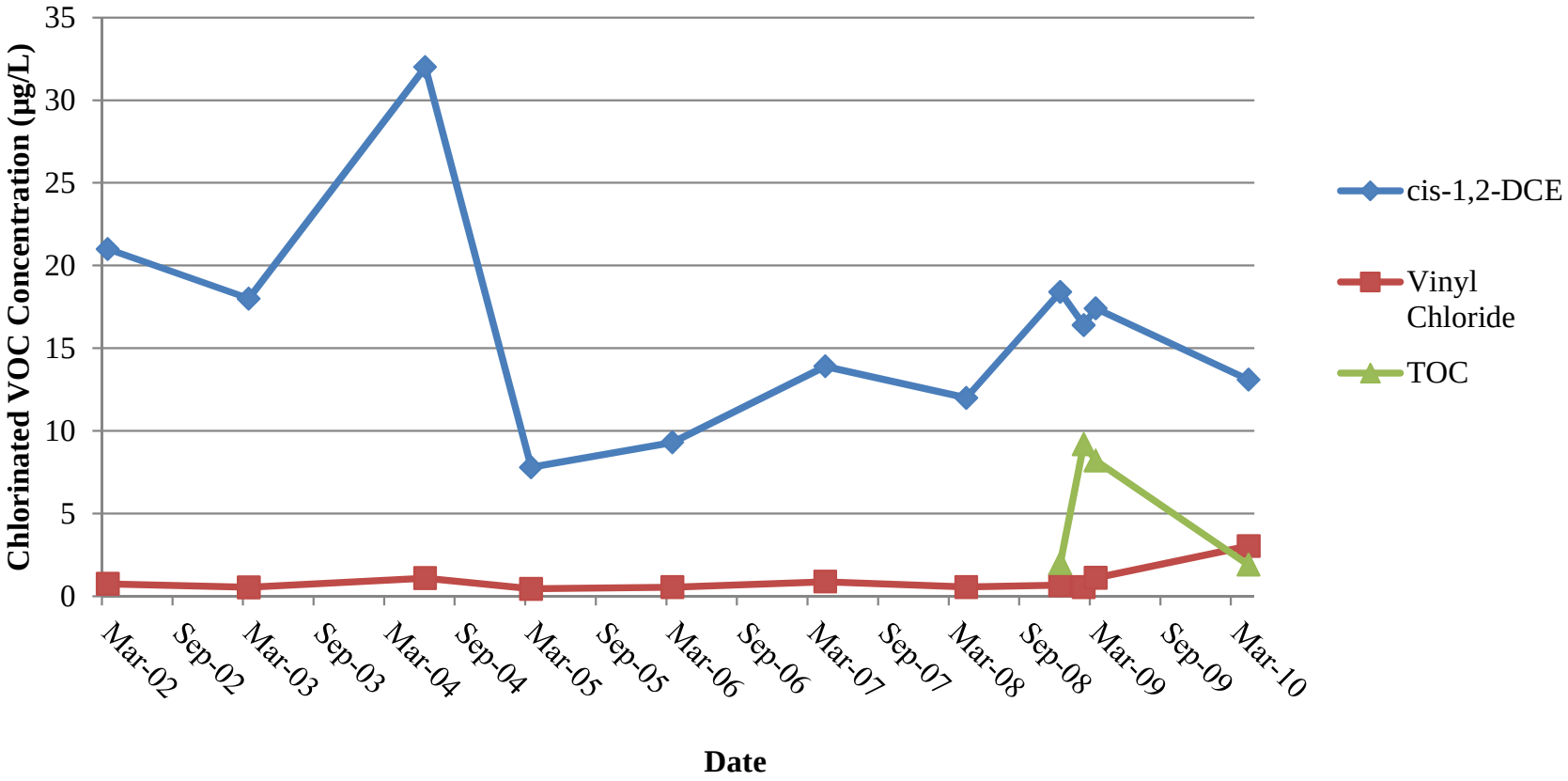


Table 19
SS060 Remediation and LTM Schedule

Period of Performance		
Years	Activity	Performance
2011	Monitoring	2nd Quarter (June 2011)
	Remediation	3rd Quarter (July 2011)
2012	Monitoring	2nd Quarter (June 2012)
	Closure Report	1st Quarter (January 2013)
	Well Abandonment	2nd Quarter (April 2013)

9.5.2 Metric Development: Proposed End Point, Metrics, and Approach

Groundwater Injection:

A vegetable oil emulsion injection (Newman Zone® injection) will be conducted at B035MW-4 following the next groundwater sampling event. Approximately 1,800 pounds of vegetable oil will be sheared into an emulsion with a shear pump and heated groundwater and then injected into a 25 ft grid surrounding monitoring well B035MW-4. The sampling data following the injection is anticipated to confirm that VOC concentrations are declining and that the vegetable oil emulsion injection is effectively boosting site contamination remediation.

Groundwater monitoring following the 2009 Newman Zone® injection has shown that the injection has had an effect on the chlorinated ethene concentrations at the Building 35 AOC site. This is demonstrated by the decrease in cis-1,2-DCE concentration ultimately leading to the increase in the daughter compound VC. Currently, the TOC dissolved in the groundwater is limiting the degradation of cis-1,2-DCE. However, the TOC levels are declining.

The additional vegetable oil emulsion injection will further decrease TOC levels and enhance the degradation of chlorinated solvents in the aquifer.

Groundwater Monitoring:

Groundwater monitoring will be conducted at one monitoring well (B035MW-4) for two additional annual groundwater monitoring events. Samples will be analyzed for chlorinated VOCs (AFCEC QAPP 4.0 List) using EPA Method SW8260 and groundwater characteristics. The LTM sampling summary is provided in Table 2.

Site Closure:

As mentioned in Section 2, this site was closed under RCRA in 1999. In the 1999 Completion Report recommended the following LUC/ICs to be incorporated in the deed for this site.

- The deed will state that within the site boundary, the owner or operator will restrict the relocation of the contaminated soils below 1 foot of the surface from being placed outside the site boundaries. If the contaminated soil below 1 foot of

the surface is to be excavated, it must remain on site, stay covered if stockpiled, and covered by a minimum of 1 foot of clean fill once it is returned to the ground.

- The deed will prohibit the development and use of the property for residential housing, elementary and secondary schools, childcare facilities and playgrounds unless prior approval is received from the Air Force, USEPA, and NYSDEC.

- The deed will prohibit the extraction, utilization, or consumption of any water from the aquifer below the surface of the ground unless the water has been tested and found to meet all applicable standards and such owner obtains the prior written approval from the NYSDOH.

- The deed will include a covenant that the aquifer will not be used in any way that could spread or exacerbate environmental contamination or open exposure pathways to humans or the environment.

Therefore, SS060 cannot be closed with unrestricted use. Following one addition injection and two groundwater monitoring events, site closure with restricted use will be proposed. Given the current site conditions and proposed actions, site closure will be protective of human health and the environment with continued LUC/IC maintenance.

Monitoring Well Abandonment:

Following the approved closure of the site, all four remaining monitoring wells (B035MW-1, -2, -3, and -4) will be decommissioned. The wells will be decommissioned using NYSDEC approved decommissioning techniques.

Land Use Control/ Institutional Controls:

LUC/ICs have been inspected at this site since 2006. These inspections will continue during this POP.

9.6 Contingencies

Potential risks at the site include the increase in chlorinated VOC concentrations. However, it has been determined that all contaminants sources have been removed from the site so an increase appears unlikely. Additional monitoring and vegetable oil emulsion injection will be conducted if declining trends are not confirmed after the 2012 sampling event.

Table 20
SS060 AOC LTM Network Summary

Sampling Locations	Sampling Rationale	Target Analytes / Method Numbers	Sampling Frequency	Evaluation Criteria / Modification Justification
B035MW-4	Downgradient of potential source	VOCs – SW8260 Groundwater Chemistry - Alkalinity–SM2320B, Chloride - SW9056 Nitrate – SW9056, Sulfate – SW9056, and TOC – SW9060.	Annual	Continue to verify the cis-1,2- DCE attenuation. Analysis for VOCs (chlorinated ethenes short list only) will occur annually, after which the results will be evaluated to assess future monitoring frequency.

SECTION 10.0
SUSTAINABLE PRACTICES

10.0 SUSTAINABLE PRACTICES

The majority of personnel are on site (FPM) thus reducing mobilization and demobilization time for system O&M, monitoring, and annual LUC/IC inspections which decreases fuel consumption and thus carbon emissions. Optimization of the LTM networks will also reduce fuel consumption as field requirements will be decreased. In addition, CAPE's team will produce the annual LTM Reports, LUC/IC Site Inspection Reports, the 2015 5-Year Review, and Site Closure Reports while minimizing paper usage by including all appendices on compact discs.

SECTION 11.0
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11.0 REFERENCES

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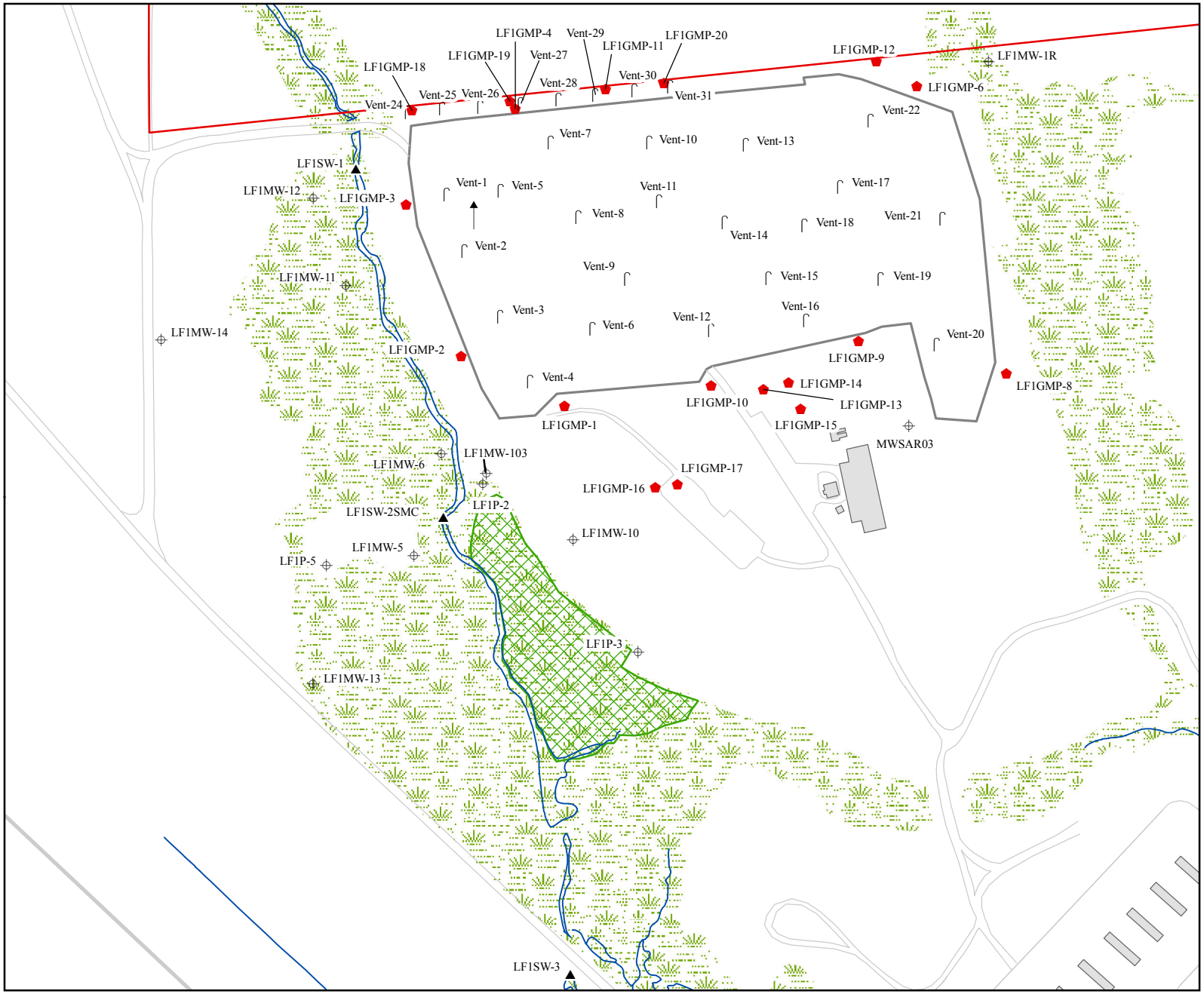
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Attachment A

Long Term Monitoring Sampling Location Figures



N

Site Location

Legend

- Groundwater Monitoring Well with ID
- Surface Water Sampling Location with ID
- Gas Monitoring Probe with ID
- Gas Vent with ID
- AFB Boundary
- Surface Water
- Road
- Airfield
- Landfill Boundary
- Building
- Rich Sloping Fen
- Wetland Area

250 0 250

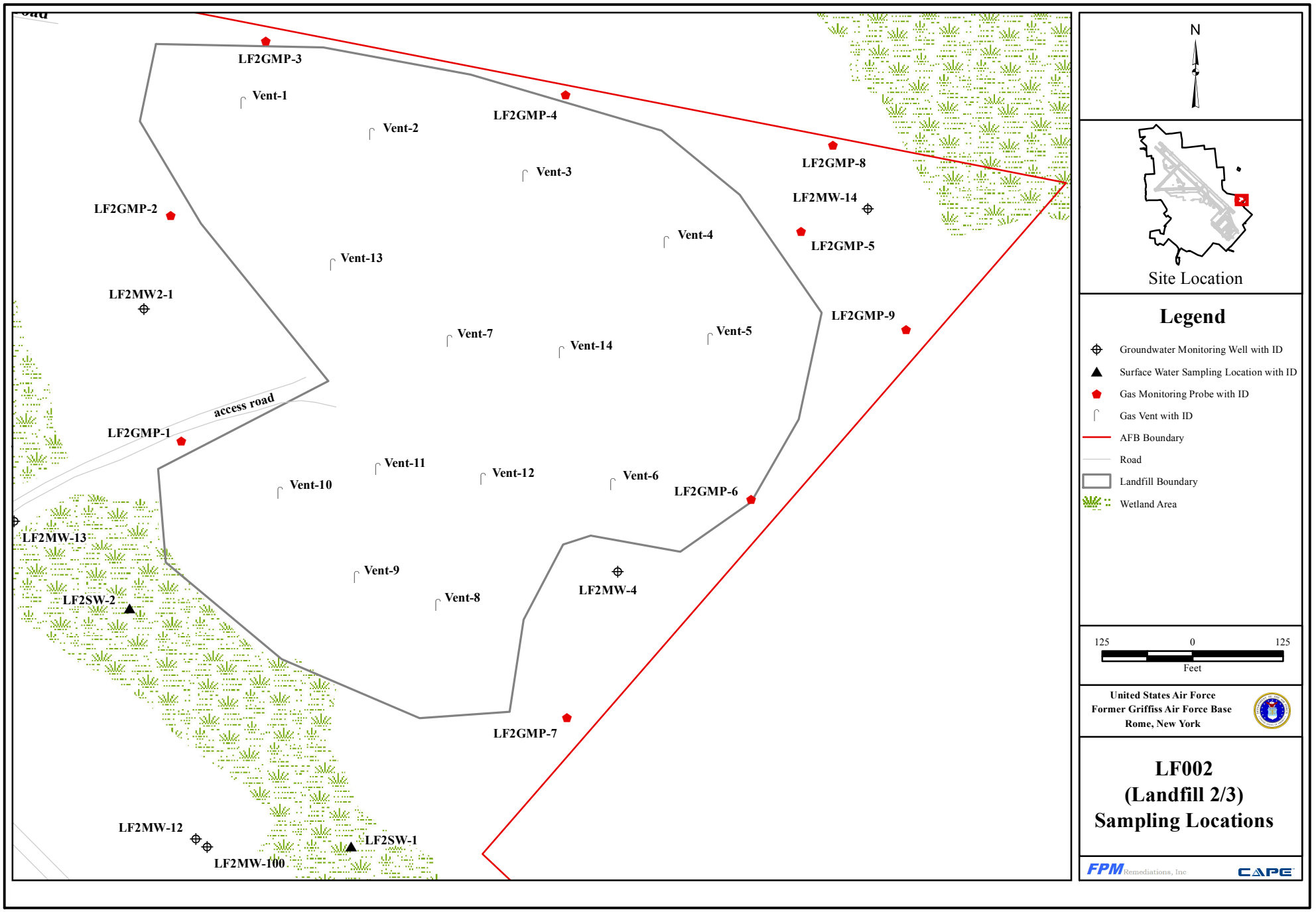
Feet

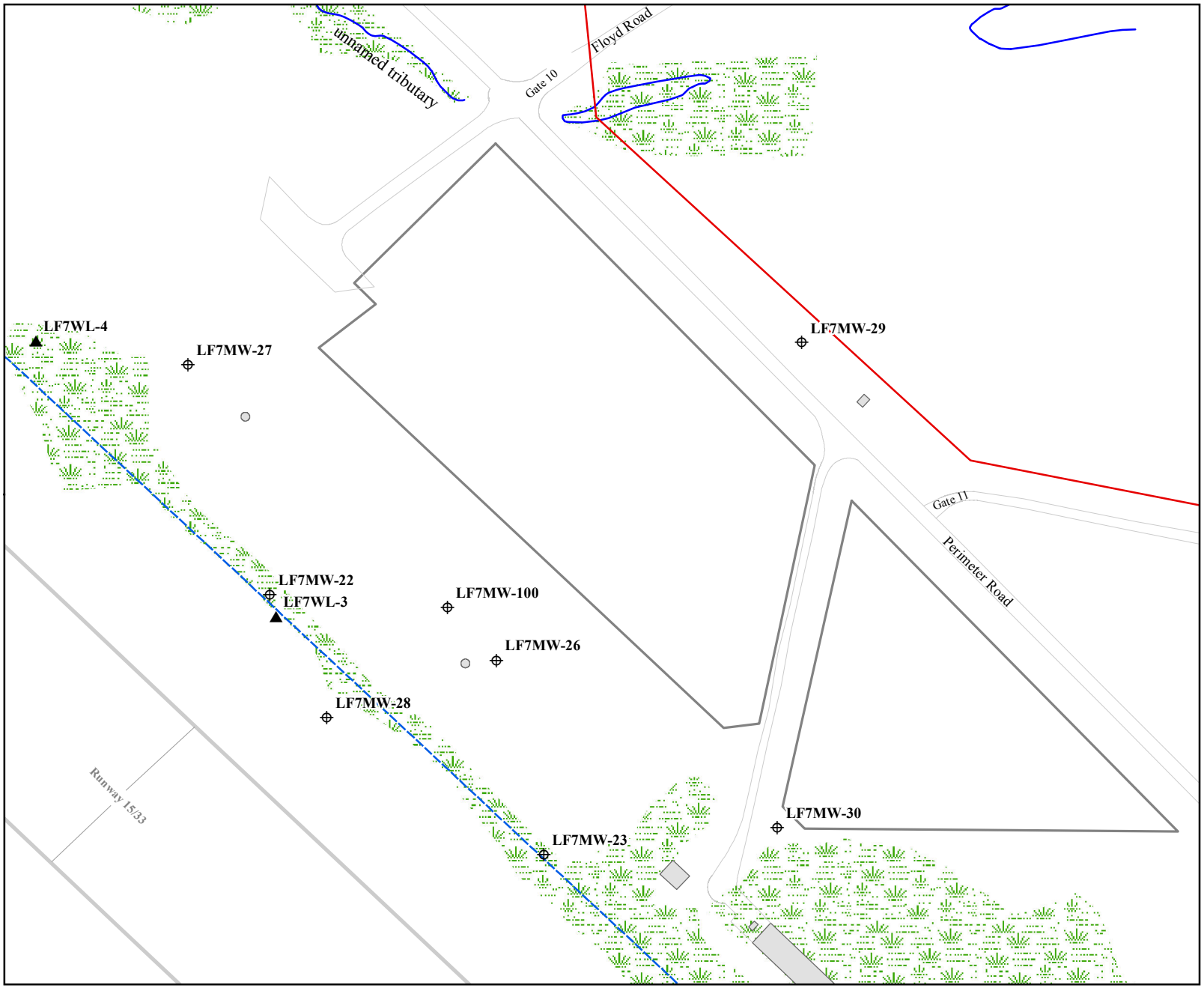
United States Air Force
Former Griffiss Air Force Base
Rome, New York

LF001 (Landfill 1) Sampling Locations

FPM Remediations, Inc

CAPE


LF2GMP-3
Vent-1
Vent-2
LF2GMP-4
Vent-3
LF2GMP-8
LF2MW-14
LF2GMP-2
Vent-4
LF2GMP-5
Vent-13
LF2MW2-1
LF2GMP-9
Vent-7
Vent-14
Vent-5
access road
LF2GMP-1
Vent-11
Vent-12
Vent-6
Vent-10
LF2GMP-6
LF2MW-13
Vent-9
LF2MW-4
LF2SW-2
Vent-8
LF2GMP-7
LF2MW-12
LF2SW-1
LF2MW-100
N
Site Location
Legend
Groundwater Monitoring Well with ID
Surface Water Sampling Location with ID
Gas Monitoring Probe with ID
Gas Vent with ID
AFB Boundary
Road
Landfill Boundary
Wetland Area
125
0
125
Feet
United States Air Force
Former Griffiss Air Force Base
Rome, New York
LF002
(Landfill 2/3)
Sampling Locations
FPM Remediations, Inc
CAPE



N

Site Location

Legend

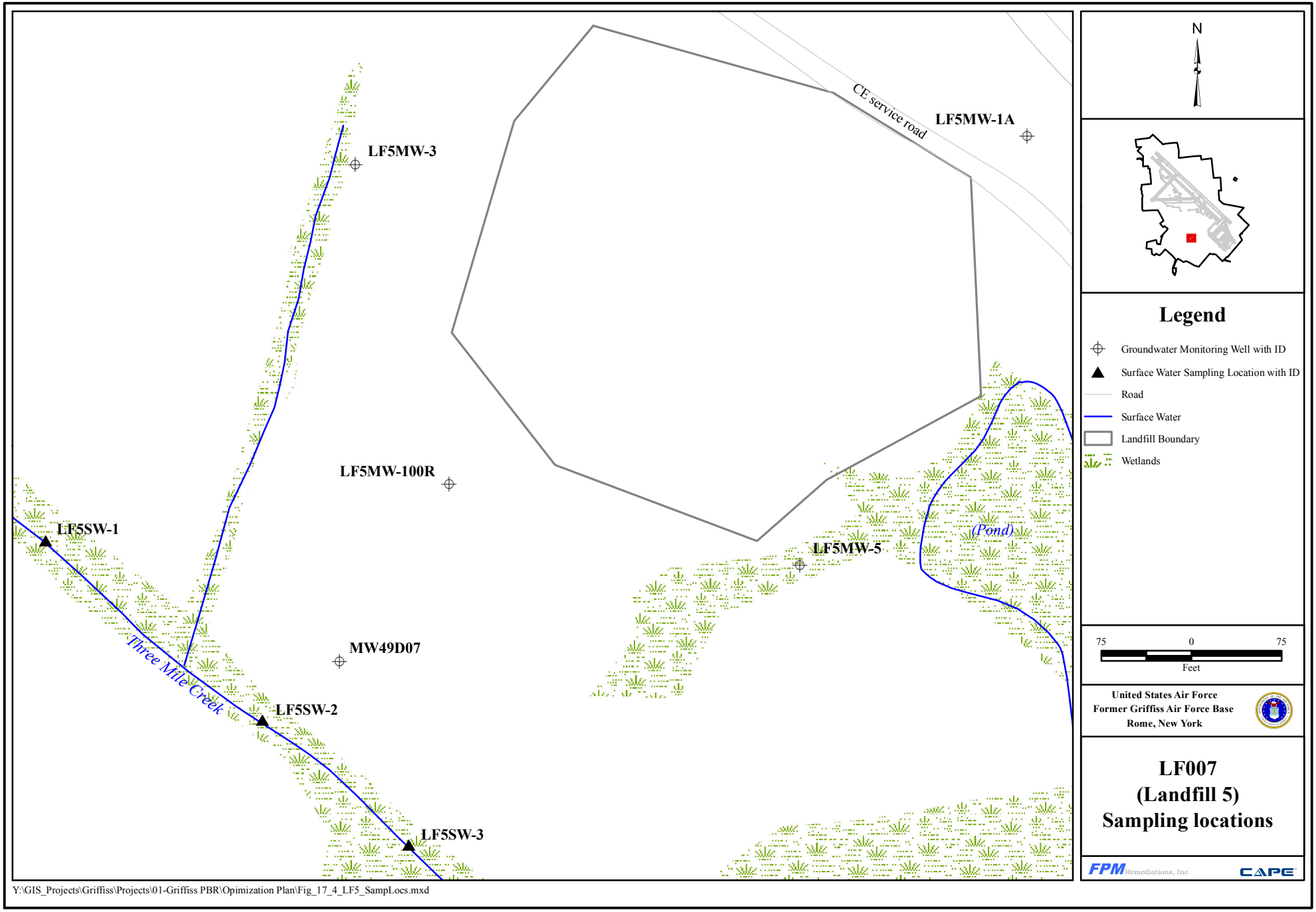
- Groundwater Monitoring Well with ID
- Surface Water Sampling Location with ID
- AFB Boundary
- Surface Water
- Storm Drain
- Road
- Airfield
- Landfill Boundary
- Building
- Wetland

150 0 150
Feet

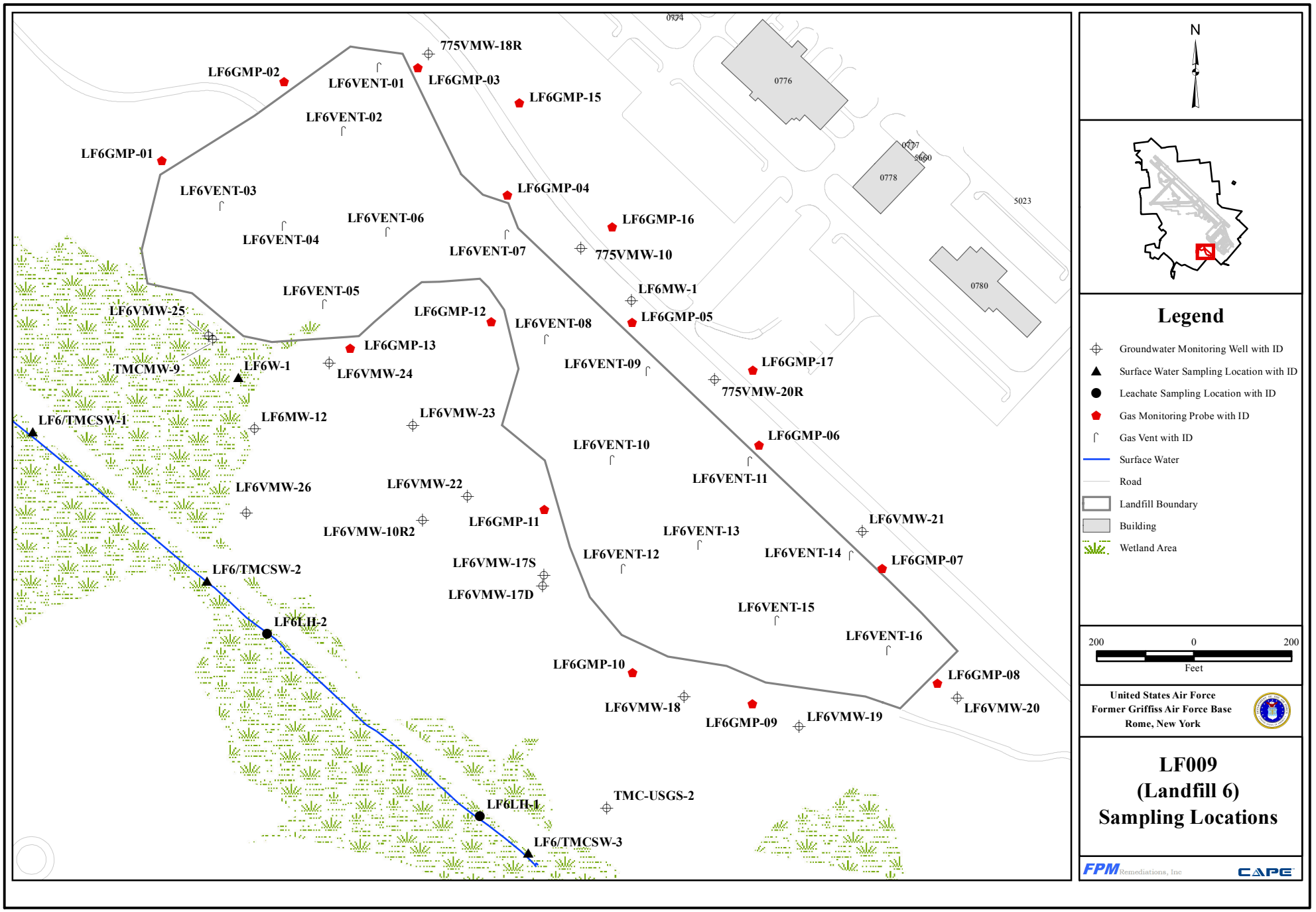
United States Air Force
Former Griffiss Air Force Base
Rome, New York

LF003 (Landfill 7) Sampling Locations

FPM Remediations, Inc
CAPE



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N

Legend

- Groundwater Monitoring Well with ID
- Surface Water Sampling Location with ID
- Leachate Sampling Location with ID
- Gas Monitoring Probe with ID
- Gas Vent with ID
- Surface Water
- Road
- Landfill Boundary
- Building
- Wetland Area

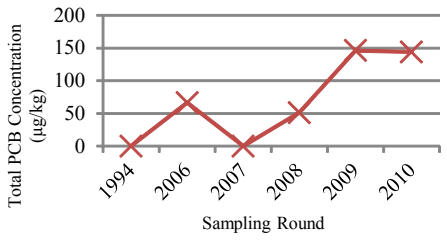
200 0 200
Feet

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

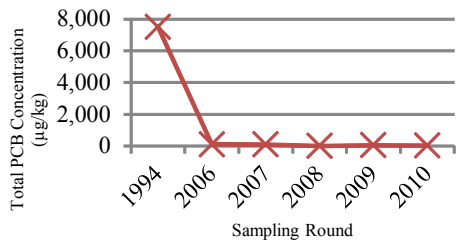
LF009
(Landfill 6)
Sampling Locations

FPM Remediations, Inc
CAPE

TMC-1	
1994 RI	ND
Fall 2006	66.5
Fall 2007	ND
Fall 2008	51.2
Fall 2009	146
Fall 2010	144



TMC-7	
1994 RI	7,500 J
Fall 2006	115
Fall 2007	101
Fall 2008	7.97 F
Fall 2009	54.7
Fall 2010	28.3



TMC-6

TMC-1

TMC-7

TMC-2

Three Mile Creek

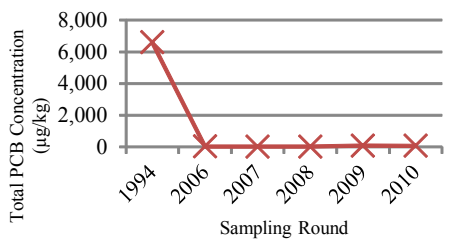
TMC-3

TMC-4

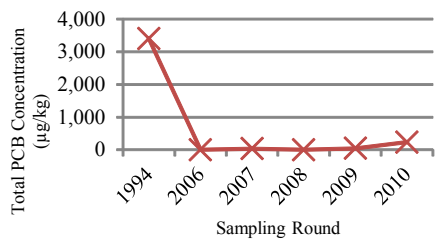
TMC-5

New York State Barge Canal

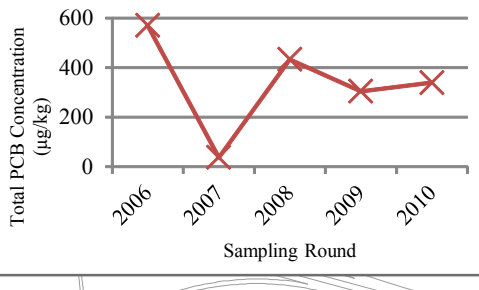
TMC-2	
1994 RI	6,600
Fall 2006	28.5 F
Fall 2007	16.7
Fall 2008	13.2 F
Fall 2009	84
Fall 2010	71.7



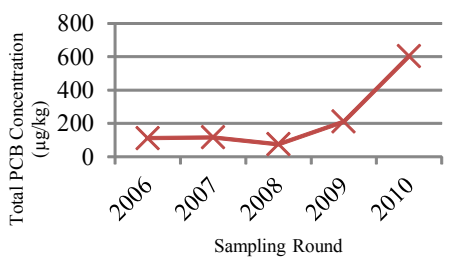
TMC-3	
1994 RI	3,400
Fall 2006	ND
Fall 2007	38.1
Fall 2008	3.76 F
Fall 2009	47.5
Fall 2010	234

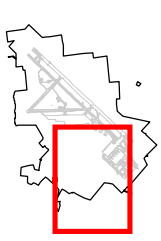


TMC-4	
1994 RI	NS
Fall 2006	570
Fall 2007	37.1
Fall 2008	433
Fall 2009	304
Fall 2010	339



TMC-5	
1994 RI	NS
Fall 2006	111
Fall 2007	116
Fall 2008	74.6
Fall 2009	211
Fall 2010	604 J





Site Location

Legend

- Suface Water/Sediment Sample Location
- Suface Water/Sediment/Fish/Benthic Sample Location
- Pond/Canal
- Landfill
- Creek/Culvert
- Airfield/Road
- Air Force Boundary
- Fish Sampling Stretch

ND - not detected
NS - indicates that a sample was not collected
PCB concentrations in µg/Kg

N

300 150 0 300
Feet

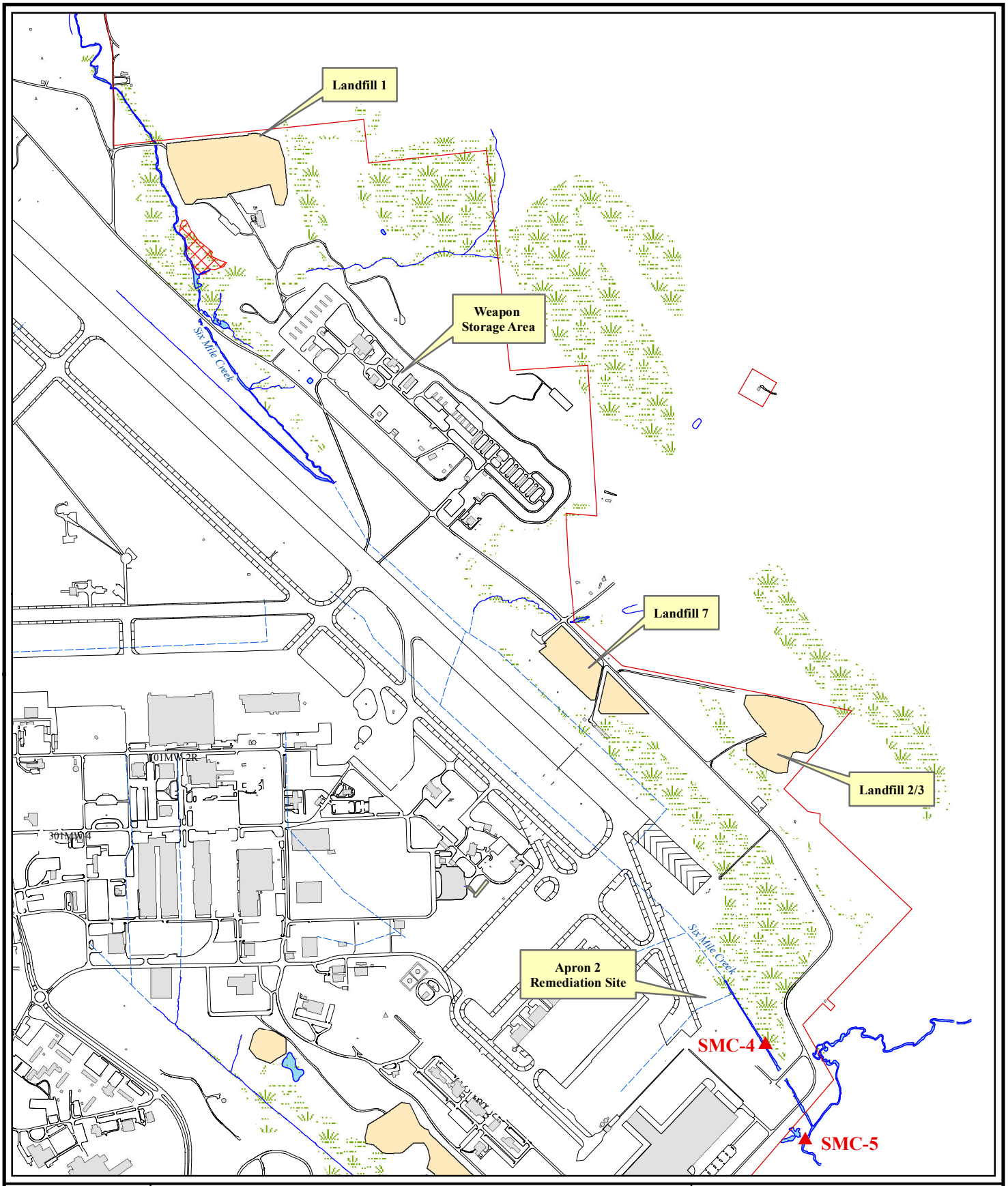
UNITED STATES AIR FORCE
FORMER GRIFFISS AIR FORCE BASE
ROME,NEW YORK

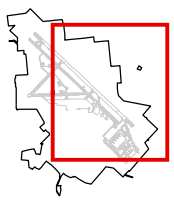
SD031
(Three Mile Creek)
Sampling Locations

FPM Remediations, Inc

CAPE

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Site Location

Legend

- SMC Fish Location
- Airfield/Road
- Base Boundary
- Stream/Creek
- Storm Drain
- Existing Facility
- Demolished Facility
- Wetland
- Landfill
- Rich Sloping Fen

N

500 250 0 500 1,000

Feet

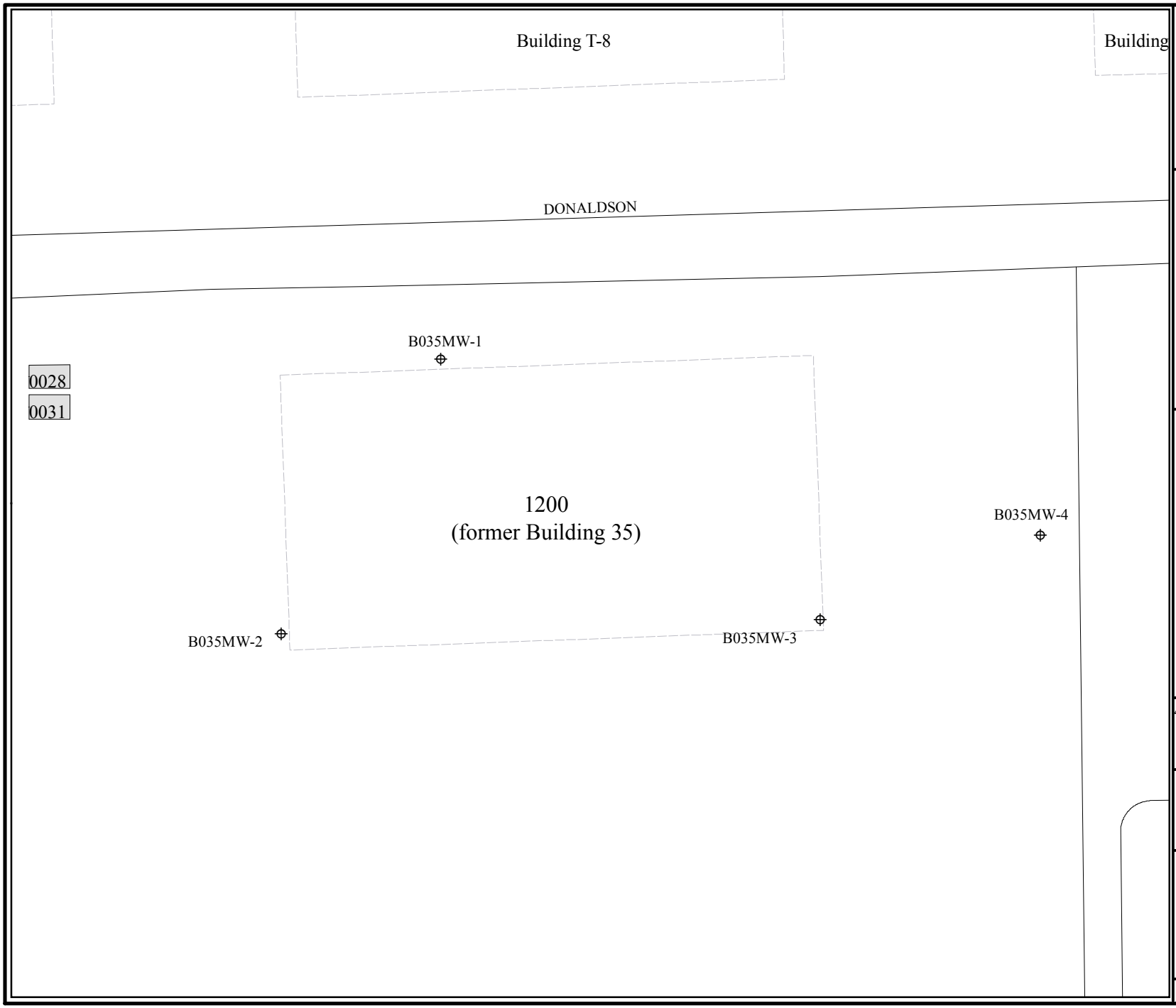
UNITED STATES AIR FORCE
GRIFFISS AIR FORCE BASE
ROME, NEW YORK

SD032
(Six Mile Creek)
Sampling Locations

FPM Remediations, Inc

CAPE

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N

Site Location

Legend

- Monitoring well
- Airfield
- Road
- Existing
- Demolished

40 20 0 40

Feet

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

SS060 (Building 35) Sampling Locations

FPM Remediations, Inc

CAPE

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Attachment B

Long Term Monitoring Results

Landfill 1 AOC

Groundwater Analytical 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	0.31 F	0.41 F	U	U	U	0.26 F	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**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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	
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	U	39 F	U	68.6 F	U	U	U	U	U	U	94.1 F	35.7 F	U	48.6 F	U	U
antimony	3	50	U	U	U	U	U	U	U	**4.1 F**	U	U	U	U	U	U	U	1.9 F
arsenic	25	30	4.8 F	18.9 F	8.4 F	9.2 F	4.3 F	U	9.2 F	5.2 F	U	U	4.3 F	8.7 F	7.41 F	6.46 F	U	4.3 F
barium	1,000	50	67.2	72.2	69.1	69.5	52.9	54	49.6 F	43.3 F	52.2	57.6	49.5 F	58.8	61.9	60.8	52	54
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	134	NA	NA	NA	NA	98.3	NA	NA	NA	99.2	U	97.7	NA	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	136,000	138,000	135,000	133,000	114,000	113,000	99,900	93,400	108,000	121,000	111,000	118,000	121,000	120,000	120,000	130,000
chromium	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.7 F	U
cobalt	--	60	5.6 F	6 F	6 F	6.4 F	4.3 F	4.6 F	4.4 F	4.4 F	4.6 F	5 F	4.1 F	4.3 F	U	U	U	U
copper	200	10	2.0 F	U	1.8 F	U	U	U	U	U	U	U	U	U	U	U	2.2 F	U
iron	300	200	**6,610**	**12,700**	**12,400**	**13,600**	**2,360**	**4,820**	**9,210**	**4,880**	**6,040**	**7,570**	**5,420**	**10,400**	**9,160**	**8,720**	**1,600**	**3,000**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	11,700	11,500	11,100	11,600	9,390	9,290	8,160	7,740	9,100	10,000	9,290	9,860	9,930	9,830	10,000	10,000
manganese	300	10	**3,700**	**3,750**	**3,770**	**4,070**	**3,270**	**3,240**	**2,770**	**2,550**	**2,930**	**3,390**	**3,060**	**3,260**	**3,360**	**3,350**	**3,300**	**3,300**
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	1.3 F	2.2 F	U	U	U	U
nickel	100	20	3.1 F	2.9 F	2.6 F	2.1 F	1.6 F	2.2 F	2.7 F	3.4 F	2.7 F	1.8 F	U	2.1 F	1.61 F	1.48 F	2.1 F	2.3 F
potassium	--	1,000	8,370	6,570	6,000	6,560	5,930	6,000	4,820	4,940	5,680	5,840	4,890	5,220	5,320	5,250	5,800	5,900
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.9 F
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**24,900**	**21,200**	19,400	18,600	16,000	15,400	13,600	14,300	13,100	13,000	11,400	12,400	12,700	12,500	13,000	13,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	10.4 F	U	U	U	U	U	U	U	4.4 F	U	U	3.7 F	23.8 B	70.4 B	6.2 F	6.3 F
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	
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	
phenolics, Total	--	0.005	0.011	U	U	U	U	U	0.0050 F	U	U	U	NA		NA		NA	

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**					
Sample ID No.			**LF1M0526NA**	**LF1M0526OA**	**LF1M0526PA**	**LF1M0526QA**	**LF1M0526RA**	**LF1M0526SA**					
Depth to Water (ft)			**2.75**	**3.83**	**2.80**	**3.94**	**2.88**	**2.55**					
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	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					
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U					
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U					
1,2-dichloroethane	0.6	1	U	U	U	U	U	U					
1,2-dichlorobenzene	3	1	U	U	U	U	U	U					
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U					
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U					
1,3-dichlorobenzene	3	1	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					
acetone	50	10	U	U	U	U	U	1.32 F					
benzene	1	0.1	0.740 F	**2.03**	0.690	**2.23**	0.880	0.360 F					
bromodichloromethane	50	0.5	U	U	U	U	U	U					
bromoform	50	1	U	U	U	U	U	U					
carbon disulfide	1,000	0.5	U	U	U	U	U	U					
chlorobenzene	5*	0.5	0.980 F	1.98	0.750	1.77	0.930	0.480 F					
chloroethane	5*	1	U	U	U	U	U	U					
chloroform	7	0.3	U	U	U	U	U	U					
chloromethane	5*	1	U	U	U	U	U	U					
cis-1,2-dichloroethene	5*	1	0.160 F	0.250 F	U	0.300 F	0.170 F	0.140 F					
dichlorodifluoromethane	5*	1	U	0.300 F	U	U	U	U					
ethylbenzene	5*	1	U	U	U	U	U	U					
isopropylbenzene	5*	1	U	U	U	U	U	U					
methylene chloride	5*	1	U	U	U	U	U	U					
methyl iodide	5*	0.5	U	U	U	U	U	U					
n-propylbenzene	5*	1	U	U	U	U	U	U					
m,p-xylene	5*	2	U	U	U	U	U	U					
naphthalene	10	1	U	U	U	U	U	U					
o-xylene	5*	1	U	U	U	U	U	U					
p-isopropyltoluene	5*	1	U	U	U	U	U	U					
sec-butylbenzene	5*	1	U	U	U	U	U	U					
tetrachloroethene	5	1	U	U	U	U	U	U					
tert-butylbenzene	5*	1	U	U	U	U	U	U					
trichloroethene (TCE)	5*	1	U	U	0.130 F	0.120 F	0.140 F	0.120 F					
toluene	5*	1	U	U	U	U	U	U					
trichlorofluoromethane	5*	1	U	U	U	U	U	U					
vinyl chloride	2	1	0.110 F	0.660 F	U	U	U	U					
Total VOCs (µg/L)			**2.61**	**5.95**	**2.04**	**5.24**	**2.69**	**3.02**					
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**									
Sample ID No.			**LF1M0526NA**		**LF1M0526OA**		**LF1M0526PA**		**LF1M0526QA**	**LF1M0526RA**	**LF1M0526SA**									
Depth to Water (ft)			**2.75**		**3.83**		**2.80**		**3.94**	**2.88**	**2.55**									
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	U	U	44 F	U	U									
antimony	3	50	U	U	U	U	U	U	U	U	U									
arsenic	25	30	U	U	16 F	15 F	U	U	8.8 F	U	U									
barium	1,000	50	51	52	56	55	45 F	46 F	52	50	49 F									
berylium	3	4	U	U	U	U	U	U	U	U	U									
boron	1,000	110	U	U	NA	NA	93	98.0	NA	NA	NA									
cadmium	5	5	U	U	U	U	U	U	U	U	U									
calcium	--	1,100	120,000	120,000	110,000	110,000	110,000	120,000	110,000	120,000	120,000 B									
chromium	50	10	2.1 F	U	1.9 F	U	U	U	U	U	U									
cobalt	--	60	U	U	U	U	U	U	U	U	U									
copper	200	10	U	U	U	U	U	U	U	U	U									
iron	300	200	**2,100**	**2,700**	**13,000**	**12,000**	**2,200**	**3,800**	**12,000**	**5,300**	**3,600**									
lead	25	25	U	U	U	U	U	U	U	U	U									
magnesium	35,000	1,000	10,000	9,900	9,100	8,800	9,200	9,500	8,900	9,400	9,700 B									
manganese	300	10	**3,300**	**3,300**	**3,000**	**2,900**	**3,100**	**3,000**	**3,000**	**3,200**	**2,900**									
molybdenum	--	15	U	U	U	U	U	U	U	U	U									
nickel	100	20	1.7 F	1.2 F	1.5 F	1.6 F	1.5 F	2.4 F	2.2 F	U	U									
potassium	--	1,000	5,600	5,600	5,100	5,000	5,300	5,400	5,000	4,600	5,000 B									
selenium	10	30	U	U	U	U	U	U	U	U	U									
silver	50	10	U	U	U	U	U	U	U	U	U									
sodium	20,000	1,000	12,000	12,000	12,000	12,000	11,000	11,000	11,000	9,700	12,000 B									
thallium	0.5	80	U	U	U	U	U	U	U	U	U									
vanadium	--	10	U	U	U	U	U	U	U	U	U									
zinc	2,000	20	U	U	59 B	30 B	11 F	11 F	13 F	U	4.8 BF									
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	370		360		360		350	350	360 B									
ammonia	2	0.2	**2.4**		**2.4**		**2.30**		1.8	**2.1**	1.9									
BOD5	--	2.4	5.0		5.9		4.4		4.4	4.4	4.1									
bromide	2	0.5	U		0.076 F		0.096 F		0.077 F	0.081 F	0.12									
COD	--	5	19 B		13		11		8.2 F	10	U									
chloride	250	1	8.6		6.5		8.0		5.5	5.8	12 B									
color	15	5	NA		NA		U		NA	U	U									
cyanide, Total	200	0.02	NA		NA		NA		NA	NA	NA									
hardness, Total	--	1	380		290		320		330	18	350 B									
nitrate	10	1	U		0.035 F		0.041 F		0.041 F	U	0.061 BF									
TKN	1	1	**2.3**		**2.2**		**2.2**		**2.4**	**2.2**	**2.5**									
sulfate	250	1	0.65 F		1.0		1.0		0.71 F	0.78 F	U									
TDS	500	10	410		400		380		380	370	370									
TOC	--	1	2.4		2.8		3.5		2.4	1.9	2.4									
phenolics, Total	--	0.005	NA		NA		NA		NA	NA	NA									

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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	
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	U	U	U	U	U	U	U	98 F	U	22 F	71.5 F	30.5 F	57.3 F	43.2 F	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	53.5	52.9	50.5	49.5 F	43.7 F	53.5	54.9	119	66	60.7	50.6	60.5	54.9	54.1	52	53
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	42.9	NA	NA	NA	NA	38	NA	NA	NA	45.2	45.7	45.4	NA	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	72,300	74,500	66,000	64,700	58,200	71,800	74,100	148,000	87,800	84,300	70,100	76,100	66,900	65,200	70,000	70,000
chromium	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
cobalt	--	60	U	U	U	U	U	U	U	2.5 F	U	U	U	U	U	U	U	U
copper	200	10	U	U	5.6 F	U	1.7 F	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	237	**344**	**388**	299	119 F	171 F	**893**	**5,040**	**736**	**433**	78.8 F	**3,100**	**1,170**	**1,050**	84 F	110 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	12,600 B	13,100	11,800	11,400	10,300	12,200	12,600	17,000	13,600	13,400	11,400	12,600	11,400	11,200	12,000	12,000
manganese	300	10	111	108	110	97.2	89.3	106	171	**2,160**	**508**	295	275	280	217	187	170	160
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	1.6 F	3.9 F	U	U	U	U	U	U	1.2 F	U
potassium	--	1,000	3,320 B	3,030	2,960	3,060	2,920	3,070	3,060	7,690	4,230	3,290	3,020	3,300	3,020	2,950	3,200	3,300
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**21,500 B**	**21,500**	19,800	19,500	18,500	**21,300**	19,600	14,600	**20,300**	**21,600**	17,200	19,500	19,300	19,700	**21,000**	**22,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	10.2 F	U	U	U	U	U	U	U	4.5 F	U	3.9 F	3.9 F	44 B	32.5 B	6.8 F	4.7 F
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	
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	
phenolics, Total	--	0.005	U	0.004 F	0.015	U	U	U	0.0040 F	U	U	U	NA		NA		NA	

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**					
Sample ID No.			**LF1M0620NA**	**LF1M0620OA**	**LF1M0620PA**	**LF1M0620QA**	**LF1M0620RA**	**LF1M0620SA**					
Depth to Water (ft)			**2.23**	**3.24**	**2.25**	**2.91**	**2.20**	**NS**					
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	U	NS					
1,1-dichloroethane	5*	1	U	0.150 F	U	U	U	NS					
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	NS					
1,2,4-trimethylbenzene	5*	1	U	1.08	U	0.200 F	U	NS					
1,2-dichloroethane	0.6	1	U	U	U	U	U	NS					
1,2-dichlorobenzene	3	1	U	U	U	U	U	NS					
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	NS					
1,3,5-trimethylbenzene	5*	1	U	0.140 F	U	U	U	NS					
1,3-dichlorobenzene	3	1	U	U	U	U	U	NS					
1,4-dichlorobenzene	3	0.5	U	0.400 F	U	U	U	NS					
acetone	50	10	U	U	U	U	U	NS					
benzene	1	0.1	U	1.65	U	0.410 F	U	NS					
bromodichloromethane	50	0.5	U	U	U	U	U	NS					
bromoform	50	1	U	U	U	U	U	NS					
carbon disulfide	1,000	0.5	U	U	U	U	U	NS					
chlorobenzene	5*	0.5	U	0.93	U	U	U	NS					
chloroethane	5*	1	U	U	U	U	U	NS					
chloroform	7	0.3	U	U	U	U	U	NS					
chloromethane	5*	1	U	U	U	U	U	NS					
cis-1,2-dichloroethene	5*	1	U	0.180 F	U	U	U	NS					
dichlorodifluoromethane	5*	1	U	0.270 F	U	U	U	NS					
ethylbenzene	5*	1	U	U	U	U	U	NS					
isopropylbenzene	5*	1	U	0.160 F	U	U	U	NS					
methylene chloride	5*	1	U	0.230 F	U	U	U	NS					
methyl iodide	5*	0.5	U	U	U	U	U	NS					
n-propylbenzene	5*	1	U	U	U	U	U	NS					
m,p-xylene	5*	2	U	0.730 F	U	0.160 F	U	NS					
naphthalene	10	1	U	U	U	U	U	NS					
o-xylene	5*	1	U	U	U	U	U	NS					
p-isopropyltoluene	5*	1	U	U	U	U	U	NS					
sec-butylbenzene	5*	1	U	U	U	U	U	NS					
tetrachloroethene	5	1	U	U	U	U	U	NS					
tert-butylbenzene	5*	1	U	U	U	U	U	NS					
trichloroethene (TCE)	5*	1	U	U	U	U	U	NS					
toluene	5*	1	U	U	U	U	U	NS					
trichlorofluoromethane	5*	1	U	U	U	U	U	NS					
vinyl chloride	2	1	U	U	U	U	U	NS					
Total VOCs (µg/L)			**0**	**4.92**	**0**	**0.77**	**0**	**NS**					
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-6																			
Date of Collection			**4/4/2007**		**9/27/2007**		**4/2/2008**		**9/18/2008**	**4/20/2009**	**3/31/2010**											
Sample ID No.			**LF1M0620NA**		**LF1M0620OA**		**LF1M0620PA**		**LF1M0620QA**	**LF1M0620RA**	**LF1M0620SA**											
Depth to Water (ft)			**2.23**		**3.24**		**2.25**		**2.91**	**2.20**	**NS**											
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	U	U	U	U	U	42 F	U	NS											
antimony	3	50	U	U	U	U	U	U	1.7 F	U	NS											
arsenic	25	30	U	U	U	U	U	U	U	U	NS											
barium	1,000	50	46 F	51	120	110	54	55	65	49 F	NS											
berylium	3	4	U	U	U	U	U	U	U	U	NS											
boron	1,000	110	U	U	NA	NA	49	52	NA	NA	NS											
cadmium	5	5	U	U	U	U	U	U	U	U	NS											
calcium	--	1,100	66,000	71,000	140,000	140,000	77,000	78,000	82,000	69,000	NS											
chromium	50	10	1.8 F	U	3.0 F	2.2 F	U	U	U	U	NS											
cobalt	--	60	U	U	U	U	U	U	U	U	NS											
copper	200	10	U	U	U	U	U	U	U	U	NS											
iron	300	200	150 F	210	**6,100**	**5,800**	170 F	**520**	**2,200**	**980**	NS											
lead	25	25	U	U	U	U	U	U	U	U	NS											
magnesium	35,000	1,000	12,000	12,000	17,000	16,000	13,000	13,000	13,000	12,000	NS											
manganese	300	10	150	160	1,800	1,700	340	340	**510**	230	NS											
molybdenum	--	15	U	U	U	U	U	U	U	U	NS											
nickel	100	20	1.3 F	1.2 F	1.7 F	1.6 F	U	U	U	U	NS											
potassium	--	1,000	3,000	3,100	6,500	6,300	3,400	3,400	4,100	3,000	NS											
selenium	10	30	U	U	U	U	U	U	U	U	NS											
silver	50	10	U	U	U	U	U	U	U	U	NS											
sodium	20,000	1,000	**21,000**	**22,000**	18,000	18,000	20,000	20,000	20,000	**21,000**	NS											
thallium	0.5	80	U	U	U	U	U	U	U	U	NS											
vanadium	--	10	U	U	U	U	U	U	U	U	NS											
zinc	2,000	20	U	U	81 B	18 F	12 F	10 F	12 F	U	NS											
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	230		440		280		280	240	NS											
ammonia	2	0.2	0.50		**2.4**		0.72		1.10	0.54	NS											
BOD5	--	2.4	4.2		6.7		U		10	3.3	NS											
bromide	2	0.5	0.11		0.16		0.13		0.14	0.14	NS											
COD	--	5	10 B		8.5 F		6.3 F		U	6.0 F	NS											
chloride	250	1	22		16		21		19	20	NS											
color	15	5	NA		NA		U		NA	U	NS											
cyanide, Total	200	0.02	NA		NA		NA		NA	NA	NS											
hardness, Total	--	1	230		389		250		280	220	NS											
nitrate	10	1	U		0.016 F		0.021 F		0.016 F	U	NS											
TKN	1	1	0.54		**2.2**		0.67		**1.1**	0.57	NS											
sulfate	250	1	U		U		U		U	U	NS											
TDS	500	10	280		490		310		330	280	NS											
TOC	--	1	0.47 F		2.0		0.50 F		0.73 F	U	NS											
phenolics, Total	--	0.005	NA		NA		NA		NA	NA	NS											

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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	
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	204	79.6 F	U	U	U	U	U	U	U	U	60 F	46.6 F	U	54 F	U	U
antimony	3	50	U	U	U	U	U	U	U	U	4.4 F	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	33.3 F	23.9 F	20.1 F	19.8 F	15.1	13.9 F	13 F	21.4 F	21.4 F	13.9 F	17.4 F	17.7 F	13 F	14 F	21 F	22 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	17.5	NA	NA	NA	NA	8.1 F	NA	NA	NA	11.3	U	U	U	U	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	64,500	69,800	76,600	76,800	64,300	68,500	70,400	84,200	88,200	70,900	88,400	88,300	74,000	80,000	90,000	90,000
chromium	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	3.8 F	U	U
cobalt	--	60	2 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	2.8 F	U	3.7 F	U	1.8 F	2.7 F	U	U	U	U	U	U	U	U	U	U
iron	300	200	**2,380**	**561**	222	231	256	210	95.5 F	268	214	73.6 F	116 F	126 F	28 F	40 F	90 F♦	110 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	3,860	3,480	3,390	2,880	2,300	2,300	2,250	1,990	2,680	2,580	3,120	3,120	4,400	4,800	2,800	2,800
manganese	300	10	**343**	216	125	171	182	163	93.9	249	212	138	U	151	120	120	**450**	**430**
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	2.8 F	U	U	U	U	U	U	U	U	U	U	U	U	1.3 F	U	U
potassium	--	1,000	2,850	1,900	1,420	1,230	1,020	886	783 F	762 F	967 F	887 F	985	963 F	1,200	1,300	1,100	1,100
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	1,860	2,730	4,290	2,380	1,540	1,460	1,500	1,090	1,030	1,600	1,180 B	1,180	2,800	2,800	2,000	2,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	4.6 F	U	U	U	U	U	U	U	4.4 F	U	65.3 F	30.6 F	U	U	U	U
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	
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	
phenolics, Total	--	0.005	0.029 B	U	U	U	U	U	U	U	U	U	NA		NA		NA	

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**							
Sample ID No.			**LF1M1030PA**	**LF1M1030QA**	**LF1M1030RA**	**LF1M1030SA**							
Depth to Water (ft)			**24.52**	**26.55**	**24.44**	**25.90**							
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U							
1,1-dichloroethane	5*	1	U	U	U	U							
1,2,3-trichlorobenzene	5	1	U	U	U	U							
1,2,4-trimethylbenzene	5*	1	U	U	U	U							
1,2-dichloroethane	0.6	1	U	U	U	U							
1,2-dichlorobenzene	3	1	U	U	U	U							
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U							
1,3,5-trimethylbenzene	5*	1	U	U	U	U							
1,3-dichlorobenzene	3	1	U	U	U	U							
1,4-dichlorobenzene	3	0.5	0.340 F	U	U	0.180 F							
acetone	50	10	U	U	U	1.33 F							
benzene	1	0.1	U	U	U	U							
bromodichloromethane	50	0.5	U	U	U	U							
bromoform	50	1	U	U	U	U							
carbon disulfide	1,000	0.5	U	U	U	U							
chlorobenzene	5*	0.5	U	U	U	U							
chloroethane	5*	1	U	U	U	U							
chloroform	7	0.3	U	U	U	U							
chloromethane	5*	1	U	U	U	U							
cis-1,2-dichloroethene	5*	1	U	U	U	U							
dichlorodifluoromethane	5*	1	U	U	U	U							
ethylbenzene	5*	1	U	U	U	U							
isopropylbenzene	5*	1	U	U	U	U							
methylene chloride	5*	1	U	U	U	U							
methyl iodide	5*	0.5	U	U	U	U							
n-propylbenzene	5*	1	U	U	U	U							
m,p-xylene	5*	2	U	U	U	U							
naphthalene	10	1	U	U	U	U							
o-xylene	5*	1	U	U	U	U							
p-isopropyltoluene	5*	1	U	U	U	U							
sec-butylbenzene	5*	1	U	U	U	U							
tetrachloroethene	5	1	0.170 F	0.200 F♦	0.180 F	0.280 F							
tert-butylbenzene	5*	1	U	U	U	U							
trichloroethene (TCE)	5*	1	U	U	U	0.120 F							
toluene	5*	1	U	U	U	U							
trichlorofluoromethane	5*	1	U	U	U	U							
vinyl chloride	2	1	U	U	U	U							
Total VOCs (µg/L)			**0.51**	**0.200**	**0.180**	**1.91**							
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**													
Sample ID No.			**LF1M1030PA**		**LF1M1030QA**	**LF1M1030RA**	**LF1M1030SA**													
Depth to Water (ft)			**24.52**		**26.55**	**24.44**	**25.90**													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	42 F	U	U													
antimony	3	50	U	U	2.0 F	U	U													
arsenic	25	30	U	U	U	U	U													
barium	1,000	50	14 F	15 F	22 F	16 F	22 F													
berylium	3	4	U	U	U	U	U													
boron	1,000	110	7.2 F	7.4 F	NA	NA	NA													
cadmium	5	5	U	U	U	U	U													
calcium	--	1,100	78,000	79,000	95,000	80,000	96,000													
chromium	50	10	U	U	U	U	U													
cobalt	--	60	U	U	U	U	U													
copper	200	10	U	U	U	U	U													
iron	300	200	60 F	57	76 F	24 F	140 F													
lead	25	25	U	U	U	U	U													
magnesium	35,000	1,000	3,800	3,900	3,500	3,300	3,300													
manganese	300	10	120	120	93	49	260													
molybdenum	--	15	U	U	U	U	U													
nickel	100	20	U	U	U	U	U													
potassium	--	1,000	1,100	1,100	1,200	1,100	1,200													
selenium	10	30	U	U	U	U	U													
silver	50	10	U	U	U	U	U													
sodium	20,000	1,000	2,300	2,200	3,500	1,800	1,700													
thallium	0.5	80	U	U	U	U	U													
vanadium	--	10	U	U	U	U	U													
zinc	2,000	20	10 F	9.8 F	17 F♦	9.9 F	U													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	200		250	200	230													
ammonia	2	0.2	0.026 F		0.050 B♦	U	U													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	U		U	U	U													
COD	--	5	8.5 F		U	6.0 F	U													
chloride	250	1	0.79 F		0.79 F	0.53 F	0.39 F													
color	15	5	U		NA	U	U													
cyanide, Total	200	0.02	NA		NA	NA	NA													
hardness, Total	--	1	220		280	220	250													
nitrate	10	1	0.36		0.098 F	0.62	0.21													
TKN	1	1	0.13 F		0.25 B	U	0.24 B													
sulfate	250	1	22		12	15	17													
TDS	500	10	230		270	250	250													
TOC	--	1	0.71 F		0.97 F	0.54 F	0.77 F													
phenolics, Total	--	0.005	NA		NA	NA	NA													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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	
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	U	145 F	U	U	U	128 F	U	U	U	U	U	U	53 F	68.5 F	U	43 F
antimony	3	50	U	U	U	U	U	5.3 F	U	U	U	U	U	U	U	U	U	1.6 F
arsenic	25	30	10.9 F	8.9 F	6.1 F	7.9 F	8 F	4.8 F	9.7 F	5 F	6 F	6.9 F	U	9.8 F	9.1 F	8.76 F	7.4 F	13 F
barium	1,000	50	169	170	167	167	151	52.7	144	129	138	137	125	159	160	163	160	170
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	136	NA	NA	NA	NA	34.1	NA	NA	NA	102	110	110	NA	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	0.4 F	U	U	U	U	U	U	U
calcium	--	1,100	172,000	186,000	182,000	181,000	164,000	74,800	164,000	145,000	152,000	162,000	174,000	180,000	170,000	174,000	180,000	180,000
chromium	50	10	U	U	U	1.4 F	U	U	U	U	U	U	U	U	U	U	1.5 F	U
cobalt	--	60	14.7 F	15.7 F	14.7 F	15.4 F	12.6 F	3.9 F	12.5 F	8.8 F	9.8 F	9.6 F	11.8 F	12.3 F	9.87 F	9.21 F	9.1 F	8.4 F
copper	200	10	U	U	U	U	1.7 F	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	**24,200**	**25,400**	**23,200**	**22,600**	**20,200**	**12,700**	**19,600**	**13,300**	**16,000**	**18,800**	**10,400**	**20,400**	**19,300**	**19,600**	**20,000**	**22,000**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	15,500 B	16,800	15,800	16,000	14,800	7,410	13,800	11,000	12,800	13,700	U	15,000	13,600	13,600	15,000	15,000
manganese	300	10	**3,080**	**3,420**	**3,270**	**3,380**	**3,350**	**1,900**	**2,880**	**1,780**	**2,540**	**2,810**	**2,660**	**2,860**	**2,510**	**2,560**	**3,000**	**3,000**
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	2.6 F	2.7 F	U	U	U	U
nickel	100	20	9.9 F	10.6 F	9.5 F	10.3 F	8.6 F	2.7 F	9.3 F	6.4 F	7.3 F	7.1 F	7.2 F	8.2 F	8.02 F	7.37 F	7.1 F	7.3 F
potassium	--	1,000	6,230 B	5,670	5,620	6,190	5,800	1,450	5,120	5,070 B	5,170	4,360	5,340	5,460	5,430	5,500	5,700	5,700
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.9 F
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	10,600 B	11,500	11,400	11,700	10,900	6,170	9,880	9,810	10,600	9,870	9,020	9,370	9,690	9,860	11,000	11,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	1.21 F	U	U	U
zinc	2,000	20	U	U	U	U	U	U	U	U	4.7 F	U	U	U	49.9 F	54.5 B	8.2 F	9.1 F
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	
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	
phenolics, Total	--	0.005	UM	U	U	U	U	U	0.0070 F	U	U	U	NA		NA		NA	

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**					
Sample ID No.			**LF1M1111NA**	**LF1M1111OA**	**LF1M1111PA**	**LF1M1111QA**	**LF1M1111RA**	**LF1M1111SA**					
Depth to Water (ft)			**3.00**	**4.33**	**2.67**	**3.82**	**3.06**	**2.56**					
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	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					
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U					
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U					
1,2-dichloroethane	0.6	1	U	0.130 F	U	U	U	U					
1,2-dichlorobenzene	3	1	**6.69**	**9.81**	**5.84**	**6.95**	**5.80**	**6.04**					
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U					
1,3,5-trimethylbenzene	5*	1	U	0.100 F	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					
1,4-dichlorobenzene	3	0.5	**7.84**	**11.10**	**7.24**	**8.49**	**7.18**	**7.53**					
acetone	50	10	U	U	U	U	U	1.78 F					
benzene	1	0.1	**2.09**	**1.98**	**1.67**	**1.82**	**1.58**	**2.06**					
bromodichloromethane	50	0.5	U	U	U	U	U	U					
bromoform	50	1	U	U	U	U	U	U					
carbon disulfide	1,000	0.5	U	U	U	U	U	U					
chlorobenzene	5*	0.5	**8.10**	**9.89**	**6.49**	**8.05**	**7.06**	**7.18**					
chloroethane	5*	1	0.650 F	0.670 F	0.610 F	0.720 F	0.700 F	0.720 F					
chloroform	7	0.3	U	U	U	U	U	U					
chloromethane	5*	1	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					
dichlorodifluoromethane	5*	1	1.06	0.740 F	0.760 F	0.670 F	1.29	0.280 F					
ethylbenzene	5*	1	U	U	U	U	U	U					
isopropylbenzene	5*	1	U	U	U	U	U	U					
methylene chloride	5*	1	0.120 F	U	U	U	U	U					
methyl iodide	5*	0.5	U	U	U	U	U	U					
n-propylbenzene	5*	1	U	U	U	U	U	U					
m,p-xylene	5*	2	U	U	U	U	U	U					
naphthalene	10	1	U	U	U	U	U	U					
o-xylene	5*	1	U	U	U	U	U	U					
p-isopropyltoluene	5*	1	U	U	U	U	U	U					
sec-butylbenzene	5*	1	U	U	U	U	U	U					
tetrachloroethene	5	1	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					
trichloroethene (TCE)	5*	1	U	U	0.180 F	U	U	0.160 F					
toluene	5*	1	0.150 F	0.180 F	0.130 F	0.180 F	0.130 F	0.150 F					
trichlorofluoromethane	5*	1	U	U	U	U	U	U					
vinyl chloride	2	1	1.22	0.840 F	0.940 F	0.800 F	0.870 F	0.970 F					
Total VOCs (µg/L)			**30.06**	**37.90**	**25.50**	**29.67**	**26.24**	**28.91**					
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

Location of Well	**NYSDEC Class GA Groundwater Standards**	**Reporting Limit**	**LF1MW-11**																	
Date of Collection			**4/3/2007**		**9/27/2007**		**4/1/2008**		**9/17/2008**	**4/17/2009**	**3/31/2010**									
Sample ID No.			**LF1M1111NA**		**LF1M1111OA**		**LF1M1111PA**		**LF1M1111QA**	**LF1M1111RA**	**LF1M1111SA**									
Depth to Water (ft)			**3.00**		**4.33**		**2.67**		**3.82**	**3.06**	**2.56**									
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	43 F	U	U	U	U	150 F	62 F	86 F									
antimony	3	50	U	1.6 F	U	U	U	U	U	U	U									
arsenic	25	30	7.4 F	13 F	9.1 F	8.5 F	6.4 F	7.9 F	9.6 F	8.6 F	8.9 F									
barium	1,000	50	160	170	140	140	140	140	140	160	170									
berylium	3	4	U	U	U	U	U	U	U	U	U									
boron	1,000	110	NA	NA	NA	NA	9.9	100	NA	NA	NA									
cadmium	5	5	U	U	U	U	U	U	U	U	U									
calcium	--	1,100	180,000	180,000	150,000	150,000	170,000	170,000	160,000	190,000	190,000									
chromium	50	10	1.5 F	U	U	1.9 F	U	U	U	U	U									
cobalt	--	60	9.1 F	8.4 F	7.2 F	7.9 F	U	7.3 F	U	9.7 F	7.1 F									
copper	200	10	U	U	U	U	U	U	U	U	U									
iron	300	200	**20,000**	**22,000**	**17,000**	**17,000**	**19,000**	**20,000**	**19,000**	**23,000**	**22,000**									
lead	25	25	U	U	U	U	U	U	U	4.2 F	U									
magnesium	35,000	1,000	15,000	15,000	11,000	12,000	14,000	14,000	12,000	15,000	15,000 B									
manganese	300	10	**3,000**	**3,000**	**1,800**	**1,800**	**2,700**	**2,700**	**2,200**	**3,000**	**3,100**									
molybdenum	--	15	U	U	U	U	U	U	U	U	U									
nickel	100	20	7.1 F	7.3 F	6.1 F	5.8 F	6.2 F	6.7 F	6.6 F	6.6 F	7.1 F									
potassium	--	1,000	5,700	5,700	5,300	5,400	4,900	5,000	5,400	5,400	5,500 B									
selenium	10	30	U	2.9 F	U	U	U	U	U	U	U									
silver	50	10	U	U	U	U	U	U	U	U	U									
sodium	20,000	1,000	11,000	11,000	9,800	10,000	11,000	11,000	11,000	11,000	11,000									
thallium	0.5	80	U	U	U	U	U	U	U	U	U									
vanadium	--	10	U	U	U	U	U	U	U	U	U									
zinc	2,000	20	8.2 F	9.1 F	5.5	3.3	11 F	11 F	14 F	U	8.5 BF									
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	520		460		530		490	510	560 B									
ammonia	2	0.2	**4**		**3.9**		**3.6**		**4.1**	**3.5**	**3.3**									
BOD5	--	2.4	14		6.8		14		12	14	19									
bromide	2	0.5	0.14		0.10		0.12		0.11	0.15	0.10									
COD	--	5	24 B		15		17		13	17	9.9 F									
chloride	250	1	13		9.2		9.7		7.9	10.0	8.2 B									
color	15	5	NA		NA		120		NA	U	U									
cyanide, Total	200	0.02	NA		NA		NA		NA	NA	NA									
hardness, Total	--	1	500		380		490		540	500	530 B									
nitrate	10	1	0.070 F		0.053 F		0.086 F		U	U	U									
TKN	1	1	**4.0**		**3.7**		**3.7**		**4.0**	**3.7**	**4.1**									
sulfate	250	1	2.8		2.9		2.1		0.94	0.83 F	0.43 BF									
TDS	500	10	**570**		**500**		**530**		340	**540**	**570**									
TOC	--	1	4.0		3.5		3.4		3.5	3.0	4.0									
phenolics, Total	--	0.005	NA		NA		NA		NA	NA	NA									

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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	
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	114 F	U	U	U	U	U	U	U	102 F	U	58.8 F	42.1 F	U	U	U	100 F
antimony	3	50	U	U	U	U	U	U	U	U	U	**4.1 F**	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	4.2 F
barium	1,000	50	7.6 F	7.3 F	8.3 F	9.5 F	8.8 F	9.6 F	9.9 F	14.3	20.6 F	11.7 F	11.8 F	11.8 F	9.2 F	8.4 F	2.5 F	29 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	11.6	NA	NA	NA	NA	8.9 F	NA	NA	NA	9.3 F	U	U	U	U	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	35,600	38,000	40,000	42,100	40,400	42,500	38,400	54,400	69,000	58,500	48,000	48,100	49,000	50,000	57,000	56,000
chromium	50	10	U	U	U	1 F	U	U	U	U	3.1 F	0.9 F	U	U	U	U	U	U
cobalt	--	60	U	U	U	U	U	U	U	U	0.9 F	U	U	U	U	U	U	U
copper	200	10	2.5 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	253	120 F	140 F	154 F	**1,180**	**490**	**1,070**	**703**	**9,430**	**1,470**	**994**	**1,050**	**690**	**810**	**7,000**	**10,000**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	3,750	3,920	4,040	4,360	4,170	4,400	4,080	5,650	7,500	6,280	5,340	5,330	5,600	5,600	6,500	6,500
manganese	300	10	40.8	16.3	52.5	89.3	58.7	274	**340**	241	**307**	65	231	253	92	93	720	970
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	1.7 F	2.3 F	2.4 F	U	U	U	U	U	1.4 F	1.2 F
potassium	--	1,000	872 F	710 F	836 F	972 F	848 F	727 F	705 F	898 F	958 F	725 F	818	768	750 F	710 F	910 F	930 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	6,300	5,660	6,160	6,570	6,010	6,210	5,460	5,980	6,010	5,390	5,180	5,120	4,200	4,300	11,000	15,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	7.1 F	U	U	U	U	U	U	U	6 F	U	20.5 B	22 B	U	U	16 F	19 F
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	
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	
phenolics, Total	--	0.005	U	U	U	U	U	U	U	U	U	U	NA		NA		NA	

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**							
Sample ID No.			**LF1M1212PA**	**LF1M1212QA**	**LF1M1212RA**	**LF1M1212SA**							
Depth to Water (ft)			**2.79**	**4.65**	**3.11**	**2.78**							
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U							
1,1-dichloroethane	5*	1	U	U	U	U							
1,2,3-trichlorobenzene	5	1	U	U	U	U							
1,2,4-trimethylbenzene	5*	1	U	U	U	U							
1,2-dichloroethane	0.6	1	U	U	U	U							
1,2-dichlorobenzene	3	1	U	U	U	U							
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U							
1,3,5-trimethylbenzene	5*	1	U	U	U	U							
1,3-dichlorobenzene	3	1	U	U	U	U							
1,4-dichlorobenzene	3	0.5	0.200 F	U	U	U							
acetone	50	10	U	U	U	2.47 F							
benzene	1	0.1	U	U	U	U							
bromodichloromethane	50	0.5	U	U	U	U							
bromoform	50	1	U	U	U	U							
carbon disulfide	1,000	0.5	U	U	U	U							
chlorobenzene	5*	0.5	U	U	U	U							
chloroethane	5*	1	U	U	U	U							
chloroform	7	0.3	U	U	U	U							
chloromethane	5*	1	U	U	U	U							
cis-1,2-dichloroethene	5*	1	U	U	U	U							
dichlorodifluoromethane	5*	1	U	U	U	U							
ethylbenzene	5*	1	U	U	U	U							
isopropylbenzene	5*	1	U	U	U	U							
methylene chloride	5*	1	U	U	U	U							
methyl iodide	5*	0.5	U	U	U	U							
n-propylbenzene	5*	1	U	U	U	U							
m,p-xylene	5*	2	U	U	U	U							
naphthalene	10	1	U	U	U	U							
o-xylene	5*	1	U	U	U	U							
p-isopropyltoluene	5*	1	U	U	U	U							
sec-butylbenzene	5*	1	U	U	U	U							
tetrachloroethene	5	1	U	U	U	U							
tert-butylbenzene	5*	1	U	U	U	U							
trichloroethene (TCE)	5*	1	0.510 F	0.700 F	0.490 F	0.500 F							
toluene	5*	1	U	U	U	U							
trichlorofluoromethane	5*	1	U	U	U	U							
vinyl chloride	2	1	U	U	U	U							
Total VOCs (µg/L)			**0.71**	**0.70**	**0.49**	**2.97**							
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**													
Sample ID No.			**LF1M1212PA**		**LF1M1212QA**	**LF1M1212RA**	**LF1M1212SA**													
Depth to Water (ft)			**2.79**		**4.65**	**3.11**	**2.78**													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	U													
antimony	3	50	U	U	U	U	U													
arsenic	25	30	U	U	U	U	U													
barium	1,000	50	9.5 F	9.5 F	12 F	9.9 F	7.5 F													
berylium	3	4	U	U	U	U	U													
boron	1,000	110	7.2 F	8.2 F	NA	NA	NA													
cadmium	5	5	U	U	U	U	U													
calcium	--	1,100	65,000	64,000	59,000	63,000	49,000 B													
chromium	50	10	U	U	U	U	U													
cobalt	--	60	U	U	U	U	U													
copper	200	10	U	2.8 F	U	U	U													
iron	300	200	**430**	**530**	**1,500**	**700**	**370**													
lead	25	25	U	U	U	U	U													
magnesium	35,000	1,000	7,400	7,400	6,400	7,200	5,400 B													
manganese	300	10	65	65	140	81	56													
molybdenum	--	15	U	U	U	U	U													
nickel	100	20	U	U	U	U	U													
potassium	--	1,000	710 F	710 F	930 F	750 F	420 BF													
selenium	10	30	U	U	U	U	U													
silver	50	10	U	U	U	U	U													
sodium	20,000	1,000	4,300	4,200	4,900 B	4,100	4,200 B													
thallium	0.5	80	U	U	U	U	U													
vanadium	--	10	U	U	U	U	U													
zinc	2,000	20	10 F	13 F	21 B	U	4.4 BF													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	200		170	180	120 B													
ammonia	2	0.2	0.13		0.11 B	0.032 F	0.027 F													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	0.035 F		0.040 F	0.027 F	U													
COD	--	5	U		U	3.7 F	U													
chloride	250	1	6.3		5.5	5.3	10 B													
color	15	5	U		NA	U	U													
cyanide, Total	200	0.02	NA		NA	NA	NA													
hardness, Total	--	1	200		170	170	140 B													
nitrate	10	1	U		U	U	0.026 BF													
TKN	1	1	U		0.27 B	U	0.18 F													
sulfate	250	1	4.3		4.3	3.8	5.8 B													
TDS	500	10	210		160	98	160													
TOC	--	1	0.47 F		0.53 F	U	1.7													
phenolics, Total	--	0.005	NA		NA	NA	NA													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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	
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	764	**4,250**	90	73.2 F	81.7 F	544	102 F	U	579	341	52.9 F	104 F	U	210	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	7.3 F	U	7.7 F	5.6 F	U	5.1 F	U	6.8 F	5.6 F	U	9.56 F	U	14 F	U	7.0 F
barium	1,000	50	83.8	97.8	79	58.2	84	81.2	70.1	63.4	74	72.9	60.7	65.7	71	79	59	60
berylium	3	4	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	83.3	NA	NA	NA	NA	70.8	NA	NA	NA	71.6	U	U	U	U	NA	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	1.2 F	U	NA
calcium	--	1,100	82,800	81,800	75,200	60,400	79,000	79,100	65,900	76,000	72,000	74,700 M	59,600	58,900	75,000	76,000	60,000	58,000
chromium	50	10	1.3 F	5.6 F	U	2.4 F	U	U	U	U	2.5 F	1.2 F	U	U	U	6.5 F	U	U
cobalt	--	60	4.3 F	5.2 F	3 F	2.9 F	1.4 F	3 F	2.1 F	1.8 F	1.3 F	2.3 F	U	U	U	U	U	U
copper	200	10	3 F	11.6	5.8 F	U	U	U	U	U	3.1 F	2.2 F	U	U	U	U	U	U
iron	300	200	**23,900**	**33,300**	**26,400**	**23,000**	**19,000**	**18,300 M**	**21,900**	**4,400 M**	**16,200**	**17,100**	**18,200**	**23,200**	**12,000**	**32,000**	**20,000**	**22,000**
lead	25	25	U	4.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	10,500	10,900	9,680	7,370 M	9,610	9,440	7,900	9,190	8,920	9,150	7,430	7,340	9,200	9,400	7,400	7,200
manganese	300	10	**3,200**	**2,920**	**2,690**	**2,440**	**1,960**	**2,520**	**2,040**	**1,990**	**1,890**	**2,200 M**	**1,800**	**1,770**	**1,600**	**1,700**	**2,000**	**1,900**
molybdenum	--	15	U	U	U	U	U	U	U	U	U	1.9 F	U	U	U	U	U	U
nickel	100	20	8.0 F	11.2 F	2.7 F	3.5 F	2 F	2.9 F	2.9 F	2 F	U	1.7 F	U	U	1.5 F	2.3 F	U	U
potassium	--	1,000	1,360	2,350	972 F	798 F	1,040	1,110	826 F	874 F	1,060	916 F	699	684 F	900 F	1,100	760 F	760 F
selenium	10	30	U	U	U	U	U	U	U	U	U	6.8 F	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	18,700	18,900	17,900	15,500 M	19,400	18,400	16,300	17,700	18,100	18,700	16,100	16,400	18,000	18,000	16,000	15,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	1.9 F	8 F	U	U	U	0.9 F	U	U	1.4 F	U	U	U	U	U	U	U
zinc	2,000	20	4.4 F	17.1 F	6.9 F	20.2	U	3.2 F	U	U	4.5 F	3.6 F	18.8 F	39.5 B	U	U	5.0 F	U
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	
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	
phenolics, Total	--	0.005	U	0.0078 F	UM	U	U	U	U	U	U	U	NA		NA		NA	

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**							
Sample ID No.			**LF1M1316PA**	**LF1M1316QA**	**LF1M1316RA**	**LF1M1316SA**							
Depth to Water (ft)			**4.65**	**8.59**	**6.33**	**5.85**							
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U							
1,1-dichloroethane	5*	1	U	U	U	U							
1,2,3-trichlorobenzene	5	1	U	U	U	U							
1,2,4-trimethylbenzene	5*	1	U	U	U	U							
1,2-dichloroethane	0.6	1	U	U	U	U							
1,2-dichlorobenzene	3	1	U	U	U	U							
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U							
1,3,5-trimethylbenzene	5*	1	U	U	U	U							
1,3-dichlorobenzene	3	1	U	U	U	U							
1,4-dichlorobenzene	3	0.5	0.180 F	U	U	U							
acetone	50	10	U	U	U	1.31♦							
benzene	1	0.1	U	U	U	U							
bromodichloromethane	50	0.5	U	U	U	U							
bromoform	50	1	U	U	U	U							
carbon disulfide	1,000	0.5	U	U	U	U							
chlorobenzene	5*	0.5	U	U	U	U							
chloroethane	5*	1	U	U	U	U							
chloroform	7	0.3	U	U	U	U							
chloromethane	5*	1	U	U	U	U							
cis-1,2-dichloroethene	5*	1	U	U	U	U							
dichlorodifluoromethane	5*	1	U	U	U	U							
ethylbenzene	5*	1	U	U	U	U							
isopropylbenzene	5*	1	U	U	U	U							
methylene chloride	5*	1	U	U	U	U							
methyl iodide	5*	0.5	U	U	U	U							
n-propylbenzene	5*	1	U	U	U	U							
m,p-xylene	5*	2	U	U	U	U							
naphthalene	10	1	U	U	U	U							
o-xylene	5*	1	U	U	U	U							
p-isopropyltoluene	5*	1	U	U	U	U							
sec-butylbenzene	5*	1	U	U	U	U							
tetrachloroethene	5	1	U	U	U	U							
tert-butylbenzene	5*	1	U	U	U	U							
trichloroethene (TCE)	5*	1	U	U	U	U							
toluene	5*	1	U	U	U	U							
trichlorofluoromethane	5*	1	U	U	U	U							
vinyl chloride	2	1	1.48	1.25	1.16♦	1.27							
Total VOCs (µg/L)			**1.66**	**1.25**	**1.16**	**2.58**							
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**													
Sample ID No.			**LF1M1316PA**		**LF1M1316QA**	**LF1M1316RA**	**LF1M1316SA**													
Depth to Water (ft)			**4.65**		**8.59**	**6.33**	**5.85**													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	110 F	75 F	U	U													
antimony	3	50	U	U	U	U	U													
arsenic	25	30	U	U	6.6 F	U	U													
barium	1,000	50	68	70♦	64	71	70♦													
berylium	3	4	U	U	U	U	U													
boron	1,000	110	82	84♦	NA	NA	NA													
cadmium	5	5	U	U	U	U	U													
calcium	--	1,100	72,000	73,000♦	60,000	71,000	71,000♦													
chromium	50	10	U	U	U	U	U													
cobalt	--	60	U	U	U	U	U													
copper	200	10	U	U	U	U	U													
iron	300	200	**13,000**	**15,000**	**24,000**	**18,000**	**18,000**													
lead	25	25	U	U	U	U	U													
magnesium	35,000	1,000	9,000	9,100♦	7,400	8,700	8,600♦													
manganese	300	10	**1,600**	**1,600**	**1,800**	**1,800**	**1,900♦**													
molybdenum	--	15	U	U	U	U	U													
nickel	100	20	U	U	1.2 F	U	U													
potassium	--	1,000	800 F	860 F	730 F	830 F	770 F♦													
selenium	10	30	U	U	U	U	U													
silver	50	10	U	U	U	U	U													
sodium	20,000	1,000	18,000	17,000	15,000	16,000	15,000♦													
thallium	0.5	80	U	U	U	U	U													
vanadium	--	10	U	U	U	U	U													
zinc	2,000	20	11 F♦	10 F	14 F	U	7.4 F													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	230		190	220♦	210													
ammonia	2	0.2	0.17		0.34	0.17	0.16♦													
BOD5	--	2.4	U		2.3	U	U													
bromide	2	0.5	0.078 F♦		0.075 F	0.089 F♦	0.078 F♦													
COD	--	5	15♦		8.2 F	13	12♦													
chloride	250	1	14		14	15	13													
color	15	5	**100**		NA	**45**	U													
cyanide, Total	200	0.02	NA		NA	NA	NA													
hardness, Total	--	1	230		200	200	210♦													
nitrate	10	1	0.016 F		U	0.025 F	0.015 F													
TKN	1	1	0.2		0.49 B	0.18 F♦	0.54 B♦													
sulfate	250	1	5.2		5.8	5.7	6.0													
TDS	500	10	370 J♦		210	240	250													
TOC	--	1	2.1 J♦		2.0	1.5	2.0♦													
phenolics, Total	--	0.005	NA		NA	NA	NA													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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
Sample ID No.			LF1M1413EA	LF1M1413FA	LF1M1413GA	LF1M1413HA	LF1M1414IA	LF1M1414JA	LF1M1410LA	LF1M1414NA	LF1M1413OA	LF1M1414PA	LF1M1412QA	LF1M1412RA	LF1M1414SA
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
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	0.28 F	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	1.45
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	0.250 F	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	0.21 F	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**	**0.49**	**0**	**0**	**0**	**0**	**0**	**0.25**	**0**	**0**	**0**	**1.45**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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
Sample ID No.			LF1M1413EA	LF1M1413FA	LF1M1413GA	LF1M1413HA	LF1M1414IA	LF1M1414JA	LF1M1410LA		LF1M1414NA		LF1M1413OA		LF1M1414PA		LF1M1412QA		LF1M1412RA	LF1M1414SA
Depth to Water (ft)			6.91	5.87	10.67	12.88	8.41	6.64	10.42		5.90		13.34		5.37		11.90		7.41	6.85
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	1,100	405	531	65,300	1,390	156 F	73.9	**7,310**	U	450	U	**58,000**	U	700	U	**17,000**	83 F	72 F
antimony	3	50	U	U	U	U	3.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	22.5 F	U	U	U	U	U	U	U	23 F	U	U	U	5.7 F	U	U
barium	1,000	50	15.4 F	10.2 F	11.3 F	287	14.6 F	7.7 F	9.73 F	38.3 F	66 F	8.9 F	11 F	230	7.2 F	9.1 F	9.7 F	74	11 F	10 F
berylium	3	4	U	U	U	**3.4 F**	U	U	U	U	U	U	U	2.6 F	U	U	U	0.69 F	U	U
boron	1,000	110	U	6.8 F	NA	NA	NA	5.4 F	U	U	U	U	NA	NA	5.0 F	6.1 F	NA	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	15,600	15,200	19,200	30,100	15,800	14,200	20,300	21,100	15,000	16,000	28,000	32,000	16,000	16,000	20,000	22,000	15,000	19,000
chromium	50	10	1.4 F	1.5 F	1.8 F	**150**	4 F	1.7 F	U	**50.3**	U	13	U	**150**	U	6.3 F	U	**100**	3.1 F	U
cobalt	--	60	U	U	U	47.7 F	U	U	U	U	U	U	U	38 F	U	U	U	6.2 F	U	U
copper	200	10	7 F	8.2 F	1.8 F	165	3.3 F	2 F	U	19.3	U	4.0 F	U	120	U	3.7 F	U	39	U	U
iron	300	200	**994**	**313**	**575**	**122,000**	**1,070**	134 F	30.8 F	**9,760**	7.1 F	**390**	6.3 F	**96,000**	19 F	**440**	U	**23,000**	100 F	240
lead	25	25	U	U	U	**51**	U	U	U	U	U	U	U	**37**	U	U	U	10 F	U	U
magnesium	35,000	1,000	3,140	3,020	3,840	26,500	3,130	2,650	3,730	5,690	2,900	3,100	4,700	22,000	2,600	2,700	3,800	8,100	2,900	3,500
manganese	300	10	61.5	14.1	33.3	**2,130**	22.2	3.2 F	11.1	145	7.8 F	13	**580**	**2800**	2.5 F	8.4 F	4.8 F	**480**	3.8 F	13
molybdenum	--	15	U	U	U	3.3 F	U	U	U	U	U	U	U	4.8 F	U	U	U	U	U	U
nickel	100	20	2.7 F	2.9 F	2.4 F	**228**	3.6 F	1.8 F	1.26 F	30.6	1.2 F	6.4 F	3.2 F	**130**	U	5.3 F	1.5 F	64	3.1 F	2.4 F
potassium	--	1,000	863 F	628	725 F	6,820	967 F	445 F	623 F	2,390	410 F	570 F	1,100	9,100	730	840 F	670 F	4,500	590 F	500 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	5,000	4,620	6,270	6,660	4,550	4,280	5,540	5,680	4,500	4,400	6,500	5,900	3,700	3,700	4,800	5,100 B	3,200	4,300
thallium	0.5	80	U	U	U	**7.6 F**	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	1.9 F	0.9 F	U	98.4	2.5 F	U	U	13.4	U	1.3 F	U	97	U	U	U	29	U	U
zinc	2,000	20	6 F	3.9 F	5.1 F	252	22.5	3.8 F	27.9 B	42.7 B	6.4 F	7.3 F	37 B	270	12 F	15 F	15 F	59 B	5.8 F	9.6 F
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
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
BOD5	--	2.4	U	U	U	U	U	U	U		U		NA		U		U		U	U
bromide	2	0.5	U	U	U	U	U	0.52	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
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
color	15	5	NA	**25**	NA	NA	NA	10	NA		NA		NA		U		NA		U	U
cyanide, Total	200	0.02	NA	U	NA	NA	NA	U	NA		NA		NA		NA		NA		NA	NA
hardness, Total	--	1	72	58	84	105	88	21.3	76 B		56		80		48		92		50	63
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
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
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
TDS	500	10	107	778	121	140	99	95	98		68		150		67		47		66	74
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
phenolics, Total	--	0.005	U	U	U	U	U	U	NA		NA		NA		NA		NA		NA	NA

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**				
Sample ID No.			**LF1M01R11AA**	**LF1M01R11FA**	**LF1M01R11JA**	**LF1M01R11NA**	**LF1M01R11PA**	**LF1M01R11RA**	**LF1M01R11SA**				
Depth to Water (ft)			**4.30**	**3.99**	**3.14**	**4.09**	**3.75**	**4.15**	**4.18**				
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	U				
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U				
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U	U				
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U	U				
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U				
1,2-dichlorobenzene	3	1	U	U	U	U	U	U	U				
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U	U				
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U	U				
1,3-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	U	U	U	U	U	U	1.63 F				
benzene	1	0.1	U	U	U	U	U	U	U				
bromodichloromethane	50	0.5	U	U	U	U	U	U	U				
bromoform	50	1	U	U	U	U	U	U	U				
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U				
chlorobenzene	5*	0.5	U	U	U	U	U	U	U				
chloroethane	5*	1	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				
ethylbenzene	5*	1	U	U	U	U	U	U	U				
isopropylbenzene	5*	1	U	U	U	U	U	U	U				
methylene chloride	5*	1	U	U	U	U	U	U	U				
methyl iodide	5*	0.5	U	U	U	U	U	U	U				
n-propylbenzene	5*	1	U	U	U	U	U	U	U				
m,p-xylene	5*	2	U	U	U	U	U	U	U				
naphthalene	10	1	U	U	U	U	U	U	U				
o-xylene	5*	1	U	U	U	U	U	U	U				
p-isopropyltoluene	5*	1	U	U	U	U	U	U	U				
sec-butylbenzene	5*	1	U	U	U	U	U	U	U				
tetrachloroethene	5	1	U	U	U	U	U	U	U				
tert-butylbenzene	5*	1	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				
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U				
vinyl chloride	2	1	U	U	U	U	U	U	U				
Total VOCs (µg/L)			**0**	**0**	**0**	**0**	**0**	**0**	**1.63**				
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**							
Sample ID No.			**LF1M01R11AA**	**LF1M01R11FA**	**LF1M01R11JA**	**LF1M01R11NA**		**LF1M01R11PA**		**LF1M01R11RA**	**LF1M01R11SA**							
Depth to Water (ft)			**4.30**	**3.99**	**3.14**	**4.09**		**3.75**		**4.15**	**4.18**							
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	1,780	1,300	1,980	100 F	1,600	110 F	1,800	2,000	240							
antimony	3	50	U	U	U	U	U	U	U	U	U							
arsenic	25	30	U	U	U	U	U	U	7.3 F	5.3 F	U							
barium	1,000	50	36.9 F	23.4 F	17.8	12 F	15 F	8.3 F	14 F	17 F	11 F							
berylium	3	4	0.3 F	0.3 F	U	U	U	U	0.23 F	0.26 F	U							
boron	1,000	110	15.9	6.1 F	9.4 F	U	U	5.2 F	8.8 F	NA	NA							
cadmium	5	5	U	U	U	U	U	U	U	U	U							
calcium	--	1,100	24,400	25,500	17,700	17,000	17,000	14,000	15,000	11,000	12,000							
chromium	50	10	1.6 F	2.2 F	3.3 F	1.5 F	4.8 F	U	3.1 F	4.8 F	U							
cobalt	--	60	U	0.9 F	1.1 F	U	U	U	U	U	U							
copper	200	10	2.8 F	3.9 F	6 F	U	6.5 F	U	5.0 F	5.8 F	U							
iron	300	200	**7,820**	**9,020**	**7,520**	**6,500**	**9,900**	**4,000**	**13,000**	**14,000**	**6,900**							
lead	25	25	U	U	U	U	U	U	4.4 F	U	U							
magnesium	35,000	1,000	3,380 B	2,330	2,690	3,000	3,000	2,300	2,400	2,400	2,300							
manganese	300	10	232	174	190	190	200	190	190	220	210							
molybdenum	--	15	U	U	1.9 F	U	U	U	U	U	U							
nickel	100	20	U	1.5 F	2 F	1.4 F	2.0 F	U	1.8 F	3.0 F	U							
potassium	--	1,000	1,830 B	1,120	874 F	490 F	680 F	240 F	640 F	640 F	290 F							
selenium	10	30	U	U	U	U	U	U	U	U	U							
silver	50	10	U	U	U	U	U	U	U	U	U							
sodium	20,000	1,000	8,650 B	4,760	4,340	4,000	3,900	3,200	3000 B	3,200	3,800							
thallium	0.5	80	U	U	U	U	U	U	U	U	U							
vanadium	--	10	3.3 F	5.3 F	5.9 F	0.90 F	8.1 F	1.4 F	23	18	U							
zinc	2,000	20	7.5 F	4.6 F	6.9 F	U	U	12 F	14 F	61	6.1 F							
Leachate Indicators (mg/L)																		
alkalinity, Total	--	10	43.8 B	44.3	47.3	34		36		30	40							
ammonia	2	0.2	U	0.076	0.061	0.080		0.037 F		0.07	0.046 F							
BOD5	--	2.4	U	U	U	U		U		U	U							
bromide	2	0.5	U	0.32 F	0.49 F	0.033 F		0.028 F		0.014 F	U							
COD	--	5	U	19.2	13.2	19 B		20		17	6.5 F							
chloride	250	1	33 B	40.4	13.7	9.4		7.0		6.3	7.3							
color	15	5	**80**	**40**	**80**	NA		**80**		**50**	U							
cyanide, Total	200	0.02	0.034 B	U	U	NA		NA		NA	NA							
hardness, Total	--	1	150 B	76	44.8	60		48		44	38							
nitrate	10	1	U	U	U	U		U		0.021 F	0.013 F							
TKN	1	1	0.54	U	0.063 F	0.24		0.15 F		0.32	0.30 B							
sulfate	250	1	9.9 B	6.7	7.8	11		9.0		9.9	8.7							
TDS	500	10	130 B	147	141	86		75		81	76							
TOC	--	1	2.1	4.8	4.2	5.1		7.1		8.0	2.6							
phenolics, Total	--	0.005	U	U	U	NA		NA		NA	NA							

Landfill 1 AOC

Groundwater Analytical Results (continued)

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	3/17/2005	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**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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	3/17/2005	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	
Metals (µg/L) [Dissolved / Total][1]																	
aluminum	2,000	200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**6,400**	NS	**12,000**
antimony	3	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	NS	U
arsenic	25	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	NS	10 F
barium	1,000	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	640	NS	310
berylium	3	4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.20 F	NS	0.43 F
boron	1,000	110	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NS	530
cadmium	5	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	NS	U
calcium	--	1,100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	15,000	NS	5,500
chromium	50	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	30	NS	71
cobalt	--	60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	NS	U
copper	200	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	46	NS	64
iron	300	200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**9,300**	NS	**10,000**
lead	25	25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.4 F	NS	6.1 F
magnesium	35,000	1,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4,800	NS	3,000
manganese	300	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	250	NS	170
molybdenum	--	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	63	NS	77
nickel	100	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	25	NS	25
potassium	--	1,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	14,000	NS	9,300
selenium	10	30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.7 F	NS	4.1 F
silver	50	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	NS	U
sodium	20,000	1,000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**770,000**	NS	**430,000**
thallium	0.5	80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	U	NS	U
vanadium	--	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	12	NS	22
zinc	2,000	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	34 B	NS	44
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	
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	
phenolics, Total	--	0.005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA		NA	

Landfill 1 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-103										
Date of Collection			**9/18/2008**	**4/21/2009**	**3/31/2010**								
Sample ID No.			**LF1M10333QA**	**LF1M10333RA**	**LF1M10317SA**								
Depth to Water (ft)			**17.51**	**14.10**	**16.60**								
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U								
1,1-dichloroethane	5*	1	U	U	U								
1,2,3-trichlorobenzene	5	1	U	U	U								
1,2,4-trimethylbenzene	5*	1	U	U	U								
1,2-dichloroethane	0.6	1	U	U	U								
1,2-dichlorobenzene	3	1	U	U	U								
1,2-dibromo-3-chloropropane	0.04	2	U	U	U								
1,3,5-trimethylbenzene	5*	1	U	U	U								
1,3-dichlorobenzene	3	1	U	U	U								
1,4-dichlorobenzene	3	0.5	U	U	U								
acetone	50	10	13.6	18.0	13.5								
benzene	1	0.1	U	U	U								
bromodichloromethane	50	0.5	U	U	U								
bromoform	50	1	U	U	U								
carbon disulfide	1,000	0.5	U	U	U								
chlorobenzene	5*	0.5	U	U	U								
chloroethane	5*	1	U	U	U								
chloroform	7	0.3	U	U	U								
chloromethane	5*	1	U	U	U								
cis-1,2-dichloroethene	5*	1	U	U	U								
dichlorodifluoromethane	5*	1	U	U	U								
ethylbenzene	5*	1	U	U	U								
isopropylbenzene	5*	1	U	U	U								
methylene chloride	5*	1	U	U	U								
methyl iodide	5*	0.5	U	U	U								
n-propylbenzene	5*	1	U	U	U								
m,p-xylene	5*	2	U	U	U								
naphthalene	10	1	U	U	U								
o-xylene	5*	1	U	U	U								
p-isopropyltoluene	5*	1	U	U	U								
sec-butylbenzene	5*	1	U	U	U								
tetrachloroethene	5	1	U	U	U								
tert-butylbenzene	5*	1	U	U	U								
trichloroethene (TCE)	5*	1	U	U	U								
toluene	5*	1	U	U	U								
trichlorofluoromethane	5*	1	U	U	U								
vinyl chloride	2	1	U	U	U								
Total VOCs (µg/L)			**13.60**	**18.0**	**13.5**								
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF1MW-103																			
Date of Collection			**9/18/2008**		**4/21/2009**		**3/31/2010**															
Sample ID No.			**LF1M10333QA**		**LF1M10333RA**		**LF1M10317SA**															
Depth to Water (ft)			**17.51**		**14.10**		**16.60**															
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	NS	**7,700**	**4,900**		**2,500**	**11,000**														
antimony	3	50	NS	2.8 F	U		U	U														
arsenic	25	30	NS	**29 F**	18 F		13 F	14 F														
barium	1,000	50	NS	58	38 F		11 F	85														
berylium	3	4	NS	0.26 F	U		U	U														
boron	1,000	110	NS	NA	NA		NA	NA														
cadmium	5	5	NS	U	U		U	U														
calcium	--	1,100	NS	4,300	5,800		5,500	10,000 B														
chromium	50	10	NS	30	13		20	**52**														
cobalt	--	60	NS	U	U		U	U														
copper	200	10	NS	98	61		33	63														
iron	300	200	NS	**4,500**	**2,500**		U	**8,500**														
lead	25	25	NS	U	U		U	6.6 F														
magnesium	35,000	1,000	NS	930 F	560 F		U	1,800 B														
manganese	300	10	NS	82	53		U	220														
molybdenum	--	15	NS	72	57		44	48														
nickel	100	20	NS	17 F	8.9 F		2.8 F	25														
potassium	--	1,000	NS	4,100	3,300		3,600	5,200 B														
selenium	10	30	NS	5.3 F	U		U	U														
silver	50	10	NS	U	U		U	U														
sodium	20,000	1,000	NS	**180,000**	**160,000**		**180,000**	**180,000**														
thallium	0.5	80	NS	U	U		U	U														
vanadium	--	10	NS	63	38		17	30														
zinc	2,000	20	NS	38 B	10 F		9.1 F	32 B														
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	310		350		460															
ammonia	2	0.2	NS		**21**		**25**															
BOD5	--	2.4	NS		NA		NA															
bromide	2	0.5	NS		0.12		0.10															
COD	--	5	NS		37		12															
chloride	250	1	NA		4.9		4.3 B															
color	15	5	NA		10		U															
cyanide, Total	200	0.02	NA		NA		NA															
hardness, Total	--	1	32		18		32 B															
nitrate	10	1	NS		5.9		2.1 B															
TKN	1	1	NS		**21**		**30**															
sulfate	250	1	NS		27		18 B															
TDS	500	10	NS		440		420															
TOC	--	1	NS		4.2		2.9															
phenolics, Total	--	0.005	NA		NA		NA															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**
Sample ID No.			**LF1P0213IA**	**LF1P0213JA**	**LF1P0213KA**	**LF1P0213LA**	**LF1P0213MA**	**LF1P0213NA**	**LF1P0213OA**	**LF1P0213PA**	**LF1P0213QA**	**LF1P0213RA**	**LF1P0213SA**
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**
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	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
1,2,3-trichlorobenzene	5	1	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
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	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
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	UJ	U	U	U	U	U	U
1,3,5-trimethylbenzene	5*	1	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
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
acetone	50	10	U	U	U	2.86 F	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
bromodichloromethane	50	0.5	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
carbon disulfide	1,000	0.5	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
chloroethane	5*	1	U	U	0.25 F	0.2 F	0.300 F	0.220 F	U	U	U	U	0.340 F
chloroform	7	0.3	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
cis-1,2-dichloroethene	5*	1	U	U	U	U	0.120 F	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
ethylbenzene	5*	1	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
methylene chloride	5*	1	U	U	U	0.13 F	U	0.100 F	U	U	U	U	U
methyl iodide	5*	0.5	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
m,p-xylene	5*	2	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
o-xylene	5*	1	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
sec-butylbenzene	5*	1	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
tert-butylbenzene	5*	1	U	U	U	U	U	U	U	U	U	U	0.120 F
trichloroethene (TCE)	5*	1	U	U	U	U	0.190 F	U	U	0.110 F	U	U	U
toluene	5*	1	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
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
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**
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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
Sample ID No.			LF1P0213IA	LF1P0213JA	LF1P0213KA		LF1P0213LA		LF1P0213MA		LF1P0213NA		LF1P0213OA		LF1P0213PA		LF1P0213QA	LF1P0213RA	LF1P0213SA
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
Metals (µg/L) [Dissolved / Total][1]																			
aluminum	2,000	200	U	41.4 F	U	U	54.1 F	46.1 F	U	U	U	U	U	U	U	U	U	U	1,500
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	4.3 F	U	4.1 F	U	U	U	U	U	U	U
barium	1,000	50	91.4	103	87.7	114	117	116	130	130	130	130	110	120	120	120	120	130	140
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	NA	78	94	95.6	NA	NA	NA	NA	U	U	NA	NA	86	89	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	0	U	U	U	U	U
calcium	--	1,100	130,000	136,000	140,000	149,000	144,000	143,000	160,000	160,000	160,000	160,000	140,000	150,000	140,000	140,000	140,000	150,000	160,000
chromium	50	10	U	U	U	U	U	U	U	1.6 F	1.9 F	U	1.6 F	1.6 F	U	U	U	U	U
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	**7,060**	**8,410**	**1,980**	**10,200**	**11,300**	**11,100**	**13,000**	**13,000**	**13,000**	**13,000**	**11,000**	**12,000**	**12,000**	**12,000**	**12,000**	**13,000**	**16,000**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	11,700	12,600	12,600	13,400	12,700	12,600	14,000	14,000	14,000	14,000	13,000	14,000	14,000	14,000	14,000	14,000	15,000
manganese	300	10	**990**	**981**	**1,020**	**1,070**	**960**	**957**	**990**	**980**	**940**	**950**	**810**	**820**	**830**	**820**	**790**	**910**	**1,000**
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	2.1 F	U	U	U	U	U	1.5 F	1.7 F	1.3 F	U	U	U	U	U	U	U	2.7 F
potassium	--	1,000	4,580	4,310	4,820	5,080	5,120	5,050	5,400	5,500	5,100	5,200	5,000	5,100	4,800	4,700	5,000	4,600	5,600
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	8,160	9,760	12,000	13,000	15,100	15,000	14,000	14,000	13,000	14,000	15,000	15,000	12,000	11,000	12,000	14,000	15,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.0 F
zinc	2,000	20	4.1 F	2.8 F	U	U	23.4 B	U	U	6.5 F	U	U	U	U	11 F	12 F	13 F	68	71
Leachate Indicators (mg/L)																			
alkalinity, Total	--	10	389	418	446		450		460		440		440		450		440	430	480
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
BOD5	--	2.4	2.1	U	4.6		11		6.0		13.0		8.1		U		6.0	3.5	U
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
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
chloride	250	1	7.4	9.5	11.5		15		11		8.7		12		6.7		11	9	12
color	15	5	NA	**140**	NA		NA		NA		NA		NA		**60**		NA	**40**	U
cyanide, Total	200	0.02	NA	U	NA		NA		NA		NA		NA		NA		NA	NA	NA
hardness, Total	--	1	430 B	314	438		460		430		470		390		430		480	440	460
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
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**
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
TDS	500	10	380	456	471		490		500		490		480		460		340	470	460
TOC	--	1	U	1.7	2.7		2.8		3.0		2.4		3.7		2.3		2.2	3.1	2.3
phenolics, Total	--	0.005	U	U	NA		NA		NA		NA		NA		NA		NA	NA	NA

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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		9/27/2007	
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	
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	U	245	U	U	U	U	U	U	U	U	52.7 F	49.4 F	U	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	1.83 F	1.93 F	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	74	77.7	79.4	75.6	70.3	68.6	69.6	70.6	67.9	67.7	68.2 F	65.9 F	69	69	69	72
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	86.9	NA	NA	NA	NA	83.3	NA	NA	NA	79.6	U	U	U	U	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.8 F
calcium	--	1,100	103, 000	111,000	113,000	109,000	103,000	99,600	100,000	101,000	96,700	97,900	95,900	92,900	100,000	100,000	100,000	100,000
chromium	50	10	U	U	U	U	U	U	U	U	U	U	U	1.78 F	3.9 F	2.4 F	3.3 F	3.2 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	U	3.9 F	2.8 F	1.6 F	2 F	U	U	U	U	U	U	U	U	U	U
iron	300	200	44.5 F	208	80.4 F	43.5 F	26.7 F	34.7 F	39.9	26.1 F	23.1 F	27 F	22.3 F	26.2 F	26 F	41 F	3.1 F	3.3 F
lead	25	25	U	U	U	U	U	U	U	18,400	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	19,700	20,900	21,000	21,800	19,700	19,000	18,200	18,400	17,900	17,700	17,600	17,000	18,000	18,000	18,000	18,000
manganese	300	10	89.2	87.1	100	100	91.7	U	84.9	88.4	79.1	79.7	79	73.2	74	77	79	82
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	1.5 F	1.9 F	U	U	U	U	U	1.5 F	U	U
potassium	--	1,000	3,030	2,920	3,080	3,110	2,940	2,830	2,770	2,660	2,640	2,430	2,460	2,380	2,700	2,600	2,700	2,800
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	16,100	15,900	16,100	15,800	14,800	13,900	14,300	14,900	16,100	16,100	15,400	14,800	16,000	16,000	16,000	16,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	U	11.3 F	U	U	U	U	U	U	4 F	U	26.4 B	47.6 B	U	U	U	U
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	
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	
phenolics, Total	--	0.005	0.011	U	U	U	U	0.0050 F	U	U	U	U	NA		NA		NA	

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**							
Sample ID No.			**LF1P0317PA**	**LF1P0317QA**	**LF1P0317RA**	**LF1P0317SA**							
Depth to Water (ft)			**2.68**	**4.67**	**3.13**	**3.78**							
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U							
1,1-dichloroethane	5*	1	U	U	U	U							
1,2,3-trichlorobenzene	5	1	U	U	U	U							
1,2,4-trimethylbenzene	5*	1	U	U	U	U							
1,2-dichloroethane	0.6	1	U	U	U	U							
1,2-dichlorobenzene	3	1	U	U	U	U							
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U							
1,3,5-trimethylbenzene	5*	1	U	U	U	U							
1,3-dichlorobenzene	3	1	U	U	U	U							
1,4-dichlorobenzene	3	0.5	U	U	U	U							
acetone	50	10	U	U	U	U							
benzene	1	0.1	U	U	U	U							
bromodichloromethane	50	0.5	U	U	U	U							
bromoform	50	1	U	U	U	U							
carbon disulfide	1,000	0.5	U	U	U	U							
chlorobenzene	5*	0.5	U	U	U	U							
chloroethane	5*	1	U	U	U	U							
chloroform	7	0.3	U	U	U	U							
chloromethane	5*	1	U	U	U	U							
cis-1,2-dichloroethene	5*	1	U	U	U	U							
dichlorodifluoromethane	5*	1	U	U	U	U							
ethylbenzene	5*	1	U	U	U	U							
isopropylbenzene	5*	1	U	U	U	U							
methylene chloride	5*	1	U	U	U	U							
methyl iodide	5*	0.5	U	U	U	U							
n-propylbenzene	5*	1	U	U	U	U							
m,p-xylene	5*	2	U	U	U	U							
naphthalene	10	1	U	U	U	U							
o-xylene	5*	1	U	U	U	U							
p-isopropyltoluene	5*	1	U	U	U	U							
sec-butylbenzene	5*	1	U	U	U	U							
tetrachloroethene	5	1	U	U	U	U							
tert-butylbenzene	5*	1	U	U	U	U							
trichloroethene (TCE)	5*	1	U	U	U	U							
toluene	5*	1	U	U	U	U							
trichlorofluoromethane	5*	1	U	U	U	U							
vinyl chloride	2	1	U	U	U	U							
Total VOCs (µg/L)			**0**	**0**	**0**	**0**							
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**													
Sample ID No.			**LF1P0317PA**		**LF1P0317QA**	**LF1P0317RA**	**LF1P0317SA**													
Depth to Water (ft)			**2.68**		**4.67**	**3.13**	**3.78**													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	43 F													
antimony	3	50	U	U	U	U	U													
arsenic	25	30	U	U	U	U	U													
barium	1,000	50	67	67	70	72	77													
berylium	3	4	U	U	U	U	U													
boron	1,000	110	82	84	NA	NA	NA													
cadmium	5	5	U	U	U	U	U													
calcium	--	1,100	97,000	99,000	100,000	100,000	110,000 B													
chromium	50	10	U	2.5 F	1.9 F	3.1 F	U													
cobalt	--	60	U	U	U	U	U													
copper	200	10	U	U	U	U	U													
iron	300	200	18 F	36 F	29 F	60 F	72 F													
lead	25	25	U	U	U	U	U													
magnesium	35,000	1,000	18,000	18,000	18,000	19,000	19,000 B													
manganese	300	10	81	81	79	160	93													
molybdenum	--	15	U	U	U	U	U													
nickel	100	20	U	U	U	4.8 F	U													
potassium	--	1,000	2,500	2,500	2,600	2,500	2,900 B													
selenium	10	30	U	U	U	U	U													
silver	50	10	U	U	U	U	U													
sodium	20,000	1,000	17,000	17,000	16,000	17,000	16,000 B													
thallium	0.5	80	U	U	U	U	U													
vanadium	--	10	U	U	U	U	U													
zinc	2,000	20	10 F	13 F	13 F	U	6.3 BF													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	350		350	340	360 B													
ammonia	2	0.2	0.38		0.42	0.42	0.36 B													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	0.092 F		0.10	0.12	0.093 F													
COD	--	5	8.5 F		U	8.2 F	U													
chloride	250	1	11		9.5	10.0	9.1 B													
color	15	5	U		NA	U	U													
cyanide, Total	200	0.02	NA		NA	NA														
hardness, Total	--	1	320		330	320	340 B													
nitrate	10	1	0.041 F		U	U	U													
TKN	1	1	0.33		0.55	0.39	0.75													
sulfate	250	1	9.4		8.1	7.2	4.5 B													
TDS	500	10	**510**		380	380	370													
TOC	--	1	U		U	0.60 F	U													
phenolics, Total	--	0.005	NA		NA	NA	NA													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**	
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	U	U	U	U	U	U	U	U	U	U	57.9 F	U	U	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	1.54 F	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	40.4 F	43.9 F	64.9	43.6 F	30.4 F	34.3 F	66.9	67.3	37.5 F	37.4 F	59.3	59.5	33 F	31 F	63	62
berylium	3	4	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	2.4 F	U
boron	1,000	110	12.2	NA	NA	NA	NA	21.7	NA	NA	NA	14.4	U	U	U	U	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.1 F	U
calcium	--	1,100	94,900	122,000	131,000	101,000	63,600	74,800	120,000	122,000	89,900	107,000	105,000	106,000	87,000	82,000	110,000	110,000
chromium	50	10	U	U	U	U	U	U	U	U	U	U	U	U	2.2 F	U	4.7 F	1.6 F
cobalt	--	60	U	U	U	U	U	1.5 F	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	U	2 F	U	U	U	U	U	U	U	U	U	U	U	2.1 F	U
iron	300	200	**12,800**	**2,950**	**11,000**	**15,000**	**6,830**	**1,160**	**7,760**	**7,420**	**4,140**	**4,740**	**9,160**	**9,240**	**5,300 J**	**4,000 J**	**9,300**	**8,900**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	12,600 B	16,800	17,900	13,900	7,790	9,300	16,300	16,700	12,200	14,500	14,500	14,600	12,000	11,000	15,000	15,000
manganese	300	10	**685**	**734**	**751**	**710**	**407**	**782**	**609**	**669**	**606**	**724**	**572**	**573**	**390 J**	**310 J**	**670**	**630**
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.4 F	U
potassium	--	1,000	1,440 B	1,560	1,730	1,490	1,080	1,280	1,720	1,710	1,370	1,300	1,460	1,420	1,300	1,200	1,800	1,600
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	12,700 B	16,800	18,400	12,900	10,700	13,200	17,100	17,300	12,400	13,400	14,500	14,700	12,000	12,000	15,000	15,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.3 F	U
zinc	2,000	20	42 B	U	U	U	U	3.1 F	U	U	5.3	U	25.7 B	15.4	U	U	5.0 F	U
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	
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	
phenolics, Total	--	0.005	U	U	U	U	U	U	U	U	U	U	NA		NA		NA	

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**							
Sample ID No.			**LF1P0525PA**	**LF1P0525QA**	**LF1P0525RA**	**LF1P0525SA**							
Depth to Water (ft)			**3.45**	**6.17**	**4.28**	**3.90**							
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U							
1,1-dichloroethane	5*	1	U	U	U	U							
1,2,3-trichlorobenzene	5	1	U	U	U	U							
1,2,4-trimethylbenzene	5*	1	U	U	U	U							
1,2-dichloroethane	0.6	1	U	U	U	U							
1,2-dichlorobenzene	3	1	U	U	U	U							
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U							
1,3,5-trimethylbenzene	5*	1	U	U	U	U							
1,3-dichlorobenzene	3	1	U	U	U	U							
1,4-dichlorobenzene	3	0.5	U	U	U	U							
acetone	50	10	U	U	U	U							
benzene	1	0.1	U	U	U	U							
bromodichloromethane	50	0.5	U	U	U	U							
bromoform	50	1	U	U	U	U							
carbon disulfide	1,000	0.5	U	U	U	U							
chlorobenzene	5*	0.5	U	U	U	U							
chloroethane	5*	1	U	U	U	U							
chloroform	7	0.3	U	U	U	U							
chloromethane	5*	1	U	U	U	U							
cis-1,2-dichloroethene	5*	1	U	U	U	U							
dichlorodifluoromethane	5*	1	U	U	U	U							
ethylbenzene	5*	1	U	U	U	U							
isopropylbenzene	5*	1	U	U	U	U							
methylene chloride	5*	1	U	U	U	U							
methyl iodide	5*	0.5	U	U	U	U							
n-propylbenzene	5*	1	U	U	U	U							
m,p-xylene	5*	2	U	U	U	U							
naphthalene	10	1	U	U	U	U							
o-xylene	5*	1	U	U	U	U							
p-isopropyltoluene	5*	1	U	U	U	U							
sec-butylbenzene	5*	1	U	U	U	U							
tetrachloroethene	5	1	U	U	U	U							
tert-butylbenzene	5*	1	U	U	U	U							
trichloroethene (TCE)	5*	1	U	U	U	U							
toluene	5*	1	U	U	U	U							
trichlorofluoromethane	5*	1	U	U	U	U							
vinyl chloride	2	1	U	U	U	U							
Total VOCs (µg/L)			**0**	**0**	**0**	**0**							
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**													
Sample ID No.			**LF1P0525PA**		**LF1P0525QA**	**LF1P0525RA**	**LF1P0525SA**													
Depth to Water (ft)			**3.45**		**6.17**	**4.28**	**3.90**													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	U													
antimony	3	50	U	U	U	U	U													
arsenic	25	30	U	U	U	U	U													
barium	1,000	50	34 F	33 F	63	41 F	33 F													
berylium	3	4	U	U	U	U	U													
boron	1,000	110	17	18	NA	NA	NA													
cadmium	5	5	U	U	U	U	U													
calcium	--	1,100	93,000	91,000	120,000	100,000	94,000 B													
chromium	50	10	U	U	1.5 F	U	U													
cobalt	--	60	U	U	U	U	U													
copper	200	10	U	U	U	U	U													
iron	300	200	**5,800**	**6,100**	**9,100**	**3,400**	**1,900**													
lead	25	25	U	U	U	U	U													
magnesium	35,000	1,000	13,000	12,000	16,000	15,000	13,000 B													
manganese	300	10	**370**	**380**	**630**	290	200													
molybdenum	--	15	U	U	U	U	U													
nickel	100	20	U	U	U	U	U													
potassium	--	1,000	1,200	1,200	1,700	1,400	1,200 B													
selenium	10	30	U	U	U	U	U													
silver	50	10	U	U	U	U	U													
sodium	20,000	1,000	12,000	11,000	15,000	13,000	13,000 B													
thallium	0.5	80	U	U	U	U	U													
vanadium	--	10	U	U	U	U	U													
zinc	2,000	20	12 F	10 F	16 F	U	6.5 BF													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	310		370	330	290 B													
ammonia	2	0.2	0.42		0.71	0.29	0.13 B													
BOD5	--	2.4	U		3.9	U	U													
bromide	2	0.5	0.093 F		0.12	0.11	0.087 F													
COD	--	5	6.3 F		U	6.0 F	U													
chloride	250	1	9.3		11	9.9	8.8 B													
color	15	5	15		NA	U	U													
cyanide, Total	200	0.02	NA		NA	NA	NA													
hardness, Total	--	1	290		370	320	290 B													
nitrate	10	1	0.18		U	0.21 F	0.27 BF													
TKN	1	1	0.41		0.83	0.35	0.38													
sulfate	250	1	0.53 F		U	U	0.50 BF													
TDS	500	10	270		390	280	300													
TOC	--	1	1.5		1.3	1.10	1.4													
phenolics, Total	--	0.005	NA		NA	NA	NA													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**
Pesticides (µg/L)															
No pesticides reported.															
PCBs (µg/L)															
No PCBs reported.															

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**	
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	U	45.2 F	U	U	U	U	**3,890**	557	393	U	25.8 F	**2,810**	56.5 F	487	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	8.9 F	U	15.1 F	U	U	**41.4**	20.8 F	14.2 F	U	U	31.8	22.3 F	17.5 F	4.7 F	4.3 F
barium	1,000	50	22.8 F	44.4 F	25.9 F	39.8 F	26.2 F	34 F	64.5	65	51	22.7 F	29.9 F	60.2	30 F	46.1	16 F	22 F
berylium	3	4	U	U	U	U	U	U	0.3 F	U	U	U	U	U	NA	NA	NA	NA
boron	1,000	110	47.6	NA	NA	NA	NA	25.4	NA	NA	NA	34.2	30.2	29.3	NA	NA	NA	NA
cadmium	5	5	U	U	**17.6**	U	U	U	1.3 F	U	1.6 F	U	U	U	0.58 F	U	U	U
calcium	--	1,100	60,200	90,200	30,700	27,000	120,000	99,800	32,800	25,500	28,400	97,000	21,700	24,600	18,700	17,100	57,000	57,000
chromium	50	10	U	U	U	U	U	U	5.1 F	U	1.3 F	0.8 F	U	2.4 F	U	U	U	U
cobalt	--	60	U	U	U	U	U	U	2.6 F	1.2 F	1.2 F	U	U	1.4 F	U	U	U	U
copper	200	10	U	U	U	6.8 F	2.2 F	2.2 F	8.2 F	1.6 F	U	U	U	3.3 F	U	U	2.5 F	U
iron	300	200	**9,310**	**26,900**	**27,600**	**47,700**	**3,220**	**13,000**	**76,400**	**65,600**	**76,800**	**9,870**	**35,100**	**88,400**	**60,900**	**55,300**	**17,000**	**17,000**
lead	25	25	U	U	U	U	U	U	2.5 F	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	7,370	7,900	2,550	2,300	13,700	9,200	4,260	2,670	3,140	10,800	1,980	2,940	1,690	1,660	5,900	5,700
manganese	300	10	**1,550**	**1,560**	**4,390**	**4,520**	**655**	**2,170**	**5,050**	**11,600**	**10,900**	**1,560**	**8,660**	**9,530**	**6,510**	**6,080**	**1,900**	**1,900**
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	3.7 F	7.9 F	U	U	U	U
nickel	100	20	U	U	U	2.9 F	U	U	5 F	1.7 F	2.4 F	U	U	4 F	U	U	1.8 F	1.4 F
potassium	--	1,000	2,090	2,120	1,480	1,640	2,610	2,130	3,260	1,700 B	1,780	1,930	1,480	2,570	1,460	1,500	1,900	1,900
selenium	10	30	U	7 F	U	U	U	U	U	U	U	U	U	7.2 F	U	U	U	3.0 F
silver	50	10	U	U	U	U	U	U	U	U	1.1 F	U	U	U	U	U	U	U
sodium	20,000	1,000	5,570	3,160	5,270	4,720	1,880	3,240	6,830	4,110	5,180	3,760	4,690	5,140	3,700	3,390	3,800	3,800
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	7.4 F	1.1 F	0.9 F	U	U	5.6 F	0.93 F	2.09 F	U	5.3 F
zinc	2,000	20	U	U	U	U	U	U	14.3 F	4.4 F	8.6 F	3.1 F	U	10.7 F	46.6 B	37.1 B	6.5 F	U
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	
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	
phenolics, Total	--	0.005	U	U	U	U	U	U	U	U	U	U	NA		NA		NA	

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**					
Sample ID No.			**MWSAR0324NA**	**MWSAR0324OA**	**MWSAR0324PA**	**MWSAR0324QA**	**MWSAR0324RA**	**MWSAR0324SA**					
Depth to Water (ft)			**15.17**	**21.69**	**16.17**	**21.00**	**17.86**	**19.04**					
VOCs (µg/L)													
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U					
1,1-dichloroethane	5*	1	U	U	U	U	U	U					
1,2,3-trichlorobenzene	5	1	U	U	U	U	U	U					
1,2,4-trimethylbenzene	5*	1	U	U	U	U	U	U					
1,2-dichloroethane	0.6	1	U	U	U	U	U	U					
1,2-dichlorobenzene	3	1	U	U	U	U	U	U					
1,2-dibromo-3-chloropropane	0.04	2	U	U	U	U	U	U					
1,3,5-trimethylbenzene	5*	1	U	U	U	U	U	U					
1,3-dichlorobenzene	3	1	U	U	U	U	U	U					
1,4-dichlorobenzene	3	0.5	U	2.05	0.380 F	0.620	U	1.81					
acetone	50	10	U	U	U	U	U	1.52 F					
benzene	1	0.1	U	0.350 F	U	0.550	0.350 F	0.410 F					
bromodichloromethane	50	0.5	U	U	U	U	U	U					
bromoform	50	1	U	U	U	U	U	U					
carbon disulfide	1,000	0.5	U	U	U	U	U	U					
chlorobenzene	5*	0.5	U	0.250 F	U	U	U	0.310 F					
chloroethane	5*	1	U	U	U	U	U	U					
chloroform	7	0.3	U	U	U	U	U	U					
chloromethane	5*	1	U	U	U	U	U	U					
cis-1,2-dichloroethene	5*	1	U	U	U	U	0.120 F	U					
dichlorodifluoromethane	5*	1	U	U	U	U	U	U					
ethylbenzene	5*	1	U	U	U	U	U	U					
isopropylbenzene	5*	1	U	U	U	U	U	U					
methylene chloride	5*	1	0.120 F	0.210 F	U	U	U	U					
methyl iodide	5*	0.5	U	U	U	U	U	U					
n-propylbenzene	5*	1	U	U	U	U	U	U					
m,p-xylene	5*	2	U	U	U	U	U	U					
naphthalene	10	1	U	U	U	U	U	U					
o-xylene	5*	1	U	U	U	U	U	U					
p-isopropyltoluene	5*	1	U	U	U	U	U	U					
sec-butylbenzene	5*	1	U	U	U	U	U	U					
tetrachloroethene	5	1	U	U	U	U	U	U					
tert-butylbenzene	5*	1	U	U	U	U	U	U					
trichloroethene (TCE)	5*	1	0.130 F	U	U	U	U	U					
toluene	5*	1	U	U	U	U	U	U					
trichlorofluoromethane	5*	1	U	U	U	U	U	U					
vinyl chloride	2	1	U	U	U	1.55	U	0.830 F					
Total VOCs (µg/L)			**0.25**	**2.86**	**0.38**	**2.72**	**0.47**	**4.88**					
Pesticides (µg/L)													
No pesticides reported.													
PCBs (µg/L)													
No PCBs reported.													

Landfill 1 AOC

Groundwater Analytical Results (continued)

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**								
Sample ID No.			**MWSAR0324NA**		**MWSAR0324OA**		**MWSAR0324PA**		**MWSAR0324QA**		**MWSAR0324RA**	**MWSAR0324SA**								
Depth to Water (ft)			**15.17**		**21.69**		**16.17**		**21.00**		**17.86**	**19.04**								
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	70 F	U	500	U	U	49 F	**2,300**	U	62 F								
antimony	3	50	U	U	U	U	U	U	U	U	U	U								
arsenic	25	30	U	U	10 F	19 F	U	U	U	14 F	U	10 F								
barium	1,000	50	33 F	52 F	35 F	53	27 F	28 F	43 F	60	7.6 F	47 F								
berylium	3	4	U	U	U	U	U	U	U	U	U	U								
boron	1,000	110	U	U	NA	NA	28	30	NA	NA	NA	NA								
cadmium	5	5	U	U	U	U	U	U	U	U	U	U								
calcium	--	1,100	85,000	88,000	17,000	18,000	85,000	85,000	19,000	19,000	49,000	22,000								
chromium	50	10	U	U	U	2.7 F	U	U	1.8 F	3.8 F	U	U								
cobalt	--	60	U	U	U	U	U	U	U	U	U	U								
copper	200	10	U	U	U	U	U	U	U	4.3 F	U	U								
iron	300	200	**840**	**1,400**	**63,000**	**76,000**	**5,200**	**6,800**	**51,000**	**62,000**	**3,800**	**80,000**								
lead	25	25	U	U	U	U	U	U	U	U	U	U								
magnesium	35,000	1,000	5,900	6,100	1,800	2,000	8,200	8,200	2,000	2,700	6,900	2,900								
manganese	300	10	**1,200**	**1,200**	**7,200**	**7,400**	**990**	**1,100**	**6,900**	**7,000**	**390**	**8,000**								
molybdenum	--	15	U	U	U	3.2 F	U	U	U	U	U	U								
nickel	100	20	3.0 F	2.1 F	160	U	1.2 F	1.2 F	U	3.0 F	U	U								
potassium	--	1,000	1,100	1,200	1,300	1,500	1,100	1,200	1,500	2,200	720 F	1,200								
selenium	10	30	U	U	3.2 F	U	U	U	U	U	U	U								
silver	50	10	U	U	U	U	U	U	U	U	U	U								
sodium	20,000	1,000	1,700	1,800	3,700	3,800	2,900	2,900	4,700 B	4,800 B	3,100	6,200								
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U								
vanadium	--	10	U	U	U	0.86 F	U	U	U	4.8 F	U	U								
zinc	2,000	20	U	U	32	5.8 F	13 F	12 F	16 F	22 B	56	5.4 F								
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	210		140		250		120		160	180								
ammonia	2	0.2	0.019 F		0.40		0.09		0.49		0.035 F	0.24								
BOD5	--	2.4	U		U		U		6.7		3.5	13								
bromide	2	0.5	U		0.039 F		0.047 F		0.029 F		0.034 F	U								
COD	--	5	8.3 F		28		11		26		6.0 F	20								
chloride	250	1	2.1		4.8		3.5		3.7		3.4	4.9								
color	15	5	NA		NA		35		NA		U	U								
cyanide, Total	200	0.02	NA		NA		NA		NA		NA	NA								
hardness, Total	--	1	220		40		260		150		160	68								
nitrate	10	1	2.7		U		0.14		U		U	0.13 F								
TKN	1	1	0.094 F		0.5		0.063 F		0.84		U	0.40 B								
sulfate	250	1	9.0		4.0		6.1		3.9		1.8	4.2								
TDS	500	10	250		240		270		120		200	180								
TOC	--	1	0.75 F		1.6		0.97 F		0.69 F		1.10	1.1								
phenolics, Total	--	0.005	NA		NA		NA		NA		NA	NA								

Landfill 1 AOC

Surface Water Analytical 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-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
chloroethane	5**	1	U	U	U	U	U	U	0.81 F	U	U	U	U		U
chloromethane	--	1	U	U	U	U	U	U	0.27 F	U	U	U	U		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
toluene	5	1	U	U	U	U	U	U	0.84 F	U	U	U	0.11 F		U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	56.4 F	**408**	**165 F**	48 F	34.2 F	40.4 F	**906**	U	U	U	52.5 F	46.4 F	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	10.4 F	U	U	U	U	U	U	U
barium	1,000	50	7.5 F	6.3 F	11 F	10.4 F	8.6 F	10.5 F	83.9	32.2 F	17.5 F	13.9 F	36 F	35.7 F	12 F	12 F
boron, Total	1,000	110	8.7 F	U	NA	NA	NA	8.9 F	NA	NA	NA	10	U	U	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	20,300	9,540	23,300	21,000	30,400	44,300	128,000	143,000	75,600	58,600	94,700	94,700	49,000	49,000
chromium	50	10	U	U	U	U	U	U	0.90 F	U	U	U	U	U	U	U
cobalt	5	60	U	U	U	U	U	U	1.2 F	U	U	U	U	U	U	U
copper	200	10	U	U	U	U	2 F	U	2.0 F	U	U	U	U	U	U	U
iron	300	200	86.5 F	**377**	206	81.2 F	63.7 F	37.2 F	**15,900**	**2,690**	**603**	**661**	**2,360**	**3,190**	100 F	74 F
lead	50	25	U	U	U	U	U	U	2 F	U	U	U	U	U	U	U
magnesium	35,000	1,000	3,080	1,840	4,000	3,710	3,760	4,180	8,970	12,600	6,480	5,250	7,050	7,010	5,000	5,200
manganese	300	10	63.7	14.4	73.1	53.9	36.2	92.4	**2,110**	**909**	**1,140**	**464**	**1,320**	**1,260**	250 J	150 J
nickel	100	20	U	U	U	U	U	U	U	2.1 F	U	U	U	U	U	U
potassium	--	1,000	936 F	838 F	1,350	1,410	923	965 F	2,060	2,440 B	886 F	766 F	1,230	1,170	980 F	1,000
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	5,840	5,030	7,020	6,810	8,120	5,240	3,610	3,690	3,250	5,640	3,480	3,520	14,000	14,000
vanadium	--	10	U	U	U	U	U	U	1.4 F	U	U	U	U	U	U	U
zinc	2,000	20	U	U	U	U	U	U	8.9 F	U	4.8 F	U	30.9 B	25.8 B	U	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	
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	
phenolics, Total	--	0.005	U	U	U	U	U	U	0.0050 F	U	U	U	NA		NA	
Pesticides (µg/L)															
No pesticides were reported.															
PCBs (µg/L)															
No PCBs were reported.															

Landfill 1 AOC

Surface Water Analytical Results (continued)

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**										
Sample ID No.			**LF1SW0101OA**		**LF1SW0101PA**		**LF1SW0101QA**		**LF1SW0101RA**	**LF1SW0101SA**										
Depth to Water (ft)			**Surface**		**Surface**		**Surface**		**Surface**	**Surface**										
VOCs (µg/L)																				
1,1-dichloroethane	5	1	U		U		0.310 F		U	U										
1,2-dichlorobenzene	3	1	0.120 F		U		U		U	U										
1,4-dichlorobenzene	3	0.5	0.69		U		0.310 F		U	U										
acetone	50	10	U		U		3.34 F		U	2.29 F										
benzene	1	0.1	0.120 F		U		0.690		U	U										
chloroethane	5**	1	0.89		U		U		U	U										
chloromethane	--	1	U		U		U		U	U										
dichlorodifluoromethane	5**	1	U		U		U		U	U										
methylene chloride	5	1	U		U		U		U	U										
toluene	5	1	0.420 F		U		1.31		U	U										
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	100	200	U	1,100	U	U	44 F	52 F	U	280										
antimony	3	50	U	U	U	U	U	U	U	U										
arsenic	50	30	4.2 F	8.4 F	U	U	U	U	U	U										
barium	1,000	50	130	160	10 F	10 F	49 F	52	7.5 F	4.8 F										
boron, Total	1,000	110	NA	NA	8.3 F	12	NA	NA	NA	NA										
cadmium	5	5	U	U	U	U	U	U	U	U										
calcium	--	1,100	140,000	140,000	41,000	41,000	230,000	230,000	18,000	9,400 B										
chromium	50	10	2.2 F	2.2 F	U	U	4.8 F	5.0 F	U	U										
cobalt	5	60	U	U	U	U	U	U	U	U										
copper	200	10	U	3.2 F	2.6 F	U	U	U	U	U										
iron	300	200	140 F	**8,700**	29 F	57 F	**1,400**	**4,500**	27 F	270										
lead	50	25	U	U	U	U	U	U	U	U										
magnesium	35,000	1,000	11,000	11,000	4,500	4,500	15,000	15,000	3,200	1,800 B										
manganese	300	10	**2,500**	**2,500**	77	81	**15,000**	**15,000**	22	11										
nickel	100	20	2.0 F	3.4 F	U	U	U	1.2 F	U	U										
potassium	--	1,000	4,500	5,400	1,000	1,000	1,400	1,400	990 F	570 BF										
selenium	10	30	U	U	U	U	U	U	U	U										
sodium	--	1,000	6,600	6,900	14,000	13,000	4,600 B	4,700 B	7,600	5,300 B										
vanadium	--	10	U	2.1 F	U	U	U	U	U	U										
zinc	2,000	20	29 B	44 B	12 F	11 F	14 F	13 F	U	7.8 BF										
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	400		110		640		44	24 B										
ammonia	2	0.2	1.9		0.23		0.022 F		U	0.057 B										
BOD5	--	2.4	110 J		U		15		U	U										
bromide	2	0.5	0.20		U		0.075 F		0.015 F	U										
COD	--	5	150		U		31		6.0 F	U										
chloride	250	1	8.4		26		4.8		12	7.4 B										
color	15	5	NA		U		NA		U	U										
hardness, Total	--	1	36		130		600		56	31 B										
nitrate	10	1	0.016 F		0.92		U		0.78	0.24 B										
TKN	1	1	**11**		0.22		0.57		0.11 F	0.29										
sulfate	250	1	3.8		8.9		1.6		10	6.6 B										
TDS	500	10	130		170		**700**		110	90										
TOC	--	1	16		1.1		3.2		1.2	3.2										
phenolics, Total	--	0.005	NA		NA		NA		NA	NA										
Pesticides (µg/L)																				
No pesticides were reported.																				
PCBs (µg/L)																				
No PCBs were reported.																				

Landfill 1 AOC

Surface Water Analytical Results (continued)

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-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	
chloroethane	5**	1	U	U	U	U	U	U	U	U	U	U	0.16 F		U	
chloromethane	--	1	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	
toluene	5	1	U	U	U	U	U	U	U	U	U	U	U		U	
Metals (µg/L) [Dissolved / Total][1]																
aluminum	100	200	U	46.6 F	40.5 F	43.8 F	42.7 F	**361**	U	42.2 F	**689**	U	58.3 F	**3,680**	U	44 F
antimony	3	50	U	U	U	U	U	U	U	4.2 F	U	U	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	4.9 F	U	8 F	U	U	107	U	U
barium	1,000	50	27.2 F	16.2 F	51	12.3 F	34.3	55.7	114	122	90	52.4	115	885	27 F	28 F
boron, Total	1,000	110	20.7	U	NA	NA	NA	33.8	NA	NA	NA	30.8	U	U	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	4.1 F	U	U
calcium	--	1,100	40,600	24,300	66,800	19,700	53,900	70,600	124,000	138,000	114,000	87,400	140,000	166,000	60,000	62,000
chromium	50	10	U	U	U	U	U	U	U	U	1.4 F	U	U	U	U	U
cobalt	5	60	U	U	U	U	U	U	1.1 F	1.4 F	1.3 F	U	U	10.5 F	U	U
copper	200	10	U	U	U	U	U	U	U	U	2.3 F	U	U	11.7	U	U
iron	300	200	**2,380**	**833**	**2,180**	**497**	**2,160**	**4,620**	**3,570**	**1,290**	**16,500**	**4,230**	**2,470**	**373,000**	**930**	**1,400**
lead	50	25	U	U	U	U	U	U	U	U	U	U	U	11.4 F	U	U
magnesium	35,000	1,000	4,050	3,000	5,850	3,100	4,790	5,050	7,030	7,340	7,520	6,150	8,070	9,330	5,400	5,600
manganese	300	10	**474**	205 B	**876**	121	**600**	**987**	**2,310**	**2,620**	**2,470**	**1,330**	**3,050**	**5,030**	**490**	**510**
nickel	100	20	U	U	U	U	U	U	2.2 F	2.2 F	2.6 F	U	U	8.13 F	1.3 F	U
potassium	--	1,000	1,380	1,190	2,310	1,240	1,690	2,040	3,970	4,710	2,750	1,750	4,030	4,660	1,300	1,400
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	2.87 F	U	U
sodium	--	1,000	5,990	7,240	8,060	5,660	7,000	5,420	7,870	9,940	5,830	6,390	9,740	9,820	13,000	13,000
vanadium	--	10	U	U	U	U	U	U	U	U	1.5 F	U	U	14.7	U	U
zinc	2,000	20	U	U	U	U	U	3 F	U	U	8.9 F	2.7 F	34 B	54 B	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	
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	
phenolics, Total	--	0.005	U	U	U	0.0071 F	U	0.0079 F	0.0090 F	U	U	U	NA		NA	
Pesticides (µg/L)																
No pesticides were reported.																
PCBs (µg/L)																
No PCBs were reported.																

Landfill 1 AOC

Surface Water Analytical Results (continued)

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**		
Sample ID No.			**LF1SW02SMC01OA**		**LF1SW02SMC01PA**		**LF1SW02SMC01QA**		**LF1SW02SMC01RA**	**LF1SW02SMC01SA**		
Depth to Water (ft)			**Surface**		**Surface**		**Surface**		**Surface**	**Surface**		
VOCs (µg/L)												
1,1-dichloroethane	5	1	U		U		U		U	U		
1,2-dichlorobenzene	3	1	0.260 F		U		0.480 F		U	U		
1,4-dichlorobenzene	3	0.5	2.03		0.490 F		2.89		U	U		
acetone	50	10	U		U		U		U	U		
benzene	1	0.1	0.180 F		U		0.240 F		U	U		
chloroethane	5**	1	U		U		U		U	U		
chloromethane	--	1	U		U		U		U	U		
dichlorodifluoromethane	5**	1	U		U		U		U	U		
methylene chloride	5	1	U		U		U		U	U		
toluene	5	1	0.310 F		U		0.120 F		U	U		
Metals (µg/L) [Dissolved / Total][1]												
aluminum	100	200	42 F	**470**	U	**160 F**	U	**1,100**	U	**440**		
antimony	3	50	U	1.6 F	U	U	1.8 F	U	U	U		
arsenic	50	30	U	68	U	U	U	20	U	U		
barium	1,000	50	130	660	22 F	24 F	120	180	14 F	8.1 F		
boron, Total	1,000	110	NA	NA	14	15	NA	NA	NA	NA		
cadmium	5	5	U	U	U	U	U	U	U	U		
calcium	--	1,100	160,000	170,000	52,000	53,000	160,000	160,000	25,000	11,000 B		
chromium	50	10	2.2 F	U	U	U	U	U	U	U		
cobalt	5	60	U	U	U	U	U	U	U	U		
copper	200	10	U	U	U	U	U	2.0 F	U	U		
iron	300	200	20 F	**210,000**	**590**	**2,500**	**4,400**	**48,000**	**620**	**1,200**		
lead	50	25	U	U	U	U	U	U	U	U		
magnesium	35,000	1,000	8,300	8,200	4,900	5,000	8,500	8,900	3,500	1,900 B		
manganese	300	10	**3,200**	**4,300**	**400**	**420**	**3,400**	**3,800**	170	95		
nickel	100	20	U	1.2 F	U	U	U	2.6 F	U	U		
potassium	--	1,000	4,500	4,500	1,300	1,300	4,000	4,400	1,200	730 BF		
selenium	10	30	U	5.2 F	U	U	U	U	U	U		
sodium	--	1,000	13,000	13,000	13,000	12,000	11,000	11,000	7,500	5,300 B		
vanadium	--	10	U	0.79 F	U	U	U	2.1 F	U	U		
zinc	2,000	20	21 B	26 B	11 F	12 F	15 F	23 B	U	7.2 BF		
Leachate Indicators (mg/L)												
alkalinity, Total	--	10	450		140		450		64	28 B		
ammonia	2	0.2	1.8		0.28		1.9		0.074	0.037 BF		
BOD5	--	2.4	4.7		U		3.0		U	U		
bromide	2	0.5	0.14		U		0.16		0.018 F	U		
COD	--	5	22		4.1 F		37		10	U		
chloride	250	1	13		22		13		11	7.3 B		
color	15	5	NA		10		NA		10	5		
hardness, Total	--	1	400		160		440		74	35 B		
nitrate	10	1	0.016 F		0.76		U		0.68	0.23 B		
TKN	1	1	**2.1**		0.30		**2.70**		0.15 F	0.37		
sulfate	250	1	1.2		8.2		0.89 F		10	6.4 B		
TDS	500	10	460		200		450		120	86		
TOC	--	1	4.6		1.7		3.6		1.5	3.4		
phenolics, Total	--	0.005	NA		NA		NA		NA	NA		
Pesticides (µg/L)												
No pesticides were reported.												
PCBs (µg/L)												
No PCBs were reported.												

Landfill 1 AOC

Surface Water Analytical Results (continued)

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-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	
chloroethane	5**	1	U	U	U	U	U	U	U	U	U	U	U		U	
chloromethane	--	1	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	
toluene	5	1	U	U	U	U	U	U	U	U	U	U	U		U	
Metals (µg/L) [Dissolved / Total][1]																
aluminum	100	200	55.7 F	**190 F**	62 F	**108 F**	76.5 F	**240**	U	U	45.1 F	**105 F**	56.5 F	81.3 F	55 F	**110 F**
antimony	3	50	U	U	U	U	U	U	U	U	**4.5 F**	U	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	3.5 F	U	U	U	U	U	U	U
barium	1,000	50	17 F	6.8 F	23 F	20 F	16 F	11.1 F	51.4	50.5	20 F	15.2 F	27.4 F	28 F	8.6 F	8.8 F
boron, Total	1,000	110	16.6	U	NA	NA	NA	9.2 F	NA	NA	NA	11.2	U	U	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	35,500	12,000	49,200	35,000	32,500	11,200	90,400	101,000	38,600	26,200	54,100	52,900	21,000	20,000
chromium	50	10	U	U	U	U	U	U	U	U	U	1 F	U	U	U	U
cobalt	5	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	U	4.6 F	U	2.3 F	U	U	U	U	U	U	U	U	U
iron	300	200	**486**	**301**	**731**	**573**	**668**	**442**	**983**	**919**	**494**	**545**	**402**	**1,320**	95 F	250
lead	50	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	3,550	1,850	4,930	4,100	3,130	1,300	5,610	5,940	3,140	2,420	4,140	4,040	2,200	2,100
manganese	300	10	265	38	**445**	284	**343**	207	**1,060**	**1,160**	**475**	283	**586**	**623**	90	94
nickel	100	20	U	U	U	U	U	U	1.9 F	U	U	U	U	U	U	U
potassium	--	1,000	1,300	828 F	1,440	1,740	1,320	1,320	2,630	2,940 B	1,190	1,050	1,650	1,580	960 F	960 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	7,120	5,020	8,790	7,460	6,980	4,120	7,630	8,430	6,860	7,200	13,400	13,100	6,300	6,000
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	5.1 F	9.7 F	U	U	U	5.1 F	U	U	6.4 F	4.5 F	36.5 B	33.6 B	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	
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	
phenolics, Total	--	0.005	U	U	U	U	U	U	0.0050 F	U	U	U	NA		NA	
Pesticides (µg/L)																
No pesticides were reported.																
PCBs (µg/L)																
No PCBs were reported.																

Landfill 1 AOC

Surface Water Analytical Results (continued)

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**										
Sample ID No.			**LF1SW0301OA**		**LF1SW0301PA**		**LF1SW0301QA**		**LF1SW0301RA**	**LF1SW0301SA**										
Depth to Water (ft)			**Surface**		**Surface**		**Surface**		**Surface**	**Surface**										
VOCs (µg/L)																				
1,1-dichloroethane	5	1	U		U		U		U	U										
1,2-dichlorobenzene	3	1	U		U		U		U	U										
1,4-dichlorobenzene	3	0.5	U		U		U		U	U										
acetone	50	10	1.55 F		U		U		1.15 F	1.36 F										
benzene	1	0.1	U		U		U		U	U										
chloroethane	5**	1	U		U		U		U	U										
chloromethane	--	1	U		U		U		U	U										
dichlorodifluoromethane	5**	1	U		U		U		U	U										
methylene chloride	5	1	0.120 F		U		U		U	U										
toluene	5	1	U		U		U		U	U										
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	100	200	41 F	U	U	**170 F**	U	U	U	81 F										
antimony	3	50	U	U	U	U	U	U	U	U										
arsenic	50	30	U	U	U	U	U	U	U	U										
barium	1,000	50	37 F	39 F	7.6 F	8.6 F	40 F	41 F	8.8 F	4.8 F										
boron, Total	1,000	110	NA	NA	6.7 F	6.8 F	NA	NA	NA	NA										
cadmium	5	5	U	U	U	U	U	U	U	U										
calcium	--	1,100	76,000	79,000	17,000	17,000	83,000	78,000	22,000	12,000										
chromium	50	10	U	U	U	U	U	U	U	U										
cobalt	5	60	U	U	U	U	U	U	U	U										
copper	200	10	U	U	U	U	U	U	U	U										
iron	300	200	70 F	**1,800**	150 F	**360**	22 F	**1,500**	260	220										
lead	50	25	U	U	U	U	U	U	U	U										
magnesium	35,000	1,000	5,000	5,100	1,800	1,800	5,200	4,900	3,000	2,000										
manganese	300	10	**770**	**760**	100	120	**1,200**	**1,200**	75	27										
nickel	100	20	U	U	U	U	U	U	U	U										
potassium	--	1,000	2,000	2,100	780 F	810 F	2,100	2,300	1,000	840 F										
selenium	10	30	U	U	U	U	U	U	U	U										
sodium	--	1,000	14,000	14,000	6,100	6,200	12,000	12,000	7,500	5,900										
vanadium	--	10	U	U	U	U	U	U	U	U										
zinc	2,000	20	24 B	U	14 F	14 F	16 F	14 F	U	4.7 F										
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	220		46		240		58	28										
ammonia	2	0.2	0.061		0.077		0.2		U	U										
BOD5	--	2.4	U		U		U		U	U										
bromide	2	0.5	0.043 F		U		0.068 F		0.015 F	U										
COD	--	5	8.5 F		4.1 F		8.2 F		10	5.4 F										
chloride	250	1	15		9.5		14		11	8.2										
color	15	5	NA		**30**		NA		10	U										
hardness, Total	--	1	190		52		240		64	38										
nitrate	10	1	0.14		0.14		0.21		0.39	0.28										
TKN	1	1	0.23		0.20		0.47		0.22	0.40 B										
sulfate	250	1	10		5.8		5.0		9.3	7.3										
TDS	500	10	280		77		280		U	71										
TOC	--	1	3.3		3.3		3.7		2.4	2.8										
phenolics, Total	--	0.005	NA		NA		NA		NA	NA										
Pesticides (µg/L)																				
No pesticides were reported.																				
PCBs (µg/L)																				
No PCBs were reported.																				

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 1 AOC

Gas Monitoring Results - Methane and LEL (continued)

Sample Location	20-Oct-09				1-Feb-10				5-May-10				26-Oct-10			
	Barometric Pressure (in.) = 29.50-29.61				Barometric Pressure (in.) = 29.45-29.50				Barometric Pressure (in.) = 29.04-29.23				Barometric Pressure (in.) = 29.40-29.29			
	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)	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	>100	52.5	0.9	24.6
LF1GMP-02	0	0.0	20.8	0.1	0	0.0	14.4	2.1	>100	8.1	0.0	12.8	>100	28.6	0.1	18.1
LF1GMP-03	>100	14.8	10.2	10.7	>100	5.7	8.1	8.1	>100	18.2	0.0	22.1	>100	43.7	0.1	34.6
LF1GMP-04	>100	55.6	0.0	43.4	10	0.5	14.3	4.5	>100	17.6	0.0	24.2	>100	53.8	0.1	40.9
LF1GMP-06	>100	84.0	0.0	6.7	>100	70.8	0.0	4.3	>100	44.8	0.0	6.3	>100	79.5	0.3	8.9
LF1GMP-08	0	0.0	19.9	0.6	0	0.0	20.5	1.1	0	0.0	16.3	2.5	0	0.0	7.4	8.4
LF1GMP-09	>100	45.0	0.0	21.3	47	2.4	7.7	4.0	>100	11.2	0.0	12.5	>100	45.7	0.3	22.9
LF1GMP-10	>100	6.1	11.8	5.8	>100	9.0	6.8	10.7	>100	10.2	0.5	15.1	>100	18.1	0.3	21.6
LF1GMP-11	0	0.0	2.0	0.2	0	0.0	23.8	0.1	0	0.0	16.1	2.3	0	0.0	15.2	3.3
LF1GMP-12	0	0.0	20.8	2.0	0	0.0	21.4	1.5	0	0.0	18.5	1.5	0	0.0	17.9	2.3
LF1GMP-13	0	0.0	19.4	0.0	0	0.0	18.1	1.3	0	0.0	15.1	2.2	0	0.0	7.4	7.1
LF1GMP-14	0	0.0	20.9	0.9	0	0.0	21.6	0.6	0	0.0	19.0	0.5	0	0.0	15.6	2.0
LF1GMP-15	0	0.0	19.0	0.6	0	0.0	22.3	0.1	0	0.0	19.2	0.5	0	0.0	18.6	1.3
LF1GMP-16	0	0.0	20.0	1.3	0	0.0	19.9	1.5	0	0.0	19.1	1.6	0	0.0	17.7	2.5
LF1GMP-17	0	0.0	19.3	0.2	0	0.0	19.6	1.5	0	0.0	19.4	1.5	0	0.0	17.5	2.5
LF1GMP-18	0	0.0	20.4	1.1	0	0.0	22.0	0.1	0	0.0	19.6	0.2	0	0.0	17.5	2.4
LF1GMP-19	0	0.0	19.9	9.0	0	0.0	22.0	0.3	0	0.0	18.6	0.7	53	2.6	7.1	5.2
LF1GMP-20	0	0.0	3.4	0.0	2	0.1	22.7	0.1	0	0.0	19.6	0.0	0	0.0	20.1	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	>100	26.3	8.8	23.2
LF1GV-02	>100	11.3	19.9	14.0	2	0.1	21.3	0.5	>100	7.6	12.5	9.8	>100	11.8	14.7	9.6
LF1GV-03	58	2.9	15.2	5.2	3	0.1	21.0	0.7	>100	5.4	14.0	6.8	>100	27.5	8.0	21.0
LF1GV-04	19	1.0	19.0	1.9	0	0.0	22.0	0.3	>100	15.2	0.3	20.9	>100	24.2	5.5	22.2
LF1GV-05	>100	5.1	19.1	3.5	>100	6.1	19.5	8.8	>100	5.7	14.8	6.7	>100	23.7	10.0	19.3
LF1GV-06	>100	8.8	7.6	14.8	>100	7.4	2.9	17.1	>100	8.2	6.8	12.2	>100	32.8	4.3	25.3
LF1GV-07	0	0.0	20.9	0.0	>100	6.6	14.6	7.3	3	0.1	20.9	0.1	>100	16.1	13.6	14.2
LF1GV-08	0	0.0	20.8	0.0	>100	6.5	17.0	4.8	13	0.6	20.6	0.5	>100	9.5	16.7	6.2
LF1GV-09	20	1.0	20.0	1.0	47	2.3	19.2	2.1	16	0.8	20.6	0.7	>100	9.8	16.4	6.8
LF1GV-10	0	0.0	20.9	0.0	>100	5.0	8.4	11.8	2	0.1	20.7	0.2	>100	15.4	13.4	13.0
LF1GV-11	0	0.0	20.8	0.1	79	3.9	18.4	3.1	3	0.1	20.8	0.2	>100	5.2	18.0	3.9
LF1GV-12	0	0.0	20.8	0.2	60	3.0	16.9	4.2	3	0.2	20.6	0.3	>100	14.5	13.1	12.4
LF1GV-13	11	0.5	18.9	1.9	>100	20.4	0.4	22.5	2	0.1	20.3	0.9	>100	13.5	12.8	11.4
LF1GV-14	0	0.0	20.9	0.1	>100	5.0	17.5	3.9	46	2.3	19.7	1.3	>100	5.0	18.2	3.5
LF1GV-15	0	0.0	21.0	0.0	24	1.2	17.9	2.8	5	0.2	20.6	0.4	>100	6.5	16.6	6.9
LF1GV-16	0	0.0	21.0	0.0	6	0.3	18.3	1.9	0	0.0	20.9	0.0	>100	8.8	14.0	7.5
LF1GV-17	7	0.3	20.8	0.3	31	1.5	21.1	1.3	37	1.7	19.9	1.4	>100	5.8	17.5	5.1
LF1GV-18	0	0.0	20.9	0.1	22	1.1	20.6	1.4	21	1.0	20.0	0.9	>100	9.3	15.9	6.9
LF1GV-19	0	0.0	21.0	0.1	52	2.5	17.5	3.3	8	0.3	20.5	0.5	>100	15.4	12.5	10.3
LF1GV-20	0	0.0	21.1	0.0	58	2.9	18.7	1.9	28	1.4	20.1	0.6	>100	10.1	13.5	6.5
LF1GV-21	22	1.1	20.1	0.7	>100	5.9	18.9	2.4	76	3.8	19.6	1.1	>100	17.5	14.0	6.7
LF1GV-22	4	0.2	21.0	0.1	>100	7.3	16.0	5.5	12	0.6	20.6	0.5	>100	8.6	15.9	6.8
LF1GV-23	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	18.6	Abandoned
LF1GV-24	0	0.0	13.7	4.5	0	0.0	22.3	0.1	0	0.0	14.9	1.9	>100	18.9	0.4	21.3
LF1GV-25	3	0.1	20.5	0.3	0	0.0	22.2	0.1	0	0.0	16.1	2.8	>100	26.9	0.2	26.5
LF1GV-26	77	3.9	19.9	3.2	0	0.0	22.1	0.2	0	0.0	19.8	0.1	>100	10.8	12.0	10.4
LF1GV-27	>100	9.2	14.1	6.9	0	0.0	21.8	0.1	0	0.0	19.6	0.2	33	1.7	18.7	2.9
LF1GV-28	8	0.4	20.7	0.4	0	0.0	22.0	0.1	0	0.0	17.7	1.4	5	0.2	19.7	0.3
LF1GV-29	0	0.0	21.1	0.0	0	0.0	19.6	1.6	0	0.0	19.9	0.1	26	1.3	17.8	2.4
LF1GV-30	0	0.0	21.1	0.0	0	0.0	21.9	0.1	0	0.0	19.6	0.3	>100	8.6	10.4	11.7
LF1GV-31	0	0.0	20.6	0.4	0	0.0	21.8	0.1	0	0.0	14.2	4.1	>100	5.6	9.5	9.0

Notes:

NI = Not Installed

--- = Not monitored

- = No Reading

Landfill 2/3 AOC

Groundwater Analytical Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW2-1													
Date of Collection			**12/4/2003**	**3/26/2004**	**6/25/2004**	**9/15/2004**	**12/13/2004**	**3/31/2005**	**6/21/2005**	**9/8/2005**	**12/19/2005**	**3/10/2006**	**9/13/2006**		**4/2/2007**	
Sample ID No.			**LF2M2137AA**	**LF2M2137BA**	**LF2M2137CA**	**LF2M2137DA**	**LF2M2137EA**	**LF2M2137FA**	**LF2M2137GA**	**LF2M2137HA**	**LF2M2137IA**	**LF2M2137JA**	**LF2M2137KA**		**LF2M2137LA**	
Depth to Water (ft)			**15.90**	**15.81**	**16.13**	**16.65**	**15.83**	**15.62**	**16.72**	**18.35**	**16.59**	**15.80**	**16.86**		**14.73**	
VOCs (µg/L)																
1,1-dichloroethane	5*	1	0.40 F	0.43 F	0.42 F	0.41 F	0.42 F	0.41 F	0.45 F	0.34 F	0.38 F	0.42 F	NA		NA	
1,2-dichloroethane	0.6	1	0.30 F	0.32 F	0.3 F	0.3 F	0.27 F	0.26 F	0.27 F	U	U	U	NA		NA	
acetone	50	10	U	U	1.9 F	3.1 F	U	U	U	U	U	U	NA		NA	
carbon disulfide	1,000	0.5	U	U	U	U	U	U	0.3 F	U	U	U	NA		NA	
chloroethane	5*	1	1.2	1.2	1.1	1.3	1.3	1.2	1.4	1	1	1.1	NA		NA	
cis-1,2-dichloroethene	5*	1	U	U	U	0.22 F	0.21 F	U	0.22 F	U	U	U	NA		NA	
dichlorodifluoromethane	5*	1	3.3	4	2.8	3.1	3.6	3.8	3	U	1	2.5	NA		NA	
methylene chloride	5*	1	U	U	U	U	U	U	0.26 F	U	U	U	NA		NA	
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
vinyl chloride	2	1	0.77 F	0.96 F	0.82 F	1	0.98 F	0.94 F	1	0.77 F	U	0.85 F	NA		NA	
Metals (µg/L) [Dissolved / Total][1]																
aluminum	2,000	200	U	U	U	U	U	U	U	U	U	U	62 F	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	**28.6 F**	18 F	**46.7**	21.9 F	**27.4 F**	**25.1 F**	**49.2**	19.8 F	18.3 F	**26.4 F**	**59.7 F**	**66**	12 F	15 F
barium	1,000	50	77.5	76.6	92.3	72.9	69.4	75.4	70.4	61.9	55	72.9	68.8	67.8	73	75
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	10	43.4	NA	NA	NA	NA	48.3	NA	NA	NA	43.3	NA	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	71,900	71,300	75,100	66,700	62,600	73,600	62,500	58,600	51,800	63,000	54,300	55,800	70,000	70,000
chromium	50	10	U	1.4 F	U	U	U	U	U	U	U	U	2.8 F	2.72 F	5.4 F	6.5 F
cobalt	--	60	8.5 F	9.9 F	10.6 F	8.1 F	7.7 F	8.8 F	7.7 F	6.3 F	5.8 F	8.1 F	U	U	U	U
copper	200	10	U	U	3.1 F	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	**21,900**	**20,000**	**31,700**	**19,800**	**18,000**	**20,900**	**26,600**	**14,800**	**14,000**	**18,400**	**23,900**	**26,800**	**10,000**	**11,000**
lead	25	25	5.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	15,900	15,600	16,500	14,500	13,500	15,300	13,200	12,000	10,800	13,800	11,900	12,200	15,000	15,000
manganese	300	10	**9,010**	**9,250**	**10,200**	**8,680**	**7,960**	**8,490**	**7,590**	**6,850**	**6,160**	**7,670**	**6,660**	**7,020**	**7,900**	**8,100**
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	2.4 F	U	2.8 F	U	2.3 F	3.2 F	3 F	2.5 F	3.2 F	3.6 F	U	U	1.5 F	3.3 F
potassium	--	1,000	901 F	894 F	958 F	899 F	876 F	923 F	863 F	785 F	803 F	899 F	975 F	974 F	1,100	1,000
selenium	10	30	U	U	U	U	U	U	U	U	U	9,620	U	U	4.1 F	4.6 F
silver	50	10	U	U	U	U	U	0.9 F	U	U	U	U	U	U	U	U
sodium	20,000	1,000	8,770	8,660	9,490	8,680	8,400	9,020	7,870	7,990	7,840	U	7,430	7,770	8,500	8,600
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	3.1 F	U	U	U	U	3 F	3.3 F	2.9 F	5.3 F	3 F	40.4 B	48.1 B	U	U
mercury	0.7	1	U	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA	NA
Leachate Indicators (mg/L)																
alkalinity, Total	--	10	262	265	214	236	241	266	250	219	198	226	210		220	
ammonia	2	0.2	0.18	0.13	0.17 B	0.18	0.22	0.25	0.11	0.24	0.18 B	0.23	0.71		0.34	
BOD5	--	2.4	4.4	3.5	3.5	U	U	2.3	U	U	U	U	3		U	
bromide	2	0.5	U	0.31 F	0.22 F	0.22 F	U	0.31 F	0.19 F	0.2 F	U	U	0.091 F		0.12 F	
COD	--	5	U	11.1	U	U	U	U	8 F	7.6 F	4.4 F	U	14		26 B	
chloride	250	1	16.8	18	18	17.3	15.8	15.7	14.9	13.3	11.6	11.7	12		12	
color	15	5	**200**	NA	NA	NA	NA	**160 J**	NA	NA	NA	**50**	NA		NA	
cyanide, Total	200	0.02	U	NA	NA	NA	NA	U	NA	NA	NA	U	NA		NA	
hardness, Total	--	1	284	276	236	255	204	272	272	320	200	173	680		240	
nitrate	10	1	U	U	U	U	U	0.03 F	U	U	U	0.032 F	0.021 F		U	
TKN	1	1	U	0.38	0.46	U	**1.2 B**	0.36 B	0.82	0.93	0.34 B	0.35	0.69		0.34	
sulfate	250	1	18.9	18.8	18.5	17.5	14.4	15.9	14.1	14.6	14.6	13.7	9.3		14	
TDS	500	10	351	348	347	277	315	312	305	254	230	246	220		290	
TOC	--	1	1.5	1.5	U	1.9	1.7	1.5	1.7	1.4 B	0.58 F	0.81 F	1.3		0.85 F	
phenolics, Total	--	0.005	0.0360	U	U	U	U	U	0.0050 F	U	U	U	NA		NA	

Landfill 2/3 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW2-1												
Date of Collection			9/25/2007		3/31/2008		9/17/2008	4/8/2009	3/30/2010						
Sample ID No.			LF2M2137MA		LF2M2137NA		LF2M2137OA	LF2M2137PA	LF2M2137QA						
Depth to Water (ft)			18.34		14.88		17.70	15.13	15.98						
VOCs (µg/L)															
1,1-dichloroethane	5*	1	NA		NA		NA	NA	NA						
1,2-dichloroethane	0.6	1	NA		NA		NA	NA	NA						
acetone	50	10	NA		NA		NA	NA	NA						
carbon disulfide	1,000	0.5	NA		NA		NA	NA	NA						
chloroethane	5*	1	NA		NA		NA	NA	NA						
cis-1,2-dichloroethene	5*	1	NA		NA		NA	NA	NA						
dichlorodifluoromethane	5*	1	NA		NA		NA	NA	NA						
methylene chloride	5*	1	NA		NA		NA	NA	NA						
trichlorofluoromethane	5*	1	NA		NA		NA	NA	NA						
vinyl chloride	2	1	NA		NA		NA	NA	NA						
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	U	U	93 F	960	50 F	U	U						
antimony	3	50	U	U	1.8 F	1.8 F	U	U	U						
arsenic	25	30	21 F	22 F	9.6 F	13 F	15 F	8.5 F	17 F						
barium	1,000	50	67	64	67	68	68	63	54						
berylium	3	4	U	U	U	U	U	U	U						
boron, Total	1,000	10	NA	NA	47 B	140	NA	46	40						
cadmium	5	5	U	U	U	U	U	U	U						
calcium	--	1,100	64,000	61,000	68,000	68,000	63,000	67,000	57,000						
chromium	50	10	3.1 F	3.3 F	3.4 F	3.6 F	3.8 F	3.5 F	U						
cobalt	--	60	U	U	19 F	20 F	U	6.6 F	U						
copper	200	10	U	U	U	U	U	U	U						
iron	300	200	**15,000**	**15,000**	**8,900**	**9,400**	**19,000**	**6,800**	**9,100**						
lead	25	25	U	U	U	U	U	U	U						
magnesium	35,000	1,000	13,000	13,000	14,000	14,000	13,000	14,000	11,000						
manganese	300	10	**7,300**	**7,200**	**8,000**	**7,800**	**7,600**	**8,200**	**6,900**						
molybdenum	--	15	3.2 F	3.2 F	U	U	U	U	U						
nickel	100	20	1.8 F	2.0 F	18 F	19 F	4.2 F	6.8 F	U						
potassium	--	1,000	930	880 F	1,100	1,000	1,000	1,200	1,200						
selenium	10	30	4.1 F	U	U	U	U	U	U						
silver	50	10	U	U	U	U	U	U	U						
sodium	20,000	1,000	7,800	7,400	7,700	7,600	6,800 B	8,400	7,300						
thallium	0.5	80	U	U	U	U	U	U	U						
vanadium	--	10	U	U	U	U	U	U	U						
zinc	2,000	20	56 B	47 B	23 B	23 B	17 F	89	5.9 F						
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	220		240		210	150	190						
ammonia	2	0.2	0.36		0.20		0.45	0.18	0.38						
BOD5	--	2.4	U		U		2.5	U	U						
bromide	2	0.5	0.074 F		0.083 F		0.11	0.12 F	0.092 F						
COD	--	5	13		17		13	20 B	7.0 F						
chloride	250	1	12		12		13	14	13						
color	15	5	NA		**60**		NA	**20**	U						
cyanide, Total	200	0.02	NA		NA		NA	NA	NA						
hardness, Total	--	1	200		250		250	240	190						
nitrate	10	1	U		0.042 F		U	0.21	0.016 F						
TKN	1	1	0.31		0.24 B		0.55 B	0.24	0.56 B						
sulfate	250	1	13		19		15	21	14						
TDS	500	10	310		280		250	260	240						
TOC	--	1	1.5 B		0.86 F		0.77 F	0.83 F	1.3						
phenolics, Total	--	0.005	NA		NA		NA	NA	NA						

Landfill 2/3 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW-4												
Date of Collection			12/4/2003	3/26/2004	6/25/2004	9/15/2004	12/14/2004	3/31/2005	6/21/2005	9/8/2005	12/19/2005	3/14/2006	9/13/2006		4/2/2007	
Sample ID No.			LF2M0437AA	LF2M0437BA	LF2M0437CA	LF2M0437DA	LF2M0437EA	LF2M0437FA	LF2M0437GA	LF2M0437HA	LF2M0437IA	LF2M0437JA	LF2M0437KA		LF2M0437LA	
Depth to Water (ft)			29.79	29.21	29.92	30.25	29.81	29.34	30.42	32.51	30.68	29.19	30.70		27.25	
VOCs (µg/L)																
1,1-dichloroethane	5*	1	U	0.24 F	U	U	U	U	0.24 F	U	U	U	NA		NA	
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
acetone	50	10	U	U	U	1.5 F	U	U	U	U	U	U	NA		NA	
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	NA		NA	
chloroethane	5*	1	U	0.41 F	0.29 F	U	U	U	0.29 F	U	U	U	NA		NA	
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
dichlorodifluoromethane	5*	1	3.5	1.7	1.5	1.8	2.7	2.6	1.5	U	2.3	1.9	NA		NA	
methylene chloride	5*	1	U	U	U	U	U	U	0.23 F	U	U	U	NA		NA	
trichlorofluoromethane	5*	1	U	0.28 F	U	0.26 F	U	U	U	U	U	U	NA		NA	
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
Metals (µg/L) [Dissolved / Total][1]																
aluminum	2,000	200	40.3 F	U	U	U	U	U	U	39.4 F	U	U	56.4 F	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	4.7 F	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	9.6 F	35 F	37.3 F	27.3 F	8.2 F	17.9 F	17.3 F	11.2 F	7 F	31.2 F	14 F	13.8 F	30 F	31 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	10	9.9 F	NA	NA	NA	NA	9.9 F	NA	NA	NA	11.9	NA	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	54,100	151,000	160,000	127,000	47,700	88,900	84,400	60,800	42,600	145,000	72,300	74,800	140,000	140,000
chromium	50	10	U	U	U	U	U	U	U	U	U	1.3 F	U	U	2.0 F	1.7 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	U	U	U	U	2.6 F	U	U	U	U	U	U	U	U
iron	300	200	44.9 F	55.9 F	20.9 F	U	U	U	U	68.5 F	U	U	10.5 F	27.6 F	9.5 F	U
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	10,800	19,300	19,600	17,700	9,320	11,300	12,500	11,000	9,920	15,600	10,300	10,600	14,000	15,000
manganese	300	10	54.1	122	115	129	23.9	55.1	66.3	10	5.1 F	2 F	27.2	26.1	14.0	13.0
molybdenum	--	15	U	U	U	U	U	1.6 F	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	U	U	U	U	U	U	1.2 F	U
potassium	--	1,000	930 F	1,940	1,820	1,540	771 F	1,210	1,150	928 F	651 F	1,480	926 F	921	1,400	1,400
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	3,910	2,810	2,950	3,190	3,680	3,440	3,450	3,760	4,000	3,580	3,410	3,550	3,200	3,300
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	U	U	U	U	U	U	U	3.9 F	4 F	U	38.5 B	29.2 B	U	U
mercury	0.7	1	U	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA	NA
Leachate Indicators (mg/L)																
alkalinity, Total	--	10	170	459	383	364	154	271	274	186	138	405	210		370	
ammonia	2	0.2	U	U	U	U	0.046 F	0.027 F	U	0.049 F	U	U	U		U	
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	U	0.02 F		U	
COD	--	5	U	U	U	U	U	U	U	U	U	U	U		6.1 F	
chloride	250	1	5.8	3.8	3.8	5.8	5.6	6.4	6.7	7.8	7	5.6	8.1		5.5	
color	15	5	0	NA	NA	NA	NA	UJ	NA	NA	NA	3	NA		NA	
cyanide, Total	200	0.02	U	NA	NA	NA	NA	U	NA	NA	NA	U	NA		NA	
hardness, Total	--	1	310	468	444	400	180	280	292	239	200	305	240		600	
nitrate	10	1	U	0.58 F	1.8 B	0.87 F	1.1	0.77 F	0.94 F	0.83 F	1.3	0.66 F	0.97 F		0.94	
TKN	1	1	**1.2**	0.15 F	0.23	0.077 F	U	0.06 F	0.64	0.67	U	0.36	U		U	
sulfate	250	1	12.9	15.6	16.1	15.4	U	15.6	15.2	15	14.4	15	14		16	
TDS	500	10	218	**511**	479	381	196	293	332	218	167	475	270		420	
TOC	--	1	1.3	1.5	U	1.4	U	0.68 F	0.94 F	0.64 F	U	1.3	0.54 F		0.42 F	
phenolics, Total	--	0.005	U	U	U	U	U	U	0.0050 F	U	U	U	NA		NA	

Landfill 2/3 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW-4												
Date of Collection			9/25/2007		3/31/2008		9/17/2008	4/8/2009	3/30/2010						
Sample ID No.			LF2M0437MA		LF2M0437NA		LF2M0437OA	LF2M0437PA	LF2M0437QA						
Depth to Water (ft)			32.50		27.65		31.57	28.01	29.69						
VOCs (µg/L)															
1,1-dichloroethane	5*	1	NA		NA		NA	NA	NA						
1,2-dichloroethane	0.6	1	NA		NA		NA	NA	NA						
acetone	50	10	NA		NA		NA	NA	NA						
carbon disulfide	1,000	0.5	NA		NA		NA	NA	NA						
chloroethane	5*	1	NA		NA		NA	NA	NA						
cis-1,2-dichloroethene	5*	1	NA		NA		NA	NA	NA						
dichlorodifluoromethane	5*	1	NA		NA		NA	NA	NA						
methylene chloride	5*	1	NA		NA		NA	NA	NA						
trichlorofluoromethane	5*	1	NA		NA		NA	NA	NA						
vinyl chloride	2	1	NA		NA		NA	NA	NA						
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	U	390.0	U	65 F	44 F	U	U						
antimony	3	50	U	U	U	2.0 F	U	U	U						
arsenic	25	30	U	U	U	U	U	U	U						
barium	1,000	50	11 F	13 F	33 F	33 F	12 F	26 F	6.7 F						
berylium	3	4	U	U	U	U	U	U	U						
boron, Total	1,000	10	NA	NA	11 B	12 B	NA	15	11						
cadmium	5	5	U	U	U	U	U	U	U						
calcium	--	1,100	69,000	69,000	160,000	160,000	75,000	130,000	46,000						
chromium	50	10	U	2.2 F	U	1.7 F	1.5 F	U	U						
cobalt	--	60	U	U	U	U	U	U	U						
copper	200	10	U	U	U	U	U	U	U						
iron	300	200	U	480	U	39 F	13 F	15 F	20 F						
lead	25	25	U	U	U	U	U	U	U						
magnesium	35,000	1,000	11,000	11,000	16,000	16,000	11,000	15,000	11,000						
manganese	300	10	U	42.0	1.6 F	12.0	7.0 F	150	3.7 F						
molybdenum	--	15	U	U	U	U	U	U	U						
nickel	100	20	U	1.8 F	U	U	U	U	U						
potassium	--	1,000	980 F	1,100	1,400	1,400	950 F	1,200	620 F						
selenium	10	30	U	U	U	U	U	U	U						
silver	50	10	U	U	U	U	U	U	U						
sodium	20,000	1,000	4,200	4,100	3,600	3500 B	4,900 B	4,700	4,800						
thallium	0.5	80	U	U	U	U	U	U	U						
vanadium	--	10	U	U	U	U	U	U	U						
zinc	2,000	20	16 F	52 B	11 F	10 F	21 B	50 B	5.8 F						
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	190		460		190	330	120						
ammonia	2	0.2	U		U		0.016 F	0.035 F	U						
BOD5	--	2.4	U		U		U	U	U						
bromide	2	0.5	0.029 F		U		0.038 F	0.035 F	0.031 F						
COD	--	5	11		6.3 F		U	6.7 F	U						
chloride	250	1	9.2		5.1		10	8.3	11						
color	15	5	NA		U		NA	U	U						
cyanide, Total	200	0.02	NA		NA		NA	NA	NA						
hardness, Total	--	1	180		470		240	380	160						
nitrate	10	1	2.3		1.3		3.5	2.0	3.7						
TKN	1	1	0.074 F		U		0.18 F	U	0.21 B						
sulfate	250	1	13		15		14	15	16						
TDS	500	10	270		480		260	390	190						
TOC	--	1	0.71 F		0.52 F		U	0.59	U						
phenolics, Total	--	0.005	NA		NA		NA	NA	NA						

Landfill 2/3 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW-12													
Date of Collection			**12/4/2003**	**3/26/2004**	**6/24/2004**	**9/15/2004**	**12/13/2004**	**3/31/2005**	**6/21/2005**	**9/8/2005**	**12/19/2005**	**3/14/2006**	**9/13/2006**		**4/3/2007**	
Sample ID No.			**LF2M1219AA**	**LF2M1219BA**	**LF2M1219CA**	**LF2M1219DA**	**LF2M1219EA**	**LF2M1219FA**	**LF2M1219GA**	**LF2M1219HA**	**LF2M1219IA**	**LF2M1219JA**	**LF2M1219KA**		**LF2M1219LA**	
Depth to Water (ft)			**9.62**	**8.99**	**10.16**	**10.31**	**9.43**	**9.09**	**10.77**	**12.74**	**10.50**	**8.94**	**11.12**		**8.07**	
VOCs (µg/L)																
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
acetone	50	10	U	U	1.6 F	U	U	U	U	U	U	U	NA		NA	
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	NA		NA	
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
dichlorodifluoromethane	5*	1	0.52 F	U	0.28 F	0.35 F	0.32 F	U	U	U	U	U	NA		NA	
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
trichlorofluoromethane	5*	1	0.21 F	U	U	U	U	U	U	U	U	U	NA		NA	
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
Metals (µg/L) [Dissolved / Total][1]																
aluminum	2,000	200	U	U	U	U	U	U	U	U	U	U	41.6 F	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	46.5 F	47.1 F	50.2	49.5 F	47.7 F	45.2 F	37.3	42.1 F	37.9 F	38.3 F	42.6 F	41.3 F	39 F	40 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	10	80.7	NA	NA	NA	NA	68.7	NA	NA	NA	55.9	NA	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	162,000	170,000	178,000	168,000	158,000	156,000	131,000	145,000	136,000	147,000	153,000	157,000	150,000	150,000
chromium	50	10	U	U	U	U	3 F	U	U	U	0.9 F	7.2 F	U	U	3.5 F	U
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	U	U	U	U	2.4 F	2.2 F	U	U	1.6 F	U	U	U	U
iron	300	200	U	**458**	177 F	**352**	**345**	**1,400**	238	58 F	198 F	82.1 F	U	59.6 F	U	56 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	17,900	18,600	19,400	17,200	15,900	14,800	12,600	12,200	11,000	12,100	12,000	12,300	13,000	13,000
manganese	300	10	94.2	263	293	271	**339**	**364**	**422**	**448**	279	**309**	**311**	**338**	**600**	**600**
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	3 F	U	1.8 F	U	U	U	U	U	U	U
potassium	--	1,000	8,340	8,060	8,390	8,940	8,700	8,060	7,510	8,710 B	8,360	7,340	8,450	8,260	7,800	7,900
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,640	2,950	2,960	2,600	2,220	2,350	2,130	2,090	1,410	2,120	2,960	2,720	2,300	2,400
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	U	U	U	U	U	U	U	U	4.8 F	U	15.5 F	16.9 F	U	U
mercury	0.7	1	U	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA	NA
Leachate Indicators (mg/L)																
alkalinity, Total	--	10	418	452	393	440	420	424	409	397	372	372	390		370	
ammonia	2	0.2	0.065	U	U	U	0.049 F	U	0.024 F	0.074	U	U	U		0.031 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	U	U		U	
COD	--	5	U	12.4	6 F	U	U	U	4.6 F	15.2	27.6 B	U	14		15	
chloride	250	1	2.5	2.7	2.5	2.6	2.3	2	1.6	1.9	1.5	1.6	1.2		0.95 F	
color	15	5	0	NA	NA	NA	NA	12 J	NA	NA	NA	U	NA		NA	
cyanide, Total	200	0.02	U	NA	NA	NA	NA	U	NA	NA	NA	U	NA		NA	
hardness, Total	--	1	750	496	516	505	468	448	424	468	400	298	400		410	
nitrate	10	1	**10.8**	7.0 J	U	4.8 F	5.2	3.8	2.6	2.1	1.3	2.8	2.4		1.0	
TKN	1	1	0.32	0.66 B	0.65 B	0.52	0.44 B	0.58 B	U	0.87	**1.1 B**	0.64	0.12 F		0.15 F	
sulfate	250	1	65.1	52.4	45.9	46.9	43.6	42.2	31.9	35	32.3	29.4	54		37	
TDS	500	10	**590**	**610**	**554**	**515**	485	481	470	448	409	483	**540**		46	
TOC	--	1	4	4.4	3.2	4.9	4.4	4	4.7	4.2 B	2.9	4	4.1		4.4	
phenolics, Total	--	0.005	U	U	0.009 F	U	U	U	0.0050 F	U	U	0.007 F	NA		NA	

Landfill 2/3 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW-12												
Date of Collection			9/25/2007		3/31/2008		9/17/2008	4/7/2009	3/29/2010						
Sample ID No.			LF2M1219MA		LF2M1219NA		LF2M1219OA	LF2M1219PA	LF2M1219QA						
Depth to Water (ft)			13.08		8.2		12.2	8.39	8.98						
VOCs (µg/L)															
1,1-dichloroethane	5*	1	NA		NA		NA	NA	NA						
1,2-dichloroethane	0.6	1	NA		NA		NA	NA	NA						
acetone	50	10	NA		NA		NA	NA	NA						
carbon disulfide	1,000	0.5	NA		NA		NA	NA	NA						
chloroethane	5*	1	NA		NA		NA	NA	NA						
cis-1,2-dichloroethene	5*	1	NA		NA		NA	NA	NA						
dichlorodifluoromethane	5*	1	NA		NA		NA	NA	NA						
methylene chloride	5*	1	NA		NA		NA	NA	NA						
trichlorofluoromethane	5*	1	NA		NA		NA	NA	NA						
vinyl chloride	2	1	NA		NA		NA	NA	NA						
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	U	U	120 F	1,300	U	U	U						
antimony	3	50	U	U	U	U	U	U	U						
arsenic	25	30	U	U	U	U	U	U	U						
barium	1,000	50	46 F	46 F	46 F	51	44 F	43 F	51 B						
berylium	3	4	U	U	U	U	U	U	U						
boron, Total	1,000	10	NA	NA	88	220	NA	63	59 B						
cadmium	5	5	U	U	U	U	U	U	U						
calcium	--	1,100	170,000	170,000	170,000	180,000	160,000	170,000	190,000						
chromium	50	10	U	U	U	1.9 F	U	U	U						
cobalt	--	60	U	U	U	U	U	U	U						
copper	200	10	U	U	U	U	U	U	U						
iron	300	200	U	22 F	U	97 F	27 F	45 F	23 F						
lead	25	25	U	U	U	U	U	U	U						
magnesium	35,000	1,000	13,000	13,000	15,000	15,000	14,000	14,000	15,000 B						
manganese	300	10	**870**	**680**	**1,100**	**1,200**	**1,900**	**1,500**	**1,700**						
molybdenum	--	15	U	U	U	U	U	U	U						
nickel	100	20	1.7 F	1.4 F	1.3 F	1.3 F	1.6 F	U	U						
potassium	--	1,000	9,200	9,400	8,200	8,200	8,500	7,900	8,700						
selenium	10	30	U	U	U	U	U	U	U						
silver	50	10	U	U	U	U	U	U	U						
sodium	20,000	1,000	2,300	2,400	2,400	2,500	1,900 B	2,100	2,400 B						
thallium	0.5	80	U	U	U	U	U	U	U						
vanadium	--	10	U	U	U	U	U	U	U						
zinc	2,000	20	24 B	23 B	10 F	11 F	14 F	11 F	7.1 FB						
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	440		490		400	420	520						
ammonia	2	0.2	0.058		0.030 F		0.088 B	0.089	0.10 B						
BOD5	--	2.4	U		U		U	U	U						
bromide	2	0.5	U		U		0.031 F	0.062 F	0.037 F						
COD	--	5	11		8.5 F		3.7 F	20	9.2 FB						
chloride	250	1	1.2		1.8		1.2	1.5	2.3						
color	15	5	NA		U		NA	**20**	U						
cyanide, Total	200	0.02	NA		NA		NA	NA	NA						
hardness, Total	--	1	610		500		460	490	530						
nitrate	10	1	1.6		0.5		0.49 F	0.6	0.43 F						
TKN	1	1	0.19 F		0.22 B		0.32 B	U	0.52 B						
sulfate	250	1	22		22		35	24	20						
TDS	500	10	**500**		**520**		460	460	540						
TOC	--	1	3.9		3.4		3.3	4.0	3.9						
phenolics, Total	--	0.005	NA		NA		NA	NA	NA						

Landfill 2/3 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW-13													
Date of Collection			12/4/2003	3/26/2004	6/25/2004	9/15/2004	12/13/2004	3/31/2005	6/21/2005	9/8/2005	12/16/2005	3/14/2006	9/13/2006		4/2/2007	
Sample ID No.			LF2M1312AA	LF2M1312BA	LF2M1312CA	LF2M1312DA	LF2M1312EA	LF2M1312FA	LF2M1312GA	LF2M1312HA	LF2M1312IA	LF2M1312JA	LF2M1312KA		LF2M1312LA	
Depth to Water (ft)			3.12	2.47	4.32	4.46	2.68	2.78	5.15	6.97	4.53	2.46	5.63		2.25	
VOCs (µg/L)																
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
acetone	50	10	U	U	1.6 F	3.9 F	U	U	U	U	U	U	NA		NA	
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	NA		NA	
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
Metals (µg/L) [Dissolved / Total][1]																
aluminum	2,000	200	1,140	**6,650**	60.7 F	42.8 F	103 F	544	NA	60.4 F	83.6 F	468	62.4 F	126 F	46 F	140 F
antimony	3	50	U	U	U	U	U	U	U	U	4.8 F	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	21.2 F	36.9 F	29 F	41.5 F	19.8 F	9.2 F	23.8 F	35.8 F	44.9 F	10.1 F	27.8 F	25.6 F	15 F	15 F
berylium	3	4	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	10	35	NA	NA	NA	NA	11.5	NA	NA	NA	10.9	NA	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	54,100	44,600	82,500	96,000	54,300	29,500	83,500	92,600	103,000	33,400	77,800	74,500	75,000	72,000
chromium	50	10	1.8 F	10.9	U	U	U	1.5 F	U	U	1.2 F	1.4 F	U	3.96 F	2.6 F	1.7 F
cobalt	--	60	U	3.1 F	2.1 F	2.8 F	1.5 F	1 F	1.4 F	1.5 F	3.1 F	U	U	U	U	U
copper	200	10	4.9 F	23.1	U	U	U	3.4 F	1.7 F	U	2.1 F	5.6 F	U	2.03 F	U	U
iron	300	200	**2,620**	**10,200**	286	191	**1,250**	**1,200 J**	**494**	168 F	**485**	**404**	**361**	**775 J**	**930**	**1,200**
lead	25	25	U	3.9 F	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	5,220	7,080	6,070	8,060	4,580	2,450	6,270	7,450	9,460	2,480	6,100	5,820	6,200	6,100
manganese	300	10	**2,440**	**1,030**	**3,500**	**5,080**	**2,700**	**806**	**3,410**	**3,500**	**5,300**	144	**3,690**	**3,240**	**3,700**	**3,400**
molybdenum	--	15	U	U	U	U	U	1.1 F	U	U	U	U	U	U	U	U
nickel	100	20	3.9 F	9.7 F	7.1 F	7.2 F	3.4 F	2.4 F	3.7 F	3.8 F	8.6 F	U	3.48 F	4.88 F	2.2 F	2.2 F
potassium	--	1,000	3,420	4,700	3,430	4,280	2,500	1,710	2,850	4,040 B	3,700	2,100	3,020	3,040	2,800	2,900
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	1,360	1,120	1,430	3,140	1,350	713 F	1,680	2,900	2,970	1,050	2,130	1,950	1,800	1,900
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	3.4 F	14.9	U	U	1.5 F	1.3 F	U	U	U	3.1 F	1.87 F	3.42 F	0.84 F	1.4 F
zinc	2,000	20	5.8 F	23.7	9.2 F	U	U	U	U	4.7 F	4.4 F	U	1.84 F	18.3 F	U	U
mercury	0.7	1	U	NA	NA	NA	NA	U	NA	NA	NA	U	NA	NA	NA	NA
Leachate Indicators (mg/L)																
alkalinity, Total	--	10	147	105	192	280	149	84.3	264	278	294	96.5	230		210	
ammonia	2	0.2	0.24	0.0094 F	0.15 B	0.44	0.28 J	0.05	0.18	0.82	0.74	U	0.42		0.070	
BOD5	--	2.4	3.7	U	2.5	U	U	U	U	U	U	U	U		2.1	
bromide	2	0.5	U	U	U	U	U	U	U	U	0.57 J	0.48 F	0.023 F		0.065 F	
COD	--	5	12	U	18.5	15.1	12.1	U	U	15.6	U	UM	22		26 B	
chloride	250	1	2.8	1.4	1.9	2.2	1.1	1.1	1.8	2.5	3.2	1.3	1.4		1.7	
color	15	5	**60**	NA	NA	NA	NA	**50 J**	NA	NA	NA	**30**	NA		NA	
cyanide, Total	200	0.02	U	NA	NA	NA	NA	U	NA	NA	NA	U	NA		NA	
hardness, Total	--	1	190	176	220	315	188	88	272	272	290	82.1	250		260	
nitrate	10	1	U	U	0.15	U	U	U	U	U	U	0.05 F	0.011 F		U	
TKN	1	1	0.48	0.066 F	0.71	0.76	0.57 B	0.32 B	0.76	**1.7**	**1.4 J**	UM	0.64		0.19 F	
sulfate	250	1	11.5	8.8	2.9	25.1	8.4	2 J	9.1	15.5	33	2.4	17		3.1	
TDS	500	10	199	162	251	275	221	110	325	295	365	139	270		200	
TOC	--	1	6.1	3.4	6.2	9.1	7	3.4	6.3	4.7 B	5.3	3	6.8		5.5	
phenolics, Total	--	0.005	U	U	0.0038 F	U	U	U	0.0050 F	U	U	U	NA		NA	

Landfill 2/3 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW-13												
Date of Collection			9/25/2007		3/31/2008		9/17/2008	4/7/2009	3/29/2010						
Sample ID No.			LF2M1312MA		LF2M1312NA		LF2M1312OA	LF2M1312PA	LF2M1312QA						
Depth to Water (ft)			7.28		2.07		6.55	2.18	3.56						
VOCs (µg/L)															
1,1-dichloroethane	5*	1	NA		NA		NA	NA	NA						
1,2-dichloroethane	0.6	1	NA		NA		NA	NA	NA						
acetone	50	10	NA		NA		NA	NA	NA						
carbon disulfide	1,000	0.5	NA		NA		NA	NA	NA						
chloroethane	5*	1	NA		NA		NA	NA	NA						
cis-1,2-dichloroethene	5*	1	NA		NA		NA	NA	NA						
dichlorodifluoromethane	5*	1	NA		NA		NA	NA	NA						
methylene chloride	5*	1	NA		NA		NA	NA	NA						
trichlorofluoromethane	5*	1	NA		NA		NA	NA	NA						
vinyl chloride	2	1	NA		NA		NA	NA	NA						
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	U	U	300 B	1,200	90 F	88 F	73 F♦						
antimony	3	50	U	U	U	1.6 F♦	U	**5.3 F**	U						
arsenic	25	30	U	U	U	U	U	U	U						
barium	1,000	50	29 F♦	30 F	11 F	21 F	33 F	11 F	17 FB						
berylium	3	4	U	U	U	U	U	U	U						
boron, Total	1,000	10	NA	NA	43 B	20 B♦	NA	19♦	23 B♦						
cadmium	5	5	U	U	U	U	U	U	U						
calcium	--	1,100	83,000	88,000	49,000	47,000	89,000	44,000	54,000 B						
chromium	50	10	1.6 F♦	2.1 F	1.4♦	6.2 F	2.2 F	U	U						
cobalt	--	60	U	U	U	U	U	U	U						
copper	200	10	U	U	U	7.1 F	U	4.5 F♦	U						
iron	300	200	**920**	**960**	**210**	**2,300**	**390♦**	240♦	250♦						
lead	25	25	U	U	U	U	U	U	U						
magnesium	35,000	1,000	6,700	7,100	3,800	4,100	7,300♦	3,700	4,300 B						
manganese	300	10	**4,900**	**5,400**	**530♦**	**910**	**5,200**	**400**	65 J						
molybdenum	--	15	3.2 F♦	3.5 F♦	U	U	U	U	U						
nickel	100	20	2.3 F♦	3.1 F	1.3 F	5.3 F	3.1 F	U	U						
potassium	--	1,000	4100♦	4,200	2,200	2,600	3,500	2,500	3,600 B♦						
selenium	10	30	2.9 F♦	3.5 F	U	U	U	U	U						
silver	50	10	U	U	U	U	U	U	U						
sodium	20,000	1,000	2,200	2,300	1,600	1800 B	3,800 B	1,100	1,600 B						
thallium	0.5	80	U	U	U	U	U	U	U						
vanadium	--	10	U	0.69 F♦	1.2 F	5.1 F	1.2 F	U	U						
zinc	2,000	20	45 B	79 B♦	13 F♦	22 B♦	13 F♦	16 F♦	6.0 FB						
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA						
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	250		140		260	110	150♦						
ammonia	2	0.2	0.55♦		0.023 F		0.30♦	0.034 F	0.068 B						
BOD5	--	2.4	U		U		U	U	U						
bromide	2	0.5	0.050 F♦		U		0.074 F♦	0.012 F	U						
COD	--	5	20		20 J		22♦	23 J♦	9.5 FB						
chloride	250	1	1.9		2.2♦		1.6♦	0.53 F	0.65 F						
color	15	5	NA		15		NA	**20**	U						
cyanide, Total	200	0.02	NA		NA		NA	NA	NA						
hardness, Total	--	1	220		140		330♦	140	150						
nitrate	10	1	U		0.10 ♦		U	0.036 F♦	0.015 F						
TKN	1	1	0.85 J		0.35 B		0.76 J♦	0.15 F	0.45 B						
sulfate	250	1	5.7		8.8 J♦		12	2.9	8.5						
TDS	500	10	300♦		150		310	100	230♦						
TOC	--	1	5.3♦		4.3		6.4	4.5♦	3.3						
phenolics, Total	--	0.005	NA		NA		NA	NA	NA						

Landfill 2/3 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW-14											
Date of Collection			12/4/2003	3/31/2005	3/14/2006	4/2/2007		3/31/2008		4/8/2009	3/29/2010			
Sample ID No.			LF2M1416AA	LF2M1416FA	LF2M1416JA	LF2M1416LA		LF2M1416NA		LF2M1416PA	LF2M1416QA			
Depth to Water (ft)			7.89	7.63	7.67	6.70		7.31		7.36	8.08			
VOCs (µg/L)														
1,1-dichloroethane	5*	1	U	U	U	NA		NA		NA	NA			
1,2-dichloroethane	0.6	1	U	U	U	NA		NA		NA	NA			
acetone	50	10	1.9 F	U	U	NA		NA		NA	NA			
carbon disulfide	1,000	0.5	U	U	U	NA		NA		NA	NA			
chloroethane	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			
methylene chloride	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			
Metals (µg/L) [Dissolved / Total][1]														
aluminum	2,000	200	978	846	836	680	760	750 B	1300	800	790			
antimony	3	50	U	U	U	U	U	U	U	U	U			
arsenic	25	30	U	U	U	U	U	U	U	U	U			
barium	1,000	50	67.8	53.6	53.1	52	53	52	54	52	49 FB			
berylium	3	4	0.80 F	0.6 F	0.5 F	0.61 F	0.60 F	0.55 F	0.55 F	0.59 F	0.50 F			
boron, Total	1,000	10	6.2 F	5.3 F	6.3 F	NA	NA	5.9 F	44 B	6.7 F	8.9 FB			
cadmium	5	5	U	U	U	U	U	U	U	U	U			
calcium	--	1,100	1,600	1,820	1,460	1,500	1,500	1,400	2,200	1,600	1,800 B			
chromium	50	10	U	1 F	0.8 F	U	U	U	U	U	U			
cobalt	--	60	2.1 F	3.2 F	3.3 F	U	U	U	U	U	U			
copper	200	10	4.7 F	5.4 F	5.5 F	3.8 F	4.3 F	3.5 F	4.4 F	4.5 F	4.4 F			
iron	300	200	35 F	107 F	144 F	8.4 F	46 F	U	140 F	64 F	61 F			
lead	25	25	U	U	U	U	U	U	U	U	U			
magnesium	35,000	1,000	766 F	751 F	648 F	680 F	680	640 F	720 F	780 F	820 FB			
manganese	300	10	135	123	123	120	120	110	110	120	120			
molybdenum	--	15	U	0.8 F	U	U	U	U	U	U	U			
nickel	100	20	5 F	5 F	5.8 F	5.9 F	6.0 F	5.7 F	6.2 F	5.7 F	5.1 F			
potassium	--	1,000	252 F	227 F	220 F	U	U	130 F	180 F	U	U			
selenium	10	30	U	U	U	U	U	U	U	U	U			
silver	50	10	U	U	U	U	U	U	U	U	U			
sodium	20,000	1,000	663 F	1,240	1,730	1,200	1,200	1300 B	1300 B	1,300	1,800 B			
thallium	0.5	80	U	U	U	U	U	U	U	U	U			
vanadium	--	10	U	U	U	U	1.8 F	U	0.71 F	U	U			
zinc	2,000	20	34.4	25.6	29.8	29	29	35 B	36 B	40 B	31 B			
mercury	0.7	1	U	U	U	NA	NA	NA	NA	NA	NA			
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	U	2.4 F	0.89 F	U		U		U	U			
ammonia	2	0.2	U	0.039 F	U	U		U		U	U			
BOD5	--	2.4	U	U	U	U		U		U	U			
bromide	2	0.5	U	U	0.34 F	U		U		U	U			
COD	--	5	U	U	U	17 B		4.1 F		9.0 F	U			
chloride	250	1	2.6	2.4	2.8	2		0.53 F		1.9	2.1			
color	15	5	0	10 J	U	NA		U		U	U			
cyanide, Total	200	0.02	U	U	U	NA		NA		NA	NA			
hardness, Total	--	1	28	8	1.8 F	U		28		U	7.8			
nitrate	10	1	U	0.07 F	0.09 F	0.11		U		0.19	0.078 F			
TKN	1	1	U	0.27 B	0.12 F	U		U		U	0.52 B			
sulfate	250	1	9.7	12	7.8	8.8		2.2		10	10			
TDS	500	10	30	33	30	U		26		U	38 B			
TOC	--	1	U	0.93 F	1.2	1.2		1.2		1.2	1.9			
phenolics, Total	--	0.005	U	U	U	NA		NA		NA	NA			

Landfill 2/3 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW-100													
Date of Collection			12/4/2003	3/26/2004	6/25/2004	9/16/2004	12/14/2004	4/1/2005	6/22/2005	9/7/2005	12/19/2005	3/15/2006	9/14/2006		4/3/2007	
Sample ID No.			LF2M10009AA	LF2M10011BA	LF2M10015CA	LF2M10026DA	LF2M10031EA	LF2M10022FA	LF2M10026FA	LF2M10046HA	LF2M10028IA	LF2M10021JA	LF2M10011KA		LF2M10008LA	
Depth to Water (ft)			9.42	10.92	15.24	25.70	30.90	21.80	26.37	46.15	27.80	20.91	10.80		8.06	
VOCs (µg/L)																
1,1-dichloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
1,2-dichloroethane	0.6	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
acetone	50	10	2.7 F	2.5 F	3.6 F	2.6 F	4.2 F	1.4 F	U	U	6.2 F	7.8 F	NA		NA	
carbon disulfide	1,000	0.5	U	U	U	U	U	U	U	U	U	U	NA		NA	
chloroethane	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
dichlorodifluoromethane	5*	1	U	U	U	U	U	U	U	UJ	U	U	NA		NA	
methylene chloride	5*	1	U	U	U	U	U	U	U	U	U	4.2	NA		NA	
trichlorofluoromethane	5*	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
vinyl chloride	2	1	U	U	U	U	U	U	U	U	U	U	NA		NA	
Metals (µg/L) [Dissolved / Total][1]																
aluminum	2,000	200	1,230	**13,900**	336	209	142 F	128 F	531	201	147 F	40.8 F	42.1 F	58.6 F	U	190 F
antimony	3	50	**7.5 F**	U	U	U	U	**4 F**	**5.7 F**	U	5.6 F	U	U	U	2.5 F	2.1 F
arsenic	25	30	U	7.4 F	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	**2,280**	**2,690**	**1,770**	**1,780**	**1,860**	**1,880**	**1,390**	**1,860**	**3,020**	**1,540**	**1,840**	**1,900**	**1,900**	**2,000**
berylium	3	4	0.4 F	1.2 F	U	U	U	U	U	0.3 F	0.3 F	0.3 F	U	U	U	U
boron, Total	1,000	10	706	NA	NA	NA	NA	769	NA	NA	NA	746	NA	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	68,000	74,600	47,300	49,200	47,400	49,000	39,000	54,700	83,600	46,500	52,800	56,600	60,000	64,000
chromium	50	10	5.2 F	**52**	3.4 F	2.5 F	U	2.5 F	**181**	**970**	**170**	8.8 F	**93.6**	**877**	18	**3,400**
cobalt	--	60	1.5 F	8.9 F	1.1 F	1.5 F	1.3 F	U	3.6 F	22.5	2.6 F	1.7 F	7.57 F	U	18 F	69
copper	200	10	81.3	184	18.8	8.9 F	8.6 F	6.3 F	24.8 F	21.9	10.1	3.3 F	3.28 F	16.4	7.5 F	**240**
iron	300	200	**1,920**	**22,200**	**427**	274	122 F	116 F	**1,170**	**5,220**	**560**	72.8 F	283	**1,760**	**2,200**	**27,000**
lead	25	25	U	17.2 F	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	22,400	26,700	15,300	16,600	15,300	15,600	12,400	16,800	25,600	14,300	16,300	17,300	18,000	19,000
manganese	300	10	130	**557**	86	88.7	77.4	80.8	106	**458**	260	107	**326**	**320**	**520**	**1,200**
molybdenum	--	15	25.2	29.5	17.8	21	15.9	10.5 F	21.3	47.1	29.4	15.9	22.5	35.8	46	190
nickel	100	20	19.9 F	76.6	9.7 F	8.3 F	6.6 F	7.3 F	**136**	**1,020**	68.7	87.9	**646**	**596**	**1,100**	**3,700**
potassium	--	1,000	28,600	28,200 F	24,100 F	22,200 F	23,800 F	33,200 J	30,000 M	40,000 M	50,900 M	31,500	28,800	30,200	29,000	30,000
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**1,920,000**	**1,660,000**	**1,390,000**	**1,400,000**	**1,490,000**	**1,400,000**	**1,220,000**	**1,500,000**	**1,810,000**	**1,390,000**	**1,660,000**	**1,700,000**	**1,700,000**	**1,800,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	**13.4 F**	**11.1 F**	U	U
vanadium	--	10	3.1 F	20.2	0.8 F	U	U	U	2.3 F	3.8 F	1 F	U	U	4.68 F	U	13
zinc	2,000	20	10.5 F	61.7	8.2 F	24.7	12.8 F	12.4	21.3	39	22	12.3 F	30.5 B	99.3 B	26	27
mercury	0.7	1	U	NA	NA	NA	NA	U	NA	NA	NA	U	U	NA	NA	NA
Leachate Indicators (mg/L)																
alkalinity, Total	--	10	126	136	141	183	177	171	183	187	189	187	170		140	
ammonia	2	0.2	**7.4**	U	**6**	**7.2**	**5.5**	**6.6**	0.25	**7.4**	**7.8**	**6.2**	**5**		**7.7**	
BOD5	--	2.4	2.2	U	U	NS	NA	NA	NA	NA	NA	NA	9.4		U	
bromide	2	0.5	**39.6**	**47.3**	U	**36**	U	NA	NA	**27.5**	**40.4**	**28.2**	**27**		**31**	
COD	--	5	47	U	178	36	U	73.8	U	41.8	40.3	45.9	41		72	
chloride	250	1	**3,070**	**3,890 R**	0.4 F	**3,220**	8.8	NA	NA	**4,060**	**4,670**	**3,900**	**2,600**		**2,700**	
color	15	5	**150**	NA	NA	NA	NA	NA	NA	NA	NA	U	NA		NA	
cyanide, Total	200	0.02	0.022	NA	NA	NA	NA	U	NA	NA	NA	U	NA		NA	
hardness, Total	--	1	510	300	188	210	196	184	196	265	350	124	380		220	
nitrate	10	1	U	UJ	U	U	0.28 F	NA	NA	U	U	U	0.2		1.1 F	
TKN	1	1	**9.3**	U	**6.6**	**6.5**	**4.8**	**7.4**	0.54	**7.1**	**10.9**	**7.9**	**7.1**		**7.9**	
sulfate	250	1	19.3	27.2	19.9	21.7	6.9	NA	NA	10.5	10	11.9	6.6 F		7.8 F	
TDS	500	10	**4,980**	**4,600**	**4,030**	**4,010**	**3,810**	NA	NA	**4,280**	**3,350**	**3,770**	**4,600**		**2,100**	
TOC	--	1	U	U	U	U	NA	0.79 F	1.7	1.5	U	1.2	1.5		2.0	
phenolics, Total	--	0.005	U	U	U	U	NA	0.008 F	NA	U	U	U	NA		NA	

Landfill 2/3 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF2MW-100													
Date of Collection			**9/26/2007**		**4/1/2008**		**9/18/2008**		**4/8/2009**		**3/29/2010**					
Sample ID No.			**LF2M10011MA**		**LF2M10008NA**		**LF2M10011OA**		**LF2M10008PA**		**LF2M10010QA**					
Depth to Water (ft)			**12.64**		**7.98**		**11.45**		**8.31**		**9.87**					
VOCs (µg/L)																
1,1-dichloroethane	5*	1	NA		NA		NA		NA		NA					
1,2-dichloroethane	0.6	1	NA		NA		NA		NA		NA					
acetone	50	10	NA		NA		NA		NA		NA					
carbon disulfide	1,000	0.5	NA		NA		NA		NA		NA					
chloroethane	5*	1	NA		NA		NA		NA		NA					
cis-1,2-dichloroethene	5*	1	NA		NA		NA		NA		NA					
dichlorodifluoromethane	5*	1	NA		NA		NA		NA		NA					
methylene chloride	5*	1	NA		NA		NA		NA		NA					
trichlorofluoromethane	5*	1	NA		NA		NA		NA		NA					
vinyl chloride	2	1	NA		NA		NA		NA		NA					
Metals (µg/L) [Dissolved / Total][1]																
aluminum	2,000	200	U	58 F	U	56 F	U	100 F	U	U	U	410				
antimony	3	50	2.3 F	7.1 F	2.3 F	2.7 F	3.4 F	U	U	U	U	U				
arsenic	25	30	U	U	U	U	U	4.2 F	U	U	U	U				
barium	1,000	50	**1,600**	**1,800**	**2,800**	**2,800**	**1,800**	**2,300**	**2,600**	**2,500**	**2,500**	**2,600**				
berylium	3	4	U	U	U	U	U	U	U	U	U	U				
boron, Total	1,000	10	NA	NA	750	760	NA	NA	790	810	NA	740				
cadmium	5	5	U	U	U	U	U	U	U	U	U	U				
calcium	--	1,100	67,000	68,000	92,000	93,000	63,000	84,000	79,000	82,000	81,000	78,000 B				
chromium	50	10	U	**2,200**	U	**140**	8.1 F	**480**	U	**120**	U	**200**				
cobalt	--	60	31 F	28 F	U	U	U	28 F	U	U	U	U				
copper	200	10	10	56	4.7 F	28	2.0 F	72	U	5.7 F	U	U				
iron	300	200	**4,900**	**14,000**	**830**	**1,500**	280	**12,000**	**850**	**1,900**	**2,000**	**2,800**				
lead	25	25	U	U	U	U	U	U	U	U	U	U				
magnesium	35,000	1,000	18,000	18,000	27,000	27,000	19,000	23,000	23,000	24,000	22,000	21,000				
manganese	300	10	**910**	**820**	**450**	**440**	250	**900**	**330**	**430**	270	**310**				
molybdenum	--	15	50	98	34	33	35	65	19	23	23 F	17 F				
nickel	100	20	**2,600**	**2,500**	**580 J**	**470 J**	**510**	**2,000**	**320**	**470**	**410 F**	**200 J**				
potassium	--	1,000	30,000	29,000	38,000	38,000	31,000	36,000	34,000	37,000	35,000	35,000				
selenium	10	30	U	U	U	U	U	U	U	U	U	U				
silver	50	10	U	U	U	U	U	U	U	U	U	U				
sodium	20,000	1,000	**1,600,000**	**1,600,000**	**2,000,000**	**2,100,000**	**1,600,000**	**2,100,000**	**1,900,000**	**2,000,000**	**1,900,000**	**1,900,000**				
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U				
vanadium	--	10	U	11	U	0.74 F	U	2.7 F	U	U	U	U				
zinc	2,000	20	38	64	12 F	13 F	63 B	16 F	29 B	24 B	18 F	11 FB				
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
Leachate Indicators (mg/L)																
alkalinity, Total	--	10	150		180		180		180		150					
ammonia	2	0.2	**8.1**		**9.7**		**8.3**		**9.1**		**7.9**					
BOD5	--	2.4	NA		U		NA		3.0		U					
bromide	2	0.5	**25**		**34**		**28**		**33**		**31**					
COD	--	5	70		39		44		80 B		47 B					
chloride	250	1	**2,700**		**3,200**		**2,700**		**3,200**		**3,000**					
color	15	5	NA		U		NA		**20**		U					
cyanide, Total	200	0.02	NA		NA		NA		NA		NA					
hardness, Total	--	1	730		460		340		330		280					
nitrate	10	1	0.051 F		U		0.48 F		U		U					
TKN	1	1	**14**		**9.4**		**7.6**		**9.0**		**10**					
sulfate	250	1	6		8.8 F		8.8 F		7.5 F		U					
TDS	500	10	**4,600**		**5,700**		**4,600**		**5,300**		**4,900**					
TOC	--	1	2.2		1.1		1.8		1.7		1.4					
phenolics, Total	--	0.005	NA		NA		NA		NA		NA					

Landfill 2/3 AOC

Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF2SW-1												
Date of Collection			12/4/2003	3/26/2004	6/25/2004	9/15/2004	12/13/2004	3/31/2005	6/21/2005	9/8/2005	12/16/2005	3/10/2006	9/13/2006	4/3/2007	
Sample ID No.			LF2SW0101AA	LF2SW0101BA	LF2SW0101CA	LF2SW0101DA	LF2SW0101EA	LF2SW0101FA	LF2SW0101GA	Not Sampled	Not Sampled	LF2SW0101JA	Not Sampled	LF2SW0101LA	
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	NS	NS	Surface	NS	Surface	
VOCs (µg/L)															
acetone	50	10	4.2 F	4.5 F	3.8 F	4.5 F	2.9 F	3.1 F	3.2 F	NS	NS	13	NS	NA	
2-butanone (MEK)	50	10	U	U	U	U	U	U	U	NS	NS	U	NS	NA	
toluene	5	1	U	U	U	0.32 F	U	U	U	NS	NS	U	NS	NA	
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	**2,210**	**240**	**840**	**547**	**206**	36.1 F	**402**	NS	NS	83.3 F	NS	U	53 F
antimony	3	50	U	U	U	U	U	U	U	NS	NS	U	NS	U	U
arsenic	50	30	U	U	U	U	U	U	U	NS	NS	U	NS	U	U
barium	1,000	50	22.5 F	7.9 F	17.8 F	18.8 F	4.6 F	3.6 F	23.1 F	NS	NS	7.1 F	NS	84 F	83 F
berylium	3	4	U	U	U	U	U	U	U	NS	NS	U	NS	U	U
boron, Total	1,000	110	15.3	NA	NA	NA	NA	5.1 F	NA	NS	NS	6.1 F	NS	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	NS	NS	U	NS	U	U
calcium	--	1,100	29,100	9,730	43,000	27,900	7,080	6,120	47,100	NS	NS	6,960	NS	11,000	10,000
chromium	50	10	2.2 F	U	0.9 F	U	U	U	U	NS	NS	1.1 F	NS	U	U
cobalt	5	60	U	U	U	U	U	U	U	NS	NS	U	NS	U	U
copper	200	10	4.6 F	U	2.2 F	U	U	3.4 F	3.4 F	NS	NS	1.9 F	NS	U	U
iron	300	200	**3,130**	**451**	**2,060**	**5,110**	**431**	133 F	**1,680**	NS	NS	240	NS	250	**1,000**
lead	50	25	4.1 F	U	U	U	U	U	U	NS	NS	U	NS	U	U
magnesium	35,000	1,000	2,970	918 F	4,130	2,140	898 F	672 F	4,990	NS	NS	818 F	NS	1,300	1,300
manganese	300	10	247	282	**333**	**926**	81	71.3	**425**	NS	NS	233	NS	27	70
molybdenum	--	15	U	U	U	U	U	0.6 F	U	NS	NS	U	NS	U	U
nickel	100	20	U	U	U	U	U	U	1.5 F	NS	NS	U	NS	1.6 F	U
potassium	--	1,000	3,690	1,140	2,430	3,980	2,200	1,180	3,120	NS	NS	1,040	NS	920 F	860 F
selenium	10	30	U	U	U	U	U	U	U	NS	NS	U	NS	U	U
silver	50	10	U	U	U	U	U	U	U	NS	NS	U	NS	U	U
sodium	--	1,000	564 F	552 F	1730	578	U	381 F	1,580	NS	NS	694 F	NS	1,500	1,300
thallium	0.5	80	U	U	U	U	U	U	U	NS	NS	U	NS	U	U
vanadium	--	10	2.9 F	U	1.2 F	1.5	U	U	1 F	NS	NS	U	NS	U	U
zinc	2,000	20	20.3	15.7 F	U	U	9 F	9 F	3.7 F	NS	NS	11.6 F	NS	20	24
mercury	0.7	1	U	NA	NA	NA	NA	U	NA	NS	NS	U	NS	NA	NA
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	74.4	22.8	94.8	78.1	24	21.6	139	NS	NS	22.2	NS	30	
ammonia	2	0.2	U	0.098	0.024 F	0.057	0.067	0.038 F	U	NS	NS	0.3	NS	U	
BOD5	--	2.4	5.1	2.8	6.8	U	U	3.2	5	NS	NS	2.5	NS	2.3	
bromide	2	0.5	U	U	U	U	U	U	U	NS	NS	U	NS	U	
COD	--	5	36.4	17.4	46.8	30	11.8	U	28.5	NS	NS	U	NS	17	
chloride	250	1	2.4	1.4	2.4	1	0.62 F	0.67 F	1.1	NS	NS	U	NS	1.1	
color	15	5	**140**	NA	NA	NA	NA	**25 J**	NA	NS	NS	**20**	NS	NA	
cyanide, Total	200	0.02	U	NA	NA	NA	NA	U	NA	NS	NS	U	NS	NA	
hardness, Total	--	1	116	28	112	90	56	12	160	NS	NS	15.3	NS	56	
nitrate	10	1	U	0.5 F	U	U	U	U	U	NS	NS	0.57 F	NS	U	
TKN	1	1	U	0.88	0.77	1	1 B	0.45 B	1.2	NS	NS	**1.2**	NS	0.29	
sulfate	250	1	7.5	3.8	5.4	2.1	2.9	1.4	13.2	NS	NS	U	NS	3.7	
TDS	500	10	144	59	172	88	65	45	189	NS	NS	46	NS	480	
TOC	--	1	8.1	3.7	12.6	11.7	5.3	U	13.2	NS	NS	4.1	NS	3.7	
Phenolics, Total	--	0.005	U	0.0032 F	U	U	U	U	0.01	NS	NS	U	NS	NA	

Landfill 2/3 AOC

Surface Water Analytical Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF2SW-1															
Date of Collection			**9/25/2007**	**3/31/2008**		**9/18/2008**	**4/7/2009**	**3/29/2010**										
Sample ID No.			**LF2SW0101MA**	**LF2SW0101NA**		**LF2SW0101OA**	**LF2SW0101PA**	**LF2SW0101QA**										
Depth to Water (ft)			**NS**	**Surface**		**NS**	**Surface**	**Surface**										
VOCs (µg/L)																		
acetone	50	10	NS	NS		NS	NS	NS										
2-butanone (MEK)	50	10	NS	NS		NS	NS	NS										
toluene	5	1	NS	NS		NS	NS	NS										
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	100	200	NS	**130 F**	**110 F**	NS	**41,000**	72 F										
antimony	3	50	NS	U	U	NS	U	U										
arsenic	50	30	NS	U	U	NS	13 F	U										
barium	1,000	50	NS	2.8 F	2.8 F	NS	220	6.9 FB										
berylium	3	4	NS	U	U	NS	1.6 F	U										
boron, Total	1,000	110	NS	14 B	11 B	NS	31	22 B										
cadmium	5	5	NS	U	U	NS	U	U										
calcium	--	1,100	NS	3,700	3,400	NS	41,000	19,000 B										
chromium	50	10	NS	U	U	NS	37	U										
cobalt	5	60	NS	U	U	NS	**18 F**	U										
copper	200	10	NS	U	U	NS	67	U										
iron	300	200	NS	41 F	78 F	NS	**66,000**	240										
lead	50	25	NS	U	U	NS	43	U										
magnesium	35,000	1,000	NS	490	430	NS	12,000	2,200 B										
manganese	300	10	NS	60	74	NS	**1,500**	17										
molybdenum	--	15	NS	U	U	NS	U	U										
nickel	100	20	NS	U	U	NS	44	U										
potassium	--	1,000	NS	500 F	440 F	NS	7,900	1,600 B										
selenium	10	30	NS	U	U	NS	U	U										
silver	50	10	NS	U	U	NS	U	U										
sodium	--	1,000	NS	370 F	300 F	NS	1,800	930 FB										
thallium	0.5	80	NS	U	U	NS	U	U										
vanadium	--	10	NS	U	U	NS	64	U										
zinc	2,000	20	NS	19 F	16 F	NS	270	24 B										
mercury	0.7	1	NS	NA	NA	NS	NA	NA										
Leachate Indicators (mg/L)																		
alkalinity, Total	--	10	NS	12		NS	66	50										
ammonia	2	0.2	NS	U		NS	0.2	U										
BOD5	--	2.4	NS	3.8		NS	5.0	U										
bromide	2	0.5	NS	U		NS	0.019 F	U										
COD	--	5	NS	15		NS	390	19 B										
chloride	250	1	NS	0.53 F		NS	0.92 F	0.50 F										
color	15	5	NS	15		NS	**50**	15										
cyanide, Total	200	0.02	NS	NA		NS	NA	NA										
hardness, Total	--	1	NS	20		NS	110	57										
nitrate	10	1	NS	U		NS	0.049 F	0.015 F										
TKN	1	1	NS	0.36 B		NS	**7.9**	0.78 B										
sulfate	250	1	NS	2.1		NS	3.7 F	3.5										
TDS	500	10	NS	U		NS	100	100										
TOC	--	1	NS	4.0		NS	10	8.8										
Phenolics, Total	--	0.005	NS	NA		NS	NA	NA										

Landfill 2/3 AOC

Surface Water Analytical Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF2SW-2												
Date of Collection			12/4/2003	3/26/2004	6/25/2004	9/15/2004	12/13/2004	3/31/2005	6/21/2005	9/8/2005	12/16/2005	3/10/2006	9/13/2006	4/2/2007	
Sample ID No.			LF2SW0201AA	LF2SW0201BA	LF2SW0201CA	LF2SW0201DA	LF2SW0201EA	LF2SW0201FA	Not Sampled	Not Sampled	Not Sampled	LF2SW0201JA	Not Sampled	LF2SW0201LA	
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	NS	NS	NS	Surface	NS	Surface	
VOCs (µg/L)															
acetone	50	10	3.6 F	3.1 F	3.2 F	3.7 F	2.8 F	11	NS	NS	NS	10	NS	NA	
2-butanone (MEK)	50	10	U	U	U	U	U	1.4 F	NS	NS	NS	U	NS	NA	
toluene	5	1	U	U	0.35 F	0.28 F	U	U	NS	NS	NS	U	NS	NA	
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	**3,620**	**1,420**	**1,800**	**2,390**	**349**	78.3 F	NS	NS	NS	80.9 F	NS	U	54 F
antimony	3	50	U	U	U	U	U	U	NS	NS	NS	U	NS	U	U
arsenic	50	30	U	U	U	4.3 F	U	U	NS	NS	NS	U	NS	U	U
barium	1,000	50	27 F	13.8 F	29.8 F	36.9 F	4.4 F	4.2 F	NS	NS	NS	2.8 F	NS	6.5 F	4.9 F
berylium	3	4	U	U	U	U	U	U	NS	NS	NS	U	NS	U	U
boron, Total	1,000	110	20.7	NA	NA	NA	NA	7.4 F	NS	NS	NS	6.3 F	NS	NA	NA
cadmium	5	5	U	U	U	U	U	U	NS	NS	NS	U	NS	U	U
calcium	--	1,100	31,600	19,100	50,200	42,800	12,200	9,000	NS	NS	NS	2,500	NS	17,000 J	13,000 J
chromium	50	10	3.1 F	1.7 F	1.6 F	1 F	U	U	NS	NS	NS	1.1 F	NS	1.9 F	U
cobalt	5	60	1.4 F	U	0.9 F	U	U	U	NS	NS	NS	U	NS	U	U
copper	200	10	4.8 F	U	7.5 F	4.3 F	U	8.1 F	NS	NS	NS	1.7 F	NS	U	U
iron	300	200	**4,020**	**1,450**	**3,410**	**5,160**	**398**	203	NS	NS	NS	71.3	NS	93 F	280
lead	50	25	U	U	U	U	U	U	NS	NS	NS	U	NS	U	U
magnesium	35,000	1,000	3,520	1,920	4,600	3,670	1,110	984 F	NS	NS	NS	370 F	NS	1,600 J	1,200 J
manganese	300	10	**459**	160	**660**	**1,710**	55.1	241	NS	NS	NS	13.2	NS	200 J	140 J
molybdenum	--	15	2.1 F	U	U	U	U	0.9 F	NS	NS	NS	2,260	NS	U	U
nickel	100	20	2.8 F	U	1.7 F	1.8 F	U	U	NS	NS	NS	U	NS	U	U
potassium	--	1,000	3,560	1,430	4,270	5,310	2,030	2,760	NS	NS	NS	U	NS	1,900	1,600
selenium	10	30	U	U	U	U	U	U	NS	NS	NS	U	NS	U	U
silver	50	10	U	U	U	U	U	U	NS	NS	NS	U	NS	U	U
sodium	--	1,000	892 F	840 F	1760	884 F	U	237 F	NS	NS	NS	1,100	NS	620 F	550 F
thallium	0.5	80	U	U	U	U	U	U	NS	NS	NS	U	NS	U	U
vanadium	--	10	5.3 F	2.6 F	2.4 F	4 F	U	U	NS	NS	NS	U	NS	U	U
zinc	2,000	20	13.4 F	U	9.3 F	10.8 F	U	6.7 F	NS	NS	NS	16.1 F	NS	U	6.3 F
mercury	0.7	1	U	NA	NA	NA	NA	U	NS	NS	NS	U	NS	NA	NA
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	83	42.4	107	122	36	33.6	NS	NS	NS	3.1 F	NS	50	
ammonia	2	0.2	U	U	0.64	0.16	U	0.2	NS	NS	NS	0.35	NS	0.025 F	
BOD5	--	2.4	3.9	2.2	4.1	4.2	U	7.6	NS	NS	NS	U	NS	2.2	
bromide	2	0.5	U	U	U	U	U	U	NS	NS	NS	U	NS	0.013 F	
COD	--	5	26.3	35.4	41.9	57.6	U	26.5	NS	NS	NS	U	NS	28 B	
chloride	250	1	2.1	1.1	5.2	1.2	0.52 F	0.65 F	NS	NS	NS	2.4	NS	0.92 F	
color	15	5	**160**	NA	NA	NA	NA	**25 J**	NS	NS	NS	15	NS	NA	
cyanide, Total	200	0.02	U	NA	NA	NA	NA	U	NS	NS	NS	U	NS	NA	
hardness, Total	--	1	136	76	140	140	64	32	NS	NS	NS	1.5 F	NS	40	
nitrate	10	1	U	U	U	U	U	0.06 F	NS	NS	NS	0.74 F	NS	0.064 F	
TKN	1	1	1	0.42	**1.6**	**1.2**	0.63 B	0.76 B	NS	NS	NS	0.91	NS	0.25	
sulfate	250	1	11.1	4.9	8.4	1.8	3	U	NS	NS	NS	3.5	NS	1.9	
TDS	500	10	148	89	180	154	68	45	NS	NS	NS	31	NS	53	
TOC	--	1	5.9	3.3	10.8	11.8	4.1	5.2	NS	NS	NS	5.2	NS	3.9	
Phenolics, Total	--	0.005	U	U	U	U	U	U	NS	NS	NS	U	NS	NA	

Landfill 2/3 AOC

Surface Water Analytical Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF2SW-2															
Date of Collection			**9/25/2007**	**3/31/2008**		**9/18/2008**	**4/8/2009**	**3/29/2010**										
Sample ID No.			**LF2SW0201MA**	**LF2SW0201NA**		**LF2SW0201OA**	**LF2SW0201PA**	**LF2SW0201QA**										
Depth to Water (ft)			**NS**	**Surface**		**NS**	**Surface**	**Surface**										
VOCs (µg/L)																		
acetone	50	10	NS	NS		NS	NS	NS										
2-butanone (MEK)	50	10	NS	NS		NS	NS	NS										
toluene	5	1	NS	NS		NS	NS	NS										
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	100	200	NS	54 F	**430 B**	NS	U	U										
antimony	3	50	NS	U	U	NS	U	U										
arsenic	50	30	NS	U	U	NS	U	U										
barium	1,000	50	NS	9.7 F	12 F	NS	11 F	9.0 FB										
berylium	3	4	NS	U	U	NS	U	U										
boron, Total	1,000	110	NS	11 B	11 B	NS	14	25 B										
cadmium	5	5	NS	U	U	NS	U	U										
calcium	--	1,100	NS	27,000	25,000	NS	41,000	43,000 B										
chromium	50	10	NS	U	U	NS	U	U										
cobalt	5	60	NS	U	U	NS	U	U										
copper	200	10	NS	U	2.3 F	NS	U	U										
iron	300	200	NS	180 F	**800**	NS	160 F	52 F										
lead	50	25	NS	U	U	NS	U	U										
magnesium	35,000	1,000	NS	2,200	2,100	NS	4,300	4,700 B										
manganese	300	10	NS	240	290	NS	42	30										
molybdenum	--	15	NS	U	U	NS	U	U										
nickel	100	20	NS	U	U	NS	U	U										
potassium	--	1,000	NS	1,500	1,600	NS	2,100	2,900 B										
selenium	10	30	NS	U	U	NS	U	U										
silver	50	10	NS	U	U	NS	U	U										
sodium	--	1,000	NS	590 F	540 F	NS	930 F	1,200 B										
thallium	0.5	80	NS	U	U	NS	U	U										
vanadium	--	10	NS	U	1.1 F	NS	U	U										
zinc	2,000	20	NS	14 F	18 F	NS	13 F	10 FB										
mercury	0.7	1	NS	NA	NA	NS	NS	NS										
Leachate Indicators (mg/L)																		
alkalinity, Total	--	10	NS	70		NS	120	130										
ammonia	2	0.2	NS	U		NS	0.029 F	U										
BOD5	--	2.4	NS	6.9		NS	U	U										
bromide	2	0.5	NS	U		NS	0.021 F	U										
COD	--	5	NS	44		NS	27	22 B										
chloride	250	1	NS	0.81 F		NS	0.54 F	0.51 F										
color	15	5	NS	**30**		NS	**25**	**20**										
cyanide, Total	200	0.02	NS	NA		NS	NA	NA										
hardness, Total	--	1	NS	68		NS	130	130										
nitrate	10	1	NS	0.018 F		NS	0.033 F	0.014 F										
TKN	1	1	NS	**1.2**		NS	0.23	**0.61 B**										
sulfate	250	1	NS	2.7		NS	3.1	2.7										
TDS	500	10	NS	67		NS	69	160										
TOC	--	1	NS	8.6		NS	6.2	8.5										
Phenolics, Total	--	0.005	NS	NA		NS	NA	NA										

Landfill 2/3 AOC

Surface Water Analytical Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF2SW-3												
Date of Collection			12/4/2003	3/26/2004	6/25/2004	9/15/2004	12/14/2004	3/31/2005	6/21/2005	9/8/2005	12/16/2005	3/10/2006	9/13/2006	4/2/2007	
Sample ID No.			Not Sampled	LF2SW0301BA	Not Sampled	Not Sampled	LF2SW0301EA	LF2SW0301FA	Not Sampled	Not Sampled	Not Sampled	LF2SW0301JA	Not Sampled	LF2SW0301LA	
Depth to Water (ft)			Surface	Surface	NS	NS	Surface	Surface	NS	NS	NS	Surface	NS	Surface	
VOCs (µg/L)															
acetone	50	10	NS	U	NS	NS	U	1.5 F	NS	NS	NS	U	NS	NA	
2-butanone (MEK)	50	10	NS	U	U	NS	U	U	NS	NS	NS	U	NS	NA	
toluene	5	1	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	NA	
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	NS	**1,580**	NS	NS	59.8	**320**	NS	NS	NS	**1,720**	NS	U	U
antimony	3	50	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	U	U
arsenic	50	30	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	U	U
barium	1,000	50	NS	14.1 F	NS	NS	6.7 F	11.5 F	NS	NS	NS	23 F	NS	5.3 F	3.6 F
berylium	3	4	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	U	U
boron, Total	1,000	110	NS	NA	NS	NS	NA	18.5	NS	NS	NS	11.3	NS	NA	NA
cadmium	5	5	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	U	U
calcium	--	1,100	NS	19,200	NS	NS	45,800	37,000	NS	NS	NS	29,400	NS	63,000	60,000
chromium	50	10	NS	1.5 F	NS	NS	U	U	NS	NS	NS	2.4 F	NS	5.3 F	2.8 F
cobalt	5	60	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	U	U
copper	200	10	NS	U	NS	NS	U	4.1 F	NS	NS	NS	4.4 F	NS	U	U
iron	300	200	NS	**1,380**	NS	NS	24.8	298	NS	NS	NS	**1,700**	NS	29 F	25 F
lead	50	25	NS	U	NS	NS	U	2.7 F	NS	NS	NS	4.2 F	NS	U	U
magnesium	35,000	1,000	NS	2,190	NS	NS	8,700	5,900	NS	NS	NS	3,920	NS	12,000	12,000
manganese	300	10	NS	44.4	NS	NS	82.2	**377**	NS	NS	NS	296	NS	**6,600**	**7,100**
molybdenum	--	15	NS	U	NS	NS	U	0.6 F	NS	NS	NS	U	NS	U	U
nickel	100	20	NS	U	NS	NS	U	U	NS	NS	NS	1.9 F	NS	1.3 F	1.3 F
potassium	--	1,000	NS	1,370	NS	NS	580 F	1,090	NS	NS	NS	1,610	NS	1,200	1,100
selenium	10	30	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	U	4.8 F
silver	50	10	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	U	U
sodium	--	1,000	NS	929 F	NS	NS	3,910	2,450	NS	NS	NS	2,080	NS	5,800	6,200
thallium	0.5	80	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	U	U
vanadium	--	10	NS	3.2 F	NS	NS	U	U	NS	NS	NS	3.2 F	NS	U	U
zinc	2,000	20	NS	6.7 F	NS	NS	U	5.2 F	NS	NS	NS	11.2 F	NS	U	U
mercury	0.7	1	NS	NA	NS	NS	NA	U	NS	NS	NS	U	NS	NA	NA
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	NS	49	NS	NS	136	116	NS	NS	NS	76	NS	200	
ammonia	2	0.2	NS	U	NS	NS	0.1	0.059	NS	NS	NS	U	NS	0.19	
BOD5	--	2.4	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	U	
bromide	2	0.5	NS	U	NS	NS	U	U	NS	NS	NS	U	NS	0.088 F	
COD	--	5	NS	18.7	NS	NS	U	13.1	NS	NS	NS	15.8	NS	26 B	
chloride	250	1	NS	1.4	NS	NS	6.5	3.4	NS	NS	NS	2.6	NS	9.0	
color	15	5	NS	NA	NS	NS	NA	**20 J**	NS	NS	NS	**25**	NS	NA	
cyanide, Total	200	0.02	NS	NA	NS	NS	NA	U	NS	NS	NS	U	NS	NA	
hardness, Total	--	1	NS	60	NS	NS	156	120	NS	NS	NS	75.3	NS	230	
nitrate	10	1	NS	0.21 F	NS	NS	0.05 F	0.18 F	NS	NS	NS	0.4 F	NS	0.055 F	
TKN	1	1	NS	0.38	NS	NS	0.35	**1.4**	NS	NS	NS	0.72	NS	0.41	
sulfate	250	1	NS	4.7	NS	NS	10.2	7.3	NS	NS	NS	10.6	NS	9.9	
TDS	500	10	NS	95	NS	NS	200	138	NS	NS	NS	118	NS	260	
TOC	--	1	NS	2.9	NS	NS	2.7	3.3	NS	NS	NS	21.6	NS	2.1	
Phenolics, Total	--	0.005	NS	0.0098 F	NS	NS	U	U	NS	NS	NS	U	NS	NA	

Landfill 2/3 AOC

Surface Water Analytical Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF2SW-3															
Date of Collection			**9/25/2007**	**3/31/2008**		**9/18/2008**	**4/8/2009**	**3/29/2010**										
Sample ID No.			**LF2SW0301MA**	**LF2SW0301NA**		**LF2SW0301OA**	**LF2SW0301PA**	**LF2SW0301QA**										
Depth to Water (ft)			**NS**	**Surface**		**NS**	**Surface**	**NS**										
VOCs (µg/L)																		
acetone	50	10	NA	NA		NA	NA	NA										
2-butanone (MEK)	50	10	NA	NA		NA	NA	NA										
toluene	5	1	NA	NA		NA	NA	NA										
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	100	200	NS	**160 F**	**280 B**	NS	86 F	NS										
antimony	3	50	NS	U	2.1 F	NS	U	NS										
arsenic	50	30	NS	U	U	NS	U	NS										
barium	1,000	50	NS	6.3 F	7.4 F	NS	5.8 F	NS										
berylium	3	4	NS	U	U	NS	U	NS										
boron, Total	1,000	110	NS	24 B	9.6 F	NS	16	NS										
cadmium	5	5	NS	U	U	NS	U	NS										
calcium	--	1,100	NS	22,000	22,000	NS	49,000	NS										
chromium	50	10	NS	U	U	NS	U	NS										
cobalt	5	60	NS	U	U	NS	U	NS										
copper	200	10	NS	U	U	NS	U	NS										
iron	300	200	NS	80 F	**330**	NS	72 F	NS										
lead	50	25	NS	U	U	NS	U	NS										
magnesium	35,000	1,000	NS	2,600	2,600	NS	7,700	NS										
manganese	300	10	NS	2.5 F	67	NS	29	NS										
molybdenum	--	15	NS	U	U	NS	U	NS										
nickel	100	20	NS	U	U	NS	U	NS										
potassium	--	1,000	NS	830 F	850 F	NS	720 F	NS										
selenium	10	30	NS	U	U	NS	U	NS										
silver	50	10	NS	U	U	NS	U	NS										
sodium	--	1,000	NS	890 F	830 F	NS	2,900	NS										
thallium	0.5	80	NS	U	U	NS	U	NS										
vanadium	--	10	NS	U	U	NS	U	NS										
zinc	2,000	20	NS	11 F	13 F	NS	17 F	NS										
mercury	0.7	1	NS	NA	NA	NS	NA	NS										
Leachate Indicators (mg/L)																		
alkalinity, Total	--	10	NS	70		NS	140	NS										
ammonia	2	0.2	NS	U		NS	0.029 F	NS										
BOD5	--	2.4	NS	U		NS	2.2	NS										
bromide	2	0.5	NS	U		NS	0.030 F	NS										
COD	--	5	NS	35		NS	23	NS										
chloride	250	1	NS	0.91 F		NS	3.3	NS										
color	15	5	NS	**25**		NS	15	NS										
cyanide, Total	200	0.02	NS	NA		NS	NA	NS										
hardness, Total	--	1	NS	72		NS	160	NS										
nitrate	10	1	NS	U		NS	0.34	NS										
TKN	1	1	NS	0.41 B		NS	0.21	NS										
sulfate	250	1	NS	4.9		NS	8.7	NS										
TDS	500	10	NS	68		NS	130	NS										
TOC	--	1	NS	5.1		NS	3.2	NS										
Phenolics, Total	--	0.005	NS	NA		NS	NA	NS										

Landfill 2/3 AOC

Gas Monitoring Results - Methane and LEL

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

Landfill 2/3 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Landfill 2/3 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Landfill 2/3 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Landfill 2/3 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Landfill 2/3 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Landfill 2/3 AOC

Gas Monitoring Results - Methane and LEL (continued)

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

Landfill 2/3 AOC

Gas Monitoring Results - Methane and LEL (continued)

Sample Location	6-May-10				26-Oct-10															
	Barometric Pressure (in.) = 29.05-29.06				Barometric Pressure (in.) = 29.24				Barometric Pressure (in.) =				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 (%)	LEL (%)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
LF2GMP-01	0	0.0	16.9	2.2	0	0.0	18.5	1.6												
LF2GMP-02	>100	5.4	1.0	16.3	0	0.0	15.8	4.8												
LF2GMP-03	0	0.0	21.0	0.0	0	0.0	17.4	2.5												
LF2GMP-04	0	0.0	21.0	0.0	0	0.0	18.1	1.8												
LF2GMP-05	0	0.0	21.0	0.0	0	0.0	18.4	1.5												
LF2GMP-06	0	0.0	21.3	0.0	3	0.2	17.4	2.2												
LF2GMP-07	0	0.0	20.9	0.5	5	0.3	18.1	2.3												
LF2GMP-08	0	0.0	20.5	0.6	0	0.0	18.4	1.8												
LF2GMP-09	0	0.0	21.0	0.3	0	0.0	18.9	1.3												
LF2VENT-01	43	2.1	18.4	1.1	0	0.0	19.5	0.6												
LF2VENT-02	0	0.0	21.0	0.0	0	0.0	19.4	0.6												
LF2VENT-03	7	0.3	20.4	0.3	0	0.0	19.4	0.7												
LF2VENT-04	41	2.0	14.2	5.2	1	0.0	19.1	0.9												
LF2VENT-05	77	3.8	16.7	3.8	0	0.0	19.1	0.9												
LF2VENT-06	>100	7.1	12.0	7.9	0	0.0	18.8	1.3												
LF2VENT-07	2	0.1	17.2	1.1	0	0.0	19.5	0.6												
LF2VENT-08	0	0.0	19.0	1.0	6	0.3	19.1	1.1												
LF2VENT-09	0	0.0	18.4	1.8	7	0.4	19.4	0.8												
LF2VENT-10	0	0.0	20.8	0.1	0	0.0	19.5	0.7												
LF2VENT-11	6	0.3	17.5	1.4	0	0.0	19.5	0.7												
LF2VENT-12	15	0.7	18.4	1.4	0	0.0	19.5	0.7												
LF2VENT-13	36	1.8	18.4	0.9	0	0.0	19.4	0.6												
LF2VENT-14	34	1.7	14.5	2.5	0	0.0	19.5	0.6												

Notes:

NI Not Installed

--- Not monitored

Landfill 7 AOC

Groundwater Analytical Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-22											
Date of Collection			**1/12/1999[§]**	**2/7/2003**	**6/17/2003**	**9/10/2003**	**12/3/2003**	**3/24/2004**	**6/24/2004**	**9/15/2004**	**12/9/2004**	**3/30/2005**	**6/21/2005**	**9/7/2005**
Sample ID No.			**LF7M2203AA**	**LF7MW2210AA**	**LF7MW2210BB**	**LF7M2208CA**	**LF7M2208DA**	**LF7M2208EA**	**LF7M2208FA**	**LF7M2208GA**	**LF7M2208HA**	**LF7M2208IA**	**LF7M2208JA**	**LF7M2208KA**
Depth to Water (ft)			**3.23**	**2.89**	**2.54**	**1.61**	**0.41**	**0.00**	**0.54**	**0.98**	**0.55**	**0.00**	**1.37**	**2.05**
VOCs (µg/L)														
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	NA	NA	NA	U	NA	NA
1,1-dichloroethene	5*	1	0.36 F	U	U	U	U	U	NA	NA	NA	U	NA	NA
benzene	1	0.1	0.22 F	U	U	U	U	U	NA	NA	NA	U	NA	NA
cis-1,2-dichloroethene	5*	1	3.58	0.26 F	0.69 F ♦	2.7	U	U	U	U	U	U	U	U
methylene chloride	5*	1	0.48 F	U	U	U	U	U	NA	NA	NA	U	NA	NA
trichloroethene (TCE)	5*	1	**18.3**	**6.15**	**7.5 J ♦**	**26**	0.42 F	2.5	**8.5**	3	1.4	0.97 F	**11.8**	1.9
toluene	5*	1	U	U	U	U	U	U	NA	NA	NA	U	NA	NA
trans-1,2-dichloroethene	5*	1	U	U	U	0.39 F	U	U	U	U	U	U	U	U
Metals (µg/L) [Dissolved / Total][1]														
aluminum	2,000	200	0.83 J	U	73.3 F	180 F	97.1 F	250	U	83.4 F	U	132 F	U	50.2 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	0.0661	73.7	79.5	53.1	86.8	88.8	88.4	98.1	110	103	89.7	116
berylium	3	4	U	U	U	U	U	0.6 F	U	U	U	0.3 F	U	U
boron, Total	1,000	110	287	285.6	257 B	NA	NA	288	NA	NA	NA	278	NA	NA
cadmium	5	5	1.2 F	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	177,210	189,058.5	166,000	133,000	177,000	186,000	185,000	177,000	177,000	197,000	156,000	180,000
chromium	50	10	1 F	U	U	U	U	U	U	U	U	U	U	U
cobalt	--	60	0.4 F	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	U	U	U	4.5 F	6.8 F	2 F	U	1.8 F	7.3 F	2.1 F	U
iron	300	200	**7,401 J**	**6,278.7**	**8,730**	**4,280**	**5,240**	**11,500**	**6,990**	**6,550**	**6,340**	**10,500**	**5,960**	**9,640**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	22,645	**50,165.2**	25,300	22,200	**43,700**	**49,700**	**36,900**	**39,500**	**42,100**	**50,400**	**35,700**	**37,400**
manganese	300	10	**1,914**	**919.8**	**2,090**	**1,330**	**937**	**808**	**1,780**	**1,090**	**1,090**	**888**	**887**	**1,160**
molybdenum	--	15	1	4.5 F	U	U	U	U	U	U	U	U	U	U
nickel	100	20	2 F	U	U	U	U	U	U	U	U	U	2.6 F	U
potassium	--	1,000	7,117	4,824.4	6,400	5,000	6,760	5,080	6,410	7,470	7,180	5,140	5,130	7,540
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	3 F	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	10,670	**20,185.6**	9,860	5,840	18,200	19,200	14,500	15,700	16,900	19,000	13,700	14,300
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	4 F	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	10 J	4.1 F	U	U	35.5	7.5 F	U	U	U	7.3 F	4 F	6.8 F
mercury	0.7	1	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	478	610	421	403	595	622	483	594	606	642	603	601
ammonia	2	0.2	0.700 J	0.42	0.77	0.61	0.61	0.44	0.65	0.83	0.74	0.52	0.39	0.84
BOD5	--	2.4	U	U	U	5.7	U	U	2.8	U	U	U	U	U
bromide	2	0.5	0.20 F	U	U	U	U	0.25 F	0.24 F	0.31 F	0.23 F	0.31 F	0.24 F	0.36 F
COD	--	5	U	U	23.6	U	U	10.8	6 F	U	10.5	U	5.3 F	U
chloride	250	1	7.15 F	17.9345	3.3	6.4	11.3	12.3	13.1	13.1	15.9	16.2	18.1	16.5
color	15	5	**25**	**150 R**	**20**	NA	NA	**40**	NA	NA	NA	**200 J**	NA	NA
cyanide, Total	200	0.02	U	0.00295 F	U	NA	NA	NA	NA	NA	NA	U	NA	NA
fluoride	1.5	1	U	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	475 J	678.51	522	463	790	670	612	640	668	655	690	72.7
nitrate	10	1	U	U	2.0	U	U	U	0.027 F	U	U	U	U	U
TKN	1	1	U	**1.68**	**1.1**	**1.1**	**1.6**	U	**1.2 B**	**1.3**	1	**1.8**	**1.2**	**1.5**
phosphate	--	1	U	0.0932 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sulfate	250	1	92.50 F	87.2678	4.8	55.5	82.6	83.2	85.5	69.8	72.3	79.7	72.2	55.4
TDS	500	10	**623**	**731**	306	**566**	**716**	**759**	**677**	**673**	**696**	**719**	**693**	**722**
TOC	--	1	3.99	3.05	1.6	U	3.1	3.1	1.6	3	3.3	2.6	3.2	4.7
phenolics, Total	--	0.005	0.0026 UJ	0.11245	U	U	U	0.0039 F	U	U	U	U	U	U

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-22																	
Date of Collection			12/15/2005	3/10/2006	9/14/2006		3/28/2007		9/25/2007		3/28/2008		9/16/2008	4/21/2009	4/1/2010					
Sample ID No.			LF7M2208LA	LF7M2208MA	LF7M2208NA		LF7M2208OA		LF7M2208PA		LF7M2208QA		LF7M2208RA	LF7M2208SA	LF7M2208TA					
Depth to Water (ft)			1.66	0.00	1.37		0.00		2.63		0.00		3.20	0.44	0.00					
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
1,1-dichloroethene	5*	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
benzene	1	0.1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
cis-1,2-dichloroethene	5*	1	U	U	NS		NS		NS		NS		NS	NS	NS					
methylene chloride	5*	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
trichloroethene (TCE)	5*	1	0.92 F	0.93 F	NS		NS		NS		NS		NS	NS	NS					
toluene	5*	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
trans-1,2-dichloroethene	5*	1	U	U	NS		NS		NS		NS		NS	NS	NS					
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	228	637	U	160 F	52 F	95 F	U	250	U	48 F	53 F	190 F	360					
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U					
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U					
barium	1,000	50	132	134	127	123	110	120	130	140	110	110	150	120	120					
berylium	3	4	0.4 F	0.5 F	U	U	U	U	U	U	U	0.17 F	U	U	U					
boron, Total	1,000	110	NA	288	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
cadmium	5	5	U	U	U	U	0.57 F	1.0 F	U	U	U	U	U	U	U					
calcium	--	1,100	191,000	204,000	186,000	184,000	200,000	210,000	180,000	190,000	200,000	200,000	200,000	190,000	180,000					
chromium	50	10	1 F	2.1 F	2.9 F	4.07 F	6.9 F	8.8 F	4F	4.2F	4.4 F	5.1 F	3.5 F	5.0 F	U					
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U					
copper	200	10	3.5 F	5.6 F	U	U	U	U	U	4.6F	U	U	U	U	U					
iron	300	200	**12,900**	**33,100**	**6,610**	**10,800**	**5,100**	**12,000**	**6,700**	**15,000**	**5,400**	**7,500**	**10,000**	**11,000**	**8,100**					
lead	25	25	U	2.5 F	U	U	U	U	U	U	U	U	U	U	U					
magnesium	35,000	1,000	**43,400**	**51,900**	**37,200**	**36,400**	**52,000**	**53,000**	**36,000**	**36,000**	**51,000**	**50,000**	**39,000**	**45,000**	**47,000**					
manganese	300	10	**1,130**	**963**	**1,250**	**1,270**	**840**	**860**	**1,200**	**1,300**	**870**	**850**	**1,300**	**1,000**	**880**					
molybdenum	--	15	U	1.7 F	U	U	U	U	U	U	U	U	U	U	U					
nickel	100	20	U	2.1 F	1.13 F	U	U	U	U	1.5F	U	U	U	2.2 F	U					
potassium	--	1,000	7,270	5,630	7,750	7,730	5,200	5,400	7,800	7,800	5,400	5,300	8,000	5,200	5,700					
selenium	--	30	U	U	U	U	U	U	U	U	U	U	2.9 F	U	U					
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U					
sodium	20,000	1,000	17,300	19,700	14,700	14,400	**21,000**	**21,000**	15,000	15,000	**21,000**	**20,000**	17,000	18,000	18,000					
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U					
vanadium	--	10	1 F	2.6 F	U	1 F	U	U	U	.92F	U	U	U	U	U					
zinc	2,000	20	8.5 F	9.2 F	15.6 F	31.6	U	U	23.0	29.0	1.0 F	1.1 F	19 F	17 F	23					
mercury	0.7	1	NA	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	605	633	NS		NS		NS		NS		NS	NS	NS					
ammonia	2	0.2	0.81	0.59	NS		NS		NS		NS		NS	NS	NS					
BOD5	--	2.4	U	U	NS		NS		NS		NS		NS	NS	NS					
bromide	2	0.5	0.32 F	0.49 F	NS		NS		NS		NS		NS	NS	NS					
COD	--	5	U	U	NS		NS		NS		NS		NS	NS	NS					
chloride	250	1	20.4	19.5	NS		NS		NS		NS		NS	NS	NS					
color	15	5	NA	**100**	NS		NS		NS		NS		NS	NS	NS					
cyanide, Total	200	0.02	NA	U	NS		NS		NS		NS		NS	NS	NS					
fluoride	1.5	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
hardness, Total	--	1	660	588	NS		NS		NS		NS		NS	NS	NS					
nitrate	10	1	U	U	NS		NS		NS		NS		NS	NS	NS					
TKN	1	1	**1.9**	0.82	NS		NS		NS		NS		NS	NS	NS					
phosphate	--	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
sulfate	250	1	79.3	82.2	NS		NS		NS		NS		NS	NS	NS					
TDS	500	10	**698**	**750**	NS		NS		NS		NS		NS	NS	NS					
TOC	--	1	2	3.7 B	NS		NS		NS		NS		NS	NS	NS					
phenolics, Total	--	0.005	U	U	NS		NS		NS		NS		NS	NS	NS					

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-23											
Date of Collection			1/12/1999[8]	2/7/2003	6/17/2003	9/10/2003	12/4/2003	3/25/2004	6/24/2004	9/15/2004	12/9/2004	3/30/2005	6/21/2005	9/7/2005
Sample ID No.			LF7MW2303AA	LF7MW2311AA	LF7MW2316BB	LF7M2310CA	LF7M2300DA	LF7M2312EA	LF7M2312FA	LF7M2312GA	LF7M2312HA	LF7M2312IA	LF7M2312JA	LF7M2312KA
Depth to Water (ft)			**3.08**	**1.93**	**2.06**	**0.75**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.28**	**0.47**
VOCs (µg/L)														
1,1,1-trichloroethane	5*	1	U	U	U	U	U	U	NA	NA	NA	U	NA	NA
1,1-dichloroethene	5*	1	U	U	U	U	U	U	NA	NA	NA	U	NA	NA
benzene	1	0.1	U	U	U	U	U	U	NA	NA	NA	U	NA	NA
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	0.63 B	U	U	U	U	U	NA	NA	NA	U	NA	NA
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	U	0.19 F	U	U	U	U	NA	NA	NA	U	NA	NA
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
Metals (µg/L) [Dissolved / Total][1]														
aluminum	2,000	200	420	U	26.6 F ♦	636 J	296	**2,110**	581	616	162 F	366	360	231
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	29.6	21.1 F	18.5 F ♦	51.6	21.4 F	26.2 F	21.7 F	22.4 F	19.7 F	21.4	19.9 F	24 F
berylium	3	4	U	U	U	U	U	0.3 F	U	U	U	U	U	U
boron, Total	1,000	110	U	U	69.3 B ♦	NA	NA	27.5	NA	NA	NA	26.2	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	38,620	22,058.1	20,400	48,000	22,400	22,300	23,300	23,300	21,700	23,900	22,200	23,600
chromium	50	10	1 F	1.0 F	U	U	U	2.4 F	1.1 F	U	U	1.1 F	U	U
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	0.9 F
copper	200	10	U	U	U	U	U	2.4 F	1.7 F	U	U	U	U	U
iron	300	200	**1,409**	140.9 F	62.3 F ♦	**937**	**404**	**1,990**	**946**	**856**	276	**533**	**525**	**568**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	7,237.6	6,521.7	5,720	14,000	6,210	6,740	6,420	6,430	6,070	6,690	6,210	5,440
manganese	300	10	**405.4**	60.1	23.2 ♦	119	36.8	51.3	46.1	38.7	27.5	53.3	41.4	103
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	1 F	U	U	U	U	U	1.8 F	U	U	1.6 F	2.8 F	U
potassium	--	1,000	2,093	1,658.7	1,900 ♦	3,260	2,220	2,720	2,200	2,500	2,240	2,010	1,980	1,900
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	8,410	11,176	9,560	7,020	10,100	9,740	9,510	10,300	9,900	9,990	9,290	8,720
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	1 F	U	U	U	U	4.2 F	1.5 F	1.2 F	U	1 F	U	U
zinc	2,000	20	10	3.5 F	U	U	2.7 F	U	57.3	34.4	17 F	27.4	41.7	25.8
mercury	0.7	1	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	156	85	79.2	173	94	82.6	71.9	86.3	89.5	86	89	93
ammonia	2	0.2	0.28	U	0.26	0.34	0.32	0.3	0.32	0.38	0.36	0.3	0.31	0.32
BOD5	--	2.4	U	U	U	U	U	2	U	U	U	U	U	7.4 B
bromide	2	0.5	0.11 F	U	U	U	U	U	U	U	U	U	U	U
COD	--	5	U	U	U	U	U	U	U	U	14.1	U	U	U
chloride	250	1	2.89 F	2.1783	1.8	1.7	2.1	0.52 F	1.8	2	1.9	1.8	1.7	2.4
color	15	5	U	5 R	0	NA	NA	15	NA	NA	NA	**20 J**	NA	NA
cyanide, Total	200	0.02	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA
fluoride	1.5	1	U	0.1017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	148	86.28	45.6 ♦	195	140	72	92	90	100	92	112	70.5
nitrate	10	1	U	U	U	U	U	0.18 F	U	U	U	U	U	U
TKN	1	1	U	U	0.41 B	0.52	U	0.4	0.60 B	0.43	0.6	0.45	0.36	0.3
phosphate	--	1	U	0.0466 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sulfate	250	1	16 F	18.3229	18.7	14.2	16.4	2.7	19.4	18.9	17.7	17.5	18	16.9
TDS	500	10	200	100	129 ♦	229	136	94	112	103	108	117	128	201
TOC	--	1	U	0.59 SU	U	U	U	U	U	U	U	U	0.46 F	1.3
phenolics, Total	--	0.005	0.0026 UJ	U	U	U	U	U	U	U	U	U	0.0050 F	U

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-23																	
Date of Collection			12/16/2005	3/10/2006	9/13/2006		3/29/2007		9/25/2007		3/28/2008		9/17/2008	4/22/2009	3/31/2010					
Sample ID No.			LF7M2312LA	LF7M2312MA	LF7M2312NA		LF7M2312OA		LF7M2312PA		LF7M2312QA		LF7M2312RA	LF7M2312SA	LF7M2312TA					
Depth to Water (ft)			0.00	0.00	0.00		0.00		0.45		0.00		0.00	0.00	0.00					
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
1,1-dichloroethene	5*	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
benzene	1	0.1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
cis-1,2-dichloroethene	5*	1	U	U	NS		NS		NS		NS		NS	NS	NS					
methylene chloride	5*	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
trichloroethene (TCE)	5*	1	U	U	NS		NS		NS		NS		NS	NS	NS					
toluene	5*	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
trans-1,2-dichloroethene	5*	1	U	U	NS		NS		NS		NS		NS	NS	NS					
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	166 F	460	45.8 F	906	62 F	320	U	1,400	U	56 F	1,100	U	300					
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U					
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U					
barium	1,000	50	19.5 F	22.6 F	19.2 F	22.8 F	21 F	22 F	28F	35F	22 F	22 F	33 F	24 F	27 F					
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U					
boron, Total	1,000	110	NA	27.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
cadmium	5	5	U	U	U	U	0.83 F	0.76 F	U	U	U	U	U	U	U					
calcium	--	1,100	22,000	23,500	22,100	23,900	25,000	25,000	31,000	35,000	32,000	31,000	38,000	37,000	43,000					
chromium	50	10	U	1.8 F	U	3.78 F	4.0 F	4.2 F	U	4F	U	U	15.0	U	U					
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U					
copper	200	10	1.7 F	U	U	2.95 F	U	U	U	3.9F	U	U	4.6 F	U	U					
iron	300	200	283	**635**	21.1 F	**1,510**	19 F	**510**	160F	**2,300**	90 F	180 F	**2,500**	**390**	**1,700**					
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U					
magnesium	35,000	1,000	6,210	7,020	6,200	6,890	7,100	7,200	7,800	9,100	7,900	7,600	7,900	8,200	9,000					
manganese	300	10	34.6	39.3	21.9	51	23	42	120	180	43	45	180	62	81					
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U					
nickel	100	20	U	U	U	2.16 F	U	U	U	3.1	U	U	8.9 F	U	U					
potassium	--	1,000	2,120	2,060	2,060	2,360	2,100	2,100	2,200	2,700	1,800	1,800	2,000	1,500	1,800					
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U	U					
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U					
sodium	20,000	1,000	10,000	10,900	9,660	9,960	11,000	11,000	9,000	9,300	11,000	10,000	9,300 B	8,200	9,200					
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U					
vanadium	--	10	U	U	U	1.68 F	U	U	U	2.6F	U	U	3.5 F	U	U					
zinc	2,000	20	12.6 F	14.9 F	15.3 F	47.7 B	U	25	22.0	53	12 F	12 F	62 B	15 F	10 F					
mercury	0.7	1	NA	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U					
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	89.3	89.5	NS		NS		NS		NS		NS	NS	NS					
ammonia	2	0.2	0.34	0.34	NS		NS		NS		NS		NS	NS	NS					
BOD5	--	2.4	U	U	NS		NS		NS		NS		NS	NS	NS					
bromide	2	0.5	U	U	NS		NS		NS		NS		NS	NS	NS					
COD	--	5	U	U	NS		NS		NS		NS		NS	NS	NS					
chloride	250	1	2.2	2.2	NS		NS		NS		NS		NS	NS	NS					
color	15	5	NA	5	NS		NS		NS		NS		NS	NS	NS					
cyanide, Total	200	0.02	NA	U	NS		NS		NS		NS		NS	NS	NS					
fluoride	1.5	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
hardness, Total	--	1	76.1	75.1	NS		NS		NS		NS		NS	NS	NS					
nitrate	10	1	U	U	NS		NS		NS		NS		NS	NS	NS					
TKN	1	1	0.39 B	0.37	NS		NS		NS		NS		NS	NS	NS					
phosphate	--	1	NA	NA	NS		NS		NS		NS		NS	NS	NS					
sulfate	250	1	17.4	18	NS		NS		NS		NS		NS	NS	NS					
TDS	500	10	135	132	NS		NS		NS		NS		NS	NS	NS					
TOC	--	1	U	U	NS		NS		NS		NS		NS	NS	NS					
phenolics, Total	--	0.005	U	U	NS		NS		NS		NS		NS	NS	NS					

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-26											
Date of Collection			**2/7/2003**	**6/17/2003**	**9/9/2003**	**12/3/2003**	**3/24/2004**	**6/23/2004**	**9/14/2004**	**12/8/2004**	**3/30/2005**	**6/21/2005**	**9/6/2005**	**12/15/2005**
Sample ID No.			**LF7MW2612AA**	**LF7MW2612BB**	**LF7M2613CA**	**LF7M2612DA**	**LF7M2612EA**	**LF7M2612FA**	**LF7M2613GA**	**LF7M2612HA**	**LF7M2612IA**	**LF7M2613JA**	**LF7M2614KA**	**LF7M2613LA**
Depth to Water (ft)			**12.10**	**12.17**	**13.16**	**11.70**	**11.50**	**12.39**	**12.75**	**12.17**	**11.73**	**13.15**	**14.22**	**12.68**
VOCs (µg/L)														
1,1,1-trichloroethane	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
1,1-dichloroethene	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
benzene	1	0.1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
trichloroethene (TCE)	5*	1	2.41	3	1.3	0.42 F	1.8	1.9	0.76 F	0.73 F	1.3	2.2	1.6	0.72 F
toluene	5*	1	0.08 F	U	U	U	U	NA	NA	NA	U	NA	NA	NA
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
Metals (µg/L) [Dissolved / Total][1]														
aluminum	2,000	200	**12,441.8**	1,850	218	**4,180**	**8,020**	**2,590**	**5,380**	**3,620**	1,180	**2,650**	**2,580**	**2,520**
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	3.1 F	U	U
barium	1,000	50	77.3	35.6 F	18.3 F	30.8 F	47.7 F	29.3 F	34.5 F	36.5 F	25.7 F	25.4 F	31.1 F	38.4 F
berylium	3	4	0.65 F	U	U	0.3 F	0.5 F	U	U	U	U	U	U	U
boron, Total	1,000	110	U	75.4 B	NA	NA	19.5	NA	NA	NA	27.6	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	122,758.4	123,000	84,000	70,100	84,600	94,800	71,500	111,000	103,000	77,200	94,400	126,000
chromium	50	10	17.8	3.0 F	U	6.2 F	11.5	4.7 F	7.7 F	5.2 F	2.6 F	3.7 F	6.6 F	48.9
cobalt	--	60	6.2 F	U	U	U	2.7 F	1.6 F	1.5 F	U	U	1.4 F	1.3 F	1.1 F
copper	200	10	44.7	6.1 F	U	7.4 F	16.7	6.3 F	11.2	6.6 F	4 F	4.6 F	6.6 F	8.9 F
iron	300	200	**23,658.7**	**2,860**	193 F	**4,250**	**7,910**	**2,580**	**4,860**	**2,900**	**1,100**	**2,260**	**2,290**	**2,060**
lead	25	25	12.3 F	U	U	3.8 F	5.6 F	U	4.1 F	U	2.5 F	U	U	U
magnesium	35,000	1,000	19,330.4	14,000	10,400	9,550	11,500	11,500	9,700	12,900	11,400	9,180	10,400	13,400
manganese	300	10	**1,751.5**	**1,200**	**661**	**456**	**1,050**	**1,180**	**1,050**	**1,100**	**635**	**836**	**2,130**	**1,330**
molybdenum	--	15	4.3 F	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	13.6 F	3.8 F	U	4.8 F	9.1 F	4 F	6.1 F	4.5 F	2.3 F	5.8 F	10.4 F	50.4
potassium	--	1,000	3,621.7	2,230	1,700	2,230	3,260	2,170	2,310	2,270	1,690	1,640	1,810	2,360
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	1,939.3	1,900	996 F	667 F	948 F	1,330	368 F	2,310	2,930	916 F	2,880	16,800
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	19.4	3.8 F	U	5.9 F	11.8	3.5 F	6.6 F	4.1 F	1.9 F	3.4 F	3.3 F	3.1 F
zinc	2,000	20	55.7	U	U	18.4 F	19.1 F	13.5 F	14.1 F	8.1 F	5.2 F	5.4 F	7.7 F	7.3 F
mercury	0.7	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	304	252	228	215	225	234 B	47.3	239	283	293	296	239
ammonia	2	0.2	U	0.090	U	U	U	0.035 F	0.130	0.1	0.032 F	U	0.19	U
BOD5	--	2.4	U	U	U	U	U	U	U	U	U	U	U	3.4
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	U	U
COD	--	5	9.77	U	U	U	U	U	11.6	U	U	U	U	U
chloride	250	1	U	7.0	2.1	1.9	2.6	1.8	5.2	6.1	6.3	4.4	17.2	40.6
color	15	5	**250 R**	**70**	NA	NA	**120**	NA	NA	NA	**160 J**	NA	NA	NA
cyanide, Total	200	0.02	0.00179 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
fluoride	1.5	1	0.0501 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	364.75	372	224	380	320	280	225	348	312	236	300	450
nitrate	10	1	1.3269	U	2.3	1.5	1.4	1	1	1.7	1.7	0.48 F	0.93 F	0.54 F
TKN	1	1	U	0.46 B	U	U	0.23	0.44 B	0.48	U	0.39	0.28	0.55	1 B
phosphate	--	1	0.0466 R	NA	NA	NA	U	NA	NA	NA	NA	NA	NA	NA
sulfate	250	1	7.3051	122	5.8	5.3	4.6	5.2	7.4	10.1	6.2	4	5.6	7.2
TDS	500	10	314	**614**	287	246	242	225	289	370	297	245	361	369
TOC	--	1	2.57	U	U	1.2	1.7	U	0.93 F	1.4	1.9	2.8	1.8	0.69 F
phenolics, Total	--	0.005	U	U	U	U	U	U	U	0.0075 F	0.006 F	0.0040 F	U	U

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-26																	
Date of Collection			3/10/2006	9/12/2006		3/29/2007		9/24/2007		3/28/2008		9/16/2008		4/22/2009		3/25/2010				
Sample ID No.			LF7M2612MA	LF7M2612NA		LF7M2610OA		LF7M2614PA		LF7M2611QA		LF7M2613RA		LF7M2612SA		LF7M2612TA				
Depth to Water (ft)			11.75	13.32		10.17		13.95		10.70		13.39		11.57		11.91				
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	NA	NS		NS		NS		NS		NS		NS		NS				
1,1-dichloroethene	5*	1	NA	NS		NS		NS		NS		NS		NS		NS				
benzene	1	0.1	NA	NS		NS		NS		NS		NS		NS		NS				
cis-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS		NS		NS				
methylene chloride	5*	1	NA	NS		NS		NS		NS		NS		NS		NS				
trichloroethene (TCE)	5*	1	0.98 F	NS		NS		NS		NS		NS		NS		NS				
toluene	5*	1	NA	NS		NS		NS		NS		NS		NS		NS				
trans-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS		NS		NS				
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	**2,470**	U	**2,020**	58 F	**4,300**	U	**3,600**	U	**2,200**	67 F	**10,000**	U	**2,900**	**3,500**				
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U				
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U				
barium	1,000	50	28.7 F	18.7 F	26 F	18 F	38 F	18 F	38 F	16 F	28 F	16 F	59	13 F	36 F	34 F				
berylium	3	4	U	U	U	U	U	U	U	U	0.11 F	U	4.6 F	U	U	U				
boron, Total	1,000	110	22.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS				
cadmium	5	5	U	U	U	0.61 F	0.53 F	U	U	U	U	U	U	U	U	U				
calcium	--	1,100	88,600	96,000	84,400	92,000	90,000	99,000	96,000	89,000	96,000	82,000	88,000	70,000	93,000	89,000				
chromium	50	10	13.7	U	49.1	4.5 F	**52**	1.7F	**120**	U	15	1.7 F	**63**	U	**86**	15				
cobalt	--	60	1 F	U	U	U	U	U	U	U	U	U	U	U	U	U				
copper	200	10	4.3 F	U	5.06 F	U	13	U	9.5F	U	7.2 F	U	17	U	9.6 F	4.5 F				
iron	300	200	**1,960**	U	**2,350**	5.9 F	**5,300**	U	**3,700**	U	**2,900**	U	**9,500**	U	**3,700**	**3,000**				
lead	25	25	U	U	U	U	U	U	U	U	U	U	8.2 F	U	U	U				
magnesium	35,000	1,000	10,600	10,500	10,000	11,000	12,000	11,000	12,000	11,000	12,000	9,500	12,000	8,900	12,000	12,000				
manganese	300	10	**459**	**1,720 J**	**1,170**	**310**	**1,100**	**1,400**	**2,100**	47	**540**	**640**	**1,500**	12	**2,200**	**520**				
molybdenum	--	15	U	U	U	U	U	U	3.5F	U	U	U	U	U	U	U				
nickel	100	20	7.1 F	12.9 F	12.6 F	10 F	25	3.7F	29	U	7.8 F	2.7 F	19 F	U	17 F	5.6 F				
potassium	--	1,000	1,960	1,530	1,580	1,300	2,000	1,700	2,000	1,200	1,700	1,400	3,000	830 F	1,700	2,200				
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U				
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U				
sodium	20,000	1,000	5,060	15,400 J	8,430 J	7,100 J	5,400 J	4,000J	1,900J	10,000	11,000	10,000 B	7,000 B	4,000	12,000	5,800				
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U				
vanadium	--	10	3.1 F	U	2.94 F	U	6.3 F	U	4.9F	U	3.5 F	U	13	U	5.3 F	5.6 F				
zinc	2,000	20	7.4 F	30.2 B	35.9 B	U	15 F	40.0	49.0	11 F	17 F	13 F	30.0	11 F	21 B	21				
mercury	0.7	1	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	285	NS		NS		NS		NS		NS		NS		NS				
ammonia	2	0.2	0.1	NS		NS		NS		NS		NS		NS		NS				
BOD5	--	2.4	U	NS		NS		NS		NS		NS		NS		NS				
bromide	2	0.5	U	NS		NS		NS		NS		NS		NS		NS				
COD	--	5	U	NS		NS		NS		NS		NS		NS		NS				
chloride	250	1	23.1	NS		NS		NS		NS		NS		NS		NS				
color	15	5	**20**	NS		NS		NS		NS		NS		NS		NS				
cyanide, Total	200	0.02	U	NS		NS		NS		NS		NS		NS		NS				
fluoride	1.5	1	NA	NS		NS		NS		NS		NS		NS		NS				
hardness, Total	--	1	242	NS		NS		NS		NS		NS		NS		NS				
nitrate	10	1	1.1	NS		NS		NS		NS		NS		NS		NS				
TKN	1	1	0.39	NS		NS		NS		NS		NS		NS		NS				
phosphate	--	1	NA	NS		NS		NS		NS		NS		NS		NS				
sulfate	250	1	5.9	NS		NS		NS		NS		NS		NS		NS				
TDS	500	10	311	NS		NS		NS		NS		NS		NS		NS				
TOC	--	1	1.2 B	NS		NS		NS		NS		NS		NS		NS				
phenolics, Total	--	0.005	U	NS		NS		NS		NS		NS		NS		NS				

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-27											
Date of Collection			2/7/2003	6/18/2003	9/9/2003	12/3/2003	3/25/2004	6/23/2004	9/14/2004	12/8/2004	3/30/2005	6/21/2005	9/7/2005	12/15/2005
Sample ID No.			LF7MW2713AA	LF7MW2707BB	LF7M2713CA	LF7M2713DA	LF7M2713EA	LF7M2713FA	LF7M2713GA	LF7M2713HA	LF7M2713IA	LF7M2713JA	LF7M2713KA	LF7M2713LA
Depth to Water (ft)			6.29	6.59	7.91	5.82	6.12	7.44	7.74	6.86	5.75	8.39	10.83	7.65
VOCs (µg/L)														
1,1,1-trichloroethane	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
1,1-dichloroethene	5*	1	U	U	U	U	UM	NA	NA	NA	U	NA	NA	NA
benzene	1	0.1	U	U	U	U	UM	NA	NA	NA	U	NA	NA	NA
cis-1,2-dichloroethene	5*	1	U	U	U	U	UM	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	UM	NA	NA	NA	U	NA	NA	NA
trichloroethene (TCE)	5*	1	0.69 F	0.47 F♦	1.1	0.84 F	0.53 M	0.69 F	0.94 F	0.64 F	U	0.77 F	0.83 F	0.68 F
toluene	5*	1	0.29 F	U	U	U	UM	NA	NA	NA	U	NA	NA	NA
trans-1,2-dichloroethene	5*	1	U	U	U	U	UM	U	U	U	U	U	U	U
Metals (µg/L) [Dissolved / Total][1]														
aluminum	2,000	200	34.5 F	58.7 F	62.4 F	246	U	U	69.7 F	U	77.8 F	U	101 F	36.4 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	18.0 F	18.4 F♦	18.4 F	17.9 F	17.5 F	16.6 F	18.2 F	16.6 F	20 F	16.1 F	16.9 F	15.7 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	110	U	56 ♦	NA	NA	11.7	NA	NA	NA	11.2	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	81,375.5	75,900 ♦	75,800.0	74,500	74,600	74,500	76,200	76,900	57,200	72,600	77,200	77,100
chromium	50	10	2.0 F	1.7 F	U	1.9 F	U	0.9 F	0.9 F	U	1 F	U	U	0.9 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	1.9 F	U	U	U	U	U	3 F	U	2.2 F	U	U	U
iron	300	200	72.4 F	38.8 F	44.8 F	273 M	62.6 F	U	80.2 F	U	89.2 F	U	124 F	43.4
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	10,190.9	9,120	8,840	9,060	9,080	8,580	9,110	8,890	6,470	8,560	8,910	9,310
manganese	300	10	13	8.4 F	7.4 F	43.4	1.7 F	1.1 F	8.3 F	0.7 F	7.3 F	2.2 F	11.1	3.2 F
molybdenum	--	15	3.1 F	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	9.3 F	6.0 F	21.6	2.6 F	9.4 F	11.3 F	6.2 F	5.2 F	14.8 F	13.9 F	14.1 F
potassium	--	1,000	1,575.2	2,140	2,490	2,360	1,950	2,150	2,470	2,060	2,730	2,070	2,130	1,890
selenium	--	30	6.7 F	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	6,648.1	5,420 ♦	5,910	6,290	5,990	5,890	5,630	4,080	3,960	4,220	3,590	3,550
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	7.3 F	U	U	3.1 F	U	U	U	U	U	U	U	2.8 F
mercury	0.7	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	234	220 ♦	210	219	217 M	177 B	224	246	172	233	230	230
ammonia	2	0.2	U	U	U	U	U	U	U	0.027 F	U	U	U	U
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	UM	U	U	U	U
COD	--	5	U	U	U	UM	U	3.7 UM	U	U	U	5.3 F	U	U
chloride	250	1	3.7045	2	2.8	3.1 M	2.5	1.9	2	1.6 M	1.1	1.6	1.6	1.8
color	15	5	5 R	0	NA	NA	U	NA	NA	NA	10 J	NA	NA	NA
cyanide, Total	200	0.02	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
fluoride	1.5	1	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	243.16	297	216	250	220	208	235	248	166	240	251	159
nitrate	10	1	1.5298	1.4	2	2	1.9	1.8	1.4	1.2 M	0.21 F	1.2	0.99 F	0.98 F
TKN	1	1	U	U	U	UM	U	0.20 B	0.34	0.47	0.26	0.27	0.31	0.66 B
phosphate	--	1	0.0466 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sulfate	250	1	11.5627	14.3	11	12	12.7	10.4	9.2	8.9 M	2.9	7.3	7.1	10
TDS	500	10	247	302	239	257	231	238	275	271	167	257	300	236
TOC	--	1	0.81 F	U	U	U	0.85 F	U	0.87 F	0.86 F	1.6	1	1.8	U
phenolics, Total	--	0.005	U	U	U	UM	U	U	U	0.0044 F	U	0.0050 F	U	U

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-27																
Date of Collection			3/10/2006	9/13/2006		3/29/2007		9/25/2007		3/27/2008		9/16/2008	4/21/2009	3/25/2010					
Sample ID No.			LF7M2713MA	LF7M2713NA		LF7M2713OA		LF7M2713PA		LF7M2713QA		LF7M2713RA	LF7M2713SA	LF7M2713TA					
Depth to Water (ft)			6.57	8.67		4.99		9.28		5.56		8.90	6.62	7.01					
VOCs (µg/L)																			
1,1,1-trichloroethane	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
1,1-dichloroethene	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
benzene	1	0.1	NA	NS		NS		NS		NS		NS	NS	NS					
cis-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS	NS	NS					
methylene chloride	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
trichloroethene (TCE)	5*	1	0.48 F	NS		NS		NS		NS		NS	NS	NS					
toluene	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
trans-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS	NS	NS					
Metals (µg/L) [Dissolved / Total][1]																			
aluminum	2,000	200	U	50.2 F	96.4 F	62 F	160 F	U	170F	U	190 F	400 B♦	U	160 F♦					
antimony	3	50	U	U	U	U	U	U	U	U	1.7 F	U	U	U					
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U					
barium	1,000	50	15 F	15.9 F	15.4 F	19 F	20 F	16F	17F	14 F	15 F	17 F♦	14 F	14 F					
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U					
boron, Total	1,000	110	8.9 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
cadmium	5	5	U	U	U	0.67 F	0.49 F	U	U	U	U	U	U	U					
calcium	--	1,100	81,600	70,700	70,500	65,000	68,000	70,000	73,000	74,000	76,000	76,000♦	73,000	73,000					
chromium	50	10	1.3 F	1.47 F	2.11 F	4.1 F	4.3 F	1.9F	3.4F	U	3.6 F	3.3 F♦	U	U					
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U					
copper	200	10	U	U	U	U	U	U	U	U	U	2.9 F♦	U	U					
iron	300	200	U	U	74.6 F	U	110 F	6.1F	150F	U	210	**390♦**	U	110 F♦					
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U					
magnesium	35,000	1,000	9,350	8,250	8,100	7,200	7,500	8,400	8,900	9,100	9,400	9,000 B	8,900	9,000					
manganese	300	10	0.6 F	U	5.3 F	U	6.5 F	U	12	U	16	32 J♦	U	7.0 F♦					
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U					
nickel	100	20	13.3 F	17 F	13.9 F	2.6 F	4.0 F	25.0	29.0	30	40	38♦	24	29					
potassium	--	1,000	1,610	1,920	1,910	3,000	3,100	2,200	2,300	1,700	1,800	2,000♦	1,400	1,800					
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U					
silver	50	10	U	U	U	U	U	U	U	U	U	0.99 F♦	U	U					
sodium	20,000	1,000	4,330	2,920	2,930	2,800	3,000	3,800	4,000	3,400	3,500	3,000 B♦	2,600	2,700					
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U					
vanadium	--	10	U	U	U	U	U	U	U	U	U	1.2 F♦	U	U					
zinc	2,000	20	U	16.7 F	23.3 B	U	U	26J	21J	11 F	11 F	14 F	13 F	6.0 F♦					
mercury	0.7	1	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
Leachate Indicators (mg/L)																			
alkalinity, Total	--	10	231	NS		NS		NS		NS		NS	NS	NS					
ammonia	2	0.2	0.016 F	NS		NS		NS		NS		NS	NS	NS					
BOD5	--	2.4	U	NS		NS		NS		NS		NS	NS	NS					
bromide	2	0.5	U	NS		NS		NS		NS		NS	NS	NS					
COD	--	5	U	NS		NS		NS		NS		NS	NS	NS					
chloride	250	1	1.3	NS		NS		NS		NS		NS	NS	NS					
color	15	5	3	NS		NS		NS		NS		NS	NS	NS					
cyanide, Total	200	0.02	U	NS		NS		NS		NS		NS	NS	NS					
fluoride	1.5	1	NA	NS		NS		NS		NS		NS	NS	NS					
hardness, Total	--	1	214	NS		NS		NS		NS		NS	NS	NS					
nitrate	10	1	1.2	NS		NS		NS		NS		NS	NS	NS					
TKN	1	1	0.26	NS		NS		NS		NS		NS	NS	NS					
phosphate	--	1	NA	NS		NS		NS		NS		NS	NS	NS					
sulfate	250	1	10.5	NS		NS		NS		NS		NS	NS	NS					
TDS	500	10	241	NS		NS		NS		NS		NS	NS	NS					
TOC	--	1	0.56 F	NS		NS		NS		NS		NS	NS	NS					
phenolics, Total	--	0.005	UJ	NS		NS		NS		NS		NS	NS	NS					

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-28											
Date of Collection			3/18/2003	6/17/2003	9/10/2003	12/4/2003	3/25/2004	6/24/2004	9/15/2004	12/9/2004	3/30/2005	6/21/2005	9/7/2005	12/15/2005
Sample ID No.			LF7MW2802AA	LF7MW2807BB	LF7M2806CA	LF7M2810DA	LF7M2806EA	LF7M2806FA	LF7M2810GA	LF7M2810HA	LF7M2810IA	LF7M2810JA	LF7M2810KA	LF7M2810LA
Depth to Water (ft)			2.15	3.32	1.31	0.42	0.00	0.44	0.67	0.00	0.00	1.00	1.07	0.64
VOCs (µg/L)														
1,1,1-trichloroethane	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
1,1-dichloroethene	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
benzene	1	0.1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	0.08 F	U	U	U	U	NA	NA	NA	U	NA	NA	NA
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
Metals (µg/L) [Dissolved / Total][1]														
aluminum	2,000	200	128.9 F	62.4 F	480	695	347	U	149 F	232	143 F	800	222	125 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	3.9 F	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	15.9 F	17.7 F	25.1 F	24.9 F	14 F	50.2	22.5 F	19.4 F	18.1 F	26.4 F	28.3 F	21.9 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	110	36.7 F	102 B	NA	NA	U	NA	NA	NA	27.4	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	71,228.7	64,400	62,300	54,700	44,300	85,900	62,700	56,400	50,900	55,300	75,800	63,300
chromium	50	10	1.0 F	1.4 F	U	1.4 F	1.5 F	U	U	U	U	1 F	U	U
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	2.0 F	U	2.4 F	2.8 F	U	5.2 F	U	U	1.7 F	2.2 F	U	2.3 F
iron	300	200	249.3	U	**512**	**693**	**411**	57.2 F	138 F	275	169 F	**750**	227	148 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	7,315.6	6,440	6,360	5,610	5,180	9,540	6,500	6,040	5,660	5,690	7,960	6,870
manganese	300	10	63.4	11	58	62.9	44.3	61	77	71.9	53.8	122	47.4	51.1
molybdenum	--	15	5.0 F	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	U	1.6 F	U	3.4 F	U	U
potassium	--	1,000	2,332	2,820	3,330	2,540	1,780	3,700	3,280	2,900	2,350	3,430	3,070	2,160
selenium	--	30	7.1 F	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	851.5 F	917 F	950	1,100	616 F	1,300	1,190	536 F	507 F	370	943 F	430 F
thallium	0.5	80	**8.2 F**	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	1.6 F	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	5.8 F	U	U	50.7	8.4 F	19.5 F	11.6 F	15.1 F	11.8 F	16.2	11 F	13 F
mercury	0.7	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	213	189	179	159	140	210	184	168	146	168	206	220
ammonia	2	0.2	U	U	0.086	U	U	U	0.065	0.027 F	U	U	U	U
BOD5	--	2.4	7	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
COD	--	5	U	U	U	U	U	8.1 F	U	U	U	U	U	3.4 F
chloride	250	1	0.7607	U	U	U	1.8	0.86 F	0.75 F	39.6	0.49 F	U	0.95 F	0.63 F
color	15	5	U	0	NA	NA	U	NA	NA	NA	2.5 J	NA	NA	NA
cyanide, Total	200	0.02	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
fluoride	1.5	1	0.07 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	235.7	U	195	240	164	252	195	172	U	192	223	136
nitrate	10	1	0.2659	U	2.2	U	U	0.034 F	0.09 F	0.56 F	0.17 F	0.14 F	0.67 F	0.12 F
TKN	1	1	0.73	0.25 B	U	U	0.11 F	0.37 B	0.084 F	U	0.6	0.17 F	0.4	0.29 B
phosphate	--	1	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sulfate	250	1	5.285	9.2	5.1	3.8	17.8	5.4	6	20.5	3	3.6	20.8	6.7
TDS	500	10	206	215	203	174	127	212	156	152	144	190	309	242
TOC	--	1	1.36	U	U	U	0.55 F	U	0.81 F	0.9 F	0.82 F	0.91	1.4	U
phenolics, Total	--	0.005	0.00408 F	U	U	U	0.0065 F	0.012	U	U	U	0.0040 F	U	U

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-28															
Date of Collection			3/10/2006	9/13/2006		3/29/2007		9/25/2007		3/28/2008		9/17/2008	4/22/2009	4/1/2010				
Sample ID No.			LF7M2810MA	LF7M2810NA		LF7M2810OA		LF7M2810PA		LF7M2810QA		LF7M2810RA	LF7M2810SA	LF7M2810TA				
Depth to Water (ft)			0.00	0.30		0.00		1.48		0.00		0.80	0.33	0.00				
VOCs (µg/L)																		
1,1,1-trichloroethane	5*	1	NA	NS		NS		NS		NS		NS	NS	NS				
1,1-dichloroethene	5*	1	NA	NS		NS		NS		NS		NS	NS	NS				
benzene	1	0.1	NA	NS		NS		NS		NS		NS	NS	NS				
cis-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS	NS	NS				
methylene chloride	5*	1	NA	NS		NS		NS		NS		NS	NS	NS				
trichloroethene (TCE)	5*	1	U	NS		NS		NS		NS		NS	NS	NS				
toluene	5*	1	NA	NS		NS		NS		NS		NS	NS	NS				
trans-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS	NS	NS				
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	199 F	43.7 F	722	U	270	U	250	U	230	240 B	77 F	1,700				
antimony	3	50	U	U	U	U	U	U	U	U	1.9 F	U	U	U				
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U				
barium	1,000	50	22.5 F	52.4	67.8	19 F	21 F	26 F	28 F	14 F	19 F	64	30 F	47 F				
berylium	3	4	U	U	U	U	U	U	U	U	U	0.39 F	U	U				
boron, Total	1,000	110	34.5	NA	NA	NA	NA	NA	NA	NA	NA	U	NA	NA				
cadmium	5	5	U	U	U	U	0.53 F	U	U	U	U	NA	U	U				
calcium	--	1,100	69,600	76,900	84,600	53,000	54,000	63,000	62,000	63,000	65,000	71,000	71,000	98,000				
chromium	50	10	1.5 F	U	6.25 F	U	4.8 F	U	2.8 F	U	1.9 F	11	U	31				
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U				
copper	200	10	U	U	4.06 F	U	U	U	U	U	U	2.7 F	U	5.1 F				
iron	300	200	290	U	**970**	U	290	6.8F	280	U	**360**	**440**	270	3,100				
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U				
magnesium	35,000	1,000	7,370	8,110	8,690	6,000	6,000	7,400	7,200	7,500	7,700	7,800	7,800	12,000				
manganese	300	10	61.7	2.99 F	**345**	U	98	U	140	U	140	150	170	**520**				
molybdenum	--	15	U	4.55 F	U	U	U	U	U	U	U	U	U	U				
nickel	100	20	U	2.48 F	6.29 F	U	2.1 F	1.3 F	2.5 F	U	2.4 F	11 F	U	19 F				
potassium	--	1,000	2,250	3,420	3,650	1,800	1,900	2,300	2,200	1,800	1,800	2,500	1,700	2,600				
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U				
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U				
sodium	20,000	1,000	889 F	1,380	1,520	720 F	750 F	810 F	780 F	1,600	1,600	4,900 B	8,100	5,900				
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U				
vanadium	--	10	U	U	1.26 F	U	U	U	U	U	U	1.2 F	U	3.4 F				
zinc	2,000	20	12.8 F	56.1 B	76.9 B	U	17 F	36.0	63.0	14 F	26	30 B	29 B	47				
mercury	0.7	1	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U				
Leachate Indicators (mg/L)																		
alkalinity, Total	--	10	190	NS		NS		NS		NS		NS	NS	NS				
ammonia	2	0.2	0.013 F	NS		NS		NS		NS		NS	NS	NS				
BOD5	--	2.4	U	NS		NS		NS		NS		NS	NS	NS				
bromide	2	0.5	U	NS		NS		NS		NS		NS	NS	NS				
COD	--	5	U	NS		NS		NS		NS		NS	NS	NS				
chloride	250	1	0.19 F	NS		NS		NS		NS		NS	NS	NS				
color	15	5	U	NS		NS		NS		NS		NS	NS	NS				
cyanide, Total	200	0.02	U	NS		NS		NS		NS		NS	NS	NS				
fluoride	1.5	1	NA	NS		NS		NS		NS		NS	NS	NS				
hardness, Total	--	1	176	NS		NS		NS		NS		NS	NS	NS				
nitrate	10	1	0.097 F	NS		NS		NS		NS		NS	NS	NS				
TKN	1	1	0.25	NS		NS		NS		NS		NS	NS	NS				
phosphate	--	1	NA	NS		NS		NS		NS		NS	NS	NS				
sulfate	250	1	4.3	NS		NS		NS		NS		NS	NS	NS				
TDS	500	10	190	NS		NS		NS		NS		NS	NS	NS				
TOC	--	1	U	NS		NS		NS		NS		NS	NS	NS				
phenolics, Total	--	0.005	U	NS		NS		NS		NS		NS	NS	NS				

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-29											
Date of Collection			2/6/2003	6/17/2003	9/9/2003	12/3/2003	3/25/2004	6/23/2004	9/14/2004	12/8/2004	3/30/2005	6/21/2005	9/6/2005	12/14/2005
Sample ID No.			LF7MW2923AA	LF7MW2920BB	LF7M2923CA	LF7M2923DA	LF7M2923EA	LF7M2923FA	LF7M2923GA	LF7M2923HA	LF7M2923IA	LF7M2923JA	LF7M2923KA	LF7M2923LA
Depth to Water (ft)			17.71	16.17	17.21	16.59	16.57	16.45	17.40	18.17	17.25	17.28	19.21	18.37
VOCs (µg/L)														
1,1,1-trichloroethane	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
1,1-dichloroethene	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
benzene	1	0.1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	0.16 F	U	U	U	U	NA	NA	NA	U	NA	NA	NA
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
Metals (µg/L) [Dissolved / Total][1]														
aluminum	2,000	200	22.5 F	43.5 F	U	31.8 F	54.4 F	U	U	U	U	U	60.5 F	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	4.8 F	5.8 F	4.3 F	5.3 F	5.6 F	5.3 F	4.3 F	3.5 F	3.9 F	3.5 F	3.1 F	35.4 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	110	U	48.9 B	NA	NA	4.9 F	NA	NA	NA	5.7 F	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	0.9 F	U
calcium	--	1,100	4,498.5	3,060	4,000	3,600	3,240	3,290	3,920	4,030	3,620	3,120	4,110	112,000
chromium	50	10	0.9 F	U	U	U	U	U	U	U	U	U	U	8.9 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	U	U	U	U	U	2.4 F	U	U	U	1.9 F	1.6 F
iron	300	200	32.8 F	U	U	U	70.4 F	50.9 F	U	U	24.7 F	U	U	46 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	1,224.9	773 F	1,040.0	938 F	842 F	835 F	1,040.0	1,040	954 F	850	1,000	14,000
manganese	300	10	5.9 F	3.3 F	2.9 F	3.4 F	4.7 F	2.5 F	2.2 F	1.2 F	1.3 F	0.90 F	6.6 F	**379**
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	U	U	U	2.4 F	U	1.8 F
potassium	--	1,000	210.2 F	446 F	612 F	558 F	445 F	447 F	570 F	585 F	476 F	430 F	544 F	1,570
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,229.1	1,490	1,680	1,750	1,530	1,480	1,720	1,800	1,680	1,100	1,750	**59,800**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	5.7 F	U	U	3.5 F	U	U	U	U	U	U	9.9 F	3.5 F
mercury	0.7	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	13	U	U	U	6.7 F	313 B	7.2 F	9.2 F	5.2 F	7.7 F	10	10.4
ammonia	2	0.2	U	U	U	U	U	0.023 F	0.011 F	U	U	0.76	0.012 F	U
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	U	U	U
COD	--	5	5.43	U	U	U	U	U	11.9	U	U	U	U	U
chloride	250	1	1.5687	1.1	1.5	1.7	2.5	1.4	1.5	1.5	1.3	1.2	1.8	80.9
color	15	5	U	0	NA	NA	U	NA	NA	NA	12 J	NA	NA	NA
cyanide, Total	200	0.02	0.00183 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
fluoride	1.5	1	0.0397 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	19.61	U	28	68	16	48	30	24	18	36	8	321
nitrate	10	1	0.2163	U	U	U	1.9	0.029 F	U	U	U	U	0.03 F	0.33 F
TKN	1	1	U	0.25 B	U	U	U	0.24 B	0.42	0.25	0.8	0.098 F	U	0.076 F
phosphate	--	1	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sulfate	250	1	7.7013	7.2	7.3	7.5	12.7	7.2	7.3	7.2	7.4	7.1	7.2	32
TDS	500	10	10.0 SU	40	21	33	221	17 F	27	46	27	47	30	95
TOC	--	1	0.59 SU	U	U	U	U	U	U	U	U	U	U	U
phenolics, Total	--	0.005	U	U	U	U	U	U	U	0.0062 F	U	0.01	U	U

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-29																
Date of Collection			**3/10/2006**	**9/12/2006**		**3/28/2007**		**9/24/2007**		**3/27/2008**		**9/16/2008**	**4/17/2009**	**3/25/2010**					
Sample ID No.			**LF7M2923MA**	**LF7M2923NA**		**LF7M2923OA**		**LF7M2923PA**		**LF7M2923QA**		**LF7M2923RA**	**LF7M2923SA**	**LF7M2923TA**					
Depth to Water (ft)			**16.52**	**17.48**		**15.30**		**18.50**		**14.14**		**18.04**	**14.96**	**17.95**					
VOCs (µg/L)																			
1,1,1-trichloroethane	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
1,1-dichloroethene	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
benzene	1	0.1	NA	NS		NS		NS		NS		NS	NS	NS					
cis-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS	NS	NS					
methylene chloride	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
trichloroethene (TCE)	5*	1	U	NS		NS		NS		NS		NS	NS	NS					
toluene	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
trans-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS	NS	NS					
Metals (µg/L) [Dissolved / Total][1]																			
aluminum	2,000	200	29.6 F	U	77 F	77 F	180 F	U	180 F	53 F	60 F	260 B	U	190 F					
antimony	3	50	U	U	U	U	U	U	U	U	1.7 F	U	U	U					
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U					
barium	1,000	50	5.8 F	3.28 F	4.1 F	12 F	13 F	5.7F	6.5F	29 F	29 F	11 F	21 F	4.4 F					
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U					
boron, Total	1,000	110	3.6 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
cadmium	5	5	U	U	U	1.0 F	1.5 F	U	U	U	U	U	U	U					
calcium	--	1,100	3,150	3,520 B	3,580 B	2,800	2,900	3,900	4,200	2,300	2,200	4,000 B	2,100	4,100					
chromium	50	10	0.8 F	U	U	3.5 F	6.3 F	U	U	U	3.4 F	U	U	U					
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U					
copper	200	10	U	U	U	U	U	U	U	U	U	U	U	U					
iron	300	200	29.8 F	U	33 F	7.6 F	110 F	39F	130F	U	23 F	160 F	U	76 F					
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U					
magnesium	35,000	1,000	862 F	924 F	940	730	780 F	1,000	1,100	380 F	390 F	1,100	510 F	1,100					
manganese	300	10	3.2 F	2.89 F	2.18 F	4.4 F	9.2 F	U	4.9F	14	14	6.2 F	7.3 F	3.2 F					
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U					
nickel	100	20	U	U	U	U	U	U	U	U	2.7 F	U	U	U					
potassium	--	1,000	358	400 F	410 F	U	480 F	580F	590F	320 F	310 F	480 F	240 F	630 F					
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U					
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U					
sodium	20,000	1,000	1,830	1,480 B	1,450	1,400	1,300	1,800	1,800	1,500	1,800	1,700 B	1,200	2,000					
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U					
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U					
zinc	2,000	20	3.2 F	18.3 F	26.5 B	U	U	30J	23J	15 F	14 F	23	14 F	14 F					
mercury	0.7	1	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
Leachate Indicators (mg/L)																			
alkalinity, Total	--	10	8.7 F	NS		NS		NS		NS		NS	NS	NS					
ammonia	2	0.2	0.023 F	NS		NS		NS		NS		NS	NS	NS					
BOD5	--	2.4	U	NS		NS		NS		NS		NS	NS	NS					
bromide	2	0.5	U	NS		NS		NS		NS		NS	NS	NS					
COD	--	5	U	NS		NS		NS		NS		NS	NS	NS					
chloride	250	1	1.1	NS		NS		NS		NS		NS	NS	NS					
color	15	5	U	NS		NS		NS		NS		NS	NS	NS					
cyanide, Total	200	0.02	U	NS		NS		NS		NS		NS	NS	NS					
fluoride	1.5	1	NA	NS		NS		NS		NS		NS	NS	NS					
hardness, Total	--	1	4.4	NS		NS		NS		NS		NS	NS	NS					
nitrate	10	1	0.033 F	NS		NS		NS		NS		NS	NS	NS					
TKN	1	1	0.22	NS		NS		NS		NS		NS	NS	NS					
phosphate	--	1	NA	NS		NS		NS		NS		NS	NS	NS					
sulfate	250	1	6.9	NS		NS		NS		NS		NS	NS	NS					
TDS	500	10	44	NS		NS		NS		NS		NS	NS	NS					
TOC	--	1	U	NS		NS		NS		NS		NS	NS	NS					
phenolics, Total	--	0.005	0.045	NS		NS		NS		NS		NS	NS	NS					

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-30											
Date of Collection			**2/6/2003**	**6/17/2003**	**9/10/2003**	**12/3/2003**	**3/24/2004**	**6/23/2004**	**9/14/2004**	**12/9/2004**	**3/30/2005**	**6/21/2005**	**9/7/2005**	**12/14/2005**
Sample ID No.			**LF7MW3011AA**	**LF7MW3011BB**	**LF7M3007CA**	**LF7M3011DA**	**LF7M3008EA**	**LF7M3008FA**	**LF7M3004GA**	**LF7M3004HA**	**LF7M3004IA**	**LF7M3004JA**	**LF7M3004KA**	**LF7M3004LA**
Depth to Water (ft)			**2.99**	**3.49**	**3.82**	**3.02**	**2.90**	**3.40**	**3.64**	**3.11**	**2.94**	**3.88**	**4.32**	**3.61**
VOCs (µg/L)														
1,1,1-trichloroethane	5*	1	0.17 F	U	U	U	U	NA	NA	NA	U	NA	NA	NA
1,1-dichloroethene	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
benzene	1	0.1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
cis-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
methylene chloride	5*	1	U	U	U	U	U	NA	NA	NA	U	NA	NA	NA
trichloroethene (TCE)	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
toluene	5*	1	0.20 F	U	U	U	U	NA	NA	NA	U	NA	NA	NA
trans-1,2-dichloroethene	5*	1	U	U	U	U	U	U	U	U	U	U	U	U
Metals (µg/L) [Dissolved / Total][1]														
aluminum	2,000	200	55.2 F	108 F	40.2 F	U	32.6 F	U	U	U	U	U	U	167 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	23.6 F	29.4 F	31.3 F	22.5 F	30 F	28.8 F	31.2 F	32.1 F	33 F	32.3 F	32.8 F	4.3 F
berylium	3	4	U	U	U	U	0.4 F	U	U	U	U	U	U	U
boron, Total	1,000	110	U	52.2 B	NA	NA	8.9 F	NA	NA	NA	9.2 F	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	93,405.9	97,600	96,300	96,800	114,000	113,000	118,000	125,000	134,000	123,000	89,300	4,210
chromium	50	10	4.5 F	**88.1**	7.7 F	5.6 F	**510**	**214**	38.3	2.4 F	**53.8**	5.4 F	1.7 F	2.1 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	3.5 F	U	U	16.4	6.3 F	3.9 F	U	2.8 F	U	U	2.9 F
iron	300	200	275.6	**496**	114 F	41.5 F	**2,630**	**696**	175 F	U	**463**	26.9 F	U	166 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	12,774.6	13,600	13,500	13,300	15,600	14,700	15,400	15,700	16,600	15,700	10,300	1,130
manganese	300	10	**355.6**	**314**	198	85.6	196	**350**	**461**	248	268	89.6	**391**	9.4 F
molybdenum	--	15	4.3 F	U	U	U	8.9 F	3.6 F	U	U	0.9 F	U	U	U
nickel	100	20	6.2 F	13.5 F	26.3	16.6 F	54	12.5 F	10.9 F	2.5 F	11.2 F	3.9 F	3 F	U
potassium	--	1,000	735.8 F	1,500	1,710	1,500	1,600	1,430	1,740	1,630	1,460	1,540	1,420	594 F
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	4,621.1	12,300	14,700	5,110	**34,300**	14,600	**23,700**	**24,300**	**24,400**	**37,100**	**52,800**	1,690
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	7.3 F	U	U	U	3.6 F	U	U	U	2.7 F	U	U	6.7 F
mercury	0.7	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	226	264	261	240	282	266 B	66.6 F	380	332	381	264	336
ammonia	2	0.2	U	U	0.072	U	U	U	U	U	U	0.12	0.17	U
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	U	U	U
COD	--	5	U	U	U	U	U	7 F	52	14.8	U	U	U	U
chloride	250	1	41.5736	27.3	33.7	47.2	76.6	31.7	48.8	0.51 F	62.4	52.5	77.4	1.9
color	15	5	U	0	NA	NA	**40**	NA	NA	NA	UJ	NA	NA	NA
cyanide, Total	200	0.02	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
fluoride	1.5	1	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	286.31	30.4	341	320	400	328	370	484	384	384	285	24.7
nitrate	10	1	1.0192	3.6	U	2.6	2.2	1.8	0.74 F	0.25 F	1.9	0.96 F	0.09 F	U
TKN	1	1	U	0.27 B	0.22	U	0.09 F	0.49 B	0.37	0.17 F	0.34	0.5	0.37	0.097 F
phosphate	--	1	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sulfate	250	1	10.4815	15.3	12.8	13.2	21.8	27.7	15.5	5	35.3	29.8	22.6	8.1
TDS	500	10	276	379	353	398	476	395	469	438	451	500	462	**542**
TOC	--	1	1.15	U	U	U	1.2	U	1.1	1.6	1.1	1.6	1.4	0.91 F
phenolics, Total	--	0.005	U	U	U	U	U	U	U	0.0069 F	U	0.0070 F	U	U

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-30														
Date of Collection			**3/10/2006**	**9/13/2006**		**3/29/2007**		**9/24/2007**		**3/27/2008**		**9/16/2008**	**4/17/2009**	**3/25/2010**			
Sample ID No.			**LF7M3004MA**	**LF7M3004NA**		**LF7M3004OA**		**LF7M3004PA**		**LF7M3001QA**		**LF7M3001RA**	**LF7M3004SA**	**LF7M3010TA**			
Depth to Water (ft)			**2.66**	**3.60**		**2.28**		**4.13**		**2.57**		**3.79**	**3.20**	**3.09**			
VOCs (µg/L)																	
1,1,1-trichloroethane	5*	1	NA	NS		NS		NS		NS		NS	NS	NS			
1,1-dichloroethene	5*	1	NA	NS		NS		NS		NS		NS	NS	NS			
benzene	1	0.1	NA	NS		NS		NS		NS		NS	NS	NS			
cis-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS	NS	NS			
methylene chloride	5*	1	NA	NS		NS		NS		NS		NS	NS	NS			
trichloroethene (TCE)	5*	1	U	NS		NS		NS		NS		NS	NS	NS			
toluene	5*	1	NA	NS		NS		NS		NS		NS	NS	NS			
trans-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS	NS	NS			
Metals (µg/L) [Dissolved / Total][1]																	
aluminum	2,000	200	U	U	U	48 F	66 F	U	U	U	U	U	U	150 F			
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U			
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U			
barium	1,000	50	37.9 F	41.1 F	40.1 F	33 F	32 F	57	58	31 F	32 F	59	37 F	43 F			
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U			
boron, Total	1,000	110	8.3 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U			
calcium	--	1,100	143,000	157,000	161,000	140,000	140,000	190,000	200,000	130,000	130,000	210,000	130,000	140,000			
chromium	50	10	8.7 F	2.7 F	4.76 F	4.8 F	14	3F	7.8F	2.3 F	8.5 F	4.7 F	18	43			
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U			
copper	200	10	U	U	U	U	U	U	U	U	U	U	U	U			
iron	300	200	70.4 F	U	13.1 F	6.7 F	49 F	U	29F	U	67 F	47 F	140 F	**390**			
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U			
magnesium	35,000	1,000	19,600	20,600	21,000	18,000	18,000	23,000	24,000	19,000	19,000	28,000	19,000	23,000			
manganese	300	10	**302**	116	129	38	180	190	**480**	57	**340**	**500**	**580**	**2,300**			
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U			
nickel	100	20	1.9 F	U	U	U	1.7 F	2F	2.7F	U	1.2 F	1.7 F	2.9 F	6.0 F			
potassium	--	1,000	1,360	1,550	1,570	1,400	1,500	1,700	1,800	1,400	1,400	1,900	1,400	1,700			
selenium	--	30	U	U	U	U	U	U	U	U	U	U	U	U			
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U			
sodium	20,000	1,000	**31,300**	18,200	18,900	18,000	18,000	12,000	12,000	18,000	18,000	13,000	**24,000**	6,000			
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U			
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U			
zinc	2,000	20	5.8 F	17 F	24.7 B	U	U	49J	22J	10 F	10 F	11 F	11 F	6.9 F			
mercury	0.7	1	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Leachate Indicators (mg/L)																	
alkalinity, Total	--	10	358	NS		NS		NS		NS		NS	NS	NS			
ammonia	2	0.2	U	NS		NS		NS		NS		NS	NS	NS			
BOD5	--	2.4	U	NS		NS		NS		NS		NS	NS	NS			
bromide	2	0.5	U	NS		NS		NS		NS		NS	NS	NS			
COD	--	5	U	NS		NS		NS		NS		NS	NS	NS			
chloride	250	1	51.4	NS		NS		NS		NS		NS	NS	NS			
color	15	5	U	NS		NS		NS		NS		NS	NS	NS			
cyanide, Total	200	0.02	U	NS		NS		NS		NS		NS	NS	NS			
fluoride	1.5	1	NA	NS		NS		NS		NS		NS	NS	NS			
hardness, Total	--	1	381	NS		NS		NS		NS		NS	NS	NS			
nitrate	10	1	1.4	NS		NS		NS		NS		NS	NS	NS			
TKN	1	1	0.4	NS		NS		NS		NS		NS	NS	NS			
phosphate	--	1	NA	NS		NS		NS		NS		NS	NS	NS			
sulfate	250	1	44.2	NS		NS		NS		NS		NS	NS	NS			
TDS	500	10	482	NS		NS		NS		NS		NS	NS	NS			
TOC	--	1	0.78 F	NS		NS		NS		NS		NS	NS	NS			
phenolics, Total	--	0.005	U	NS		NS		NS		NS		NS	NS	NS			

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-100											
Date of Collection			2/7/2003	6/18/2003	9/10/2003	12/4/2003	3/25/2004	6/24/2004	9/15/2004	12/9/2004	3/30/2005	6/22/2005	9/7/2005	12/15/2005
Sample ID No.			LF7MW10046AA	LF7MW1004SBB	NS	LF7M10045DA	LF7M10045EA	LF7M10045FA	LF7M10045GA	LF7M10045HA	LF7M10045IA	NS	LF7M10044KA	LF7M10045LA
Depth to Water (ft)			45.40	45.18	NS	44.85	44.75	44.85	44.93	45.00	44.95	44.93	44.85	44.85
VOCs (µg/L)														
1,1,1-trichloroethane	5*	1	U	U	NS	U	U	NA	NA	NA	U	NS	NA	NA
1,1-dichloroethene	5*	1	U	U	NS	U	U	NA	NA	NA	U	NS	NA	NA
benzene	1	0.1	0.56	U	NS	U	U	NA	NA	NA	U	NS	NA	NA
cis-1,2-dichloroethene	5*	1	U	U	NS	U	U	U	U	U	U	NS	U	U
methylene chloride	5*	1	U	U	NS	U	U	NA	NA	NA	U	NS	NA	NA
trichloroethene (TCE)	5*	1	U	U	NS	U	U	U	U	U	U	NS	U	U
toluene	5*	1	U	2.9	NS	U	U	NA	NA	NA	U	NS	NA	NA
trans-1,2-dichloroethene	5*	1	U	U	NS	U	U	U	U	U	U	NS	U	U
Metals (µg/L) [Dissolved / Total][1]														
aluminum	2,000	200	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
antimony	3	50	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
arsenic	25	30	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
barium	1,000	50	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
berylium	3	4	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
boron, Total	1,000	110	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
cadmium	5	5	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
calcium	--	1,100	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
chromium	50	10	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
cobalt	--	60	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
copper	200	10	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
iron	300	200	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
lead	25	25	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
magnesium	35,000	1,000	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
manganese	300	10	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
molybdenum	--	15	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
nickel	100	20	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
potassium	--	1,000	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
selenium	--	30	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
silver	50	10	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
sodium	20,000	1,000	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
thallium	0.5	80	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
vanadium	--	10	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
zinc	2,000	20	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
mercury	0.7	1	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
Leachate Indicators (mg/L)														
alkalinity, Total	--	10	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
ammonia	2	0.2	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
BOD5	--	2.4	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
bromide	2	0.5	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
COD	--	5	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
chloride	250	1	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
color	15	5	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
cyanide, Total	200	0.02	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
fluoride	1.5	1	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
hardness, Total	--	1	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
nitrate	10	1	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
TKN	1	1	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
phosphate	--	1	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
sulfate	250	1	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
TDS	500	10	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
TOC	--	1	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS
phenolics, Total	--	0.005	NA	NA	NS	NA	NA	NS	NA	NA	NA	NS	NS	NS

Landfill 7 AOC

Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF7MW-100																
Date of Collection			**3/10/2006**	**9/13/2006**		**3/29/2007**		**9/24/2007**		**3/27/2008**		**9/16/2008**	**4/17/2009**	**3/25/2010**					
Sample ID No.			**LF7M10045MA**	**LF7M10045NA**		**LF7M10045OA**		**LF7M10044PA**		**LF7M10045QA**		**LF7M10045RA**	**LF7M10045SA**	**LF7M10044TA**					
Depth to Water (ft)			**44.70**	**44.59**		**44.59**		**44.65**		**44.68**		**44.81**	**44.53**	**45.45**					
VOCs (µg/L)																			
1,1,1-trichloroethane	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
1,1-dichloroethene	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
benzene	1	0.1	NA	NS		NS		NS		NS		NS	NS	NS					
cis-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS	NS	NS					
methylene chloride	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
trichloroethene (TCE)	5*	1	U	NS		NS		NS		NS		NS	NS	NS					
toluene	5*	1	NA	NS		NS		NS		NS		NS	NS	NS					
trans-1,2-dichloroethene	5*	1	U	NS		NS		NS		NS		NS	NS	NS					
Metals (µg/L) [Dissolved / Total][1]																			
aluminum	2,000	200	NS	NS	**4,620**	63 F	**3,400**	U	**3,500**	NS	**4,100**	**8,400**	**8,800**	**5,500**					
antimony	3	50	NS	NS	U	U	U	U	U	NS	U	**11 F**	U	U					
arsenic	25	30	NS	NS	U	U	U	U	U	NS	U	U	4.7 F	10 F					
barium	1,000	50	NS	NS	51.9	36 F	53	35F	44F	NS	48 F	97	67	69					
berylium	3	4	NS	NS	U	U	U	U	U	NS	U	U	U	U					
boron, Total	1,000	110	NS	NS	NA	NA	NA	NA	NA	NS	NA	NA	NA	NA					
cadmium	5	5	NS	NS	2.29 F	10 F	2.3 F	U	U	NS	2.8 F	0.67 F	4.8 F	U					
calcium	--	1,100	NS	NS	57,000	55,000	55,000	47,000	48,000	NS	42,000	48,000	43,000	47,000					
chromium	50	10	NS	NS	26.1	2.0 F	28	U	18	NS	**11,000**	**4,300**	**20,000**	**21,000**					
cobalt	--	60	NS	NS	U	U	U	U	U	NS	46 F	U	72	34 F					
copper	200	10	NS	NS	50.3	7.6 F	44	6.7F	31	NS	130	98	**200**	180					
iron	300	200	NS	NS	**1,600**	U	**1,400**	U	**920**	NS	**25,000**	**11,000**	**18,000**	**21,000**					
lead	25	25	NS	NS	U	U	U	U	U	NS	9.3 F	7.0 F	12 F	4.2 F					
magnesium	35,000	1,000	NS	NS	13,900	13,000	14,000	12,000	12,000	NS	11,000	12,000	11,000	11,000					
manganese	300	10	NS	NS	300	210	250	150	180	NS	**670**	240	**1,400**	**680**					
molybdenum	--	15	NS	NS	16	17	17	16	17	NS	260	150	350	370					
nickel	100	20	NS	NS	44.3	15 F	38	13F	31	NS	**4,900**	**860**	**5,900**	**4,100**					
potassium	--	1,000	NS	NS	20,800	21,000	21,000	19,000	19,000	NS	19,000	18,000	19,000	20,000					
selenium	--	30	NS	NS	4.39 F	4.2 F	5.0 F	U	3.2	NS	5.5 F	9.4 F	5.8 F	U					
silver	50	10	NS	NS	U	U	U	U	U	NS	U	U	U	U					
sodium	20,000	1,000	NS	NS	**1,020,000**	**1,100,000**	**1,100,000**	**990,000**	**990,000**	NS	**990,000**	**950,000**	**1,000,000**	**910,000**					
thallium	0.5	80	NS	NS	U	U	1.7 F	U	U	NS	U	U	U	U					
vanadium	--	10	NS	NS	2.42 F	U	U	U	1.5F	NS	43.0	22.0	61	76					
zinc	2,000	20	NS	NS	401	26	61	30	110	NS	110	69	90 B	46					
mercury	0.7	1	NS	NS	NA	NA	NA	NA	NA	NS	NA	NA	NA	NS					
Leachate Indicators (mg/L)																			
alkalinity, Total	--	10	NS	NS		NS		NS		NS		NS	NS	NS					
ammonia	2	0.2	NS	NS		NS		NS		NS		NS	NS	NS					
BOD5	--	2.4	NS	NS		NS		NS		NS		NS	NS	NS					
bromide	2	0.5	NS	NS		NS		NS		NS		NS	NS	NS					
COD	--	5	NS	NS		NS		NS		NS		NS	NS	NS					
chloride	250	1	NS	NS		NS		NS		NS		NS	NS	NS					
color	15	5	NS	NS		NS		NS		NS		NS	NS	NS					
cyanide, Total	200	0.02	NS	NS		NS		NS		NS		NS	NS	NS					
fluoride	1.5	1	NS	NS		NS		NS		NS		NS	NS	NS					
hardness, Total	--	1	NS	NS		NS		NS		NS		NS	NS	NS					
nitrate	10	1	NS	NS		NS		NS		NS		NS	NS	NS					
TKN	1	1	NS	NS		NS		NS		NS		NS	NS	NS					
phosphate	--	1	NS	NS		NS		NS		NS		NS	NS	NS					
sulfate	250	1	NS	NS		NS		NS		NS		NS	NS	NS					
TDS	500	10	NS	NS		NS		NS		NS		NS	NS	NS					
TOC	--	1	NS	NS		NS		NS		NS		NS	NS	NS					
phenolics, Total	--	0.005	NS	NS		NS		NS		NS		NS	NS	NS					

Landfill 7 AOC

Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF7WL-3												
Date of Collection			**2/7/2003**	**6/17/2003**	**9/10/2003**	**12/3/2003**	**3/24/2004**	**6/23/2004**	**9/14/2004**	**12/8/2004**	**3/30/2005**	**6/21/2005**	**9/7/2005**	**12/15/2005**	**3/10/2006**
Sample ID No.			**NS**	**LF7WL0300BB**	**LF7WL0301CA**	**NS**	**LF7WL0301EA**	**LF7WL0301FA**	**LF7WL0301GA**	**LF7WL0301HA**	**LF7WL0301IA**	**LF7WL0301JA**	**NS**	**LF7WL0301LA**	**LF7WL0301MA**
Depth to Water (ft)			**surface**	**surface**	**surface**	**NS**	**surface**	**surface**	**surface**	**surface**	**surface**	**surface**	**NS**	**surface**	**surface**
VOCs in (µg/L)															
cis-1,2-dichloroethene	5	1	NS	U	U	NS	U	U	U	U	U	U	NS	U	U
trichloroethylene	5	1	NS	U	U	NS	U	U	U	U	U	U	NS	0.61 F	U
trans-1,2-dichloroethene	5	1	NS	U	U	NS	U	U	U	U	U	U	NS	U	U
vinyl chloride	0.3	1	NS	U	U	NS	U	U	U	U	U	U	NS	U	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	NS	34.4 F	**349**	NS	U	U	**222**	U	U	**1,860**	NS	**236**	74.1 F
antimony	3	50	NS	U	U	NS	U	U	U	U	U	U	NS	U	U
arsenic	50	30	NS	U	**52.9**	NS	U	U	5.9 F	4.2 F	U	5 F	NS	5.5 F	U
barium	1,000	50	NS	188	234	NS	17.4 F	106	95.1	U	50.1	146	NS	59	30.2 F
berylium	3	4	NS	U	0.3 F	NS	U	U	U	U	U	U	NS	U	U
boron, Total	1,000	110	NS	124 B	NA	NS	15.9	NA	NA	NA	21.8	NA	NS	NA	17.6
cadmium	5	5	NS	U	U	NS	U	U	U	U	U	0.4 F	NS	U	U
calcium	--	1,100	NS	96,900	77,800	NS	43,700	63,600	74,400	43,400	24,800	38,500	NS	111,000	20,600
chromium	50	10	NS	U	U	NS	U	U	U	U	U	2 F	NS	1 F	1.1 F
cobalt	5	60	NS	U	3.7 F	NS	U	U	1.8 F	U	U	3.3 F	NS	U	U
copper	200	10	NS	U	8.2 F	NS	U	U	4.2 F	U	U	6.6 F	NS	3.9 F	U
iron	300	200	NS	**4,680**	**99,100**	NS	58.9 F	**1,990**	**32,700**	**2,600**	**362**	**12,400**	NS	**8,200**	170 F
lead	50	25	NS	5.0 F	9.4 F	NS	U	U	U	U	U	4.4 F	NS	U	U
magnesium	35,000	1,000	NS	14,600	14,100	NS	6,280	5,680	9,110	5,850	2,450	5,810	NS	17,800	2,920
manganese	300	10	NS	**7,050**	**7,780**	NS	32.6	214	**1,690**	**448**	**400**	**3,540**	NS	**436**	73.7
nickel	100	20	NS	U	4.4 F	NS	U	U	1.8 F	U	U	6.4 F	NS	U	U
potassium	--	1,000	NS	125 F	243 F	NS	1,250	499 F	136 F	1,660	1,350	433 F	NS	2,190	1,400
selenium	10	30	NS	U	8.5 F	NS	U	U	U	U	U	U	NS	U	U
sodium	--	1,000	NS	2,660	4,580	NS	1,210	U	583 F	377 F	553 F	1,210	NS	9,540	1,690
thallium	0.5	80	NS	**5.8 F**	**14.9 F**	NS	U	U	U	U	U	U	NS	U	U
vanadium	--	10	NS	U	7.6 F	NS	U	U	1.8 F	U	U	4.4 F	NS	1 F	U
zinc	2,000	20	NS	U	46.8	NS	2.8 F	11.5 F	12.5 F	U	U	40.1	NS	14.3 F	5.2 F
mercury	0.7	1	NS	U	NA	NS	U	NA	NA	NA	U	NA	NS	NA	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	NS	304	210	NS	132	142 B	35	133	78.5	179	NS	321	61.5
ammonia	2	0.2	NS	U	U	NS	U	0.02 F	0.025 F	U	U	U	NS	U	U
BOD5	--	2.4	NS	U	8.7	NS	U	3	U	2.2	U	4.2	NS	4	U
bromide	2	0.5	NS	U	U	NS	U	U	U	U	U	U	NS	U	U
COD	--	5	NS	27.4	276	NS	U	34.9	32.5	15.8	U	44.7	NS	21.4	U
chloride	250	1	NS	U	9.4	NS	2	0.65 F	0.44 F	0.94 F	0.9 F	0.35 F	NS	27.5	2.1
color	15	5	NS	**70**	NA	NS	7.5	NA	NA	NA	**25 J**	NA	NS	NA	13
cyanide, Total	200	0.02	NS	U	NA	NS	U	NA	NA	NA	U	NA	NS	NA	U
hardness, Total	--	1	NS	209	268	NS	330	190	250	136	78	236	NS	430	53.3
nitrate	10	1	NS	U	U	NS	0.16 F	U	U	U	U	U	NS	0.11 F	0.087 F
nitrite-N	1	1	NS	U	NA	NS	NA	NA	NA	NA	NA	NA	NS	NA	NA
TKN	1	1	NS	0.87 B	**7.1**	NS	U	0.75 B	1	0.67	0.42	0.89	NS	1 B	U
sulfate	250	1	NS	1	1.6	NS	4.7	U	U	5.7	0.86 F	32.5	NS	6.8	3.8
TDS	500	10	NS	330	257	NS	154	199	240	146	81	241	NS	382	76
TOC	--	1	NS	9.3	5.3	NS	1.8	8.4	6.2	2.2	2.2	9.0	NS	3.9	2.4 B
phenolics, Total	--	0.005	NS	U	U	NS	U	U	U	U	U	0.0090 F	NS	0.004 F	U

Landfill 7 AOC

Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF7WL-3																	
Date of Collection			9/12/2006		3/29/2007		9/24/2007	3/27/2008		9/16/2008		4/21/2009	4/1/2010							
Sample ID No.			LF7WL0301NA		LF7WL0301OA		LF7WL0301PA	LF7WL0301QA		LF7WL0301RA		LF7WL0301SA	LF7WL0301TA							
Depth to Water (ft)			surface		surface		surface	surface		surface		surface	surface							
VOCs in (µg/L)																				
cis-1,2-dichloroethene	5	1	NS		NS		NS	NS		NS		NS	NS							
trichloroethylene	5	1	NS		NS		NS	NS		NS		NS	NS							
trans-1,2-dichloroethene	5	1	NS		NS		NS	NS		NS		NS	NS							
vinyl chloride	0.3	1	NS		NS		NS	NS		NS		NS	NS							
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	100	200	U	**18,200**	56 F	**180 F**	NS	U	**110 F**	U	64 F	U	U							
antimony	3	50	U	U	U	U	NS	U	1.9 F	U	U	U	U							
arsenic	50	30	U	**755**	U	U	NS	U	U	U	U	U	U							
barium	1,000	50	108	**11,900**	21 F	50	NS	19 F	29 F	51	55	33 F	18 F							
berylium	3	4	U	U	U	U	NS	U	U	U	U	U	U							
boron, Total	1,000	110	NA	NA	NA	NA	NS	NA	NA	NA	NA	NA	NA							
cadmium	5	5	U	**26.3 F**	U	0.55 F	NS	U	U	U	U	U	U							
calcium	--	1,100	88,600	418,000	48,000	48,000	NS	66,000	67,000	71,000	79,000	7,400	62,000							
chromium	50	10	U	U	2.1 F	3.5 F	NS	U	U	U	U	U	U							
cobalt	5	60	U	**388 F**	U	U	NS	U	U	U	U	U	U							
copper	200	10	U	145	U	2.3 F	NS	U	2.4 F	U	U	U	U							
iron	300	200	250	**4,050,000**	5.4 F	**520**	NS	U	**550**	69 F	**440**	**1,200**	82 F							
lead	50	25	U	**147 F**	U	U	NS	U	U	U	U	U	U							
magnesium	35,000	1,000	12,300	33,500	5,900	5,900	NS	8,400	8,600	8,800	9,900	10,000	8,000							
manganese	300	10	**2,880**	**218,000**	3.0 F	**960**	NS	U	250	**570**	**650**	**310**	10							
nickel	100	20	U	88.9 F	U	U	NS	U	U	U	U	U	U							
potassium	--	1,000	2,480	5,680 F	1,300	1,400	NS	970 F	1,000	2,000	2,000	1,400	1,600							
selenium	10	30	U	U	U	U	NS	U	U	U	U	U	U							
sodium	--	1,000	4,070 B	5,070 F	4,600	4,600	NS	3,000	3,100	7,200 B	7,800 B	6,000	4,000							
thallium	0.5	80	U	U	U	U	NS	U	U	U	U	U	U							
vanadium	--	10	U	167	U	U	NS	U	U	U	U	U	U							
zinc	2,000	20	18.8 F	1,100	U	9.3 F	NS	10 F	23	14 F	18 F	18 F	6.2 F							
mercury	0.7	1	NA	NA	NA	NA	NS	NA	NA	NA	NA	NA	NA							
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	NS		NS		NS	NS		NS		NS	NS							
ammonia	2	0.2	NS		NS		NS	NS		NS		NS	NS							
BOD5	--	2.4	NS		NS		NS	NS		NS		NS	NS							
bromide	2	0.5	NS		NS		NS	NS		NS		NS	NS							
COD	--	5	NS		NS		NS	NS		NS		NS	NS							
chloride	250	1	NS		NS		NS	NS		NS		NS	NS							
color	15	5	NS		NS		NS	NS		NS		NS	NS							
cyanide, Total	200	0.02	NS		NS		NS	NS		NS		NS	NS							
hardness, Total	--	1	NS		NS		NS	NS		NS		NS	NS							
nitrate	10	1	NS		NS		NS	NS		NS		NS	NS							
nitrite-N	1	1	NS		NS		NS	NS		NS		NS	NS							
TKN	1	1	NS		NS		NS	NS		NS		NS	NS							
sulfate	250	1	NS		NS		NS	NS		NS		NS	NS							
TDS	500	10	NS		NS		NS	NS		NS		NS	NS							
TOC	--	1	NS		NS		NS	NS		NS		NS	NS							
phenolics, Total	--	0.005	NS		NS		NS	NS		NS		NS	NS							

Landfill 7 AOC

Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF7WL-4												
Date of Collection			2/7/2003	6/17/2003	9/10/2003	12/3/2003	3/24/2004	6/23/2004	9/14/2004	12/8/2004	3/30/2005	6/21/2005	9/7/2005	12/15/2005	3/10/2006
Sample ID No.			NS	LFWL0400BB	LF7WL0401CA	NS	LF7WL0401EA	LF7WL0401FA	LF7WL0401GA	LF7WL0401HA	LF7WL0401IA	LF7WL0401JA	NS	NS	LF7WL0401MA
Depth to Water (ft)			surface	surface	surface	NS	surface	surface	surface	surface	surface	surface	NS	NS	surface
VOCs in (µg/L)															
cis-1,2-dichloroethene	5	1	NS	U	U	NS	U	U	U	U	U	U	NS	NS	U
trichloroethylene	5	1	NS	0.24 F	U	NS	U	U	U	U	U	U	NS	NS	U
trans-1,2-dichloroethene	5	1	NS	U	U	NS	U	U	U	U	U	U	NS	NS	U
vinyl chloride	0.3	1	NS	U	U	NS	U	U	U	U	U	U	NS	NS	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	NS	83.4 F	**3,490**	NS	U	43.5 F	U	**113 F**	**402**	**1,600**	NS	NS	**155 F**
antimony	3	50	NS	U	**29.6 F**	NS	U	U	U	U	U	U	NS	NS	U
arsenic	50	30	NS	U	**491**	NS	U	U	U	4.1 F	U	5.5 F	NS	NS	U
barium	1,000	50	NS	44.7 F	**2,110**	NS	17.9 F	123	90.1	398	159	88.3	NS	NS	25.9 F
berylium	3	4	NS	U	1.2 F	NS	U	U	U	U	U	U	NS	NS	U
boron, Total	1,000	110	NS	151 B	NA	NS	28.8	NA	NA	NA	U	NA	NS	NS	19.1
cadmium	5	5	NS	U	U	NS	U	U	U	U	U	U	NS	NS	U
calcium	--	1,100	NS	164,000	415,000	NS	57,300	66,300	70,000	57,400	166,000	167,000	NS	NS	22,100
chromium	50	10	NS	U	6.6 F	NS	U	U	U	U	U	2.5 F	NS	NS	1.4 F
cobalt	5	60	NS	U	**16.6 F**	NS	U	U	U	4.5 F	1.5 F	3.4 F	NS	NS	U
copper	200	10	NS	U	50.7	NS	U	3.3 F	2.7 F	2.7 F	15.2	10.4	NS	NS	2.3 F
iron	300	200	NS	**1,690**	**1,240,000**	NS	104 F	122 F	66.2 F	**20,300**	**22,400**	**29,200**	NS	NS	260
lead	50	25	NS	U	**84**	NS	U	U	U	U	8.2 F	7.8 F	NS	NS	U
magnesium	35,000	1,000	NS	14,300	20,100	NS	7,080	8,930	11,000	6,320	8,530	8,680	NS	NS	2,650
manganese	300	10	NS	**602**	**27,300**	NS	20.5	40.5	44.5	**9,530**	**4,850**	**3,540**	NS	NS	9.5 F
nickel	100	20	NS	U	28	NS	U	U	U	U	3.8 F	8.3 F	NS	NS	U
potassium	--	1,000	NS	8,130	7,090	NS	2,730	1,760	2,700	3,330	2,360	4,580	NS	NS	1,590
selenium	10	30	NS	U	**55.1**	NS	U	U	U	5.1 F	U	U	NS	NS	U
sodium	--	1,000	NS	3,790	4,930	NS	1,720	1,800	3,220	1,030	1,720	1,650	NS	NS	1,580
thallium	0.5	80	NS	U	**138**	NS	U	U	U	U	U	U	NS	NS	U
vanadium	--	10	NS	U	63	NS	U	U	U	U	4 F	4.8 F	NS	NS	U
zinc	2,000	20	NS	U	339	NS	3.5 F	8.1 F	U	23	60.9	27.4	NS	NS	5.7 F
mercury	0.7	1	NS	U	NA	NS	U	NA	NA	NA	U	NA	NS	NS	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	NS	370	309	NS	153	155 B	53.4	234	208	390	NS	NS	63.2
ammonia	2	0.2	NS	U	**70.4**	NS	U	0.011 F	0.012 F	0.044 F	0.075	0.070	NS	NS	0.059
BOD5	--	2.4	NS	2.1	41.3	NS	U	U	U	3.8	6.9	8.4	NS	NS	U
bromide	2	0.5	NS	U	U	NS	U	U	U	U	U	U	NS	NS	U
COD	--	5	NS	24.9	U	NS	18	22	16.5	28	21.5	26.2	NS	NS	U
chloride	250	1	NS	3.6	4.9	NS	2	U	2.2	1.8	1	2.9	NS	NS	1.2
color	15	5	NS	**40**	NA	NS	7.5	NA	NA	NA	15 J	NA	NS	NS	15
cyanide, Total	200	0.02	NS	U	NA	NS	U	NA	NA	NA	U	NA	NS	NS	U
hardness, Total	--	1	NS	422	1,460	NS	310	192	230	216	425	670	NS	NS	53.5
nitrate	10	1	NS	U	U	NS	0.1 F	U	U	U	0.06 F	U	NS	NS	0.16 F
nitrite-N	1	1	NS	U	NA	NS	NA	NA	NA	NA	NA	NA	NS	NS	NA
TKN	1	1	NS	0.84 B	**30.2**	NS	0.15 F	0.71 B	0.54	**1.4**	0.79	**2.5**	NS	NS	0.3
sulfate	250	1	NS	34.5	U	NS	22.3	16.4	0.81 F	25.7	16.3	18.6	NS	NS	7
TDS	500	10	NS	480	334	NS	189	216	258	283	179	422	NS	NS	72
TOC	--	1	NS	4.2	4	NS	2.4	6.3	4.6	5.3	2.1	5	NS	NS	2.1 B
phenolics, Total	--	0.005	NS	U	0.064	NS	U	U	U	0.0087 F	U	0.0050 F	NS	NS	U

Landfill 7 AOC

Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF7WL-4																	
Date of Collection			9/12/2006		3/29/2007		9/24/2007	3/27/2008		9/16/2008		4/21/2009	4/1/2010							
Sample ID No.			LF7WL0401MA		LF7WL0401OA		LF7WL0401PA	LF7WL0401QA		LF7WL0401RA		LF7WL0401SA	LF7WL0401TA							
Depth to Water (ft)			surface		surface		surface	surface		surface		surface	surface							
VOCs in (µg/L)																				
cis-1,2-dichloroethene	5	1	NS		NS		NS	NS		NS		NS	NS							
trichloroethylene	5	1	NS		NS		NS	NS		NS		NS	NS							
trans-1,2-dichloroethene	5	1	NS		NS		NS	NS		NS		NS	NS							
vinyl chloride	0.3	1	NS		NS		NS	NS		NS		NS	NS							
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	100	200	U	**173 F**	50 F	52 F	NS	U	47 F	U	U	U	U							
antimony	3	50	U	U	U	U	NS	U	U	U	U	U	U							
arsenic	50	30	U	46.2	U	U	NS	U	U	U	U	U	U							
barium	1,000	50	59.8	229	11 F	11 F	NS	15 F	14 F	23 F	90	13 F	43 F							
berylium	3	4	U	U	U	U	NS	U	U	U	U	U	U							
boron, Total	1,000	110	NA	NA	NA	NA	NS	NA	NA	NA	NA	NA	NA							
cadmium	5	5	U	U	U	0.47 F	NS	U	U	U	U	U	U							
calcium	--	1,100	87,700	101,000	61,000	63,000	NS	80,000	76,000	79,000	92,000	63,000	68,000							
chromium	50	10	U	U	1.7 F	3.2 F	NS	U	U	U	1.5 F	U	U							
cobalt	5	60	U	U	U	U	NS	U	U	U	U	U	U							
copper	200	10	U	3.07 F	U	U	NS	U	U	U	3.0 F	U	U							
iron	300	200	**8,490**	**119,000**	U	65 F	NS	5.9 F	69 F	U	**3,800**	39 F	26 F							
lead	50	25	U	U	U	U	NS	U	U	U	U	U	U							
magnesium	35,000	1,000	12,100	12,500	7,500	7,900	NS	8,900	8,600	12,000	13,000	10,000	8,700							
manganese	300	10	**2,150**	**2,880**	U	12	NS	U	2.4 F	16	**3,400**	12	4.9 F							
nickel	100	20	U	2.52 F	U	U	NS	U	U	U	2.1 F	2.9 F	U							
potassium	--	1,000	2,800	3,020	1,700	1,700	NS	2,100	2,000	2,700	2,800	1,200	5,800							
selenium	10	30	U	U	U	U	NS	U	U	U	U	U	U							
sodium	--	1,000	3,940 B	3,940	1,500	1,500	NS	2,400	2,200	4,500	4,100	1,500	4,300							
thallium	0.5	80	U	U	U	U	NS	U	U	U	U	U	U							
vanadium	--	10	0.93 F	8.65 F	U	U	NS	U	U	U	U	U	U							
zinc	2,000	20	21.8 B	43.3 B	U	U	NS	9.7 F	11 F	14 F	27	12 F	5.3 F							
mercury	0.7	1	NA	NA	NA	NA	NS	NA	NA	NA	NA	NA	NA							
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	NS		NS		NS	NS		NS		NS	NS							
ammonia	2	0.2	NS		NS		NS	NS		NS		NS	NS							
BOD5	--	2.4	NS		NS		NS	NS		NS		NS	NS							
bromide	2	0.5	NS		NS		NS	NS		NS		NS	NS							
COD	--	5	NS		NS		NS	NS		NS		NS	NS							
chloride	250	1	NS		NS		NS	NS		NS		NS	NS							
color	15	5	NS		NS		NS	NS		NS		NS	NS							
cyanide, Total	200	0.02	NS		NS		NS	NS		NS		NS	NS							
hardness, Total	--	1	NS		NS		NS	NS		NS		NS	NS							
nitrate	10	1	NS		NS		NS	NS		NS		NS	NS							
nitrite-N	1	1	NS		NS		NS	NS		NS		NS	NS							
TKN	1	1	NS		NS		NS	NS		NS		NS	NS							
sulfate	250	1	NS		NS		NS	NS		NS		NS	NS							
TDS	500	10	NS		NS		NS	NS		NS		NS	NS							
TOC	--	1	NS		NS		NS	NS		NS		NS	NS							
phenolics, Total	--	0.005	NS		NS		NS	NS		NS		NS	NS							

Landfill 5 AOC
Groundwater Analytical Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-1A												
Date of Collection			**2/3/2003**	**6/16/2003**	**9/8/2003**	**12/1/2003**	**3/26/2004**	**6/21/2004**	**9/13/2004**	**12/10/2004**	**3/30/2005**	**6/20/2005**	**9/6/2005**	**12/13/2005**	**3/9/2006**
Sample ID No.			**LF5M1A22AA**	**LF5M1A21BB**	**LF5M1A22CA**	**LF5M1A21DA**	**LF5M1A21EA**	**LF5M1A21FA**	**LF5M1A21GA**	**LF5M1A22HA**	**LF5M1A22IA**	**LF5M1A22JA**	**LF5M1A22KA**	**LF5M1A22LA**	**LF5M1A23MA**
Depth to Water (ft)			**21.80**	**20.99**	**21.59**	**21.16**	**20.98**	**21.10**	**21.33**	**21.81**	**21.84**	**21.80**	**22.46**	**21.78**	**22.53**
VOCs (µg/L)															
1,2,3-trichlorobenzene	5	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trichlorobenzene	5*	1	U	UM	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trimethylbenzene	5*	1	U	UM	NA	NA	U	NA	NA	NA	UM	NA	NA	NA	UM
1,3,5-trimethylbenzene	5*	1	U	UM	NA	NA	U	NA	NA	NA	UM	NA	NA	NA	U
4-chlorotoluene	5*	1	U	0.20 M	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
acetone	50	10	U	U	NA	NA	U	NA	NA	NA	1.7 F	NA	NA	NA	U
carbon disulfide	1,000	0.5	U	U	NA	NS	U	NA	NA	NA	U	NA	NA	NA	U
chlorobenzene	5*	0.5	U	UM	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
chloroform	7	0.3	0.35 B	UM	NA	NA	0.26 F	NA	NA	NA	0.33 F	NA	NA	NA	U
naphthalene	10	1	U	UM	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
o-xylene	5*	1	U	UM	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
styrene	50*	1	U	UM	NA	NA	U	NA	NA	NA	UM	NA	NA	NA	UM
toluene	5*	1	0.16 F	UM	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	**33,118.6**	**11,000 M**	**10,400**	**23,500**	**15,600 M**	**12,200 M**	**3,990**	**6,020**	**8,370 M**	**9,220 M**	**3,530 J**	1,900 J	1,520
antimony	3	50	**21.8 F**	**21.0 F**	**17.5 F**	**14.3 F**	U	U	U	U	U	U	U	U	U
arsenic	25	30	**29.5 F**	6.1 F	8.7 F	20.9 F	10.3 F	8.1 F	U	5.2 F	3.1 F	3.8 F	U	U	U
barium	1,000	50	233.1	91.7	92.9	152	117	108	68	74.8	99.1 M	98.2	80.4	70.2	54.2
berylium	3	4	1.79 F	0.50 F	0.6 F	1.2 F	0.8 F	U	U	U	0.5 F	0.5 F	U	U	U
boron, Total	1,000	10	35.5 F	60.6 B	NA	NS	24.4	NA	NA	NA	17.8	NA	NA	NA	15.1
cadmium	5	5	U	U	U	U	0.5 F	U	U	U	U	U	U	U	U
calcium	--	1,100	99,808.9	65,000	86,500	75,800	90,700	118,000 M	106,000	145,000	140,000	126,000	191,000	139,000	101,000
chromium	50	10	**14,712.7**	**1,160**	**1,100 M**	**749 J**	**346 M**	**1,000 M**	**240 M**	**394 J**	**447 M**	**965 M**	**458 M**	**219 M**	**610 M**
cobalt	--	60	52.5	10.1 F	11.2 F	22.8 F	12.7 F	11.3 F	2.6 F	4.5 F	7.7 F	11.5 F	4.5 F	2.2 F	1.9 F
copper	200	10	**328.6**	45.7	47.2	93.6	52.8 M	56.4	15.5	22 J	38.3 J	37.6	18.1 J	9 F	13
iron	300	200	**134,816.7**	**19,500**	**23,600 M**	**51,400**	**29,500**	**26,000 M**	**7,610**	**11,000**	**14,700 M**	**18,600 M**	**7,980 J**	**3,480 J**	**3,590 M**
lead	25	25	22 F	8.0 F	9.2 F	22.5 F	12.6 F	8.9 F	U	3.9 F	5.1 F	4.1 F	U	U	U
magnesium	35,000	1,000	19,850.2	6,510	6,890	11,600	9,270	9,600 M	6,300	9,000	8,060	8,810 M	9,590	7,050	5,020
manganese	300	10	**4,461.8**	**1,000**	**941 M**	**2,360**	**1,450**	**1,180 M**	**310**	**419**	**620 M**	**869 M**	**340 M**	136 M	124 M
molybdenum	--	15	151.1	13.1 F	14.1 F	8.8 F	4.6 F	11.4 F	2.9 F	2.9 F	3.1 F	9.8 F	5.4 F	2.7 F	9.9 F
nickel	100	20	**757.2**	80.9	82.4	**127**	72.2 M	81	33.1 J	84.5	**107 M**	**109 M**	**122**	59.8 J	45.3 M
potassium	--	1,000	6,355.4	4,850 M	4,450.0	7,710	6,190	5,040	2,750	3,260	3,720	4,390	2,560	2,260	1,530
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	2.2 F	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**70,416.3**	**32,400**	**79,900 M**	**74,000**	**47,400**	**47,600 M**	**71,500**	**92,200**	**126,000**	**111,000**	**135,000**	**166,000 M**	**104,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	107.8	26.1	24.4	46.8	31.3	25.7	7.3 F	11.4	16.4 J	18.8	7.5 F	4 F	4.9 F
zinc	2,000	20	171.3	42.7	59	116	69.1	55.2 M	17 F	24.9	34.9	37.7 M	17.2 F	7.3 F	7.4 F
PCBs (µg/L) [Filtered/Unfiltered]															
aroclor 1242	0.09	0.5	U	U	U	U	U	U	U	U	U	NA	NA	NA	U
aroclor 1248	0.09	0.5	U	U	U	U	U	U	U	U	U	NA	NA	NA	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	247	180	252 M	219	205	168	212	379	356	249	342 M	252	240
ammonia	2	0.2	U	0.15	UM	0.11 J	0.078	U	0.03 F	0.14	U	U	0.029 F	U	U
BOD5	--	2.4	U	6.1 B	UM	U	U	U	UM	U	UM	U	U	U	U
bromide	2	0.5	U	UM	UM	U	U	UM	U	U	U	U	U	U	U
COD	--	5	12.54	19.1 M	UM	U	U	U	U	U	U	6.3 M	U	19.4 M	UM
chloride	250	1	74.323 R	27.9	71.3 M	83.2	126	184	231	147	184	262	**325**	**363 M**	203 M
color	15	5	**50**	**100**	NA	NA	**250**	NA	NA	NA	**400 J**	NA	NA	NA	**20**
cyanide	200	0.02	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	0.0071 F
hardness, Total	--	1	1.94	221	269	300	272	308	320	444	290	384	U	80.3 M	300 M
nitrate	10	1	5.6315	5 M	**14.5 J**	U	3.8 J	UM	3.7 M	3.4	3.3 M	3.3 M	3.3 M	3.1 M	2.6
TKN	1	1	**1.12**	0.43	0.79 M	0.45	0.34 J	0.36	0.17 F	0.73 B	0.34	0.22	0.36 M	0.89 M	0.91 M
sulfate	250	1	16.6555	14	15.9 M	16	10.7	12	11	15.1	19.1 M	15.2	14.9	23.4 M	14
TDS	500	10	275.6	325	451	434	494	**608**	**626**	**667**	**649**	**707**	**1,040**	**848**	**577**
TOC	--	1	5.99	2.7	3.1	3.7	2.5	0.95 F	2.7	4.2	3.9	3.5	3.2	2.2	2.3
phenolics, Total	--	0.005	0.0062	0.019 B	U	0.014 J	U	U	U	U	0.0069 F	U	U	U	U

Landfill 5 AOC
Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-1A																			
Date of Collection			**9/12/2006**		**3/27/2007**		**9/24/2007**		**3/27/2008**		**9/15/2008**		**4/7/2009**		**3/24/2010**							
Sample ID No.			**LF5M1A22NA**		**LF51A21OA**		**LF5M1A22PA**		**LF5M1A20QA**		**LF5M1A22RA**		**LF5M1A20SA**		**LF5M1A21TA**							
Depth to Water (ft)			**21.91**		**20.52**		**22.20**		**20.12**		**21.88**		**20.32**		**21.47**							
VOCs (µg/L)																						
1,2,3-trichlorobenzene	5	1	NA		NA		NA		NA		NA		NA		NA							
1,2,4-trichlorobenzene	5*	1	NA		NA		NA		NA		NA		NA		NA							
1,2,4-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA							
1,3,5-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA							
4-chlorotoluene	5*	1	NA		NA		NA		NA		NA		NA		NA							
acetone	50	10	NA		NA		NA		NA		NA		NA		NA							
carbon disulfide	1,000	0.5	NA		NA		NA		NA		NA		NA		NA							
chlorobenzene	5*	0.5	NA		NA		NA		NA		NA		NA		NA							
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA							
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA							
o-xylene	5*	1	NA		NA		NA		NA		NA		NA		NA							
styrene	50*	1	NA		NA		NA		NA		NA		NA		NA							
toluene	5*	1	NA		NA		NA		NA		NA		NA		NA							
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA							
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	**1,870**	U	**13,000**	U	5,700	U	**9,500♦**	U	**4,800♦**	U	**14,000 J**	U	**4,600 ♦**						
antimony	3	50	U	U	U	U	U	2.5F	U	U	**3.9 F♦**	U	U	U	U	U						
arsenic	25	30	U	U	U	8.3 F	U	5F	U	8.0 F	U	4.6 F♦	U	11 F	U	U						
barium	1,000	50	46 F	55.7	34 F	93	34F	65	30 F	78♦	50♦	82♦	36 F♦	99	69 ♦	76						
berylium	3	4	U	U	U	0.73 F	U	.28F	0.11 F	0.87 F	U	0.72 F♦	U	0.80 F	U	0.24 F♦						
boron, Total	1,000	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA						
cadmium	5	5	U	U	U	U	U	U	U	0.53 F	U	U	U	U	U	U						
calcium	--	1,100	108,000	105,000	110,000	110,000	120,000	120,000	68,000	70,000♦	130,000	140,000♦	78,000 ♦	89,000	160,000 J ♦	110,000 J						
chromium	50	10	U	**189**	3.6 F	**1,400 J**	U	**620M**	U	**2,200 J**	U	**1,700♦**	U	**950 J♦**	U	**620 M**						
cobalt	--	60	U	U	U	9.1 F	U	U	U	7.8 F	U	7.0 F	U	11 F	U	U						
copper	200	10	U	9.79 F	4.0 F	55	U	26J	U	45 J♦	U	38	U	51	U	19						
iron	300	200	13.8 F	**4,740**	U	**25,000**	U	**13,000**	U	**27,000♦**	22 F	**16,000**	U	**29,000 J**	290	**9,700 ♦**						
lead	25	25	U	U	U	9.7 F	U	U	U	8.5 F♦	U	U	U	13 F	U	U						
magnesium	35,000	1,000	4,560	5,010	6,700	10,000	5,400	7,300	4,400	7,300♦	4,900♦	6,800♦	4,100 ♦	8,400	7,400 J ♦	6,200						
manganese	300	10	8.63 F	130	23	**1,000**	30J	**470**	12	**960♦**	91 J♦	**460♦**	6.9 F♦	**1,400 J**	76 ♦	**320**						
molybdenum	--	15	U	U	U	13 F	U	7.3F	U	12 F♦	U	17.0	U	7.7 F♦	U	5.7 F♦						
nickel	100	20	30.9	43.1	44	**110 J**	66.0	**120J**	17 F	**110 J♦**	**160 J♦**	**250**	19 F♦	**150 J♦**	94 J	**230 J ♦**						
potassium	--	1,000	1,080	1,720	1,000	4,900	1,100	2,600	1,100	3,800♦	1,200	2,800♦	1,000	4,900 J	1,600	3,100 ♦						
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
sodium	20,000	1,000	**146,000**	**142,000**	**57,000**	**58,000**	**100,000**	**100,000**	**92,000 J**	**93,000 J♦**	**140,000♦**	**150,000♦**	**110,000 J♦**	**130,000 J**	**300,000 J ♦**	**220,000 J**						
thallium	0.5	80	U	**6.85 F**	U	U	U	U	U	6.3 F	U	U	U	U	U	U						
vanadium	--	10	U	4.35 F	U	27	U	12	U	26 J♦	U	12	U	28	U	10 ♦						
zinc	2,000	20	29.2 B	37.1 B	U	59	U	30	12 F	60 B♦	15 F	29♦	15 F♦	83	8.9 F♦	20 ♦						
PCBs (µg/L) [Filtered/Unfiltered]																						
aroclor 1242	0.09	0.5	NA		NA		NA		NA		NA		NA		NA							
aroclor 1248	0.09	0.5	NA		NA		NA		NA		NA		NA		NA							
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA							
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA							
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA							
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA							
COD	--	5	NA		NA		NA		NA		NA		NA		NA							
chloride	250	1	NA		NA		NA		NA		NA		NA		NA							
color	15	5	NA		NA		NA		NA		NA		NA		NA							
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA							
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA							
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA							
TKN	1	1	NA		NA		NA		NA		NA		NA		NA							
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA							
TDS	500	10	NA		NA		NA		NA		NA		NA		NA							
TOC	--	1	NA		NA		NA		NA		NA		NA		NA							
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA							

Landfill 5 AOC
Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-3												
Date of Collection			1/8/1999[8]	2/5/2003	6/16/2003	9/8/2003	12/1/2003	3/29/2004	6/18/2004	9/16/2004	12/29/2004	3/30/2005	6/20/2005	9/6/2005	12/13/2005
Sample ID No.			LF5M0308AB	LF5M0314AA	LF5M0314BA	LF5M0315CA	LF5M0315DA	LF5M0315EA	LF5M0315FA	LF5M0315GA	LF5M0315HA	LF5M0315IA	LF5M0315JA	LF5M0315KA	LF5M0315LA
Depth to Water (ft)			**8.11**	**7.83**	**7.62**	**7.46**	**6.16**	**5.67**	**7.00**	**8.11**	**7.28**	**5.21**	**7.28**	**7.69**	**7.08**
VOCs (µg/L)															
1,2,3-trichlorobenzene	5	1	NA	0.10 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,2,4-trichlorobenzene	5*	1	NA	0.07 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,2,4-trimethylbenzene	5*	1	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,3,5-trimethylbenzene	5*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
4-chlorotoluene	5*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
acetone	50	10	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
carbon disulfide	1,000	0.5	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
chlorobenzene	5*	0.5	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
chloroform	7	0.3	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
naphthalene	10	1	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
o-xylene	5*	1	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
styrene	50*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
toluene	5*	1	U	0.43 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
vinyl acetate	--	5	NA	UJ	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	570 J	**3,154.6**	**10,600**	992	**17,300**	**6,390**	**4,610**	1,580	568	318	256	192 F	195 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	6.3 F	U	U	U	U	U	U	U	U
barium	1,000	50	13.98	58.1	113	45.6 F	170	63.1	63.1	43.9 F	50.6	66.4	42.3 F	51.7	67
berylium	3	4	U	U	0.60 F	0.40 F	0.9 F	0.3 F	U	U	U	U	U	U	U
boron, Total	1,000	10	U	6.2 F	68.5 B	NA	NS	17.6	NA	NA	NA	22.7	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	0.4 F	0.3 F	U	U
calcium	--	1,100	209,400 M	84,004	58,000	83,900	56,800	37,700	64,400	61,600	128,000	118,000	122,000	134,000	183,000
chromium	50	10	1.0 F	4.4 F	14.3	2.3 F	22	8.9 F	7.3 F	5.1 F	1.9 F	1.6 F	0.9 F	U	U
cobalt	--	60	0.7 F	0.5 F	3.7 F	U	7.6 F	2.4 F	2.2 F	U	U	U	U	U	U
copper	200	10	U	21.8	47.8	34.9	59.1	32.7	41.2	28.1	16	11.8	14	13	13.6
iron	300	200	**607.8 J**	**2,929.5**	**8,990**	**958**	**14,900**	**5,180**	**3,980**	**1,390**	**527**	222	232	217	188 F
lead	25	25	3.0 F	2.7 F	4.9 F	U	7.3 F	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	25,945	10,255.1	6,120	6,130	7,650	3,940	5,680	5,140	12,900	11,100	12,600	13,400	17,800
manganese	300	10	**1,766.3**	**389.9**	85.9	188	144	48.7	90.1	32.4	**335**	77.2	151	294	**661**
molybdenum	--	15	U	4.3 F	U	2.2 F	U	U	U	U	U	0.7 F	U	U	U
nickel	100	20	6.0 F	3.7 F	12.6 F	5.1 F	18.9 F	8.7 F	8.0 F	5.8 F	3.6 F	3.5 F	2.3 F	2.5 F	2.6 F
potassium	--	1,000	4,638	21,330	3,090	1,340	4,480	1,770	1,560	975 F	1,440	1,070	1,460	1,490	1,780
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	13,570	4,088.7	2,580	4,190	4,240	3,570	3,980	2,680	1,410	2,210	1,440	1,240	8,370
thallium	0.5	80	U	U	**10 F**	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	4.5 F	18.0	2.8 F	29.4	11.7	8.5 F	3.2 F	1.6 F	1.1 F	U	U	U
zinc	2,000	20	U	13.4 F	29.8	U	50.1	18.6 F	14.5 F	5.8 F	U	7.1 F	U	3.7 F	U
PCBs (µg/L) [Filtered/Unfiltered]															
aroclor 1242	0.09	0.5	NA	U	UJ	U	U	U	U	U	U	U	NA	NA	NA
aroclor 1248	0.09	0.5	NA	U	UJ	U	U	U	U	U	U	U	NA	NA	NA
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	362	186	142	202	89.6	63.6	162	140	326	111	232	247	247
ammonia	2	0.2	U	U	U	U	U	U	0.071	0.13	0.14 B	0.1	U	0.015 F	U
BOD5	--	2.4	2.4 J	U	6.5 B	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	0.28 F	U	0.21 F	U	U	U
COD	--	5	27.5 M	47.74	58.4	67.8	77.8	54.2	64.9	64.5	32.6	22.9	19.8	16.2	32.8
chloride	250	1	84 F	9.9047	1.7	1.2	U	1.5	1.4	1.2	1.4	6.6	4.1	8	18.8
color	15	5	**60**	**90**	**160**	NA	NA	**280**	NA	NA	NA	**50 J**	NA	NA	NA
cyanide	200	0.02	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
hardness, Total	--	1	752 J	247.09	198	368	230	104	204	350	400	344	352	480	221
nitrate	10	1	0.02 M	3.6409	U	U	8.9	6.8	0.83 F	7.2	0.98 F	5.8	0.38 F	0.2 F	2.5
TKN	1	1	U	**1.26**	1	**1.4**	**3**	**4**	**2**	**6**	0.89	**1.2**	0.48	0.86	0.66
sulfate	250	1	175 F	30.2992	15	13.3	35.8	9.6	12	14.5	36.3	236	141	146	**334**
TDS	500	10	**854**	396	355	325	463	200	319	276	440	450	445	**524**	**705**
TOC	--	1	20.8	21.55	21.2	27.6	27.8	19.4	23.4	22.6	11.9	11.3	9.8	10.1	9.6
phenolics, Total	--	0.005	U	0.00595	0.015 B	U	U	U	U	U	U	U	0.0040 F	U	U

Landfill 5 AOC
Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-3																			
Date of Collection			**3/9/2006**	**9/12/2006**		**3/28/2007**		**9/24/2007**		**3/27/2008**		**9/15/2008**		**4/6/2009**		**3/24/2010**						
Sample ID No.			**LF5M0315MA**	**LF5M0315NA**		**LF5M0315OA**		**LF5M0315PA**		**LF5M0315QA**		**LF5M0315RA**		**LF5MO315SA**		**LF5M0315TA**						
Depth to Water (ft)			**7.01**	**7.61**		**3.97**		**7.93**		**5.25**		**7.14**		**5.51**		**5.76**						
VOCs (µg/L)																						
1,2,3-trichlorobenzene	5	1	U	NA		NA		NA		NA		NA		NA		NA						
1,2,4-trichlorobenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
1,2,4-trimethylbenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
1,3,5-trimethylbenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
4-chlorotoluene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
acetone	50	10	U	NA		NA		NA		NA		NA		NA		NA						
carbon disulfide	1,000	0.5	U	NA		NA		NA		NA		NA		NA		NA						
chlorobenzene	5*	0.5	U	NA		NA		NA		NA		NA		NA		NA						
chloroform	7	0.3	U	NA		NA		NA		NA		NA		NA		NA						
naphthalene	10	1	U	NA		NA		NA		NA		NA		NA		NA						
o-xylene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
styrene	50*	1	U	NA		NA		NA		NA		NA		NA		NA						
toluene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
vinyl acetate	--	5	U	NA		NA		NA		NA		NA		NA		NA						
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	498	44.5 F	107 F	190 F	920	44F	210	180 F	320	62 F	250	120 F	420	U	220					
antimony	3	50	U	U	U	U	U	U	U	U	U	1.8 F	U	U	U	U	U					
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
barium	1,000	50	62.3	67.7	68.9	97	100	69	70	100	120	65	70	100	110	82	79					
berylium	3	4	U	U	U	U	U	U	U	0.17 F	0.16 F	U	U	U	U	U	U					
boron, Total	1,000	10	47.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	NA					
cadmium	5	5	1 F	U	U	U	U	U	U	U	U	U	U	NA	NA	U	U					
calcium	--	1,100	188,000	201,000	199,000	200,000	200,000	210,000	200,000	320,000	350,000	190,000	210,000	420,000	440,000	320,000	300,000					
chromium	50	10	2.1 F	3.04 F	4.3 F	6.5 F	7.7 F	3.1F	3.2F	2.6 F	4.0 F	2.1 F	5.4 F	3.9 F	6.7 F	U	U					
cobalt	--	60	1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
copper	200	10	12.2	12.7	12.4	15	17	14	15	15	17	6.4 F	10	22	25	13	13					
iron	300	200	**502**	16.6 F	70.7 F	80 F	**690**	47F	200	71 F	180 F	**330**	**710**	65 F	**370**	160 F	290					
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
magnesium	35,000	1,000	18,100	21,100	20,900	23,000	23,000	21,000	21,000	**36,000**	**39,000**	21,000	22,000	**43,000**	**45,000**	**36,000**	**35,000**					
manganese	300	10	**452**	251	255	56	190	290	320	38	77	**2,200**	**2,300**	38	110	150	130					
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
nickel	100	20	3.4 F	3.33 F	3.54 F	6.8 F	7.1 F	3.6F	4.1F	6.5 F	7.3 F	4.8 F	11 F	60 F	7.2 F	4.5 F	4.1 F					
potassium	--	1,000	1,600	1,910	1,910	1,400	1,600	1,700	1,700	1,500	1,700	1,800	1,900	2,100	2,400	1,700	1,800					
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
sodium	20,000	1,000	3,250	2,850 B	2,840 B	3,300	3,200	2,700	2,600	5,800	6,300	2,100 B	2,600B	7,100	7,300	5,100	4,700					
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
vanadium	--	10	1.3 F	U	U	U	1.8 F	U	U	U	U	U	1.2 F	U	U	U	U					
zinc	2,000	20	5.8	16 F	20.9 B	6.9 F	13 F	U	5.2F	17 F	20 B	16 F	14 F	24	25	8.3 F	12 F					
PCBs (µg/L) [Filtered/Unfiltered]																						
aroclor 1242	0.09	0.5	U	NA		NA		NA		NA		NA		NA		NA						
aroclor 1248	0.09	0.5	U	NA		NA		NA		NA		NA		NA		NA						
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	323	NA		NA		NA		NA		NA		NA		NA						
ammonia	2	0.2	U	NA		NA		NA		NA		NA		NA		NA						
BOD5	--	2.4	U	NA		NA		NA		NA		NA		NA		NA						
bromide	2	0.5	U	NA		NA		NA		NA		NA		NA		NA						
COD	--	5	15.5	NA		NA		NA		NA		NA		NA		NA						
chloride	250	1	4.7	NA		NA		NA		NA		NA		NA		NA						
color	15	5	**25**	NA		NA		NA		NA		NA		NA		NA						
cyanide	200	0.02	0.01 F	NA		NA		NA		NA		NA		NA		NA						
hardness, Total	--	1	560	NA		NA		NA		NA		NA		NA		NA						
nitrate	10	1	2.1	NA		NA		NA		NA		NA		NA		NA						
TKN	1	1	0.79 B	NA		NA		NA		NA		NA		NA		NA						
sulfate	250	1	188	NA		NA		NA		NA		NA		NA		NA						
TDS	500	10	**626**	NA		NA		NA		NA		NA		NA		NA						
TOC	--	1	8.8	NA		NA		NA		NA		NA		NA		NA						
phenolics, Total	--	0.005	U	NA		NA		NA		NA		NA		NA		NA						

Landfill 5 AOC
Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-5												
Date of Collection			2/5/2003	6/16/2003	9/8/2003	12/1/2003	3/29/2004	6/21/2004	9/14/2004	12/10/2004	3/30/2005	6/20/2005	9/6/2005	12/12/2005	3/9/2006
Sample ID No.			LF5M0512AA	LF5M0505BB	LF5M0513CA	LF5M0512DA	LF5M0512EA	LF5M0512FA	LF5M0512GA	LF5M0512HA	LF5M0512IA	LF5M0512JA	LF5M0512KA	LF5M0512LA	LF5M0512MA
Depth to Water (ft)			**5.60**	**4.92**	**5.53**	**4.75**	**4.35**	**5.17**	**5.42**	**5.03**	**5.33**	**5.66**	**6.17**	**5.61**	**5.52**
VOCs (µg/L)															
1,2,3-trichlorobenzene	5	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trichlorobenzene	5*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trimethylbenzene	5*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,3,5-trimethylbenzene	5*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
4-chlorotoluene	5*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
acetone	50	10	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
carbon disulfide	1,000	0.5	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
chlorobenzene	5*	0.5	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
chloroform	7	0.3	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
naphthalene	10	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
o-xylene	5*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
styrene	50*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
toluene	5*	1	0.15 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	UJ	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	**2,162.1**	**2,420**	195 F	1,720	1,470	536	**3,880**	1,660	1,080	1,130	824	1,830	1,710
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	59	50.0	62.3	45.2 F	41.6 F	54	51.5	54.6	39.5 F	46.1 F	50.1	58.4	49.6 F
berylium	3	4	U	0.30 F	U	0.50 F	U	U	U	U	U	U	U	0.3 F	U
boron, Total	1,000	10	U	51.2 B	NA	NS	10.3	NA	NA	NA	13.3	NA	NA	NA	14.6
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	0.3 F
calcium	--	1,100	38,853.6	21,300	97,600	25,700	19,400	53,400	27,800	20,000	18,600	36,500	54,600	35,500	33,300
chromium	50	10	2.9 F	4.1 F	U	3.1 F	2 F	1.2 F	4.1 F	U	1.8 F	1.7 F	U	2.1 F	3.4 F
cobalt	--	60	6.8 F	4.9 F	1.7 F	7 F	7.1 F	5.2 F	9.9 F	1.8 F	4.9 F	6.6 F	2.6 F	5 F	6.9 F
copper	200	10	30.7	38.1	13.8	35	33	27	40.9	34.4	31.8	31.4	35.3	35.2	32.6 F
iron	300	200	**2,389.8**	**2,380**	**519**	**1,940**	**1,900**	**1,410**	**3,500**	**1,800**	**1,110**	**1,440**	**1,290**	**1,730**	**2,400**
lead	25	25	U	U	U	U	U	U	U	U	U	U	2 F	U	2.7 F
magnesium	35,000	1,000	6,631.1	5,450	15,200	6,240	4,470	13,300	6,600	4,340	3,780	6,600	10,300	6,740	7,630
manganese	300	10	**315.1**	146	**534**	267	231	**655**	**490**	202	151	506	**444**	212	277
molybdenum	--	15	1.9 F	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	11.0 F	10.2 F	3.5 F	9.9 F	11.1 F	8.6 F	11.8 F	10.7 F	8.6 F	10.7 F	6.4 F	10.9 F	12 F
potassium	--	1,000	1,322.9	1,620	1,660	1,540	1,200	1,270	2,270	1,340	1,060	1,110	1,900	1,870	980 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,290.3	1,820	2,270	1,750	1,370	1,820	1,250	2,080	2,340	2,030	6,980	3,460	2,560
thallium	0.5	80	U	**5.9 F**	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	4.6 F	U	3.2 F	2 F	0.9 F	6.1 F	2.1 F	1.7 F	1.6 F	1.2 F	3 F	3.5 F
zinc	2,000	20	23	U	U	18.9 F	19.5 F	10.3 F	18.8 F	20.6	18.2 F	12.7	8.6 F	15.6 F	17.2 F
PCBs (µg/L) [Filtered/Unfiltered]															
aroclor 1242	0.09	0.5	U	U	U	U	U	U	U	U	U	NA	NA	NA	U
aroclor 1248	0.09	0.5	U	U	U	U	U	U	U	U	U	NA	NA	NA	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	90	60	274	78	48.6	148	27.5	62.9	52.8	102	161	90.7	93.5
ammonia	2	0.2	U	0.093	0.052 B	U	U	0.024 F	0.059	0.026 F	U	U	0.014 F	U	U
BOD5	--	2.4	U	6.6 B	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	19.53	66.4	33.7	56.1	52.5	49.6	63.8	35.6	21.5	40.6	29	39.6	48.2
chloride	250	1	3.7745	2	1.6	U	1.4	2.1	1.2	2.5	2.3	2.2	2.7	1.5	1.5
color	15	5	**50**	**70**	NA	NA	**70**	NA	NA	NA	**100 J**	NA	NA	NA	**70**
cyanide	200	0.02	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	0.01 F
hardness, Total	--	1	121.58	96.6	495	300	U	192	170	68	84	128	220	200	180
nitrate	10	1	1.7616	U	U	U	0.12 F	U	0.03 F	0.14 F	0.19 F	0.040 F	0.03 F	0.34 F	0.19 F
TKN	1	1	0.64	0.94	0.55	**1.4**	0.59	0.7	0.9	0.84 B	0.42	0.37	0.59	**1.3 B**	0.52 B
sulfate	250	1	14.9267	9.1	18.5	11.9	U	13.8	10.1	13.8	14.8	19.5	35.5	22	21.6
TDS	500	10	85	191	350	161	124	245	163	126	123	195	277	172	170
TOC	--	1	15.72	17.2	13.3	20.2	16.8	15.6	22.3	18.3	16.2	16.1	17	15.3	13.9
phenolics, Total	--	0.005	0.0144	U	U	U	0.0039 F	U	U	U	U	U	U	U	U

Landfill 5 AOC
Groundwater Analytical Results (continued)

Location of Well			**LF5MW-5**																			
Date of Collection	**NYSDEC Class GA Groundwater Standards**	**Reporting Limit**	**9/12/2006**		**3/27/2007**		**9/24/2007**		**3/27/2008**		**9/15/2008**		**4/7/2009**		**3/24/2010**							
Sample ID No.			**LF5M0512NA**		**LF5M0512OA**		**LF5M0512PA**		**LF5M0512QA**		**LF5M0512RA**		**LF5M0512SA**		**LF5M0512TA**							
Depth to Water (ft)			**5.86**		**3.45**		**6.01**		**3.71**		**5.46**		**3.74**		**4.30**							
VOCs (µg/L)																						
1,2,3-trichlorobenzene	5	1	NA		NA		NA		NA		NA		NA		NA							
1,2,4-trichlorobenzene	5*	1	NA		NA		NA		NA		NA		NA		NA							
1,2,4-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA							
1,3,5-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA							
4-chlorotoluene	5*	1	NA		NA		NA		NA		NA		NA		NA							
acetone	50	10	NA		NA		NA		NA		NA		NA		NA							
carbon disulfide	1,000	0.5	NA		NA		NA		NA		NA		NA		NA							
chlorobenzene	5*	0.5	NA		NA		NA		NA		NA		NA		NA							
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA							
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA							
o-xylene	5*	1	NA		NA		NA		NA		NA		NA		NA							
styrene	50*	1	NA		NA		NA		NA		NA		NA		NA							
toluene	5*	1	NA		NA		NA		NA		NA		NA		NA							
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA							
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	293 B	1,140	510	**2,200**	170F	230	450 B	1,600	1,500	**3,700**	410	1,500	540	**4,000**						
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
barium	1,000	50	41.7 F	47.3 F	28 F	43 F	57	58	20 F	31 F	54	80	25 F	34 F	26 F	49 F						
berylium	3	4	U	U	U	U	.12F	U	U	0.11 F	0.20 F	0.27 F	U	U	U	0.29 F						
boron, Total	1,000	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	NA						
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
calcium	--	1,100	39,800	39,000	14,000	14,000	93,000	92,000	13,000	14,000	22,000	22,000	13,000	13,000	12,000	11,000						
chromium	50	10	U	2.15 F	2.0 F	4.1 F	5F	4F	U	U	2.3 F	3.8 F	U	U	U	5.9 F						
cobalt	--	60	U	U	U	7.4 F	7.6F	6.4F	U	U	U	U	U	U	U	13 F						
copper	200	10	27.8	32.2	27	33	7.6F	9.7F	16	20	37	47	15	17	22	29						
iron	300	200	**476**	**1,390**	**310**	**1,900**	**2,300**	**2,400**	**330**	**1,300**	**1,400**	**3,500**	260	**1,200**	**400**	**3,500**						
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
magnesium	35,000	1,000	8,650	8,510	2,600	2,900	26,000	26,000	1,800	2,100	4,800	5,300	2,100	2,200	1,800	2,200						
manganese	300	10	266	272	81	190	2,000	2,000	19	33	110	170	20	37	9.8 F	290						
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
nickel	100	20	9.3 F	10.5 F	7.3 F	12	9.1F	9.7F	4.2 F	5.8 F	11 F	14 F	3.9 F	4.7 F	6.0 F	9.4 F						
potassium	--	1,000	950 F	1,200	680 F	1,100	1,400	1,400	970 F	1,300	1,500	2,100	1,200	1,400	790 F	1,900						
selenium	10	30	2.79 F	U	U	U	U	U	U	U	U	U	U	U	U	U						
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
sodium	20,000	1,000	4,180 B	3,930 B	2,200	2,200	3,300	3,200	2,000	2,100 B	3,600B	4,100 B	2,200	2,100	2,200	2,000						
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
vanadium	--	10	U	2.18 F	0.95 F	3.5 F	1.8F	2F	1.8 F	3.6 F	2.4 F	6.2 F	U	3.7 F	U	8.9 F						
zinc	2,000	20	27 B	24 B	16 F	U	8.5F	11F	21 B	40 B	28	70	28	33	15 F	30						
PCBs (µg/L) [Filtered/Unfiltered]																						
aroclor 1242	0.09	0.5	NA		NA		NA		NA		NA		NA		NA							
aroclor 1248	0.09	0.5	NA		NA		NA		NA		NA		NA		NA							
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA							
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA							
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA							
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA							
COD	--	5	NA		NA		NA		NA		NA		NA		NA							
chloride	250	1	NA		NA		NA		NA		NA		NA		NA							
color	15	5	NA		NA		NA		NA		NA		NA		NA							
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA							
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA							
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA							
TKN	1	1	NA		NA		NA		NA		NA		NA		NA							
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA							
TDS	500	10	NA		NA		NA		NA		NA		NA		NA							
TOC	--	1	NA		NA		NA		NA		NA		NA		NA							
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA							

Landfill 5 AOC
Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-100				LF5MW-100R								
Date of Collection			**2/5/2003**	**6/17/2003**	**9/8/2003**	**12/1/2003**	**3/29/2004**	**6/21/2004**	**9/14/2004**	**12/10/2004**	**3/30/2005**	**6/20/2005**	**9/6/2005**	**12/12/2005**	**3/9/2006**
Sample ID No.			**LF5M10009AA**	**LF5M10009BB**	**NS**	**NS**	**LF5M100R08EA**	**LF5M100R68FA**	**LF5M100R10GA**	**LF5M100R11HA**	**LF5M100R10IA**	**LF5M100R10JA**	**LF5M100R10KA**	**LF5M100R10LA**	**LF5M100R10MA**
Depth to Water (ft)			**9.50**	**9.08**	**NS**	**NS**	**8.47**	**19.48**	**9.79**	**11.16**	**9.73**	**9.85**	**10.26**	**9.78**	**9.79**
VOCs (µg/L)															
1,2,3-trichlorobenzene	5	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trichlorobenzene	5*	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trimethylbenzene	5*	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
1,3,5-trimethylbenzene	5*	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
4-chlorotoluene	5*	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
acetone	50	10	U	U	NS	NS	3.3 F	NA	NA	NA	U	NA	NA	NA	U
carbon disulfide	1,000	0.5	U	U	NS	NS	U	NA	NA	NA	0.42 F	NA	NA	NA	U
chlorobenzene	5*	0.5	0.52	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
chloroform	7	0.3	U	U	NS	NS	2.0 B	NA	NA	NA	U	NA	NA	NA	U
naphthalene	10	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
o-xylene	5*	1	0.08 F	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
styrene	50*	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
toluene	5*	1	0.20 F	0.27 F	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	UJ	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	1,882	**2,020**	NS	NS	**9,790**	**28,200**	**2,020**	**2,260**	**7,520**	**4,970**	**5,910**	**2,140**	**6,360**
antimony	3	50	U	**6.4 F**	NS	NS	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	NS	NS	U	12.1 F	U	U	3.5 F	U	U	U	U
barium	1,000	50	**13,480.7**	266	NS	NS	511	**9,620**	**7,850**	**7,890**	**8,390**	**7,510**	**8,990**	**6,850**	**7,590**
berylium	3	4	U	U	NS	NS	0.7 F	1.7 F	1.4 F	U	1.4 F	0.6 F	0.4 F	0.6 F	0.8 F
boron, Total	1,000	10	U	67.1	NS	NS	24	NA	NA	NA	565	NA	NA	NA	500
cadmium	5	5	U	U	NS	NS	U	0.6 F	U	U	U	U	U	U	0.4 F
calcium	--	1,100	532,223.6	87,600	NS	NS	518,000	482,000	44,900	411,000	455,000	397,000	390,000	386,000	434,000
chromium	50	10	23.6 F	3.1 F	NS	NS	**89.9**	**50.7**	12.2	22	**55.2**	25.9	15	10.8	28.5
cobalt	--	60	U	U	NS	NS	6.4 F	25.1 F	2.9 F	3.1 F	9.4	3.8 F	5.3 F	2 F	4.8 F
copper	200	10	8.0F	U	NS	NS	34.5	88.1	7.7 F	7.2 F	49	14.5	25.2	7 F	17.8
iron	300	200	**4,215.7**	**21,900**	NS	NS	**14,300**	**52,900**	**3,610**	**3,760**	**22,900**	**7,820**	**9,680**	**3,090**	**10,300**
lead	25	25	U	U	NS	NS	5.3 F	16.8 F	U	U	22.4 F	2.2 F	2.5 F	U	3.8 F
magnesium	35,000	1,000	**115,200.5**	23,700	NS	NS	4,160	**122,000**	14,600	19,400	**92,200**	**45,000**	**77,600**	**18,700**	**42,600**
manganese	300	10	**754**	**1,320**	NS	NS	259	**1,620**	133	109	**2,840**	**313**	**307**	110	**325**
molybdenum	--	15	U	U	NS	NS	19.7	5.5 F	5.2 F	5 F	4.4 F	5 F	5 F	4.6 F	4.8 F
nickel	100	20	24.6 F	U	NS	NS	20.4	49.8	6.6 F	13 F	42.2	16.1 F	14.7 F	5.9 F	18.1 F
potassium	--	1,000	68,473	1,770	NS	NS	40,100	59,300 F	5,300	48,700 F	87,400	86,400	101,000	79,500	82,900
selenium	10	30	U	U	NS	NS	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	NS	NS	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**4,607,994**	1,380	NS	NS	**138,000**	**3,460,000**	**286,000**	**2,810,000**	**3,520,000**	**2,950,000**	**3,270,000**	**2,540,000**	**2,850,000**
thallium	0.5	80	U	**7.2 F**	NS	NS	U	U	U	U	U	U	U	U	U
vanadium	--	10	11.1F	5.5 F	NS	NS	17.5	45.8	4.1 F	3.3 F	16.6	7.8 F	9.4 F	3.7 F	11
zinc	2,000	20	48.4 F	U	NS	NS	47.6	141.0	12.5 F	16.5	63	23.4 B	33.3	10.2 F	38.5
PCBs (µg/L) [Filtered/Unfiltered]															
aroclor 1242	0.09	0.5	UJ	U	NS	NS	U	U	U	U	**0.45 F**	NA	NA	NA	U
aroclor 1248	0.09	0.5	UJ	U	NS	NS	U	U	U	U	U	NA	NA	NA	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	76	149	NS	NS	1,080	39.1	10.4	81.1	36.2	76	80.4	96.8	90.8
ammonia	2	0.2	**18.34**	**8.7**	NS	NS	1.9	**18.6**	**18.5**	**14.2**	**20.1**	**15.4**	**17.2**	**13.5**	**15.5**
BOD5	--	2.4	U	15.7	NS	NS	U	U	U	U	3.2	U	U	U	U
bromide	2	0.5	**160.4726**	**46.8**	NS	NS	**4.3**	**252**	**83**	**80.4**	**116**	**134**	**130**	**57.2**	**72**
COD	--	5	119.35	16	NS	NS	16	664	U	U	118	94.5	54.3	112	132
chloride	250	1	**8,821.04**	**2,920**	NS	NS	**375**	**13,500**	**9,110**	**7,820**	**12,900**	**8,370**	**5,840**	**10,200**	**6,560**
color	15	5	10	15	NS	NS	**250**	NA	NA	NA	**2,000 J**	NA	NA	NA	5
cyanide	200	0.02	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	0.0059 F
hardness, Total	--	1	1,882.56	308	NS	NS	1,210	1,800	1,270	1,210	430	1,210	1,510	3,200	1,600
nitrate	10	1	U	U	NS	NS	U	U	U	U	U	U	U	U	U
TKN	1	1	**18.68**	**10.4**	NS	NS	**2.2**	**17.9**	**14.8**	**12.9**	**19.2**	**15**	**16.1**	**9.6**	**15.9**
sulfate	250	1	11.2708	33.9	NS	NS	3.2	U	U	U	U	1.3	U	0.87 F	1.1
TDS	500	10	**13,874**	**5,850**	NS	NS	**1,640**	**11,400**	**11,300**	**10,100**	**10,400**	**8,750**	**8,810**	**7,090**	**8,360**
TOC	--	1	U	U	NS	NS	13.2	U	U	U	1.5	U	U	U	U
phenolics, Total	--	0.005	0.09368	U	NS	NS	U	U	U	U	0.008 F	0.0050 F	U	0.013	0.004 F

Landfill 5 AOC
Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-100R																			
Date of Collection			**9/12/2006**		**3/27/2007*** **		**9/25/2007**		**3/27/2008**		**9/15/2008**		**4/7/2009**		**3/25/2010**							
Sample ID No.			**LF5M100R10NA**		**LF5M100R08OA**		**LF5M100R10PA**		**LF5M100R08QA**		**LF5M100R08RA**		**LF5M100R09SA**		**LF5M100R09TA**							
Depth to Water (ft)			**10.00**		**8.09**		**10.17**		**8.47**		**9.81**		**8.55**		**8.95**							
VOCs (µg/L)																						
1,2,3-trichlorobenzene	5	1	NA		NA		NA		NA		NA		NA		NA							
1,2,4-trichlorobenzene	5*	1	NA		NA		NA		NA		NA		NA		NA							
1,2,4-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA							
1,3,5-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA							
4-chlorotoluene	5*	1	NA		NA		NA		NA		NA		NA		NA							
acetone	50	10	NA		NA		NA		NA		NA		NA		NA							
carbon disulfide	1,000	0.5	NA		NA		NA		NA		NA		NA		NA							
chlorobenzene	5*	0.5	NA		NA		NA		NA		NA		NA		NA							
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA							
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA							
o-xylene	5*	1	NA		NA		NA		NA		NA		NA		NA							
styrene	50*	1	NA		NA		NA		NA		NA		NA		NA							
toluene	5*	1	NA		NA		NA		NA		NA		NA		NA							
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA							
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	**3,620**	U	850	U	160F	U	690	U	240	U	**2,500**	760	840						
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
barium	1,000	50	**5,970**	**6,050**	**6,700**	**5,700**	**8,500J**	**4,000J**	**10,000 J**	**1,700 J**	**3,900**	**4,100**	**4,300**	**4,800**	360	360						
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
boron, Total	1,000	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA						
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
calcium	--	1,100	309,000	311,000	370,000	360,000	330,000	290,000	420,000 J	300,000 J	270,000	290,000	290,000	300,000	210,000	210,000						
chromium	50	10	U	12.6	6.9 F	11	U	6.2F	U	13	U	5.1 F	U	24	U	5.6 F						
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
copper	200	10	U	19.4	U	U	U	U	U	U	U	U	U	9.5 F	U	U						
iron	300	200	U	**7,770**	U	**1,200**	U	240	U	**660**	U	110 F	U	**4,300**	U	170 F						
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
magnesium	35,000	1,000	30,000	**32,900**	**45,000**	**37,000**	**70,000J**	**19,000J**	**85,000 J**	4,100 J	2,300	9,300	26,000	**37,000**	U	250 F						
manganese	300	10	5.68 F	170	U	140	140J	79J	190 J	30 J	U	19	U	**310**	U	4.2 F						
molybdenum	--	15	3.63 F	5.01 F	U	U	U	3.1F	U	3.9 F	3.4 F	3.8 F	U	U	U	U						
nickel	100	20	U	11.9 F	U	3.4 F	U	2.2F	U	6.1 F	U	2.0 F	U	17 F	U	U						
potassium	--	1,000	62,800	61,700	65,000	54,000	62,000J	37,000J	74,000 J	21,000 J	42,000	46,000	39,000	43,000	9,200	9,000						
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
sodium	20,000	1,000	**2,920,000**	**2,890,000**	**3,300,000**	**2,800,000**	**3,800,000J**	**1,800,000J**	**4,400,000 J**	**760,000 J**	**1,900,000**	**2,100,000**	**1,900,000**	**2,100,000 ♦**	**170,000**	**160,000**						
thallium	0.5	80	**16.8 F**	**24.7 F**	U	U	U	U	U	U	U	**6.0 F**	U	U	U	U						
vanadium	--	10	U	6.94 F	U	2.0 F	U	U	U	1.3 F	U	U	U	5.2 F	U	U						
zinc	2,000	20	24.7 B	62.6 B	U	U	26F	43	U	13 F	15 F	15 F	11 F	25	11 F	6.5 F						
PCBs (µg/L) [Filtered/Unfiltered]																						
aroclor 1242	0.09	0.5	UJ		U	U	NA		U	U	U	U	NA		NA							
aroclor 1248	0.09	0.5	**0.255 F**		U	U	NA		U	U	U	U	NA		NA							
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA							
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA							
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA							
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA							
COD	--	5	NA		NA		NA		NA		NA		NA		NA							
chloride	250	1	NA		NA		NA		NA		NA		NA		NA							
color	15	5	NA		NA		NA		NA		NA		NA		NA							
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA							
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA							
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA							
TKN	1	1	NA		NA		NA		NA		NA		NA		NA							
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA							
TDS	500	10	NA		NA		NA		NA		NA		NA		NA							
TOC	--	1	NA		NA		NA		NA		NA		NA		NA							
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA							

Landfill 5 AOC
Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	MW49D07												
Date of Collection			1/9/1999[8]	2/3/2003	6/17/2003	9/8/2003	12/1/2003	3/29/2004	6/21/2004	9/14/2004	12/10/2004	3/31/2005	6/20/2005	9/6/2005	12/12/2005
Sample ID No.			MW49D0706AB	MW49D0709AA	MW49D0705BB	LF5M49D0707CA	MW49D0704DA	MW49D0704EA	M49D0705FA	M49D0705GA	M49D0705HA	M49D0705IA	M49D0705JA	M49D0705KA	M49D0705LA
Depth to Water (ft)			**5.55**	**4.90**	**4.87**	**7.48**	**4.08**	**3.85**	**4.47**	**4.88**	**4.91**	**5.80**	**4.79**	**5.11**	**4.65**
VOCs (µg/L)															
1,2,3-trichlorobenzene	5	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,2,4-trichlorobenzene	5*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,2,4-trimethylbenzene	5*	1	NA	0.06 M	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,3,5-trimethylbenzene	5*	1	NA	0.06 M	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
4-chlorotoluene	5*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
acetone	50	10	5.5 F	U	U	NA	NA	U	NA	NA	NA	1.9 F	NA	NA	NA
carbon disulfide	1,000	0.5	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
chlorobenzene	5*	0.5	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
chloroform	7	0.3	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
naphthalene	10	1	0.06 F	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
o-xylene	5*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
styrene	50*	1	NA	0.05 M	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
toluene	5*	1	U	0.40 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
vinyl acetate	--	5	NA	1.06 M	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	**13,220**	U	368	1,300	**2,100**	1,270	**5,640**	**11,100**	**4,630**	1,080	**2,580**	**5,100**	**13,200**
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	9 F	U	U	U	U	U	U	U	U	3 F	U	U	5 F
barium	1,000	50	192.3	151.8	**6,410**	171	208	192	199	236	198	164	172	186	230
berylium	3	4	0.4 F	U	0.60 F	U	U	U	U	U	U	U	U	U	0.7 F
boron, Total	1,000	10	78 F	U	438	NA	NS	19.9	NA	NA	NA	19.5	NA	NA	NA
cadmium	5	5	2.8 F	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	103,330	91,608.3	266,000	97,700	97,200	95,200	102,000	114,000	101,000	89,500	93,200	95,900	115,000
chromium	50	10	18	2.2 F	17.7	U	2.8 F	U	7.5 F	12.9	6 F	1.5 F	2.7 F	5.8 F	15.4
cobalt	--	60	6.5	U	2.8 F	U	U	U	3.2 F	6.1 F	1.5 F	U	1.2 F	3.4 F	7.5 F
copper	200	10	14	U	15.5	U	4.1 F	U	15.8	20.7	6.1 F	1.8 F	U	10.3	24.9
iron	300	200	**18,178**	**3,634.1**	**646**	**1,420**	**8,310**	**7,330**	**8,620**	**15,000**	**8,110**	**3,190**	**1,840**	**7,760**	**18,700**
lead	25	25	10.0 F	U	U	U	U	U	3.8 F	6.1 F	U	U	U	2.6 F	6.5 F
magnesium	35,000	1,000	31,652	27,269.3	**60,800**	26,300	26,900	25,800	30,000	**35,200**	26,900	21,800	23,600	23,600	30,500
manganese	300	10	**1,147.7**	**318.3**	**407**	264	**833**	**645**	**542**	**747**	**564**	**830**	**305**	**446**	**700**
molybdenum	--	15	U	4.9 F	9.2 F	U	U	U	U	U	U	0.8 F	U	U	U
nickel	100	20	14	U	59.3	U	U	U	5.4 F	13.4 F	4.4 F	1.5 F	1.8 F	7 F	17 F
potassium	--	1,000	31,652	843.5 F	38,200	1,760	1,990	1,530	2,950	4,920	2,500	1,460	1,960	2,480	5,100
selenium	10	30	U	**10.6 F**	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	7,950	1,660.6	**2,440,000**	1,510	1,800	1,230	3,200	2,500	2,420	2,390	2,980	1,930	2,380
thallium	0.5	80	U	U	**6.2 F**	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	28	1.7 F	U	3 F	4.5 F	2.8 F	10	19	7.7 F	2 F	4.3 F	8.2 F	22.2
zinc	2,000	20	45	8.2 F	28	U	13.1 F	7.3 F	20.3	40.1	18.6 F	8.1 F	4.9 F	25.1	37.5
PCBs (µg/L) [Filtered/Unfiltered]															
aroclor 1242	0.09	0.5	NA	U	U	U	U	U	U	U	U	U	NA	NA	NA
aroclor 1248	0.09	0.5	NA	U	U	U	U	U	U	U	U	U	NA	NA	NA
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	296	295	273	296	331	288	264	90.2	181	270	270	280	299
ammonia	2	0.2	U	U	U	U	U	U	0.029 F	0.064	0.046 F	0.062	U	0.052	U
BOD5	--	2.4	2.40 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	U	U	0.19 F
COD	--	5	8.7	19.38	24.2	U	12 B	40	16.4	U	U	37.3	U	13.3	3.1 F
chloride	250	1	6.78 F	3.0623	1.8	1.9	2.3	0.41 F	2.1	5.4	4.8	1.9	2.3	4	7.5
color	15	5	10 J	10	**120**	NA	NA	**80**	NA	NA	NA	**400 J**	NA	NA	NA
cyanide	200	0.02	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
hardness, Total	--	1	12	271.88	960	421	430	352	348	480	360	308	328	390	620
nitrate	10	1	0.19 UJ	U	U	U	U	U	0.027 F	U	0.030 F	U	U	U	U
TKN	1	1	U	U	0.46	0.74	0.29	0.50	U	0.56	0.58 B	0.46 B	0.2	0.62	0.91 B
sulfate	250	1	29.60 F	26.8659	30.4	27.9	29.8	27.6	30.2	35.9	43.3	44.2	39.7	33.1	40.7
TDS	500	10	355	278	353	358	364	333	372	411	372	317	346	370	419
TOC	--	1	5.09	4.53	2.9	3.7	4	2.7	2.7	3.8	5.2	4.8	5.3	4.6	3.5
phenolics, Total	--	0.005	0.00236 UJ	U	U	U	U	U	U	U	0.0097 F	U	0.0070 F	U	U

Landfill 5 AOC
Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	MW49D07																			
Date of Collection			**3/9/2006**	**9/12/2006**		**3/28/2007**		**9/24/2007**		**3/27/2008**		**9/15/2008**		**4/7/2009**		**3/25/2010**						
Sample ID No.			**M49D0705MA**	**M49D0705NA**		**M49D0703OA**		**MW49D0705PA**		**MW49D0705QA**		**MW49D0705RA**		**MW49DO704SA**		**MW49D0704TA**						
Depth to Water (ft)			**4.78**	**4.89**		**3.32**		**5.15**		**3.69**		**4.79**		**3.71**		**4.07**						
VOCs (µg/L)																						
1,2,3-trichlorobenzene	5	1	U	NA		NA		NA		NA		NA		NA		NA						
1,2,4-trichlorobenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
1,2,4-trimethylbenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
1,3,5-trimethylbenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
4-chlorotoluene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
acetone	50	10	U	NA		NA		NA		NA		NA		NA		NA						
carbon disulfide	1,000	0.5	U	NA		NA		NA		NA		NA		NA		NA						
chlorobenzene	5*	0.5	U	NA		NA		NA		NA		NA		NA		NA						
chloroform	7	0.3	U	NA		NA		NA		NA		NA		NA		NA						
naphthalene	10	1	U	NA		NA		NA		NA		NA		NA		NA						
o-xylene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
styrene	50*	1	U	NA		NA		NA		NA		NA		NA		NA						
toluene	5*	1	U	NA		NA		NA		NA		NA		NA		NA						
vinyl acetate	--	5	U	NA		NA		NA		NA		NA		NA		NA						
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	**4,150**	U	**2,180**	U	**3,300**	U	**3,400**	44 F	940	U	900	U	440	U	610					
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
barium	1,000	50	184	155	172	150	170	170	210	190	220	210	240	200	240	190	190					
berylium	3	4	U	U	U	U	U	U	U	0.11 F	U	U	U	U	U	U	U					
boron, Total	1,000	10	24.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
calcium	--	1,100	99,400	90,700	92,100	93,000	99,000	100,000	120,000	110,000	110,000	130,000	150,000	100,000	110,000	96,000	96,000					
chromium	50	10	5.3 F	U	3.85 F	2.9 F	7.2 F	3F	6.7F	2.5 F	3.1 F	2.9 F	4.3 F	U	2.9 F	U	U					
cobalt	--	60	2.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
copper	200	10	5.9 F	U	3.05 F	U	5.3 F	U	4.9F	U	U	U	U	U	U	U	U					
iron	300	200	**4,840**	65.8 F	**2,890**	U	**3,900**	10F	**5,100**	13 F	**3,900**	**420**	**2,000**	8.4 F	**2,100**	27 F	**1,100**					
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
magnesium	35,000	1,000	23,800	20,600	20,900	20,000	22,000	22,000	26,000	25,000	25,000	28,000	32,000	22,000	24,000	22,000	22,000					
manganese	300	10	**379**	242	**316**	180	**550**	**330**	**440**	**310**	**970**	**590**	**870**	290	**590**	260	**390**					
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
nickel	100	20	4.3 F	U	2.78 F	U	3.0 F	U	4.6F	U	U	U	1.4 F	U	U	U	U					
potassium	--	1,000	2,390	924 F	1,740	1,100	2,300	1,200	2,300	1,200	1,400	1,300	1,700	1,200	1,400	1,400	1,600					
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
silver	50	10	U	U	U	U	U	U	U	U	U	0.97 F	U	U	U	U	U					
sodium	20,000	1,000	3,190	3,250 B	3,120 B	3,900	4,200	4,400	5,000	7,500	7,000	7,100	8,000	**20,000**	**25,000**	**22,000**	**22,000**					
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U					
vanadium	--	10	7.1 F	U	4.18 F	U	5.9 F	U	5.8F	U	1.9 F	U	1.8 F	U	U	U	U					
zinc	2,000	20	13.5 F	35.8 B	35.2 B	U	12 F	U	15F	9.5 F	14 F	15 F	14 F	13 F	15 F	42 J	6.4 F					
PCBs (µg/L) [Filtered/Unfiltered]																						
aroclor 1242	0.09	0.5	U	NA		NA		NA		NA		NA		NA		NA						
aroclor 1248	0.09	0.5	U	NA		NA		NA		NA		NA		NA		NA						
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	267	NA		NA		NA		NA		NA		NA		NA						
ammonia	2	0.2	0.023 F	NA		NA		NA		NA		NA		NA		NA						
BOD5	--	2.4	U	NA		NA		NA		NA		NA		NA		NA						
bromide	2	0.5	U	NA		NA		NA		NA		NA		NA		NA						
COD	--	5	22.9	NA		NA		NA		NA		NA		NA		NA						
chloride	250	1	4.7	NA		NA		NA		NA		NA		NA		NA						
color	15	5	**140**	NA		NA		NA		NA		NA		NA		NA						
cyanide	200	0.02	0.0052 F	NA		NA		NA		NA		NA		NA		NA						
hardness, Total	--	1	370	NA		NA		NA		NA		NA		NA		NA						
nitrate	10	1	U	NA		NA		NA		NA		NA		NA		NA						
TKN	1	1	0.58 B	NA		NA		NA		NA		NA		NA		NA						
sulfate	250	1	39.8	NA		NA		NA		NA		NA		NA		NA						
TDS	500	10	334	NA		NA		NA		NA		NA		NA		NA						
TOC	--	1	4.3	NA		NA		NA		NA		NA		NA		NA						
phenolics, Total	--	0.005	U	NA		NA		NA		NA		NA		NA		NA						

Landfill 5 AOC
Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-1												
Date of Collection			2/6/2003	6/16/2003	9/8/2003	12/1/2003	3/26/2004	6/18/2004	9/13/2004	12/13/2004	3/30/2005	6/20/2005	9/6/2005	12/12/2005	3/9/2006
Sample ID No.			LF5SW0101AA	LF5SW0100BA	LF5SW0101CA	LF5SW0101DA	LF5SW0101EA	LF5SW0101FA	LF5SW0101GA	LF5SW0101HA	LF5SW0101IA	LF5SW0101JA	LF5SW0101KA	LF5SW0101LA	LF5SW0101MA
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
VOCs (µg/L)															
1,2,4-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,2-dichlorobenzene	3	1	U	U	NA	NA	U	NA	NA	NA	1.7	NA	NA	NA	U
1,3,5-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,4-dichlorobenzene	3	0.5	U	U	NA	NA	U	NA	NA	NA	0.96	NA	NA	NA	U
acetone	50	10	U	U	NA	NA	U	NA	NA	NA	3.5 F	NA	NA	NA	U
benzene	1	0.1	0.13 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
chlorobenzene	5	0.5	0.45 F	0.52	NA	NA	0.26 F	NA	NA	NA	**6.7**	NA	NA	NA	0.53
chloroform	7	0.3	0.17 F	U	NA	NA	0.29 F	NA	NA	NA	0.29 F	NA	NA	NA	U
naphthalene	10	1	U	U	NA	NA	U	NA	NA	NA	0.21 F	NA	NA	NA	U
trichloroethene	5	1	0.31 F	U	NA	NA	0.26 F	NA	NA	NA	0.27 F	NA	NA	NA	U
toluene	5	1	0.10 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	UJ	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	U	**508**	42.9 F	**111 F**	**202**	U	U	379	**102**	**137 F**	U	**441**	50.2 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	44.5 F	60.2	57.8	37.6 F	34.6 F	49.9 F	48.2 F	32.7 F	41.7 F	46.5 F	49.8 F	48.8 F	48.3 F
berylium	3	4	U	U	0.3 F	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	110	U	67.5 B	NA	NS	17.8	NA	NA	NA	24.2	NA	NA	NA	25.8
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	95,594.8	101,000	112,000	68,800	85,900	111,000	102,000	77,800	120,000	142,000	131,000	117,000	117,000
chromium	50	10	U	2.5 F	U	U	U	1.1 F	U	U	0.8 F	U	U	U	0.9 F
cobalt	5	60	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	3.9 F	U	2.5 F	U	4.2 F	2 F	3.1 F	U	3.3 F	U	2.4 F	U
iron	300	200	78.6 F	**991**	58.4 F	232	298	98.1 F	139 F	**442**	166 F	**472**	237	**622**	241
lead	50	25	U	6.2 F	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	15,486.9	16,500	18,500	9,380	11,800	16,900	15,500	9,510	14,900	18,900	20,100	16,500	17,200
manganese	300	10	62.8	164	71.8	68.3	64.9	65.2	71.4	139	**326**	**758**	**559**	**446**	**432**
molybdenum	--	15	3.9 F	U	U	U	U	2.1 F	U	2.6 F	2 F	6.2 F	U	U	U
nickel	100	20	U	U	U	U	U	U	U	U	U	1.7 F	U	U	U
potassium	--	1,000	1,492.5	2,180	2,050	2,080	1,880	2,210	2,230	1,980 F	2,500	3,370	2,440	2,680	2,280
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	90,342	76,300	94,000	199,000	88,200	98,400	92,400	98,500	110,000	101,000	109,000	102,000	110,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	3.9 F	U	U	U	U	U	3.3 F	2.5 F	1.9 F	U	1.7 F	U
zinc	2,000	20	14.5 F	U	U	27.3	10.7 F	12.1 F	U	12.4 F	10 F	7.4 F	5.1 F	9.4 F	6.6 F
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	232	222	254	166	172	222	241	163	207	262	285	241	230
ammonia	2	0.2	U	U	0.092 B	U	U	U	0.037	0.13	U	0.076 F	0.024 F	0.029 F	0.025 F
BOD5	--	2.4	U	7.1 B	U	U	U	U	U	U	U	U	U	2.5	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	U	6.6	U
COD	--	5	U	U	U	U	U	U	U	U	U	9.3 F	U	U	U
chloride	250	1	160.3862	148	163	**300**	195	192	172	209	**274**	250	218	180	224
color	15	5	U	10	NA	NA	**20**	NA	NA	NA	15 J	NA	NA	NA	5
cyanide	200	0.02	0.00173 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	0.0084 F
hardness, Total	--	1	298.07	451	295	280	276	300	340	288	344	432	470	410	440
nitrate	10	1	1.4562	1	1.2	1.6	1.2	1.4	1.1	0.96 F	1.1	0.5 F	0.35 F	U	1.1
TKN	1	1	0.56	0.43	0.37	0.5	0.16 F	0.34 B	U	0.74	0.32	0.72	0.55	0.63 B	U
sulfate	250	1	42.954	48.8	46.8	29.3	33	43	0.14 F	53.1	62.6	99	67.8	58.6	53.6
TDS	500	10	**559**	**577**	**641**	**712**	**536**	**657**	**598**	**535**	**665**	**813**	**771**	**684**	**677**
TOC	--	1	1.01	1.2	1.1	1.4	1.1	0.85 F	0.75 F	2.3	1.8	3.4	2	0.57 F	0.85 F
phenolics, Total	--	0.005	U	U	U	U	0.0048 F	U	U	U	U	0.011	0.017	U	U

Landfill 5 AOC

Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-1																			
Date of Collection			9/12/2006		3/28/2007		9/24/2007		3/27/2008		9/15/2008		4/7/2009		3/25/2010							
Sample ID No.			LF5SW0101NA		LF5SW0101OA		LF5SW0101PA		LF5SW0101QA		LF5SW0101RA		LF5SW0101SA		LF5SW0101TA							
Depth to Water (ft)			Surface		Surface		Surface		Surface		Surface		Surface		Surface							
VOCs (µg/L)																						
1,2,4-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA							
1,2-dichlorobenzene	3	1	NA		NA		NA		NA		NA		NA		NA							
1,3,5-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA							
1,4-dichlorobenzene	3	0.5	NA		NA		NA		NA		NA		NA		NA							
acetone	50	10	NA		NA		NA		NA		NA		NA		NA							
benzene	1	0.1	NA		NA		NA		NA		NA		NA		NA							
chlorobenzene	5	0.5	NA		NA		NA		NA		NA		NA		NA							
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA							
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA							
trichloroethene	5	1	NA		NA		NA		NA		NA		NA		NA							
toluene	5	1	NA		NA		NA		NA		NA		NA		NA							
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA							
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	100	200	U	51.1 F	U	70 F	U	**110 F**	**200 B**	U	48 F	96 F	U	**170 F**	U	96 F						
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
barium	1,000	50	36.4 F	37 F	37 F	37 F	53	56	37 F	38 F	68	85	38 F	41 F	48 F	50						
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
boron, Total	1,000	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA						
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
calcium	--	1,100	109,000	107,000	96,000	95,000	110,000	110,000	97,000	100,000	110,000	120,000	91,000	90,000	100,000	100,000						
chromium	50	10	U	U	3.2 F	2.0 F	2.1 F	1.5 F	U	U	2.2 F	U	U	U	U	U						
cobalt	5	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
copper	200	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
iron	300	200	25.8	**319**	6.3 F	180 F	24 F	280	13 F	160 F	29 F	**510**	120 F	**500**	93 F	**330**						
lead	50	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
magnesium	35,000	1,000	17,600	17,600	13,000	12,000	17,000	18,000	14,000	14,000	18,000	19,000	13,000	12,000	15,000	16,000						
manganese	300	10	250	249	120	130	**370**	**390**	120	120	**470**	**500**	180	160	150	210						
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
nickel	100	20	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
potassium	--	1,000	1,910	1,970	2,000	2,000	2,000	2,000	2,000	2,000	2,200	2,300	1,900	1,900	2,000	2,200						
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
sodium	--	1,000	97,700	99,200	110,000	110,000	110,000	110,000	99,000	100,000	98,000	110,000	90,000	90,000	98,000	96,000						
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
vanadium	--	10	U	U	U	U	U	U	U	U	U	1.1 F	U	U	U	U						
zinc	2,000	20	25.8 B	22.5 B	6.3 F	7.6 F	2.7 B	5.2 F	16 F	24 B	17 F	17 F	19 F	23	12 F	14 F						
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA							
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA							
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA							
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA							
COD	--	5	NA		NA		NA		NA		NA		NA		NA							
chloride	250	1	NA		NA		NA		NA		NA		NA		NA							
color	15	5	NA		NA		NA		NA		NA		NA		NA							
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA							
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA							
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA							
TKN	1	1	NA		NA		NA		NA		NA		NA		NA							
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA							
TDS	500	10	NA		NA		NA		NA		NA		NA		NA							
TOC	--	1	NA		NA		NA		NA		NA		NA		NA							
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA							

Landfill 5 AOC
Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-2												
Date of Collection			2/6/2003	6/16/2003	9/8/2003	12/1/2003	3/26/2004	6/18/2004	9/13/2004	12/13/2004	3/30/2005	6/20/2005	9/6/2005	12/12/2005	3/9/2006
Sample ID No.			LF5SW0201AA	LF5SW0201BA	LF5SW0201CA	LF5SW0201DA	LF5SW0201EA	LF5SW0201FA	LF5SW0201GA	LF5SW0201HA	LF5SW0201IA	LF5SW0201JA	LF5SW0201KA	LF5SW0201LA	LF5SW0201MA
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
VOCs (µg/L)															
1,2,4-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	0.47 F	NA	NA	NA	U
1,2-dichlorobenzene	3	1	U	U	NA	NA	U	NA	NA	NA	**4.3**	NA	NA	NA	0.82 F
1,3,5-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	0.78 F	NA	NA	NA	U
1,4-dichlorobenzene	3	0.5	U	U	NA	NA	U	NA	NA	NA	2.1	NA	NA	NA	0.41 F
acetone	50	10	U	U	NA	NA	U	NA	NA	NA	12	NA	NA	NA	2.8 F
benzene	1	0.1	**2.79**	0.34 F	NA	NA	**2.2**	NA	NA	NA	**3.5**	NA	NA	NA	0.62
chlorobenzene	5	0.5	2.55	1.3	NA	NA	1.8	NA	NA	NA	**22**	NA	NA	NA	**5.5**
chloroform	7	0.3	0.15 F	U	NA	NA	0.29 F	NA	NA	NA	U	NA	NA	NA	U
naphthalene	10	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
trichloroethene	5	1	0.25 F	U	NA	NA	0.28 F	NA	NA	NA	U	NA	NA	NA	U
toluene	5	1	0.13 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	UJ	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	U	70.4 F	25.5 F	**139 F**	**229**	U	**115 F**	**290**	**786**	**224**	U	**166 F**	37.8 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	44.8 F	51.1	58.3	37.6 F	34.6 F	48.0 F	57.2	43.5 F	50.5	43.7 F	45.4 F	42.5 F	47.7 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	110	U	63.6 B	NA	NS	18.3	NA	NA	NA	74.2	NA	NA	NA	23
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	95,166.7	98,200	113,000	69,900	84,300	104,000	112,000	91,000	203,000	127,000	123,000	110,000	114,000
chromium	50	10	1.0 F	U	U	U	U	U	U	U	1 F	U	U	U	1.1 F
cobalt	5	60	U	U	U	U	U	U	U	U	1.4 F	U	U	U	U
copper	200	10	U	U	U	2.8 F	U	3.4 F	2.8 F	3.2 F	8.3 F	3.7 F	U	1.7 F	U
iron	300	200	128.0 F	109 F	50.3 F	215	**382**	119 F	**382**	**540**	**1,320**	**457**	214	288	205
lead	50	25	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	15,931.8	15,500	19,200	9,510	11,500	16,200	15,900	11,400	12,800	19,200	19,500	15,600	16,900
manganese	300	10	82.3	76.9	82.5	63.6	66.7	67.2	185	244	**495**	**556**	**502**	**340**	**346**
molybdenum	--	15	4.0 F	U	U	U	U	U	3.5 F	3.5 F	19.8	4 F	U	2.9 F	U
nickel	100	20	U	U	U	U	U	U	1.7 F	1.5 F	6.7 F	1.7 F	U	U	U
potassium	--	1,000	1,356.3	2,030	1,990	2,040	1,820	2,070	2,660	2,270	4,540	2,790	2,380	2,650	2,010
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	86,248.3	83,000	94,800	185,000	82,700	90,200	89,400	98,500	34,100	102,000	105,000	102,000	113,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	1.7 F	U	U	1.9 F	1.1 F	2.4 F	3.6 F	23.8	1.5 F	U	U	U
zinc	2,000	20	13.5 F	U	U	19 F	11.6 F	11.0 F	7.3 F	11.5 F	6.6 F	8.4 F	4.4 F	6.7 F	8.7 F
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	240	229	258	170	172	224	246	161	184	253	274	233	233
ammonia	2	0.2	U	U	U	U	U	0.1	0.079	0.068	0.2	0.069	0.013 F	U	0.057
BOD5	--	2.4	U	6.9 B	U	U	U	U	U	U	7.5	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	0.6	U	U	6.6	U
COD	--	5	U	U	U	U	U	U	U	10.8	29.6	17.1	5.6 F	U	U
chloride	250	1	154.286	155	170	234	178	184	177	195	79.1	241	217	180	230
color	15	5	U	5	NA	NA	**20**	NA	NA	NA	**70 J**	NA	NA	NA	5
cyanide	200	0.02	U	U	NA	NA	0.0086 F	NA	NA	NA	U	NA	NA	NA	U
hardness, Total	--	1	298.07	300	400	250	268	296	350	312	594	424	440	460	370
nitrate	10	1	1.1061	1.1	1.1	1.7	1.3	1.3	0.99 F	0.94 F	1.6	0.55 F	0.32 F	U	0.99 F
TKN	1	1	U	0.44	0.43	0.59	0.24	0.40 B	0.21	0.72	**1.3**	0.47	0.51	0.42 B	0.57 B
sulfate	250	1	43.0834	44	46.5	29.6	32.3	42.1	57.6	67.6	**573**	79.1	66.9	61	62
TDS	500	10	**550**	**583**	**633**	**707**	**516**	**631**	**618**	**586**	**874**	**764**	**748**	**706**	**657**
TOC	--	1	1.57	1	1.1	1.5	2.3	0.87 F	2.2	2.9	13.8	2.9	2	0.47 F	1.2
phenolics, Total	--	0.005	U	0.011 B	U	U	U	U	U	U	0.0047 F	0.01	U	U	U

Landfill 5 AOC

Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-2																			
Date of Collection			**9/12/2006**		**3/28/2007**		**9/24/2007**		**3/27/2008**		**9/15/2008**		**4/7/2009**		**3/25/2010**							
Sample ID No.			**LF5SW0201NA**		**LF5SW0201OA**		**LF5SW0201PA**		**LF5SW0201QA**		**LF5SW0201RA**		**LF5SW0201SA**		**LF5SW0201TA**							
Depth to Water (ft)			**Surface**		**Surface**		**Surface**		**Surface**		**Surface**		**Surface**		**Surface**							
VOCs (µg/L)																						
1,2,4-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA							
1,2-dichlorobenzene	3	1	NA		NA		NA		NA		NA		NA		NA							
1,3,5-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA							
1,4-dichlorobenzene	3	0.5	NA		NA		NA		NA		NA		NA		NA							
acetone	50	10	NA		NA		NA		NA		NA		NA		NA							
benzene	1	0.1	NA		NA		NA		NA		NA		NA		NA							
chlorobenzene	5	0.5	NA		NA		NA		NA		NA		NA		NA							
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA							
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA							
trichloroethene	5	1	NA		NA		NA		NA		NA		NA		NA							
toluene	5	1	NA		NA		NA		NA		NA		NA		NA							
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA							
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	100	200	U	96.6 F	U	87 F	U	63 F	46 F	51 F	42 F	72 F	U	68 F	U	U						
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
barium	1,000	50	43.5 F	44.9 F	36 F	37 F	54	56	3.7 F	40 F	63	71	36 F	36 F	49 F	49 F						
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
boron, Total	1,000	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA						
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
calcium	--	1,100	111,000	110,000	96,000	95,000	110,000	110,000	99,000	100,000	110,000	120,000	89,000	88,000	100,000	100,000						
chromium	50	10	U	2.12 F	3.3 F	2.5 F	1.8 F	1.8 F	U	U	2.3 F	3.0 F	U	U	U	U						
cobalt	5	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
copper	200	10	U	U	U	U	U	2.2 F	U	U	U	U	U	U	U	U						
iron	300	200	29.8 F	167 F	8.4 F	190 F	26 F	290	8.7 F	160 F	28 F	**400**	19 F	160 F	67 F	180 F						
lead	50	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
magnesium	35,000	1,000	17,600	17,700	12,000	12,000	19,000	19,000	14,000	15,000	19,000	20,000	12,000	12,000	16,000	16,000						
manganese	300	10	198	201	120	120	280	**300**	130	140	**350**	**410**	100	100	160	160						
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
nickel	100	20	1.58 F	U	U	U	U	U	U	U	U	U	U	U	U	U						
potassium	--	1,000	1,850	1,960	2,100	2,000	2,000	2,100	2,100	2,100	2,200	2,300	1,900	1,900	2,100	2,100						
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
sodium	--	1,000	101,000	102,000	110,000	110,000	100,000	100,000	95,000	99,000	100,000	110,000	92,000	90,000	97,000	97,000						
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
zinc	2,000	20	30.5 B	2.62 B	6.2 F	7.6 F	15 F	7.0 F	13 F	22 B	18 F	15 F	19 F	18 F	15 F	13 F						
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA							
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA							
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA							
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA							
COD	--	5	NA		NA		NA		NA		NA		NA		NA							
chloride	250	1	NA		NA		NA		NA		NA		NA		NA							
color	15	5	NA		NA		NA		NA		NA		NA		NA							
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA							
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA							
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA							
TKN	1	1	NA		NA		NA		NA		NA		NA		NA							
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA							
TDS	500	10	NA		NA		NA		NA		NA		NA		NA							
TOC	--	1	NA		NA		NA		NA		NA		NA		NA							
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA							

Landfill 5 AOC
Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-3												
Date of Collection			2/6/2003	6/16/2003	9/8/2003	12/1/2003	3/26/2004	6/18/2004	9/13/2004	12/13/2004	3/30/2005	6/20/2005	9/6/2005	12/12/2005	3/9/2006
Sample ID No.			LF5SW0301AA	LF5SW0301BA	LF5SW0301CA	LF5SW0301DA	LF5SW0301EA	LF5SW0301FA	LF5SW0301GA	LF5SW0301HA	LF5SW0301IA	LF5SW0301JA	LF5SW0301KA	LF5SW0301LA	LF5SW0301MA
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
VOCs (µg/L)															
1,2,4-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	0.27 F	NA	NA	NA	U
1,2-dichlorobenzene	3	1	U	U	NA	NA	U	NA	NA	NA	2.3	NA	NA	NA	0.44 F
1,3,5-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	0.37 F	NA	NA	NA	U
1,4-dichlorobenzene	3	0.5	U	U	NA	NA	U	NA	NA	NA	1.1	NA	NA	NA	U
acetone	50	10	U	U	NA	NA	U	NA	NA	NA	8.4 F	NA	NA	NA	2.7 F
benzene	1	0.1	**1.43**	0.22 F	NA	NA	**1.1**	NA	NA	NA	**1.6**	NA	NA	NA	0.49 F
chlorobenzene	5	0.5	1.35	0.96	NA	NA	1.1	NA	NA	NA	**11**	NA	NA	NA	3.4
chloroform	7	0.3	0.10 F	U	NA	NA	0.22 F	NA	NA	NA	U	NA	NA	NA	U
naphthalene	10	1	U	U	NA	NA	U	NA	NA	NA	0.2 F	NA	NA	NA	U
trichloroethene	5	1	0.18 F	U	NA	NA	0.21 F	NA	NA	NA	U	NA	NA	NA	U
toluene	5	1	0.22 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	UJ	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	U	**153 F**	52.3 F	**247**	**196 F**	U	**164 F**	**4,280**	**551**	**152 F**	U	**136 F**	63.3 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	48.1 F	59.3	61.8	40.9 F	31.5 F	52.5	64.3	63.9	39.9	42.9 F	45.3 F	40.1 F	49.2 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	110	U	61.1 B	NA	NS	15.7	NA	NA	NA	48.7	NA	NA	NA	26.2
cadmium	5	5	U	U	U	U	U	U	U	0.6 F	0.4 F	U	U	U	U
calcium	--	1,100	91,794.4	95,700	110,000	68,000	66,000	102,000	109,000	92,400	129,000	127,000	123,000	105,000	119,000
chromium	50	10	U	U	U	1.8 F	1.8 F	1.0 F	U	5.6 F	1.2 F	U	U	U	1.3 F
cobalt	5	60	U	U	U	U	U	U	U	2.2 F	0.9 F	U	U	U	U
copper	200	10	U	U	U	4.7 F	5.1 F	4.1 F	2.6 F	12.4	5.5 F	2.9 F	U	1.9 F	U
iron	300	200	171.0 F	295	60 F	**528**	**540**	165 F	**516**	**4,320**	**896**	**352**	179	242	260
lead	50	25	U	U	U	33.3	U	U	U	13.2	2.5 F	U	U	U	U
magnesium	35,000	1,000	16,006.9	16,200	19,100	9,670	9,440	16,500	16,500	10,700	11,700	19,400	19,800	15,700	17,400
manganese	300	10	90.6	87.4	67.8	87.5	56.9	70.5	184	293	**347**	**572**	**487**	271	**408**
molybdenum	--	15	4.5 F	U	U	U	U	2.1 F	U	3 F	10.7 F	4.4 F	U	U	1.7 F
nickel	100	20	U	U	U	U	U	U	U	7.2 F	4.6 F	1.6 F	U	U	U
potassium	--	1,000	1,335.1	1,980	2,170	1,940	1,290	2,080	2,500	3,150 F	2,740	2,690	2,380	2,440	2,240
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	82,992.5	79,000	97,400	182,000	55,800	88,000	85,100	323,000	23,600	101,000	106,000	103,000	132,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	2.3 F	U	2.2	2.2 F	1.4 F	1.8 F	19.8	13.3	1.4 F	U	U	0.9 F
zinc	2,000	20	13.3 F	U	U	20	10.9 F	9.9 F	5.8	41	11.4 F	7.7 F	4.4 F	7.2 F	10.1 F
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	203	219	246	157	142	223	245	161	146	250	270	228	229
ammonia	2	0.2	U	U	U	0.05	U	0.024 F	0.11	0.062	0.18	U	0.022 F	0.023 F	0.028 F
BOD5	--	2.4	U	7.2 B	U	U	1.8 F	U	U	U	4.4	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	0.62	U	U	6.9	U
COD	--	5	9.77	U	U	12 B	35.4	U	22	U	28.6	U	U	U	U
chloride	250	1	142.9855	148	110	**293**	114	184	172	**726**	59.5	243	216	187	**254**
color	15	5	**30**	**20**	NA	NA	**60**	NA	NA	NA	**100 J**	NA	NA	NA	3
cyanide	200	0.02	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	0.0072 F
hardness, Total	--	1	298.07	345	358	400	212	308	335	320	414	396	420	340	430
nitrate	10	1	1.3597	U	1	1.7	1.9	1.3	0.97 F	1.2	2.4	0.53 F	0.28 F	U	1
TKN	1	1	U	0.45	0.49	0.75	0.63	0.51 B	0.14 F	0.16 F	**1.3**	0.36	0.58	0.77 B	0.91 B
sulfate	250	1	41.4313	42.9	45.8	28.9	25.1	43.2	49.7	80.8	**319**	79	65.8	53.2	58.6
TDS	500	10	**532**	**577**	**599**	**666**	388	**615**	**627**	**1,170**	**634**	**711**	**731**	**670**	**660**
TOC	--	1	4.42	1.9	1.3	4	5.6	1.1	2	2.4	17.6	2.9	2	0.62 F	1.1
phenolics, Total	--	0.005	U	U	U	U	0.0093 F	U	U	0.0091 F	U	0.014	0.009 F	U	U

Landfill 5 AOC

Surface Water Analytical Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-3																			
Date of Collection			**9/12/2006**		**3/28/2007**		**9/24/2007**		**3/27/2008**		**9/15/2008**		**4/7/2009**		**3/25/2010**							
Sample ID No.			**LF5SW0301NA**		**LF5SW0301OA**		**LF5SW0301PA**		**LF5SW0301QA**		**LF5SW0301RA**		**LF5SW0301SA**		**LF5SW0301TA**							
Depth to Water (ft)			**Surface**		**Surface**		**Surface**		**Surface**		**Surface**		**Surface**		**Surface**							
VOCs (µg/L)																						
1,2,4-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA							
1,2-dichlorobenzene	3	1	NA		NA		NA		NA		NA		NA		NA							
1,3,5-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA							
1,4-dichlorobenzene	3	0.5	NA		NA		NA		NA		NA		NA		NA							
acetone	50	10	NA		NA		NA		NA		NA		NA		NA							
benzene	1	0.1	NA		NA		NA		NA		NA		NA		NA							
chlorobenzene	5	0.5	NA		NA		NA		NA		NA		NA		NA							
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA							
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA							
trichloroethene	5	1	NA		NA		NA		NA		NA		NA		NA							
toluene	5	1	NA		NA		NA		NA		NA		NA		NA							
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA							
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	100	200	U	62.4 F	U	**170 F**	U	74 F	45 F	**200**	41 F	93 F	U	**120 F**	U	57 F						
antimony	3	50	U	U	U	U	1.7 F	U	U	U	U	U	U	U	U	U						
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
barium	1,000	50	42.2 F	44.1 F	36 F	37 F	54	55	36 F	37 F	64	71	35 F	38 F	51	51						
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
boron, Total	1,000	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA						
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
calcium	--	1,100	108,000	109,000	93,000	90,000	110,000	110,000	95,000	97,000	110,000	120,000	84,000	88,000	100,000	100,000						
chromium	50	10	U	3.18 F	2.9 F	2.3 F	2.3 F	2.5 F	U	U	2.1 F	2.8 F	U	U	U	U						
cobalt	5	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
copper	200	10	U	U	2.3 F	2.5 F	U	U	U	U	U	U	U	U	U	U						
iron	300	200	22.9 F	162 F	31 F	300	23 F	260	19 F	150 F	33 F	**390**	U	240	61 F	200						
lead	50	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
magnesium	35,000	1,000	17,400	17,700	12,000	12,000	19,000	19,000	14,000	14,000	19,000	20,000	12,000	13,000	17,000	17,000						
manganese	300	10	193	198	140	140	270	280	130	140	**390**	**430**	95	110	170	170						
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
nickel	100	20	U	U	U	U	U	U	U	U	U	1.4 F	U	U	U	U						
potassium	--	1,000	1,800	1,950	2,000	2,000	2,000	2,000	1,900	1,900	2,200	2,300	1,800	1,900	2,100	2,200						
selenium	10	30	U	U	U	U	U	U	U	U	2.8 F	U	U	U	U	U						
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U						
sodium	--	1,000	100,000	103,000	100,000	100,000	100,000	100,000	94,000	96,000	98,000	110,000	89,000	91,000	97,000	97,000						
thallium	0.5	80	U	**6.01 F**	U	U	U	U	U	U	U	U	U	U	U	U						
vanadium	--	10	U	U	0.71 F	0.94 F	U	U	U	U	U	U	U	U	U	U						
zinc	2,000	20	49.9 B	29 B	U	9.4 F	26 B	U	16 F	21 B	18 F	65	16 F	19 F	20	87						
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA							
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA							
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA							
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA							
COD	--	5	NA		NA		NA		NA		NA		NA		NA							
chloride	250	1	NA		NA		NA		NA		NA		NA		NA							
color	15	5	NA		NA		NA		NA		NA		NA		NA							
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA							
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA							
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA							
TKN	1	1	NA		NA		NA		NA		NA		NA		NA							
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA							
TDS	500	10	NA		NA		NA		NA		NA		NA		NA							
TOC	--	1	NA		NA		NA		NA		NA		NA		NA							
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA							

Landfill 6 AOC
Groundwater Analytical 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		0.150 F		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		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 J**		**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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	157 F	1,780	40.1 F	594	U	370	U	400	1400	U	U	440	U	200	U	310	U	63 F	U	380	88 F	**6,100**	U	410	64 F	250
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	75	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	3.2 F	10.1 F	3.16 F	4.73 F	2.2 F	5.3 F	2.9 F	4.0 F	8.6 F	3.4 F	2.8 F	4.3 F	3.2 F	3.6 F	2.6 F	3.3 F	3.3 F	3.1 F	3.4 F	4.0 F	3.2 F	27 F	2.4 F	3.5 F	3.7 F	3.5 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.24 F	U	U	U	U
boron	1,000	110	20.7	26.9	NA	NA	NA	NA	NA	NA	13.0	13.0	NA	NA	NA	NA	9.6 F	9.7 F	12.0	11.0	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	42,200	45,900	42,900	42,900	42,000	42,000	49,000	48,000	55,000	51,000	62,000	63,000	59,000	67,000	66,000	68,000	71,000	74,000	70,000	70,000	65,000	74,000	54,000	53,000	52,000	53,000
chromium	50	10	1.6 F	32	2.36 F	11.6	2.9 F	12	4.4 F	9.0 F	11	2.8 F	3.4 F	7.6 F	4.9 F	7.8 F	1.8 F	6.1 F	3.4 F	5.8 F	4.4 F	7.9 F	3.7 F	29	U	3.1 F	7.1 F	5.1 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	3.4 F	U	U	2.1 F	2.5 F	U	U	4.8 F	U	U	U	U	U	U	U	U	U	U	U	U	19	U	U	U	U
iron	300	200	U	**2,190**	U	**822**	23 F	**600**	U	**530**	**2,300**	5.8 F	26 F	**660**	U	290	U	**380**	13 F	120 F	U	**310**	U	**11,000**	U	**610**	U	**330**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	4.9 F	U	U	U	U
magnesium	35,000	1,000	14,900	16,200	15,900	15,800	16,000	15,000	18,000	17,000	20,000	19,000	23,000	23,000	21,000	24,000	24,000	25,000	25,000	26,000	25,000	25,000	23,000	25,000	20,000	19,000	19,000	19,000
manganese	300	10	0.5 F	95	U	37	U	30	U	30	120	U	U	46	U	16	U	19	U	10	U	18	U	**930**	U	28	U	19
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	1.8 F	3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	3.1 F	12.8 F	U	3.26 F	1.6 F	3.6 F	U	3.1 F	3.5 F	U	U	2.3 F	U	2.5 F	U	1.8 F	U	U	U	1.9 F	U	15 F	U	U	U	U
potassium	--	1,000	685 F	1,300	685 F	839 F	670 F	780 F	770 F	820 F	1,200	730 F	910	1,000	850 F	900 F	760 F	880 F	880 F	940 F	930 F	1,000	930 F	3,000	760 F	850 F	930 F	860 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	10,800	11,600	9,750	9,870	7,600	7,300	7,000	6,600	11,000	10,000	15,000	15,000	10,000	12,000	9,100	8,800	14,000	16,000	**23,000**	**23,000**	**30,000**	**29,000**	18,000	18,000	**22,000**	**21,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	14 F	U
vanadium	--	10	U	3.7 F	U	0.86 F	U	1.1 F	U	1.6 F	2.7 F	U	U	1.2 F	U	0.81 F	U	1.1 F	U	U	U	U	U	13	U	U	U	U
zinc	2,000	20	4.2 F	10 F	12.9 F	24.9 B	4.8 F	6.8 F	U	U	10 F	U	13 F	49 B	32 B	28B	11 F	13 F	9.3 F	11 F	20 B	12 F	34 B	100 B	U	U	U	U
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		0.0018 F		0.0015 F		U		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**775VM1095NA**		**775VM1095OA**	**775VM1095PA**																		
Depth to Water (ft)			**60.05**		**60.57**	**61.55**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	0.380 F		0.410 F	0.460 F																		
1,1-dichloroethene	5*	1	U		U	U																		
1,2-dichloroethane	0.6	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		U	2.54 FB																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
trichloroethene (TCE)	5*	1	**43.2**		**41.2**	**43.3**																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**43.58**		**41.61**	**46.3**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	U	290	540	270																		
antimony	3	50	U	UJ	U	U																		
arsenic	25	30	U	UJ	U	U																		
barium	1,000	50	2.6 F	3.0 F	4.6 F	U																		
beryllium	3	4	U	U	U	U																		
boron	1,000	110	U	U	15	NA																		
cadmium	5	5	**7.2 J**	UJ	U	U																		
calcium	--	1,100	53,000	52,000	45,000	49,000																		
chromium	50	10	U	U	5.4 F	U																		
cobalt	--	60	U	U	U	U																		
copper	200	10	U	U	U	U																		
iron	300	200	U	**340**	**590**	**400**																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	18,000	18,000	16,000	17,000																		
manganese	300	10	U	18	25	19																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	U	U	U	2.6 F																		
potassium	--	1,000	820 F	900 F	970 F	820 F																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	**24,000**	**24,000**	**20,000**	**18,000**																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	6.3 F	4.2 F	5.6 F	4.4 F																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	100		130	120																		
ammonia	2	0.2	U		U	U																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	0.035 F		U	U																		
COD	--	5	U		U	U																		
chloride	250	1	100		61	73																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		0.0088 F	U																		
hardness, Total	--	1	210		180	190																		
nitrate	10	1	1.1		1.0 B	1.1																		
TKN	1	0.2	U		0.24 B	0.21 B																		
sulfate	250	1	9.4		9.2 B	9.0																		
TDS	500	10	380		220	270																		
TOC	--	1	0.52 F		U	0.82 F																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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	
acetone	50	10	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	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		UJ		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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	53.9 F	681	U	546	U	560	U	450	390	U	U	210	U	200	U	220	U	U	U	210	68 F	**6,400**	U	**3,000**	41 F	500
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	19 F	21.3 F	13.9 F	15.8 F	11 F	14 F	19 F	21 F	21 F	20 F	17 F	18 F	17 F	18 F	16 F	18 F	14 F	15 F	14 F	16 F	14 F	37 F	15 F	25 F	12 F	13 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	81.1	77.7	NA	NA	NA	NA	NA	NA	61	61	NA	NA	NA	NA	52	53	50	51	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	178,000	183,000	129,000	131,000	120,000	120,000	200,000	190,000	210,000	210,000	180,000	180,000	170,000	180,000	160,000	170,000	130,000	140,000	130,000	130,000	170,000	170,000	140,000	140,000	130,000	140,000
chromium	50	10	1.3 F	27	4.99 F	10.2	4.4 F	6.3 F	6.6 F	6.1 F	9.1 F	6 F	4.9 F	5.4 F	6.3 F	4.6 F	5.7 F	8.1 F	5.1 F	5.1 F	5.3 F	7.1 F	5.3 F	25	4.2 F	20	7.2 F	6.9 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	12.3	U	U	2.4 F	4.0 F	U	2.5 F	U	U	U	2.3 F	U	U	U	5.1 F	U	U	U	U	U	18	U	12	U	3.7 F
iron	300	200	U	**1,030**	U	**934**	8.1 F	**1,100**	U	**770**	**770**	U	19 F	**400**	9.4 F	**340**	U	**340**	U	110 F	U	**350**	U	**11,000**	U	**6,400**	18 F	730
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	4.8 F	U	U	U	U
magnesium	35,000	1,000	**55,300**	**58,100**	**40,600**	**40,800**	**37,000**	**38,000**	**59,000**	**58,000**	**62,000**	**62,000**	**52,000**	**52,000**	**49,000**	**52,000**	**48,000**	**50,000**	**39,000**	**40,000**	**38,000**	**39,000**	**49,000**	**53,000**	**43,000**	**44,000**	**40,000**	**41,000**
manganese	300	10	2.4 F	99.8	9.05 F	80	U	88	1.9 F	84	74	4.7 F	U	42	2.0 F	32	U	28	U	28	U	37	U	**1,600**	U	**930**	U	55
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	1.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	2.7 F	2.36 F	3.81 F	1.6 F	2.6 F	U	2.4 F	U	U	1.4 F	1.9 F	U	1.4 F	1.5 F	2.8 F	U	U	1.4 F	1.9 F	U	14 F	3.4 F	17 F	U	2.2 F
potassium	--	1,000	2,290	2,580	2,000	2,200	1,900	2,100	2,500	2,600	2,800	2,700	2,900	2,900	2,700	2,900	2,600	2,800	2,400	2,500	2,400	2,500	2,700	4,900	2,600	3,400	2,500	2,700
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.7 F	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**191,000**	**195,000**	**189,000**	**192,000**	**170,000**	**170,000**	**210,000**	**200,000**	**270,000**	**270,000**	**340,000**	**340,000**	**340,000**	**350,000**	**330,000**	**330,000**	**330,000**	**330,000**	**320,000**	**330,000**	**330,000**	**340,000**	**360,000**	**360,000**	**330,000**	**340,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	1.8 F	U	U	U	1.4 F	0.90 F	1.3 F	U	U	U	0.92 F	U	0.90 F	U	0.74 F	U	0.80 F	U	U	U	13	U	6.8 F	U	U
zinc	2,000	20	6.6 F	8.9 F	30.2 B	35.4 B	6.8 F	9.1 F	U	6.9 F	U	U	37 B	33 B	28 B	18 F	1.1 F	16 F	11 F	12 F	12 F	12 F	53 B	52 B	U	20	U	7.4 F
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 J**	
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		0.0022 F		U		0.0014 F		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**775VM18R90NA**		**775VM18R90OA**	**775VM18R90PA**																		
Depth to Water (ft)			**52.29**		**53.04**	**53.74**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	3.96		4.00	4.03																		
1,1-dichloroethene	5*	1	U		U	0.170 F																		
1,2-dichloroethane	0.6	1	0.500		0.460 F	0.430 F																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		U	1.71 FB																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	0.270 F		0.360 F	0.530																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
trichloroethene (TCE)	5*	1	U		U	U																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**4.73**		**4.82**	**6.87**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	190 F	260	460	90 F																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	U																		
barium	1,000	50	10 F	11 F	15 F	8.7 F																		
beryllium	3	4	U	U	U	U																		
boron	1,000	110	U	U	50	NA																		
cadmium	5	5	U	U	U	U																		
calcium	--	1,100	110,000	110,000	130,000	120,000																		
chromium	50	10	U	U	5.4 F	U																		
cobalt	--	60	U	U	U	U																		
copper	200	10	U	U	U	U																		
iron	300	200	290	**420**	**680**	230																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	33,000	33,000	**42,000**	**36,000**																		
manganese	300	10	28	39	52	13																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	U	2.2 F	4.9 F	4.8 F																		
potassium	--	1,000	2,100	2,200	3,000	2,400																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	**270,000**	**270,000**	**300,000**	**240,000**																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	4.5 F	6.2 F	8.4 F	8.2 F																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	150		160	160																		
ammonia	2	0.2	0.35		U	U																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	0.12 F		U	U																		
COD	--	5	6.7 F		5.6 FB	U																		
chloride	250	1	**560**		**640**	510																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		0.0080 F	U																		
hardness, Total	--	1	410		500	440																		
nitrate	10	1	3.9		3.7	4.5																		
TKN	1	0.2	0.4		0.22 B	0.20 B																		
sulfate	250	1	29		35	35																		
TDS	500	10	**1,400**		**1,500**	**1,200**																		
TOC	--	1	0.61 F		0.65 FB	0.88 F																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	73 F	811	U	189 F	U	380	U	470	U	410	U	130	U	240	U	1,000	U	120 F	41 F	300	62 F	260 B	U	110 F	61 F	110 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	40.2 F	44.1 F	37.9 F	39.2 F	45 F	47 F	41 F	43 F	38 F	41 F	41 F	41 F	41 F	44 F	47 F	56	46 F	47 F	47 F	48 F	46 F	47 F	56	55	51	52
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	40	39.4	NA	NA	NA	NA	NA	NA	43	44	NA	NA	NA	NA	44.0	49	49	47	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	50,200	53,300	47,500	48,500	48,000	49,000	48,000	49,000	50,000	53,000	58,000	58,000	55,000	58,000	55,000	60,000	64,000	63,000	66,000	67,000	61,000	61,000	54,000	55,000	60,000	62,000
chromium	50	10	U	1.5 F	2.28 F	3.79 F	4.4 F	4.2 F	4.2 F	3.7 F	3.2 F	5.3 F	3.9 F	3.6 F	5.0 F	2.9 F	4.4 F	U	3.2 F	3.3 F	4.9 F	6.1 F	4.3 F	5.5 F	3.0 F	U	7.6 F	5.9 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	2.1 F	U	U	2.4 F	2.9 F	U	3.2 F	U	U	U	U	U	U	U	3.7 F	U	U	U	U	U	U	U	U	U	U
iron	300	200	27.4 F	**891**	41.3 F	189 F	57 F	**550**	32 F	**590**	35 F	**580**	33 F	180 F	25 F	260	32 F	**1,500**	48 F	220	34 F	**310**	35 F	260	17 F	200	36 F	130 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	24,000	26,200	23,700	23,700	24,000	25,000	24,000	24,000	25,000	26,000	28,000	27,000	27,000	29,000	28,000	30,000	31,000	30,000	31,000	31,000	30,000	30,000	28,000	28,000	29,000	30,000
manganese	300	10	**477**	**532**	**467**	**456**	**470**	**470**	**450**	**450**	**470**	**510**	**500**	**480**	**490**	**540**	**460**	**570**	**590**	**590**	**560**	**590**	**530**	**520**	**470**	**460**	**490**	**520**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	2.3 F	2.5 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	2.6 F	2.7 F	U	1.4 F	U	U	U	U	U	U	U	2.7 F	U	1.3 F	1.9 F	3.6 F	2.1 F	2.5 F	U	U	U	U
potassium	--	1,000	1,530	1,900	1,450	1,530	1,500	1,600	1,500	1,700	1,500	1,700	1,700	1,700	1,600	1,700	1,500	2,000	1,600	1,600	1,700	1,700	1,600	1,600	1,500	1,500	1,600	1,700
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**34,300**	**35,900**	**34,600**	**35,000**	**37,000**	**37,000**	**38,000**	**38,000**	**38,000**	**40,000**	**37,000**	**36,000**	**34,000**	**35,000**	**34,000**	**36,000**	**39,000**	**38,000**	**38,000**	**38,000**	**37,000**	**36,000**	**34,000**	**34,000**	**39,000**	**40,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	1.6 F	U	U	U	1.5 F	0.78 F	1.6 F	U	U	U	U	U	U	U	1.9 F	U	U	U	0.72 F	U	U	U	U	U	U
zinc	2,000	20	9.4 F	9.8 F	15.8 F	15.5 F	6.1 F	6.3 F	6.4 F	6.9 F	17 F	U	36 B	29 B	58 B	29 B	12 F	22 B	13 F	17 F	13 F	15 F	56 B	55 B	U	4.5 F	U	U
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		0.0020 F		U		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																	
Sample ID No.			**775VM20R110NA**		**775VM20R110OA**		**775VM20R110PA**																	
Depth to Water (ft)			**64.97**		**65.51**		**66.65**																	
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U		U																	
1,1-dichloroethene	5*	1	U		U		U																	
1,2-dichloroethane	0.6	1	U		U		U																	
1,4-dichlorobenzene	3	0.5	U		U		U																	
acetone	50	10	U		U		1.61 FB																	
benzene	1	0.1	U		U		U																	
carbon disulfide	1,000	0.5	U		U		U																	
chloroform	7	0.3	U		U		U																	
chloromethane	5*	1	U		U		U																	
cis-1,2-dichloroethene	5*	1	U		U		U																	
dichlorodifluoromethane	5*	1	U		U		U																	
hexachlorobutadiene	0.5*	0.6	U		U		U																	
methylene chloride	5*	1	U		U		U																	
trichloroethene (TCE)	5*	1	U		U		U																	
toluene	5*	1	U		U		U																	
trans-1,2-dichloroethene	5*	1	U		U		U																	
trichlorofluoromethane	5*	1	U		U		U																	
vinyl chloride	2	1	U		U		U																	
xylenes, Total	--	1.5	U		U		U																	
Total VOCs (µg/L)			**0**		**0**		**1.61**																	
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	U	U	49 F		U																	
antimony	3	50	U	U	U		U																	
arsenic	25	30	U	U	U		U																	
barium	1,000	50	50	49 F	82		69																	
beryllium	3	4	U	U	U		U																	
boron	1,000	110	U	U	46		NA																	
cadmium	5	5	U	U	U		U																	
calcium	--	1,100	63,000	64,000	62,000		62,000																	
chromium	50	10	U	U	U		U																	
cobalt	--	60	U	U	U		U																	
copper	200	10	U	U	U		U																	
iron	300	200	26 F	54 F	110 F		74 F																	
lead	25	25	U	U	U		U																	
magnesium	35,000	1,000	30,000	30,000	31,000		30,000																	
manganese	300	10	**500**	**490**	**500**		**420**																	
mercury	0.7	1	U	U	U		U																	
molybdenum	--	15	U	U	U		U																	
nickel	100	20	U	U	U		U																	
potassium	--	1,000	1,600	1,600	1,700		1,600																	
selenium	10	30	U	U	U		U																	
silver	50	10	U	U	U		U																	
sodium	20,000	1,000	**41,000**	**41,000**	**40,000**		**47,000**																	
thallium	0.5	80	U	U	U		U																	
vanadium	--	10	U	U	U		U																	
zinc	2,000	20	U	U	6.9 F		5.4 F																	
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	180		170		170																	
ammonia	2	0.2	0.22 F		0.35 F		U																	
BOD5	--	2.4	U		U		U																	
bromide	2	0.5	0.037 F		U		U																	
COD	--	5	U		U		U																	
chloride	250	1	110		120		130																	
color	15	5	NA		U		NA																	
cyanide, Total	200	0.02	NA		0.0080 F		U																	
hardness, Total	--	1	300		280		280																	
nitrate	10	1	0.017 F		0.055 F		U																	
TKN	1	0.2	0.13 F		0.30 B		0.18 FB																	
sulfate	250	1	35		34		37																	
TDS	500	10	410		410		**530**																	
TOC	--	1	0.39 F		U		0.71 F																	
phenolics, Total	--	0.005	U		U		U																	

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	55.5 F	94.6 F	U	80.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	72 F	U	U	4.4 F♦	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.1 F	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	1 F	54.3	94.2	95.8	64	66	69	70	36 F♦	37 F	56♦	56♦	31 F	33 F	15 F	15 F	18 F♦	18 F♦	44 F♦	46 F	14 F	14 F	17 F♦	17 F	21 F♦	20 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	20.7 J	15.7 J	NA	NA	NA	NA	NA	NA	14♦	16♦	U	U	NA	NA	12	11	15 J♦	14♦	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	2.4 F	U	0.73 F	U	U	U	U	U	U	U	U	U	U	U	U	0.58 F	U	U	U	U	U	U	U	U	U
calcium	--	1,100	65,500	149,000	216,000	217,000	150,000	150,000	150,000	150,000	73,000♦	76,000	110,000	110,000	61,000	64,000♦	32,000	31,000	42,000	44,000♦	99,000♦	100,000	32,000	32,000	47,300	40,000	54,000♦	53,000♦
chromium	50	10	2.3 F	11.1	4.31 F	33.2	7.5 F	7.7 F	9.5 F	12	6.7 F♦	11	4.5 F	5.4 F♦	4.7 F	3.8 F♦	U	U	2.6 F♦	1.9 F	3.4 F	3.8 F♦	U	7.7F♦	U	3.8 F	4.0 F♦	5.0 F♦
cobalt	--	60	1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	6.1 F	U	U	3.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	18.5 F	104 F	U	117 F	20 F	28 F	11 F	17 F	9.8 F	26 F	8.7 F	22 F	23 F	10 F♦	5.2 F	11 F♦	40 F	12 F	9.4 F♦	14 F	U	25 F♦	U	29 F	U	18 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	**37,500 J**	23,100 J	**41,200**	**40,300**	**37,000**	**37,000**	35,000	**36,000**	19,000	21,000	25,000	26,000♦	12,000	12,000	5,500	5,100	8,200♦	8,400♦	16,000	17,000	5,400	5,300	6500♦	6,200	7,100♦	7,000♦
manganese	300	10	6.7 F	6.2 F	U	4 F	U	U	U	U	U	1.6 F	U	U	U	U	U	U	U7	U	2.1 F♦	U	U	U	3.4♦	3.0 F	U	U
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	4 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	**125 J**	4.2 F	U	2.13 F	2.0 F	1.9 F	U	2.1 F	U	U	U	1.2 F♦	U	U	U	U	U	U	U	1.2 F	U	U	U	U	U	U
potassium	--	1,000	1,490	2,830	3,650	3,710	3,000	2,900	3,000	3,100	2,000	2,200	2,700	2,800♦	2,000	2,100♦	1,400	1,500	1400 J♦	1,100♦	2,100	2,200	1,200	1,200	1400♦	1,400	1,400♦	1,300
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	1.1 F	U	U	U	U	U	1.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**93,800**	**378,000**	**563,000**	**573,000**	**570,000**	**570,000**	**720,000**	**730,000**	**560,000♦**	**570,000**	**800,000♦**	**800,000♦**	**550,000♦**	**600,000♦**	**360,000**	**350,000**	**420,000♦**	**410,000♦**	**620,000♦**	**630,000**	**340,000**	**340,000**	**260,000**	**250,000**	**370,000♦**	**370,000♦**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	0.95 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	U	18.9 F	17.1 F	30.6 B	8.4 F	4.6 F	U	U	U	U	47 B	60 B	60 B	74 B♦	11 F	11 F	13 F	13 F	14 F♦	17 F♦	69 B	81 B	U	U	5.2 F	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	251		250 J		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		UJ		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 J		20 J		28 J		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	
hardness, Total	--	1	444		740		520		530		260		360		240		100		190 J		370♦		130 J♦		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 J♦**		**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	
phenolics, Total	--	0.005	U		U		U		U		U		0.0025 F♦		0.0015 F♦		0.00098 F♦		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**LF6M0168NA**		**LF6M0168OA**	**LF6M0168PA**																		
Depth to Water (ft)			**63.02**		**63.52**	**64.47**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U	U																		
1,1-dichloroethene	5*	1	U		U	U																		
1,2-dichloroethane	0.6	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		U	1.66 FB																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
trichloroethene (TCE)	5*	1	U		U	U																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**0**		**0**	**1.66**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	260 J	120 F♦	U	U																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	U																		
barium	1,000	50	20 F	20 F♦	27 F♦	24 F																		
beryllium	3	4	U	U	U	U																		
boron	1,000	110	U	U	18 B♦	NA																		
cadmium	5	5	U	1.1 F♦	U	U																		
calcium	--	1,100	46,000	47,000♦	59,000 ♦	56,000																		
chromium	50	10	U	U	U	U																		
cobalt	--	60	U	U	U	U																		
copper	200	10	U	U	13 ♦	U																		
iron	300	200	U	11 F♦	18 F	15 F																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	5,500	5,700♦	6,400	5,600																		
manganese	300	10	U	U	U	U																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	U	U	U	U																		
potassium	--	1,000	1,300	1,300♦	1,900 ♦	1,800																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	**290,000**	**300,000♦**	**330,000 ♦**	**310,000**																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	U	U	16 FB♦	8.1 F♦																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	280		320	310																		
ammonia	2	0.2	0.019 F♦		U	U																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	0.14 F		U	U																		
COD	--	5	6.7 F		5.2 FB♦	8.1 FB♦																		
chloride	250	1	**290 M♦**		**320**	**310**																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		0.013 F	0.0063 F																		
hardness, Total	--	1	160		170	160																		
nitrate	10	1	1.0 ♦		0.86 FB ♦	0.98 F♦																		
TKN	1	0.2	U		0.19 FB♦	0.29 BJ♦																		
sulfate	250	1	61 M♦		42	65♦																		
TDS	500	10	**870♦**		**840**	**850**																		
TOC	--	1	1.3♦		1.4 B	2.0																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	57.7 F	**3,500**	U	1,060	U	**2,400**	U	**2,500**	U	1,300	U	1,100	U	**2,200**	U	1,600	U	990	U	1,200	U	**3,100**	U	1,500	U	1,600 ♦
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	3.3 F	18.1 F	2.59 F	8.13 F	2.4 F	13 F	1.4 F	1.4 F	2.2 F	8.2 F	1.7 F	6.3 F	2.4 F	13 F	2.0 F	9.3 F	1.6 F	7.2 F	1.9 F	7.8 F	2.4 F	16 F	U	8.4 F	U	9.6 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	0.11 F	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	13.9	13.1	NA	NA	NA	NA	NA	NA	7.8 F	8.5 F	NA	NA	NA	NA	7.9 F	12	8.5 F	6.6 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	25,700	26,300	26,800	27,900	26,000	27,000	25,000	29,000	26,000	27,000	26,000	28,000	25,000	27,000	26,000	27,000	28,000	28,000	26,000	28,000	26,000	29,000	26,000	27,000	27,000	27,000
chromium	50	10	1.6 F	4.9 F	U	U	U	3.9 F	U	4.3 F	2.3 F	3.3 F	U	1.6 F	2.0 F	5.4 F	U	3.5 F	U	U	2.3 F	4.2 F	2.9 F	6.0 F	U	3.4 F	U	3.1 F
cobalt	--	60	U	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	8.8 F	U	3.31 F	2.4 F	9.8 F	U	7.6 F	U	4.0 F	U	2.0 F	U	4.0 F	U	5.4 F	U	2.9 F	U	3.2 F	U	7.8 F	U	8.5 F	U	4.8 F
iron	300	200	21.9 F	**4,510**	U	**1,540**	5.5 F	**3,300**	110 F	**3,500**	9.7 F	**1,900**	U	**1,300**	U	**2,200**	U	**2,200**	U	**1,200**	U	**1,300**	U	**3,800**	U	**2,100**	U	**2,000**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	0	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	6,850	7,650	6,970	7,480	7,200	7,900	6,600	8,100	6,900	7,500	6,900	7,400	6,900	7,400	6,900	7,700	7,500	7,600	7,100	7,700	7,300	8,600	6,900	7,800	7,400	7,800
manganese	300	10	2.3 F	194	U	74.2	U	140	U	160	U	96	U	6.4 F	U	100	U	97	U	76	U	73	U	180	U	100	U	100
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	3.9 F	U	1.92 F	U	3.0 F	U	2.4 F	U	1.8 F	U	1.5 F	U	2.1 F	U	2.3 F	U	U	U	2.0 F	U	3.5 F	U	U	U	U
potassium	--	1,000	942 F	1,850	637 F	972 F	620 F	1,400	500 F	1,600	670 F	1,100	660 F	1,000	730 F	1,500	630 F	1,200	630 F	920 F	630 F	1,100	670 F	1,700	590 F	1,100	620 F	1,200
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	1.11 F	0.93 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	3,390 J	2,010 J	2,210	2,240	2,400	2,400	2,300	2,500	2,300	2,400	2,300	2,400	2,200	2,300	2,200	2,300	2,100 B	2,100 B	2,000 B	2,100	2,000	2,200	2,000	2,100	2,100	2,100
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	5.9 F	0.89 F	2.59 F	U	4.7 F	0.91 F	4.8 F	U	2.4 F	U	1.7 F	U	3.6 F	U	2.9 F	U	1.9 F	U	2.1 F	U	5.6 F	U	2.6 F	U	3.2 F
zinc	2,000	20	5.4 F	14.9 F	33.4 B	33.4 B	13 F	24	U	16 F	U	7.7 F	8.3 F	13 F	38 B	51 B	10 F	20 B	1.1 F	16 F	10 F	19 F	78 B	81 B	U	1.6 F	U	12 F
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**LF6VM10R230NA**		**LF6VM10R230OA**	**LF6VM10R230PA**																		
Depth to Water (ft)			**13.29**		**12.78**	**14.11**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U	U																		
1,1-dichloroethene	5*	1	U		U	U																		
1,2-dichloroethane	0.6	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		U	1.51 FB																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
trichloroethene (TCE)	5*	1	U		U	U																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**0**		**0**	**1.51**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	220	740	690	1,700																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	U																		
barium	1,000	50	2.9 F	5.4 F	4.7 F	9.4 F																		
beryllium	3	4	U	U	U	U																		
boron	1,000	110	U	U	8.1 F	NA																		
cadmium	5	5	U	U	U	U																		
calcium	--	1,100	28,000	29,000	28,000	34,000																		
chromium	50	10	U	U	U	U																		
cobalt	--	60	U	U	U	U																		
copper	200	10	U	U	U	U																		
iron	300	200	230	**940**	**820**	**2,500**																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	7,500	7,900	7,500	9,400																		
manganese	300	10	19	61	40	120																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	U	U	U	2.5 F																		
potassium	--	1,000	730 F	930 F	810 F	1,400																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	2,200	2,200	2,300 B	2,400																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	2.7 F																		
zinc	2,000	20	4.1 F	11 F	8.4 F	12 F																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	80		82	80																		
ammonia	2	0.2	U		U	U																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	0.044 F		0.067 F	U																		
COD	--	5	U		U	U																		
chloride	250	1	4.6		3.5	7.4																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		NA	U																		
hardness, Total	--	1	110		100	120																		
nitrate	10	1	0.68		0.6	0.64 F																		
TKN	1	0.2	U		0.20 B	0.16 FB																		
sulfate	250	1	14		14	19																		
TDS	500	10	130		110	110																		
TOC	--	1	0.48 F		U	1.1																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	58.2 F	80.8 F	U	55.1 F	U	U	45 F	U	U	U	U	U	U	U	U	U	U	U	67 F	120 F	U	U	U	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	2.3 F	1.6 F	U	U	2.0 F	1.7 F	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	3.9 F	3.6 F	2.59 F	3.13 F	2.1 F	3.7 F	2.7 F	2.1 F	2.8 F	2.9 F	1.8 F	2.0 F	3.1 F	2.8 F	3.2 F	3.0 F	2.1 F	2.1 F	10 F	9.9 F	18 F	18 F	17 F	18 F	17 F	17 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	126	115	NA	NA	NA	NA	NA	NA	100	110	NA	NA	NA	NA	110	100	100	100	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	0.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	134,000	126,000	127,000	130,000	130,000	130,000	120,000	120,000	120,000	120,000	110,000	120,000	130,000	120,000	130,000	130,000	130,000	130,000	25,000	24,000	81,000	83,000	110,000	110,000	120,000	120,000
chromium	50	10	U	1.1 F	2.43 F	3.43 F	3.0 F	3.4 F	6.1 F	2.4 F	3.6 F	4.0 F	3.5 F	3.4 F	6.1 F	5.6 F	5.2 F	6.0 F	3.1 F	2.6 F	U	1.5 F	5.6 F	6.1 F	4.0 F	5.2 F	3.4 F	3.7 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	2.4 F	18	U	7.23 F	U	4.2 F	U	5.4 F	U	U	U	U	U	U	U	U	U	U	3.5 F	13	U	8.7 F	U	U	U	U
iron	300	200	19 F	228	38.8 F	139	37 F	51 F	16 F	46 F	10 F	1.5 F	39 F	39 F	21 F	53 F	13 F	20 F	17 F	27 F	71 F	130 F	**360**	**400**	**450**	**450**	**480**	**480**
lead	25	25	7.5 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	30,000	28,500	28,600	29,000	27,000	27,000	25,000	25,000	25,000	25,000	25,000	25,000	28,000	26,000	29,000	29,000	29,000	29,000	7,200	6,900	28,000	27,000	30,000	30,000	29,000	29,000
manganese	300	10	**4,450**	**4,890**	**4,640**	**4,840**	**4,400**	**4,400**	**4,400**	**4,400**	**4,600**	**4,600**	**4,800**	**4,900**	**5,200**	**5,000**	**5,000**	**5,000**	**5,000**	**4,900**	**2,700**	**2,700**	**4,200**	**4,200**	**4,600**	**4,400**	**4,500**	**4,500**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	1.4 F	U	U	U	U	U	U	U	U	1.3 F	3.0 F	3.5 F	4.9 F	4.8 F	U	U	U	U	56	53	U	5.1 F	U	U	U	U
nickel	100	20	3.7 F	2.5 F	U	U	U	1.3 F	U	U	U	1.3 F	2.9 F	U	1.2 F	1.3 F	1.2 F	1.2 F	U	U	U	U	U	U	U	U	U	U
potassium	--	1,000	6,990	6,720	5,110	5,440	4,900	5,600	5,300	5,200	4,600	4,700	4,200	4,400	4,700	4,600	4,700	4,700	4,400	4,400	2,200	2,100	4,200	4,300	4,600	4,700	4,600	4,500
selenium	10	30	U	U	U	U	4.2 F	5.9 F	U	U	U	U	U	U	U	3.0 F	U	U	U	U	3.6 F	3.6 F	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	18,000	15,300	16,200	16,600	17,000	17,000	18,000	18,000	18,000	18,000	18,000	18,000	**21,000**	20,000	**24,000**	**24,000**	**29,000**	**29,000**	**73,000**	**70,000**	**33,000**	**33,000**	**26,000**	**26,000**	**26,000**	**26,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	11.5	8.5 F	20.2 B	24.5 B	5.4 F	7.0 F	8.5 F	11 F	U	U	50 B	22 B	27 B	49 B	12 F	12 F	15 F	20	11 F	14 F	17 F	73 B	U	U	U	U
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 J		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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		0.0013 F		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**
Sample ID No.			**LF6M1246NA**	**LF6M1246OA**	**LF6M1246PA**
Depth to Water (ft)			**4.77**	**4.20**	**6.55**
VOCs (µg/L)					
1,1,1-trichloroethane	5*	1	U	U	U
1,1-dichloroethene	5*	1	U	U	U
1,2-dichloroethane	0.6	1	U	U	U
1,4-dichlorobenzene	3	0.5	U	U	U
acetone	50	10	U	U	**226 FB**
benzene	1	0.1	U	U	U
carbon disulfide	1,000	0.5	U	U	3.50 F
chloroform	7	0.3	U	U	U
chloromethane	5*	1	U	U	U
cis-1,2-dichloroethene	5*	1	**174**	**241**	**972**
dichlorodifluoromethane	5*	1	U	U	U
hexachlorobutadiene	0.5*	0.6	U	U	U
methylene chloride	5*	1	U	U	U
trichloroethene (TCE)	5*	1	**711**	**655**	**14.5 F**
toluene	5*	1	U	U	U
trans-1,2-dichloroethene	5*	1	**9.25 F**	**7.25 F**	5.00 F
trichlorofluoromethane	5*	1	U	U	U
vinyl chloride	2	1	U	U	U
xylenes, Total	--	1.5	U	U	U
Total VOCs (µg/L)			**894.25**	**903.25**	**1221**
Metals (µg/L) [Dissolved / Total][1]					
aluminum	2,000	200	U / U	U	U
antimony	3	50	U / U	U	U
arsenic	25	30	U / U	U	U
barium	1,000	50	14 F / 14 F	17 F	24 F
beryllium	3	4	U / U	U	U
boron	1,000	110	U / U	76	NA
cadmium	5	5	U / U	U	U
calcium	--	1,100	120,000 / 120,000	130,000	180,000
chromium	50	10	U / 5.4 F	U	5.4 F
cobalt	--	60	U / U	U	U
copper	200	10	U / U	U	U
iron	300	200	**480** / **420**	**590**	**1,000**
lead	25	25	U / U	U	U
magnesium	35,000	1,000	27,000 / 28,000	29,000	30,000
manganese	300	10	**4,400** / **4,400**	**5,000**	**15,000**
mercury	0.7	1	U / U	U	U
molybdenum	--	15	U / U	U	U
nickel	100	20	U / U	U	U
potassium	--	1,000	4,300 / 4,500	4,500	4,700
selenium	10	30	U / U	U	U
silver	50	10	U / U	U	U
sodium	20,000	1,000	**24,000** / **25,000**	**24,000**	**53,000**
thallium	0.5	80	U / U	U	U
vanadium	--	10	U / U	U	U
zinc	2,000	20	U / 8.5 F	5.4 F	70 F
Leachate Indicators (mg/L)					
alkalinity, Total	--	10	300	310	430
ammonia	2	0.2	0.068	0.034 F	U
BOD5	--	2.4	U	10	550 J
bromide	2	0.5	0.12 F	0.4	U
COD	--	5	14	22	1,300
chloride	250	1	68	110	78
color	15	5	NA	U	NA
cyanide, Total	200	0.02	NA	NA	U
hardness, Total	--	1	420	450	580
nitrate	10	1	U	U	U
TKN	1	0.2	U	0.63 B	0.73
sulfate	250	1	62	66	14
TDS	500	10	**510**	**540**	**770**
TOC	--	1	3	4.5	270
phenolics, Total	--	0.005	U	U	U

Landfill 6 AOC
Groundwater Analytical 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		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		0.42 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	46.4 F	555	U	146 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	47 F	U	40 B	U	U	U	55 F
antimony	3	50	U	U	U	U	U	U	1.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	8.8 F	13.1 F	9.59 F	9.76 F	10 F	9.4 F	13 F	13 F	9.4 F	9.2 F	8.5 F	8.0 F	12 F	11 F	10 F	9.8 F	8.4 F	7.8 F	7.9 F	8.1 F	8.5 F	11 F	8.3 F	7.8 F	7.2 F	8.0 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	13	10.8	NA	NA	NA	NA	NA	NA	6.8 F	7.2 F	NA	NA	NA	NA	6.1 F	4.8 F	6.0 F	5.4 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	28,000	30,900	35,000	34,600	35,000	35,000	46,000	45,000	34,000	33,000	31,000	30,000	37,000	37,000	41,000	40,000	34,000	32,000	28,000	29,000	30,000	31,000	31,000	31,000	28,000	29,000
chromium	50	10	4.9 F	9.6 B	U	6.85 F	2.6 F	2.7 F	3.8 F	1.6 F	2.6 F	3.5 F	2.2 F	2.3 F	2.9 F	2.0 F	U	U	U	U	2.0 F	3.3 F	U	22	U	U	U	3.7 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	5.2 F	U	U	2.4 F	2.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.0 F	U	U	U	U
iron	300	200	U	**833**	U	96.6	7.2 F	42 F	U	U	U	U	U	U	U	U	U	U	U	8.1 F	U	16 F	U	**520**	U	27 F	U	16 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	7,870	8,420	9,680	9,260	10,000	10,000	12,000	12,000	9,600	9,400	9,400	9,100	11,000	10,000	11,000	11,000	9,700	9,100	8,600	8,700	8,800	9,000	9,000	8,600	8,100	8,400
manganese	300	10	0.3 F	35.4	U	3.36 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	21	U	U	U	U
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	9.9 F	U	U	2.8 F	1.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	1.2 F	U	11 F	U	U	U	U
potassium	--	1,000	1,190	1,420	745 F	891 F	700 F	660 F	850 F	760 F	740 F	820 F	720 F	750 F	770 F	740 F	660 F	620 F	560 F	540 F	600 F	630 F	570 F	670 F	580 F	530 F	440 F	610 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	1.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,320	1,910	1,780	1,790	1,800	1,700	1,800	1,800	1,900	2,000	2,000	2,100	2,000	2,000	1,900 B	1,800 B	1,800 B	1,800 B	1,600	1,700 B	1,600 B	1,700 B	1,600	2,600	1,500	1,600
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	1.6 F	U	U	U	U	0.72 F	0.71 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	U	6.4 F	15.8 F	17.1 F	7.7 F	9.3 F	U	U	U	U	48 B	51 B	35 B	35 B	11 F	11 F	11 F	12 F	10 F	11 F	65 B	49 B	U	U	U	U
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		0.0021 F		U		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**LF6VM17D48NA**		**LF6VM17D48OA**	**LF6VM17D48PA**																		
Depth to Water (ft)			**14.00**		**12.06**	**15.05**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U	U																		
1,1-dichloroethene	5*	1	U		U	U																		
1,2-dichloroethane	0.6	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		U	1.97 FB																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
trichloroethene (TCE)	5*	1	U		U	U																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**0**		**0**	**1.97**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	U	U	U	U																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	U																		
barium	1,000	50	7.1 F	6.4 F	9.1 F	7.1 F																		
beryllium	3	4	U	U	U	U																		
boron	1,000	110	U	U	11 B	NA																		
cadmium	5	5	U	U	U	U																		
calcium	--	1,100	26,000	26,000	31,000	23,000																		
chromium	50	10	U	U	U	4.4 F																		
cobalt	--	60	U	U	U	U																		
copper	200	10	U	U	U	U																		
iron	300	200	U	U	U	U																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	8,000	7,800	8,900	6,900																		
manganese	300	10	U	U	U	U																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	U	U	U	U																		
potassium	--	1,000	520 F	450 F	580 F	720 F																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	1,600	1,600	1,900 B	1,400																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	U	U	U	5.7 F																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	86		98	84																		
ammonia	2	0.2	U		U	U																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	1.6		U	U																		
COD	--	5	U		U	U																		
chloride	250	1	1.6		1.5	1.5																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		0.0083 F	U																		
hardness, Total	--	1	110		110	85																		
nitrate	10	1	0.15 B		0.16 B	U																		
TKN	1	0.2	U		0.23 B	0.16 FB																		
sulfate	250	1	8.7		9.3 B	9.5																		
TDS	500	10	100		98 B	100																		
TOC	--	1	0.52 F		0.60 FB	U																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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		UJ		U		UJ		UJ		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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	331 B	361	290	1,650	720	760	900	1,000	590	590	470	1,300	600	**5,300**	690	730	580	520	360 B	1,100	620 B	850	890	900	570	630
antimony	3	50	U	U	U	U	U	U	U	1.8 F	U	U	U	U	U	U	U	U	1.6 F	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	76.6	71.2	86.2	87.8	110	120	64	64	88	87	81	85	69	100	86	83	120	100	93	92	86	91	91	89	91	95
beryllium	3	4	U	U	U	0.47 F	0.72 F	0.64 F	0.62 F	0.57 F	0.50 F	0.45 F	0.57 F	0.67 F	0.66 F	0.89 F	0.40 F	0.39 F	0.54 F	0.50 F	0.47 F	0.55 F	0.58 F	0.59 F	0.56 F	.54 F	0.47 F	0.59 F
boron	1,000	110	12.2 J	7.9 F	NA	NA	NA	NA	NA	NA	6.7 F	5.5 F	NA	NA	NA	NA	4.2 F	3.4 F	4.2 F	4.5 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	1.9 F	1.9 F	1.84 F	U	3.9 F	3.5 F	4.2 F	3.8 F	3.2 F	2.9 F	2.7 F	2.8 F	2.6 F	2.2 F	2.7 F	2.6 F	3.3 F	3.0 F	2.1 F	2.3 F	2.1 F	2.2 F	3.1 F	3.0 F	1.9 F	2.7 F
calcium	--	1,100	11,900	11,600	10,500	10,600	9,100	9,300	8,500	8,500	8,500	8,400	8,000	7,900	8,300	8,800	8,100	7,900	10,000	8,900	8,100	7,900	8,600	9,100	8,900	8700	8,300	8,700
chromium	50	10	0.5 F	1.1 F	U	17.7	U	U	1.8 F	3.4 F	U	U	U	6.2 F	U	25	U	U	U	U	U	8.3 F	U	5.6 F	U	U	U	U
cobalt	--	60	6.1 F	6.2 F	U	7.49 F	8.4 F	6.4 F	U	U	U	U	8.8 F	9.3 F	6.8 F	U	7.5 F	6.6 F	U	U	U	7.1 F	U	U	7.3 F	7.0 F	U	6.9 F
copper	200	10	U	2.2 F	U	2.55 F	4.9 F	6.2 F	3.2 F	3.6 F	U	2.1 F	U	3.4 F	6.0 F	14	4.4 F	5.3 F	U	U	U	2.9 F	U	U	3.2 F	4.6 F	U	U
iron	300	200	18 F	128 F	14.6 F	**3,170**	**1,700**	**2,000**	75 F	210	19 F	39 F	110 F	**3,600**	19 F	**13,000**	140 F	190 F	17 F	3.3 F	11 F	**2,700**	14 F	**930**	12 F	110 F	U	16 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	1,860	1,900	1,820	2,050	1,800	1,800	1,800	1,800	1,900	1,800	1,600	1,700	1,600	2,300	1,600	1,600	2,300	2,000	1,600	1,700	1,900	2,100	1,800	1,800	1,800	2,000
manganese	300	10	**524**	**536**	291	**336**	**320**	**340**	120	120	230	220	**540**	**530**	240	**330**	290	280	**390**	**310**	270	280	230	240	260	260	180	190
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	12.3 F	12.8 F	13.4 F	21.5	7.6 F	9.1 F	3.7 F	5.5 F	17 F	17 F	19 F	19 F	12 F	26	6.7 F	9.5 F	11 F	10 F	11 F	14 F	7.7 F	10 F	7.8 F	8.7 F	7.4 F	7.9 F
potassium	--	1,000	337 F	270 F	380 F	789 F	220 F	210 F	U	U	U	U	230 F	320 F	220 F	730 F	170 F	160 F	190 F	200 F	210 F	390 F	U	U	230 F	230 F	U	250 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,520 J	1,850 J	2,280	2,090	1,500	1,000 B	1,300	1,300	1,400	1,400	1,400	1,300	1,400	1,400	6,000	5,500	1,900 B	1,700 B	2,200 B	1,800 B	1,400 B	1,500 B	3,300	3,300 B	1,300	1,500
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	2.36 F	U	U	U	U	U	U	U	U	U	4.0 F	U	U	U	U	U	0.84 F	U	U	U	U	U	U
zinc	2,000	20	13.5 F	12.2 F	34.2 B	52 B	31	39 B	21	23	24	27	69 B	59 B	74 B	83 B	35 B	32 B	39	35	31 B	33 B	62 B	68 B	23	22	21	22
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		0.0018 F		U		0.0014 F		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**LF6VM17S13NA**		**LF6VM17S15OA**	**LF6VM17S15PA**																		
Depth to Water (ft)			**13.03**		**10.60**	**14.12**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U	U																		
1,1-dichloroethene	5*	1	U		U	U																		
1,2-dichloroethane	0.6	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		U	2.48 FB																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
trichloroethene (TCE)	5*	1	U		U	U																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**0**		**0**	**2.48**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	360	**3,200**	610	1,600																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	U																		
barium	1,000	50	67	81	66	51																		
beryllium	3	4	0.38 F	0.59 F	0.44 F	0.56 F																		
boron	1,000	110	U	U	8.7 F	NA																		
cadmium	5	5	1.2 F	1.5 F	1.9 F	2.0 F																		
calcium	--	1,100	7,700	8,000	9,300	8,800																		
chromium	50	10	U	17	U	U																		
cobalt	--	60	U	U	4.4 F	4.2 F																		
copper	200	10	U	5.7 F	U	U																		
iron	300	200	11 F	**9,300 F**	87 F	**6,300**																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	1,700	2,000	1,900	1,900																		
manganese	300	10	**390**	**420**	170	170																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	7.6 F	16 F	6.4 F	5.5 F																		
potassium	--	1,000	U	440 F	U	370 F																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	1,100	1,100	1,300	860 F																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	18 F	21	22	19 F																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	80		U	U																		
ammonia	2	0.2	0.018 F		U	U																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	U		U	U																		
COD	--	5	25		12 B	17																		
chloride	250	1	0.70 F		0.95 F	1.4																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		0.0081 F	U																		
hardness, Total	--	1	24		31	30																		
nitrate	10	1	3.0		4.4	4.5 F																		
TKN	1	0.2	0.56		0.27 B	0.72 B																		
sulfate	250	1	15		15 B	11																		
TDS	500	10	65		52 B	78																		
TOC	--	1	4.8		3.2 B	3.1 B																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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		UJ		U	
chloroform	7	0.3	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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	59.3 F	1,640	U	155 F	U	370	U	120 F	U	100 F	U	130	U	150 F	U	52 F	U	U	41 F	74 F	U	290 B	U	U	U	43 F
antimony	3	50	U	U	U	U	U	U	U	1.6 F	U	U	U	U	U	U	U	U	1.8 F	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	253	248	266	265	250	260	260	270	270	270	260	270	250	250	250	250	290	280	290	280	270	270	270	270	290	290
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	19.8	17.1	NA	NA	NA	NA	NA	NA	14	13	NA	NA	NA	NA	12	13	12	14	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	76,800	79,300	79,300	79,900	80,000	81,000	79,000	81,000	81,000	82,000	77,000	81,000	77,000	76,000	75,000	77,000	86,000	84,000	84,000	81,000	78,000	80,000	73,000	72,000	77,000	80,000
chromium	50	10	U	8.2 F	2.27 F	8.14 F	5.1 F	7.8 F	6.4 F	5.2 F	5.3 F	5.7 F	4.2 F	5.6 F	5.3 F	7.2 F	2.9 F	3.6 F	3.2 F	5.1 F	5.1 F	5.3 F	5.2 F	10	2.9 F	5.8 F	U	18
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	13.7	U	U	2.6 F	6.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	U	**2,500**	29.9 F	279	44 F	**1,000**	49 F	260	5.2 F	280	53 F	**320**	82 F	520	57 F	180 F	86 F	99 F	64 F	190 F	68 F	**870**	60 F	260	98 F	220
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	**38,500**	**39,600**	**41,000**	**41,100**	**41,000**	**41,000**	**40,000**	**41,000**	**41,000**	**41,000**	**39,000**	**40,000**	**37,000**	**37,000**	**37,000**	**38,000**	**43,000**	**42,000**	**41,000**	**39,000**	**38,000**	**39,000**	**36,000**	**36,000**	**38,000**	**39,000**
manganese	300	10	96	182	116	121	110	140	120	130	120	130	120	130	130	130	130	130	140	140	140	130	130	150	130	130	130	140
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	NA	U	U
molybdenum	--	15	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	5.5 F	U	1.3 F	1.3 F	2.7 F	U	U	U	U	2.7 F	3.4 F	4.3 F	4.5 F	5.9 F	6.9 F	4.4 F	4.3 F	7.9 F	8.2 F	9.6 F	11 F	5.4 F	6.2 F	11 F	11 F
potassium	--	1,000	2,010	2,080	1,540	1,690	1,700	1,700	1,800	1,800	1,800	1,800	1,800	1,900	1,800	1,800	1,700	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,700	1,700	1,600	1,800
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	12,300 J	9,780 J	13,600	13,500	16,000	16,000	18,000	19,000	20,000	20,000	20,000	20,000	19,000	19,000	20,000	**21,000**	**21,000**	**21,000**	**25,000**	**24,000**	**26,000**	**26,000**	**28,000**	**28,000**	**31,000**	**33,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	2.8 F	U	U	U	U	U	0.83 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	4.8 F	8.8 F	14.9 F	17.4 F	4.4 F	5.4 F	U	U	U	U	52 B	32 B	32 B	51 B	9.7 F	12 F	12 F	13 F	11 F	11 F	65 B	60 B	U	U	U	U
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 J	
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																	
Sample ID No.			**LF6VM1850NA**		**LF6VM1850OA**		**LF6VM1850PA**																	
Depth to Water (ft)			**11.81**		**11.41**		**13.58**																	
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U		U																	
1,1-dichloroethene	5*	1	U		U		U																	
1,2-dichloroethane	0.6	1	U		U		U																	
1,4-dichlorobenzene	3	0.5	U		U		U																	
acetone	50	10	U		U		2.30 F																	
benzene	1	0.1	U		U		U																	
carbon disulfide	1,000	0.5	U		U		U																	
chloroform	7	0.3	U		U		U																	
chloromethane	5*	1	U		U		U																	
cis-1,2-dichloroethene	5*	1	U		U		U																	
dichlorodifluoromethane	5*	1	U		U		U																	
hexachlorobutadiene	0.5*	0.6	U		U		U																	
methylene chloride	5*	1	U		U		U																	
m,p-xylene	5*	2	U		U		U																	
trichloroethene (TCE)	5*	1	U		U		U																	
toluene	5*	1	U		U		U																	
trans-1,2-dichloroethene	5*	1	U		U		U																	
trichlorofluoromethane	5*	1	U		U		U																	
vinyl chloride	2	1	U		U		U																	
xylenes, Total	--	1.5	U		U		U																	
Total VOCs (µg/L)			**0**		**0**		**2.30**																	
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	U	U	U	U																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	U																		
barium	1,000	50	310	310	290	310																		
beryllium	3	4	U	U	U	U																		
boron	1,000	110	U	U	16	NA																		
cadmium	5	5	U	U	U	U																		
calcium	--	1,100	81,000	81,000	76,000	76,000																		
chromium	50	10	U	11	17	30																		
cobalt	--	60	U	U	U	U																		
copper	200	10	U	U	U	U																		
iron	300	200	100 F	120 F	230	**310**																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	**40,000**	**39,000**	**38,000**	**38,000**																		
manganese	300	10	140	140	140	150																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	7.1 F	6.9 F	7.3 F	8.6 F																		
potassium	--	1,000	1,900	1,800	2,000	2,000																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	**36,000**	**36,000**	**39,000**	**43,000**																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	U	U	7.7 F	7.2 F																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	260		240	240																		
ammonia	2	0.2	0.038 F		U	U																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	0.053 F		U	U																		
COD	--	5	U		5.4 FB	U																		
chloride	250	1	110		110	120																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		0.0083 F	U																		
hardness, Total	--	1	360		350	340																		
nitrate	10	1	0.030 F		U	U																		
TKN	1	0.2	U		0.19 FB	0.27 B																		
sulfate	250	1	42		39	42																		
TDS	500	10	470		460	480																		
TOC	--	1	0.62 F		0.67 FB	0.82 F																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	54.6 F	**3,800**	U	258	U	180 F	99 F	89 F	U	140 F	U	U	U	U	U	U	U	2.4 F	44 F	65 F	63 F	350 B	U	U	U	48 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.4 F	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	15.4 F	40 F	25.4 F	26.6 F	24 F	26 F	25 F	24 F	31 F	32 F	41 F	4.2 F	27 F	28 F	32 F	32 F	39 F	39 F	47 F	46 F	33 F	36 F	45 F	45 F	35 F	38 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	12.4 J	9.9 F	NA	NA	NA	NA	NA	NA	11	11	NA	NA	NA	NA	10	9.1 F	7.5 F	6.7 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	0.44 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	38,000	39,400	36,400	37,600	57,000	59,000	66,000	65,000	41,000	41,000	42,000	42,000	55,000	59,000	96,000	97,000	67,000	67,000	52,000	52,000	69,000	69,000	110,000	110,000	68,000	76,000
chromium	50	10	0.9 F	**598**	2.13 F	**70.4**	2.4 F	**73**	21	19	4.8 F	**67**	6.2 F	**110**	3.9 F	49	1.7 F	12	2.0 F	27	5.2 F	**90**	3.3 F	**140**	U	19	U	12
cobalt	--	60	U	5.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	30.9	U	U	23 F	6.4 F	U	U	U	2.4 F	U	3.2 F	U	2.0 F	U	U	U	U	U	U	U	4.6 F	U	U	U	U
iron	300	200	19.6 F	**7,640**	U	**543**	17 F	**630**	160 F	180 F	5.6 F	**430**	5.2 F	**330**	U	200	5.3 F	62 F	U	110 F	18 F	**320**	U	**840**	U	140 F	U	75 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	4,100	5,620	15,000	15,000	9,300	8,900	9,200	8,900	23,000	22,000	24,000	24,000	11,000	10,000	11,000	11,000	23,000	20,000	26,000	25,000	12,000	12,000	11,000	11,000	16,000	16,000
manganese	300	10	2.2 F	**310**	U	22.4	U	31	8.2 F	8.4 F	U	21	U	3.2 F	U	4.5 F	2.0 F	4.0 F	U	3.9 F	1.9 F	5.8 F	U	21	U	3.1 F	U	1.4 F
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	4.2 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	11.1 F	**140**	3.24 F	9.72 F	2.2 F	11	3.2 F	5.5 F	2.9 F	6.4 F	2.4 F	4.5 F	2.0 F	3.1 F	U	1.7 F	3.0 F	3.6 F	16 F	16 F	2.6 F	9.8 F	U	U	U	U
potassium	--	1,000	554 F	1,750	557 F	753 F	680 F	720 F	760 F	670 F	750 F	780 F	910 F	870 F	820 F	760 F	800 F	800 F	770 F	720 F	890 F	900 F	840 F	900 F	790 F	770 F	670 F	750 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	1.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,300 J	1,480 J	16,300	16,100	6,300	5,400	4,500	4,500	**22,000**	**21,000**	**38,000**	**38,000**	12,000	11,000	5,800	4,800	**21,000**	18,000	**34,000**	**34,000**	13,000	13,000	7,000 J	5,700 J	20,000	18,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	9.6 F	U	U	U	1.5 F	0.81 F	U	U	U	U	0.90 F	U	0.71 F	U	U	U	U	U	0.96 F	U	U	U	U	U	U
zinc	2,000	20	4.5 F	19.8 F	24.7 B	12.2 F	4.7 F	7.3 F	U	6.1 F	U	U	13 F	11 F	39 B	42 B	11 F	10 F	16 F	12 F	13 F	14 F	26 B	59 B	U	U	U	U
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		0.0011 F		0.0014 F		0.00092 F		0.00098 F		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**															
Sample ID No.			**LF6VM1926NA**		**LF6VM1926OA**		**LF6VM1926PA**															
Depth to Water (ft)			**9.31**		**9.34**		**10.55**															
VOCs (µg/L)																						
1,1,1-trichloroethane	5*	1	U		U		U															
1,1-dichloroethene	5*	1	U		U		U															
1,2-dichloroethane	0.6	1	U		U		U															
1,4-dichlorobenzene	3	0.5	U		U		U															
acetone	50	10	U		U		2.20 F															
benzene	1	0.1	U		U		U															
carbon disulfide	1,000	0.5	U		U		U															
chloroform	7	0.3	1.87		0.5		1.97															
chloromethane	5*	1	U		U		U															
cis-1,2-dichloroethene	5*	1	U		U		U															
dichlorodifluoromethane	5*	1	U		U		U															
hexachlorobutadiene	0.5*	0.6	U		U		U															
methylene chloride	5*	1	U		U		U															
m,p-xylene	5*	2	U		U		U															
trichloroethene (TCE)	5*	1	U		U		U															
toluene	5*	1	U		U		U															
trans-1,2-dichloroethene	5*	1	U		U		U															
trichlorofluoromethane	5*	1	U		U		U															
vinyl chloride	2	1	U		U		U															
xylenes, Total	--	1.5	U		U		U															
Total VOCs (µg/L)			**1.87**		**0.5**		**4.17**															
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	U	U		U															
antimony	3	50	U	U	U		U															
arsenic	25	30	U	U	U		U															
barium	1,000	50	37 F	37 F	55		46 F															
berylium	3	4	U	U	U		U															
boron	1,000	110	U	U	12 B		NA															
cadmium	5	5	U	U	U		U															
calcium	--	1,100	43,000	44,000	120,000		58,000															
chromium	50	10	4.1 F	48	35		37															
cobalt	--	60	U	U	U		U															
copper	200	10	U	U	U		U															
iron	300	200	U	200	210		210															
lead	25	25	U	U	U		U															
magnesium	35,000	1,000	21,000	21,000	17,000		25,000															
manganese	300	10	U	2.5 F	2.3 F		1.9 F															
mercury	0.7	1	U	U	U		U															
molybdenum	--	15	U	U	U		U															
nickel	100	20	7.3 F	8.9 F	U		7.9 F															
potassium	--	1,000	830 F	760 F	960 F		1,000															
selenium	10	30	U	U	U		U															
silver	50	10	U	U	U		U															
sodium	20,000	1,000	**39,000**	**37,000**	11,000		**28,000**															
thallium	0.5	80	U	U	U		U															
vanadium	--	10	U	U	U		U															
zinc	2,000	20	U	U	5 F		6.6 F															
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	140		320		160															
ammonia	2	0.2	0.042 F		U		U															
BOD5	--	2.4	U		U		U															
bromide	2	0.5	0.037 F		U		U															
COD	--	5	U		U		U															
chloride	250	1	77		21		78															
color	15	5	NA		U		NA															
cyanide, Total	200	0.02	NA		0.0089 F		U															
hardness, Total	--	1	200		360		250															
nitrate	10	1	2.0		1.4		1.8															
TKN	1	0.2	U		0.24 B		0.28 B															
sulfate	250	1	17		23 B		18															
TDS	500	10	320		370		290															
TOC	--	1	0.44 F		1.3 B		0.78 F															
phenolics, Total	--	0.005	U		U		U															

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	55 F	1,240 B	U	333	U	U	U	99 F	U	71 F	U	U	U	82 F	U	58 F	U	U	U	69 F	63 F	150 F	U	U	U	57 F
antimony	3	50	U	U	U	U	U	**9.9 F**	U	U	U	**3.8 F**	U	2.8 F	U	**10 F**	U	U	U	U	U	U	U	9.3 F	U	U	U	U
arsenic	25	30	U	U	U	**35**	U	U	U	6.7 F	U	U	U	U	U	5.6 F	U	4.2 F	U	4.3 F	U	U	U	14 F	U	6.4 F	U	4.2 F
barium	1,000	50	57.6 J	25.5 F	0.56 F	8.01 F	U	3.1 F	0.65 F	2.9 F	U	2.5 F	U	0.79 F	U	2.8 F	U	1.5 F	U	0.90 F	U	1.5 F	U	2.8 F	U	U	U	U
beryllium	3	4	U	0.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	17.8 J	U	NA	NA	NA	NA	NA	NA	11	13.0	NA	NA	NA	NA	15	14	15	13	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	0.7 F	UJ	U	1.41 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.2 F	U	U	U	U	U	U
calcium	--	1,100	150,000 J	78,700 J	82,200	83,500	82,000	80,000	88,000	86,000	71,000	74,000	63,000	65,000	69,000	74,000	47,000	45,000	41,000	40,000	51,000	50,000	48,000	49,000	34,000	34,000	27,000	29,000
chromium	50	10	2.7 F	**73,200**	11.9	**16,900**	12	**3,400**	10	**3,100**	8.7 F	**2,300**	14	**1,400**	10	**3,200**	5.7 F	**1,400**	5.8 F	**920**	5.4 F	**1,100**	6.6 F	**3,000**	6.1 F	**1,400**	**61**	**860**
cobalt	--	60	U	188	U	59.4 F	U	14 F	U	21 F	U	21 F	U	15 F	U	38 F	U	22 F	U	12 F	U	20 F	U	95	U	43 F	U	23 F
copper	200	10	2.8 F	**695**	U	156	U	36	U	32	U	23	U	15	U	33	U	14	U	11	U	12	U	28	U	15	U	9.6 F
iron	300	200	U	**352,000**	87.2 F	**80,200**	97 F	**19,000**	67 F	**22,000**	66 F	**19,000**	130 F	**13,000**	81 F	**27,000**	43 F	**15,000**	34 F	**11,000**	47 F	**12,000**	65 F	**33,000**	67 F	**16,000**	**810**	**11,000**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	22,600	**39,600**	**48,000**	**47,000**	**48,000**	**47,000**	**50,000**	**48,000**	**40,000**	**41,000**	35,000	35,000	**36,000**	**38,000**	25,000	24,000	22,000	20,000	26,000	26,000	25,000	24,000	17,000	17,000	14,000	14,000
manganese	300	10	3.1 F	**4,160**	9.27 F	**1,110**	12	**400**	8.8 F	**470**	8.8 F	**400**	12	280	12	**600**	8.0 F	**330**	5.2 F	200	8.5 F	**320**	9.5 F	**1,200**	3.7 F	**620**	**23.000**	**330**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	172	U	31..4	U	14 F	U	8.2 F	U	5.5 F	U	3.7 F	U	7.6 F	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	1.8 F	**3,340**	**108**	**922**	94	**270**	85	**290**	64	**230**	85	**200**	94	**350**	84	**220**	54	**160**	60	**180**	78	**450**	43	**230**	33	**140**
potassium	--	1,000	2,800 J	1,820 J	1,680	1,850	1,800	1,700	2,200	2,100	2,000	2,100	1,900	1,900	2,000	2,100	1,500	1,400	1,500	1,300	1,500	1,500	1,500	1,500	1,100	1,000	670 F	940 F
selenium	10	30	U	**15.1 F**	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**384,000 J**	**97,700 J**	**113,000**	**115,000**	**100,000**	**100,000**	**180,000**	**180,000**	**190,000**	**190,000**	**160,000**	**170,000**	**180,000**	**180,000**	**120,000**	**120,000**	**130,000**	**120,000**	**140,000**	**140,000**	**150,000**	**140,000**	**88,000**	**87,000**	**67,000**	**69,000**
thallium	0.5	80		**9.9 F**	U	**8.15 F**	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	175	U	44.4	U	9.6 F	U	9.7 F	U	7.9 F	U	5.7 F	U	12	U	5.8 F	U	4.4 F	U	5.1 F	U	17	U	7.1 F	U	5.1 F
zinc	2,000	20	21.4	85.2	16.6 F	56 B	6.2 F	12 F	U	8.6 F	U	U	21 B	45 B	46 B	54 B	11 F	15 F	11 F	12 F	10 F	14 F	58 B	49 B	U	5.3 F	U	4.4 F
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	
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	
phenolics, Total	--	0.005	0.005 F		U		U		U		U		U		0.0015 F		U		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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																	
Sample ID No.			LF6VM2068NA		LF6VM2068OA		LF6VM2068PA																	
Depth to Water (ft)			11.20		11.65		12.71																	
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U		U																	
1,1-dichloroethene	5*	1	U		U		U																	
1,2-dichloroethane	0.6	1	U		U		U																	
1,4-dichlorobenzene	3	0.5	U		U		U																	
acetone	50	10	U		U		1.21 F																	
benzene	1	0.1	U		U		U																	
carbon disulfide	1,000	0.5	U		U		U																	
chloroform	7	0.3	U		U		U																	
chloromethane	5*	1	U		U		U																	
cis-1,2-dichloroethene	5*	1	U		U		U																	
dichlorodifluoromethane	5*	1	U		U		U																	
hexachlorobutadiene	0.5*	0.6	U		U		U																	
methylene chloride	5*	1	U		U		U																	
m,p-xylene	5*	2	U		U		U																	
trichloroethene (TCE)	5*	1	U		U		U																	
toluene	5*	1	U		U		U																	
trans-1,2-dichloroethene	5*	1	U		U		U																	
trichlorofluoromethane	5*	1	U		U		U																	
vinyl chloride	2	1	U		U		U																	
xylenes, Total	--	1.5	U		U		U																	
Total VOCs (µg/L)			**0**		**0**		**1.21**																	
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	U	U	U		58 F																	
antimony	3	50	U	U	U		U																	
arsenic	25	30	U	U	U		6.6 F																	
barium	1,000	50	U	U	U		U																	
berylium	3	4	U	U	U		U																	
boron	1,000	110	U	U	16		NA																	
cadmium	5	5	U	U	U		U																	
calcium	--	1,100	25,000	25,000	30,000		28,000																	
chromium	50	10	4.5 F	**330**	**500**		**1,200**																	
cobalt	--	60	U	4.9 F	11 F		46 F																	
copper	200	10	U	U	7.1 F		13																	
iron	300	200	37 F	**3,800**	**5,900**		**16,000**																	
lead	25	25	U	U	U		U																	
magnesium	35,000	1,000	13,000	13,000	15,000		14,000																	
manganese	300	10	U	110	160		**630**																	
mercury	0.7	1	U	U	U		U																	
molybdenum	--	15	U	U	U		U																	
nickel	100	20	15 F	52	100		**250**																	
potassium	--	1,000	940 F	880 F	1,000		1,000																	
selenium	10	30	U	U	U		U																	
silver	50	10	U	U	U		U																	
sodium	20,000	1,000	**70,000**	**68,000**	**69,000**		**55,000**																	
thallium	0.5	80	U	U	U		U																	
vanadium	--	10	U	U	2.5 F		6.7 F																	
zinc	2,000	20	U	U	7.7 F		11 F																	
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	180		170		160																	
ammonia	2	0.2	U		U		U																	
BOD5	--	2.4	U		U		U																	
bromide	2	0.5	0.028 F		U		U																	
COD	--	5	U		U		U																	
chloride	250	1	42		68		54																	
color	15	5	NA		U		NA																	
cyanide, Total	200	0.02	NA		0.0082 F		U																	
hardness, Total	--	1	110		140		130																	
nitrate	10	1	1.1		1.0 B		0.76 F																	
TKN	1	0.2	U		0.56 B		0.16 FB																	
sulfate	250	1	7.4		8.9 B		9.0																	
TDS	500	10	260		280		250																	
TOC	--	1	U		0.55 FB		0.53 F																	
phenolics, Total	--	0.005	U		U		U																	

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	54.2 F	**5,140**	U	1,210	U	**3,500**	71 F	770	U	170 F	U	170 F	U	220	U	1,200	U	94 F	U	140 F	76 F	180 F	U	200	U	180 F
antimony	3	50	U	U	U	U	U	2.4 F	U	U	U	U	U	**3.4 F**	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	56.9 J	31.7 F	5.13 F	11.8 F	4.0 F	19 F	4.8 F	7.6 F	3.4 F	5.0 F	2.7 F	4.7 F	3.2 F	4.9 F	3.6 F	9.5 F	3.2 F	3.9 F	2.9 F	5.1 F	3.0 F	3.8 F	3.2 F	5.0 F	U	4.1 F
beryllium	3	4	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	18.8 J	30.8	NA	NA	NA	NA	NA	NA	9.7 F	10	NA	NA	NA	NA	11	13	10	9.4 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	1.6 F	U	U	U	U	U	1.5 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	149,000 J	34,200 J	22,900	25,100	18,000	23,000	21,000	21,000	22,000	22,000	23,000	23,000	22,000	23,000	22,000	24,000	25,000	24,000	24,000	24,000	23,000	23,000	24,000	24,000	25,000	26,000
chromium	50	10	2.5 F	22.3	U	**540**	4.9 F	**470**	8.8 F	**230**	10	**310**	4.4 F	**540**	4.4 F	**500**	3.1 F	**510**	2.5 F	**350**	4.7 F	**1,200**	2.9 F	**210**	U	**460**	U	**190**
cobalt	--	60	U	3 F	U	U	U	U	6.2 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	2.2 F	21.7	U	17.3	3.3 F	41	U	5.0 F	U	4.2 F	U	5.2 F	U	9.0 F	U	13	U	18	U	74	U	11	U	27	U	13
iron	300	200	U	**8,590**	5.82 F	**4,840**	18 F	**8,300**	20 F	**3,400**	53 F	**2,000**	170	**5,100**	7.5 F	**3,500**	8.0 F	**4,600**	U	**2,100**	8.7 F	**5,200**	U	**1,400**	U	**3,600**	U	**1,800**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	22,200 J	9,760 J	7,900	8,220	9,300	10,000	8,500	8,400	8,400	8,300	8,800	8,800	8,200	8,900	10,000	10,000	9,300	9,000	9,000	8,900	9,300	9,200	9,900	9,800	8,700	9,300
manganese	300	10	3.1 F	**581**	2.91 F	149	U	**310**	U	98	U	32	U	41	U	40	U	150	17	49	U	42	U	12	U	27	U	**17.000**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	6.6 F	U	8.23 F	U	7.2 F	U	U	U	U	U	3.2 F	U	4.2 F	U	4.6 F	U	U	U	11 F	U	U	U	U	U	U
nickel	100	20	2.7 F	29.4	67.6	**161**	23	**190**	68	**160**	27	51	52	210	43	**160**	21	**220**	96	**170**	34	**140**	11 F	29	11 F	56	11 F	33
potassium	--	1,000	2,750 J	2,170 J	516 F	999 F	760 F	1,700	92 F	930 F	590 F	620 F	800 F	800 F	700 F	760	650	1,000	600 F	630 F	780 F	810 F	560 F	570 F	530 F	530 F	230 F	520 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**380,000 J**	3,120 J	2,140	1,860	5,100 J	4,100 J	1,700	1,700	1,800	1,600	2,900	2,200	2,200	2,000	8,900	8,500	6,500	5,400	3,600	2,800 B	5,300 J	4,300 J	17,000	18,000	9,500	9,400
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	8.8 F	U	5.53 F	U	7.6 F	0.67 F	2.5 F	U	2.0 F	U	1.9 F	U	2.6 F	U	4.0 F	U	2.4 F	U	6.1 F	U	U	U	3.8	U	U
zinc	2,000	20	17.5 F	47.4	24.8 B	52.1 B	5.0 F	31	U	7.8 F	U	U	53 B	58 B	31 B	23 B	11 F	18 F	13 F	11 F	11 F	12 F	54 B	71 B	U	U	4.8 F	U
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		0.0014 F		0.0013 F		0.0011 F		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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																	
Sample ID No.			LF6VM2175NA		LF6VM2175OA		LF6VM2175PA																	
Depth to Water (ft)			43.25		43.72		44.67																	
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U		U																	
1,1-dichloroethene	5*	1	U		U		U																	
1,2-dichloroethane	0.6	1	U		U		U																	
1,4-dichlorobenzene	3	0.5	U		U		U																	
acetone	50	10	U		U		1.56 F																	
benzene	1	0.1	U		U		U																	
carbon disulfide	1,000	0.5	U		U		U																	
chloroform	7	0.3	U		0.110 F		0.120 F																	
chloromethane	5*	1	U		U		U																	
cis-1,2-dichloroethene	5*	1	U		U		U																	
dichlorodifluoromethane	5*	1	U		U		U																	
hexachlorobutadiene	0.5*	0.6	U		U		U																	
methylene chloride	5*	1	U		U		U																	
m,p-xylene	5*	2	U		U		U																	
trichloroethene (TCE)	5*	1	U		U		U																	
toluene	5*	1	U		U		U																	
trans-1,2-dichloroethene	5*	1	0.140 F		U		U																	
trichlorofluoromethane	5*	1	U		0.140 F		0.140 F																	
vinyl chloride	2	1	U		U		U																	
xylenes, Total	--	1.5	U		U		U																	
Total VOCs (µg/L)			**0.14**		**0.25**		**1.82**																	
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	U	**6,200**	630		270																	
antimony	3	50	U	U	U		U																	
arsenic	25	30	U	U	U		U																	
barium	1,000	50	2.5 F	26 F	6.9 F		4.4 F																	
beryllium	3	4	U	0.21 F	U		U																	
boron	1,000	110	U	U	9.6 FB		NA																	
cadmium	5	5	U	U	U		U																	
calcium	--	1,100	25,000	41,000	29,000		27,000																	
chromium	50	10	U	**1,600**	**550**		**490**																	
cobalt	--	60	U	14 F	U		U																	
copper	200	10	U	180	43		41																	
iron	300	200	U	**19,000**	**3,600**		**3,600**																	
lead	25	25	U	U	U		U																	
magnesium	35,000	1,000	8,800	12,000	10,000		9,200																	
manganese	300	10	U	**430**	87		30																	
mercury	0.7	1	U	U	U		U																	
molybdenum	--	15	U	20	5.7 F		U																	
nickel	100	20	23	**570**	**140**		84																	
potassium	--	1,000	650 F	2,400	540 F		780 F																	
selenium	10	30	U	U	U		U																	
silver	50	10	U	U	U		U																	
sodium	20,000	1,000	6,500	6,500	7,500 B		6,400																	
thallium	0.5	80	U	U	U		U																	
vanadium	--	10	U	19	4.3 F		2.9 F																	
zinc	2,000	20	U	45	12 B		7.7 F																	
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	130		110		100																	
ammonia	2	0.2	U		U		U																	
BOD5	--	2.4	NA		U		U																	
bromide	2	0.5	U		U		U																	
COD	--	5	39		U		U																	
chloride	250	1	3.5		2.9		2.3																	
color	15	5	NA		U		NA																	
cyanide, Total	200	0.02	NA		0.0080 F		U																	
hardness, Total	--	1	180		110		100																	
nitrate	10	1	2.3		2.3		1.2																	
TKN	1	0.2	0.17 F		0.44 B		0.19 FB																	
sulfate	250	1	4.3		4.3 B		4.6																	
TDS	500	10	140		130 B		97																	
TOC	--	1	0.86 F		U		U																	
phenolics, Total	--	0.005	U		U		U																	

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	55.8 F	343	U	172 F	U	57 F	59 F	62 F	U	U	U	U	U	U	U	54 F	U	U	U	61 F	U	200	U	75 F♦	U	140 F♦
antimony	3	50	U	U	U	1.67 F	U	**6.2 F**	U	U	U	U	U	U	U	U	U	U	1.7 F♦	U	U	U	U	U	U	U	3.9 F	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	3.7 F	4.8 F	3.59 F	4.39 F	1.4 F	2.5 F	2.2 F	1.6 F	2.6 F	2.7 F♦	2.9 F	3.2 F	3.6 F	3.6 F	1.8 F	1.9 F	2.2 F	2.0 F	3.4 F	3.7 F	3.3 F	3.8 F	U	2.1 F♦	3.0 F♦	3.3 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	15.9 J	U	NA	NA	NA	NA	NA	NA	7.6 F	8.2 F♦	NA	NA	NA	NA	8.9 F	9.0 F	7.5 F	7.3 F♦	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	0.71 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	48,300	48,800	47,300	48,200	35,000	37,000	29,000	28,000	44,000	43,000	59,000♦	60,000♦	58,000	57,000	37,000	36,000	53,000	51,000 ♦	64,000	63,000	59,000	58,000	42,000	41,000	56,000♦	54,000
chromium	50	10	0.8 F	3.5 F	U	3.97 F	U	2.9 F	5.2 F	2.4 F	3.5 F	4.3 F♦	8.9 F♦	44	5.4 F♦	29	3.1 F	14	2.7 F♦	3.7 F♦	4.6 F	19	4.6 F	27	U	11	3.8 F♦	12♦
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	2.5 F	U	U	2.7 F	2.8 F	U	U	2.3 F♦	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	U	**436**	U	219	U	100	U	55 F	U	9.4 F♦	44 F♦	260♦	5.3 F	200	8.2 F♦	160 F	7.9 F♦	18 F♦	7.4 F	130 F	12 F	**340**	U	150 F	130 F	210♦
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	20,700	21,600	21,400	21,600	15,000	16,000	12,000	12,000	19,000	19,000	27,000	27,000	26,000	25,000	16,000♦	15,000	24,000	23,000 F	28,000	28,000	26,000	26,000	18,000 ♦	17,000	23,000	23,000♦
manganese	300	10	2.8 F	34.9	2.39 F	15.3	2.7 F	8.3 F	U	2.7 F	U	U	U	3.9 F♦	U	1.8 F	U	2.1 F	U	U	U	U	U	11	U	3.9 F	U	9.0 F♦
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	4.4 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	5.4 F	4.4 F	1.13 F	1.92 F	1.4 F	U	U	U	U	U	12 F	4.5 F♦	4.6 F♦	6.3 F♦	U	2.2 F	3.8 F♦	U	2.9 F	4.0 F	3.2 F	3.9 F	U	U	U	U
potassium	--	1,000	862 F	879 F	716 F	786 F	490 F	640 F	670 F	560 F	730 F	740 F♦	970 F♦	980 F	1,000	990 F	640 F	650 F	770 F	750 F♦	950 F	990 F	910 F	920 F♦	620 F	660 F♦	820 F♦	830 F♦
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	4.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	9,230	8,960	9,890	9,700	6,500	6,500	4,100	4,000	9,100	8,900 ♦	17,000	16,000	15,000	15,000	6,700♦	6,200	13,000	12,000	19,000	18,000	15,000	15,000	7,700 ♦	7,400	13,000♦	12,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	0.68 F	U	U	U	0.78 F	U	U	U	0.71 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	14.7 F	4.8 F	17 F	25.7 B	4.7 F	11 F	U	U	U	U	55 B♦	59 B♦	48 B♦	66 B	11 F	12 F	11 F	15 F♦	9.3 F	10 F	76 B	84 B♦	U	U	U	U
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		0.0013 F♦		U		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**LF6VM2235NA**		**LF6VM2235OA**	**LF6VM2235PA**																		
Depth to Water (ft)			**14.61**		**14.15**	**15.47**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U	U																		
1,1-dichloroethene	5*	1	U		U	U																		
1,2-dichloroethane	0.6	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		1.17 F	1.76 FB♦																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
m,p-xylene	5*	2	U		U	U																		
trichloroethene (TCE)	5*	1	U		U	U																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**0**		**1.17**	**1.76**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	U	U	U	U																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	U																		
barium	1,000	50	3.3 F♦	3.2 F	4.0 F♦	5.1 F																		
berylium	3	4	U	U	U	U																		
boron	1,000	110	U	U	12	NA																		
cadmium	5	5	U	U	U	U																		
calcium	--	1,100	67,000♦	68,000	62,000 ♦	74,000♦																		
chromium	50	10	U	4.6 F♦	8.2 F	7.4 F																		
cobalt	--	60	U	U	U	U																		
copper	200	10	U	U	U	U																		
iron	300	200	U	43 F♦	81 F♦	28 F																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	28,000	29,000	24,000 ♦	28,000																		
manganese	300	10	U	U	1.1 F♦	U																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	U	U	U	U																		
potassium	--	1,000	920 F♦	940 F	840 F	1,200																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	19,000♦	18,000	11,000	14,000																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	12 F	U	5.3 F	5.6 F♦																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	230		220	250																		
ammonia	2	0.2	U		U	U																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	0.051 F		0.036 F	UM																		
COD	--	5	9.0 F		59 J	5.6 F																		
chloride	250	1	38		14	20♦																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		0	U																		
hardness, Total	--	1	360♦		0.010 F	300																		
nitrate	10	1	1.7		1.2	1.9																		
TKN	1	0.2	U		0.38 JB♦	0.24 B♦																		
sulfate	250	1	28		23	26																		
TDS	500	10	340		270	340♦																		
TOC	--	1	0.89 F		0.81 F	1.1 B																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	46.1 F	**4,120**	U	669	U	610	180 F	580	U	470	U	62 F	U	230	U	300	U	260	U	110 F	U	200	U	110 F	53 F	180 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	11 F	26.4 F	8.59 F	12.1 F	7.7 F	10 F	12 F	13 F	14 F	15 F	13 F	13 F	14 F	15 F	11 F	1.2 F	9.0 F	12 F	9.7 F	10 F	11 F	12 F	11 F	11 F	10 F	11 F
berylium	3	4	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	16.6	17.4	NA	NA	NA	NA	NA	NA	13	12	NA	NA	NA	NA	9.1 F	9.6 F	8.5 F	8.8 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	0.92 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.2 F	U	U	U	U
calcium	--	1,100	63,700	66,900	57,800	59,800	58,000	58,000	78,000	75,000	94,000	93,000	93,000	92,000	94,000	98,000	76,000	78,000	66,000	64,000	66,000	67,000	75,000	76,000	71,000	73,000	66,000	66,000
chromium	50	10	U	6.8 F	U	6.43 F	3.0 F	4.4 F	4.0 F	1.9 F	3.8 F	4.0 F	2.6 F	2.9 F	3.9 F	U	U	1.5 F	U	U	3.3 F	3.9 F	3.0 F	3.7 F	U	U	U	6.3 F
cobalt	--	60	U	2.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	22.7	U	2.6 F	2.3 F	5.7 F	U	3.8 F	U	2.1 F	U	U	U	U	U	2.3 F	U	U	U	U	U	U	U	U	U	U
iron	300	200	U	**4,600**	U	**678**	8.7 F	**690**	160 F	**690**	U	**520**	U	75 F	U	240	U	290	28 F	260	U	63 F	U	160 F	U	130 F	U	130 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	13,900	15,400	13,500	13,800	13,000	14,000	17,000	17,000	21,000	20,000	21,000	21,000	21,000	22,000	18,000	18,000	15,000	15,000	15,000	15,000	17,000	17,000	17,000	17,000	15,000	15,000
manganese	300	10	1.3 F	211	U	36.9	U	34	10	52	U	25	U	3.3 F	U	11.0	U	11	U	12	U	3.1 F	U	5.5 F	U	4.9 F	U	4.2 F
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	6.1 F	U	2.61 F	1.6 F	2.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.8 F
potassium	--	1,000	772 F	1,920	491 F	870 F	620 F	770 F	780 F	770 F	800 F	890 F	760 F	770 F	840 F	780 F	640 F	760 F	570 F	630 F	640 F	680 F	630 F	660 F	580 F	640 F	590 F	660 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	3.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,820 J	2,010 J	2,610	2,250	2,300	2,000	3,100	2,800	3,100	2,800	3,200	3,000	3,700	3,600	3,200	3,300	2,800 B	2,700 B	2,300 B	2,300 B	2,200	2,200	2,200 B	2,300 B	2,100	2,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	7 F	U	0.95 F	U	1.5 F	U	0.92 F	U	0.83 F	U	U	U	0.71 F	U	0.75 F	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	3.8 F	21.9	27.6 B	22.5 B	4.6 F	6.9 F	7.7 F	6.2 F	U	U	55 B	12 F	38 B	68 B	12 F	11 F	11 F	13 F	12 F	12 F	69 B	57 B	U	U	U	U
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		0.00092 F		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**LF6VM2348NA**		**LF6VM2348OA**	**LF6VM2348PA**																		
Depth to Water (ft)			**16.51**		**16.07**	**17.40**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U	U																		
1,1-dichloroethene	5*	1	U		U	U																		
1,2-dichloroethane	0.6	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		1.42 F	2.07 FB																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
m,p-xylene	5*	2	U		U	U																		
trichloroethene (TCE)	5*	1	U		U	U																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**0**		**1.42**	**2.07**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	U	73 F	98 F	60 F																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	U																		
barium	1,000	50	8.4 F	9.0 F	12 F	11 F																		
berylium	3	4	U	U	U	U																		
boron	1,000	110	U	U	15	NA																		
cadmium	5	5	U	U	U	U																		
calcium	--	1,100	52,000	64,000	77,000	70,000																		
chromium	50	10	U	U	U	U																		
cobalt	--	60	U	U	U	U																		
copper	200	10	U	U	U	U																		
iron	300	200	U	44 F	120 F	81 F																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	13,000	14,000	16,000	14,000																		
manganese	300	10	U	1.1 F	4.4 F	3.3 F																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	U	U	U	U																		
potassium	--	1,000	470 F	570 F	550 F	700 F																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	1,800	1,900	1,900	1,500																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	U	U	6.2 F	8.3 F																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	190		220	210																		
ammonia	2	0.2	0.048 F		U	U																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	0.025 F		0.021 F	U																		
COD	--	5	U		U	U																		
chloride	250	1	0.79 F		0.55 F	0.82 F																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		0.0091 F	U																		
hardness, Total	--	1	210		260	230																		
nitrate	10	1	0.74		0.6	0.48 F																		
TKN	1	0.2	U		0.20 B	0.16 FB																		
sulfate	250	1	21		29	20																		
TDS	500	10	240		240	250																		
TOC	--	1	0.67 F		0.66 F	2.2 B																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	67.8 F	581	U	58.5 F	U	U	43 F	U	U	U	U	U	U	U	U	U	U	U	U	41 F	U	U	U	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	2.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	183	167	187	180	170	170	180	190	190	190	200	220	220	220	220	210	230	240	240	240	250	250	260	260	290	290
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	21.1	17.9	NA	NA	NA	NA	NA	NA	12	16	NA	NA	NA	NA	16	16	15	15	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	36,000	34,100	37,300	36,400	33,000	33,000	41,000	41,000	40,000	41,000	41,000	43,000	43,000	43,000	46,000	44,000	48,000	48,000	49,000	50,000	51,000	51,000	51,000	51,000	58,000♦	56,000
chromium	50	10	1 F	8 F	U	1.74 F	3.6 F	3.4 F	3.3 F	2.2 F	U	2.7 F	2.3 F	3.3 F	4.4 F	U	2.8 F	3.6 F	1.6 F	2.0 F	3.6 F	5.6 F	3.9 F	5.0 F	U	9.1 F	U	13
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	4.6 F	U	U	3.2 F	2.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	41 F	**807**	U	59 F	11 F	31 F	23 F	33 F	14 F	21 F	U	17 F	9.2 F	8.6 F	34 F	37 F	9.3 F	7.3 F	7.9 F	12 F	U	16 F	13 F	49 F	U	70 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	15,000	15,000	15,500	15,200	16,000	16,000	18,000	18,000	18,000	19,000	18,000	19,000	19,000	19,000	21,000	20,000	22,000	22,000	22,000	22,000	23,000	23,000	23,000	23,000	26,000♦	25,000
manganese	300	10	34.1	49	27.9	28.4	27	27	60	62	46	48	31	35	30	32	56	53	38	37	33	35	35	36	43	41	42♦	39
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	3.2 F	6.8 F	U	U	1.6 F	1.5 F	U	1.3 F	U	U	U	U	U	U	1.2 F	7.4 F	U	U	U	U	U	U	U	U	U	3.8 F♦
potassium	--	1,000	1,190	1,250	1,010	1,070	1,100	1,100	1,100	1,100	1,000	1,200	1,200	1,200	1,300	1,200	1,300	1,200	1,200	1,200	1,300	1,300	1,300	1,300	1,200	1,200	1,300	1,300
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	3.2 F	U	U	U	U	U	U	U	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**71,900**	**66,100**	**71,600**	**69,800**	**65,000**	**65,000**	**56,000**	**60,000**	56,000	58,000	65,000	69,000	71,000	71,000	64,000	62,000	64,000	65,000	69,000	70,000	72,000	72,000	65,000	65,000	72,000♦	69,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	5.9 F	6.3 F	16.7 F	24.3 B	7.2 F	5.7 F	U	U	U	U	12 F	56 B	47 B	53 B	11 F	12 F	11 F	12 F	10 F	12 F	44 B	79 B	U	U	U	U
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		0.0011 F		0.0019 F		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**LF6VM2449NA**		**LF6VM2449OA**	**LF6VM2449PA**																		
Depth to Water (ft)			**12.68**		**12.19**	**13.80**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U	U																		
1,1-dichloroethene	5*	1	U		U	U																		
1,2-dichloroethane	0.6	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		1.22 F	2.21 FB																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
m,p-xylene	5*	2	U		U	U																		
trichloroethene (TCE)	5*	1	U		U	U																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**0**		**1.22**	**2.21**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	U	U	U	U																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	U																		
barium	1,000	50	280	300	330	360																		
berylium	3	4	U	U	U	U																		
boron	1,000	110	U	U	19	NA																		
cadmium	5	5	U	U	U	U																		
calcium	--	1,100	56,000	59,000	65,000	71,000																		
chromium	50	10	U	U	7.6 F	U																		
cobalt	--	60	U	U	U	U																		
copper	200	10	U	U	U	U																		
iron	300	200	U	U	28 F	25 F																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	24,000	26,000	28,000	30,000																		
manganese	300	10	37	U	42	43																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	U	U	U	U																		
potassium	--	1,000	1,200	1,400	1,500	1,600																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	**70,000**	**75,000**	**76,000**	**82,000**																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	U	U	47 F	U																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	120		130	130																		
ammonia	2	0.2	0.093		0.065	0.073																		
BOD5	--	2.4	U		8.5	3.8 J																		
bromide	2	0.5	0.58		0.7	U																		
COD	--	5	6.7 F		U	5.6 FB																		
chloride	250	1	180		210	240																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		0.0090 F	U																		
hardness, Total	--	1	250		280	300																		
nitrate	10	1	U		U	U																		
TKN	1	0.2	0.95		0.54 B	0.24 B																		
sulfate	250	1	24		18	16																		
TDS	500	10	**530**		**510**	**620**																		
TOC	--	1	0.67 F		U	0.85 F																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	46.1 F	1,770	U	315	U	69 F	61 F	U	U	U	U	U	U	44 F	U	U	U	U	45 F	66 F	U	U	U	79 F	U	65 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	87.2	92.6	89.6	91.4	88	89	100	110	100	100	98	100	97	100	100	100	100	99	110	110	100	110	96	98	110	110
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	81.4	74.1	NA	NA	NA	NA	NA	NA	62	62	NA	NA	NA	NA	50	51	50	48	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	145,000	145,000	140,000	142,000	140,000	140,000	140,000	150,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	150,000	150,000	160,000	170,000	150,000	160,000	170,000	180,000
chromium	50	10	U	26.1	U	11	4.4 F	9.2 F	4.8 F	2.2 F	2.2 F	2.6 F	2.0 F	3.3 F	4.0 F	U	U	U	3.2 F	2.9 F	3.0 F	3.8 F	3.7 F	4.2 F	U	3.2 F	U	4.4 F
cobalt	--	60	0.8 F	1.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	2.2 F	17.4	U	6.01 F	3.3 F	6.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	4.0 F	U	U
iron	300	200	U	**3,030**	25.1 F	**603**	33 F	240	23 F	76 F	17 F	42 F	68	53 F	24 F	61 F	20 F	38 F	3.9 F	23 F	28 F	54 F	30 F	66 F	22 F	140 F	31 F	86 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	15,500	16,400	15,300	15,600	15,000	15,000	16,000	16,000	15,000	16,000	15,000	16,000	15,000	16,000	16,000	16,000	16,000	16,000	17,000	17,000	17,000	18,000	16,000	16,000	18,000	18,000
manganese	300	10	**3,520**	**3,660**	**3,590**	**3,610**	**3,600**	**3,600**	**3,600**	**3,800**	**3,600**	**3,700**	**3,700**	**3,700**	**3,600**	**3,900**	**3,800**	**3,800**	**3,700**	**3,700**	**4,200**	**4,200**	**4,500**	**4,700**	**4,300**	**4,400**	**4,800**	**5,000**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	7.6 F	26.8	2.67 F	9.07 F	3.9 F	6.5 F	3.5 F	3.5 F	3.0 F	3.4 F	2.9 F	4.0 F	3.0 F	3.4 F	2.7 F	2.9 F	2.5 F	3.5 F	3.4 F	3.5 F	3.3 F	3.6 F	3.4 F	4.1 F	3.3 F	4.2 F
potassium	--	1,000	4,220	4,380	3,770	3,880	4,000	3,900	4,300	4,500	4,400	4,500	4,200	4,300	4,200	4,500	4,300	4,400	4,100	4,200	3,900	3,900	3,900	3,900	3,600	3,600	3,700	3,600
selenium	10	30	U	U	U	U	U	U	U	3.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	2.8 F	U	U	U	U	U	U	1.6 F	1.4 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	17,200	15,000	16,100	16,200	16,000	15,000	16,000	17,000	15,000	15,000	15,000	15,000	15,000	16,000	15,000	15,000	10,000	9,800	11,000	11,000	11,000	11,000	9,800	9,600	8,800	8,400
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	4.7 F	U	1.34 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	9.7 F	18.8 F	28.6 B	24.7 B	5.5 F	8.3 F	U	U	U	U	38 B	13 F	31 B	51 B	12 F	12 F	11 F	15 F	16 F	13 F	68 B	47 B	U	U	U	6.3 F
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	U		NA		NA		NA		U		NA		NA		0.016 F		NA		NA		NA		NA		NA	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**LF6VM2544NA**		**LF6VM2544OA**	**LF6VM2544PA**																		
Depth to Water (ft)			**3.84**		**3.09**	**4.48**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U	U																		
1,1-dichloroethene	5*	1	U		U	U																		
1,2-dichloroethane	0.6	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		U	1.06 FB																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
m,p-xylene	5*	2	U		U	U																		
trichloroethene (TCE)	5*	1	U		U	U																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**0**		**0**	**1.06**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	U	67 F	U	U																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	U																		
barium	1,000	50	100	100	89	71																		
berylium	3	4	U	U	U	U																		
boron	1,000	110	U	U	39	NA																		
cadmium	5	5	U	U	U	U																		
calcium	--	1,100	190,000	180,000	180,000	150,000																		
chromium	50	10	U	U	U	U																		
cobalt	--	60	U	U	U	U																		
copper	200	10	U	U	25	U																		
iron	300	200	31 F	93 F	66 F	31 F																		
lead	25	25	U	U	U	U																		
magnesium	35,000	1,000	18,000	17,000	18,000	15,000																		
manganese	300	10	**5,100**	**5,100**	**5,000**	**3,900**																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	4.0 F	4.2 F	2.9 F	2.9 F																		
potassium	--	1,000	3,600	3,500	3,700	3,600																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	9,100	8,700	11,000	13,000																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	U	U	19 F	5.5 F																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	350		390	330																		
ammonia	2	0.2	1.5		1.3	1.0																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	0.14 F		U	U																		
COD	--	5	14		15	U																		
chloride	250	1	23		19	21																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		0.0084 F	U																		
hardness, Total	--	1	530		520	440																		
nitrate	10	1	0.043 F		0.052 F	U																		
TKN	1	0.2	**1.4**		**1.5**	**1.2**																		
sulfate	250	1	150		160	110																		
TDS	500	10	**640**		**590**	500																		
TOC	--	1	3.1		2.9	3.4 B																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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-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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	42.4 F	**3,210**	U	153 F	U	U	49 F	U	U	U	U	71 F	U	45 F	U	U	U	55 F	44 F	48 F	83 F	U	U	390	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.0 F♦	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	131	182	153	150	140	140	140	140	150	150	150	150	150	140	180	190	190	200♦	170	160	170	170	150	150	160	160
beryllium	3	4	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	74.5	75.8	NA	NA	NA	NA	NA	NA	65	64	NA	NA	NA	NA	67	71♦	71♦	74♦	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	64,500	74,600	66,700	65,800	66,000	66,000	65,000	65,000	68,000	68,000♦	68,000	69,000	69,000	66,000♦	87,000	91,000♦	89,000♦	90,000♦	77,000	74,000	76,000	76,000	66,000	68,000	72,000	70,000
chromium	50	10	U	10.3	1.7 F	4.87 F	4.4 F	4.8 F	5.4 F	2.7 F	3.6 F	5.0 F♦	4.3 F	5.1 F	6.0 F♦	7.0 F	5.2 F	6.2 F♦	4.9 F♦	5.7 F	5.6 F	6.1 F	6.1 F	5.6 F	3.4 F	5.6 F	3.4 F	U
cobalt	--	60	U	1.4 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	4 F	U	U	U	2.0 F	U	U	U	U	U	U	U	U	U	4.1 F♦	U	2.6 F	U	U	U	U	U	4.2 F	U	U
iron	300	200	U	**3,260**	276	**504**	280	**320**	**320**	**310**	**330**	**300**	280	**3,900**	290	**320**	**400**	**470♦**	**420♦**	**590**	270	240	**330**	**330**	210	**820**	270	250
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	**36,700**	**40,200**	**39,600**	**39,500**	**39,000**	**39,000**	**37,000**	**38,000**	**38,000**	**40,000♦**	**39,000**	**40,000**	**40,000**	**39,000♦**	**51,000**	**53,000♦**	**52,000♦**	**53,000♦**	**44,000**	**43,000**	**44,000**	**45,000**	**39,000**	**40,000**	**41,000**	**41,000**
manganese	300	10	107	182	104	102	100	100	110	110	110	110	110	100	110	100♦	140	150	150	150	120	99	130	130	110	120	130	120
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	0.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	2.1 F	11.3 F	U	1.84 F	U	U	U	U	U	U	U	1.8 F	U	2.1 F	U	U	U	1.6 F	2.4 F	3.3 F	U	U	U	3.0 F	U	U
potassium	--	1,000	1,360	2,620	1,350	1,430	1,400	1,400	1,500	1,400	1,500	1,600♦	1,500	1,500	1,600	1600♦	1,700	1800♦	1,700♦	1,700♦	1,600	1,600	1,600	1,700	1,400	1,600	1,500	1,400
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.9 F	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	17,500	20,000	**20,200**	19,800	20,000	20,000	20,000	19,000	20,000	20,000	**22,000**	**22,000**	**23,000**	**23,000♦**	**25,000**	**26,000**	**27,000♦**	**27,000♦**	**29,000**	**28,000**	**35,000**	**35,000**	**29,000**	**29,000**	**30,000**	**28,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	5.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	4.2 F	7.4 F	11.8 F	35.8 B	10 F	4.4 F	U	U	U	U	25 B	50 B	31 B	26 B	13 F♦	13 F♦	15 F	11 F	11 F	12 F	74 B	63 B	U	U	U	U
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		0.0092 F		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**															
Sample ID No.			**LF6VM2650NA**		**LF6VM2650OA**		**LF6VM2650PA**															
Depth to Water (ft)			**5.57**		**5.00**		**6.22**															
VOCs (µg/L)																						
1,1,1-trichloroethane	5*	1	U		U		U															
1,1-dichloroethene	5*	1	U		U		U															
1,2-dichloroethane	0.6	1	U		U		U															
1,4-dichlorobenzene	3	0.5	U		U		U															
acetone	50	10	U		U		5.35															
benzene	1	0.1	U		U		U															
carbon disulfide	1,000	0.5	U		U		U															
chloroform	7	0.3	U		U		U															
chloromethane	5*	1	U		U		U															
cis-1,2-dichloroethene	5*	1	**100**		**80. 4♦**		**82**															
dichlorodifluoromethane	5*	1	U		U		U															
hexachlorobutadiene	0.5*	0.6	U		U		U															
methylene chloride	5*	1	U		U		U															
m,p-xylene	5*	2	U		U		U															
trichloroethene (TCE)	5*	1	U		U		U															
toluene	5*	1	U		U		U															
trans-1,2-dichloroethene	5*	1	0.550 F		U		U															
trichlorofluoromethane	5*	1	U		U		U															
vinyl chloride	2	1	U		U		U															
xylenes, Total	--	1.5	U		U		U															
Total VOCs (µg/L)			**100.55**		**80.4**		**87.35**															
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	U	U		U															
antimony	3	50	U	U	U		U															
arsenic	25	30	U	U	U		U															
barium	1,000	50	160	160	160		170															
beryllium	3	4	U	U	U		U															
boron	1,000	110	U	U	68		NA															
cadmium	5	5	U	U	U		U															
calcium	--	1,100	71,000	72,000	72,000		75,000															
chromium	50	10	U	U	U		U															
cobalt	--	60	U	U	U		U															
copper	200	10	U	U	U		U															
iron	300	200	170	170	180		120 F															
lead	25	25	U	U	U		U															
magnesium	35,000	1,000	**42,000**	**43,000**	**46,000**		**51,000**															
manganese	300	10	120	110	120		130															
mercury	0.7	1	U	U	U		U															
molybdenum	--	15	U	U	U		U															
nickel	100	20	U	U	U		2.4 F															
potassium	--	1,000	1,400	1,500	1,600		1,700															
selenium	10	30	U	U	U		U															
silver	50	10	U	U	U		U															
sodium	20,000	1,000	**27,000**	**26,000**	**28,000**		**28,000**															
thallium	0.5	80	U	U	U		U															
vanadium	--	10	U	U	U		U															
zinc	2,000	20	6.2 F	U	7.7 F♦		9.1 F															
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	210		200		220															
ammonia	2	0.2	U		U		U															
BOD5	--	2.4	U		U		24 J															
bromide	2	0.5	0.083 F		U		U															
COD	--	5	6.7 F		U		23															
chloride	250	1	100		140 ♦		140															
color	15	5	NA		U		NA															
cyanide, Total	200	0.02	NA		NA		U															
hardness, Total	--	1	360		370		400															
nitrate	10	1	0.044 F		0.060 F		U															
TKN	1	0.2	U		0.28 B ♦		U															
sulfate	250	1	53		49		51															
TDS	500	10	430		490♦		440															
TOC	--	1	0.60 F		0.66 F		1.0															
phenolics, Total	--	0.005	U		U		U															

Landfill 6 AOC
Groundwater Analytical 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-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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	38.8 F	36.6 F	U	U	U	U	44 F	U	U	46 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	1.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	21.8 F	20.8 F	28.8 F	28.6 F	19 F	15 F	16 F	16 F	22 F	20 F	22 F	20 F	20 F	16 F	18 F	18 F	22 F	19 F	20 F	20 F	15 F	15 F	15 F	12 F	20 F	19 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	187	183	NA	NA	NA	NA	NA	NA	190	190	NA	NA	NA	NA	180	180	200	180	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	173,000	174,000	180,000	176,000	170,000	160,000	170,000	170,000	180,000	180,000	170,000	180,000	170,000	170,000	170,000	170,000	190,000	170,000	160,000	170,000	160,000	160,000	150,000	140,000	170,000	160,000
chromium	50	10	U	U	2.68 F	3.04 F	5.1 F	4.3 F	4.8 F	2.7 F	3.5 F	7.7 F	4.2 F	12.0	6.0 F	2.8 F	1.8 F	2.3 F	4.9 F	4.0 F	3.7 F	6.2 F	4.4 F	6.0 F	3.3 F	17	U	3.5 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	U	U	U	2.8 F	2.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	U	85.2 F	**654 J**	**329 J**	32 F	14 F	16 F	27 F	21 F	18 F	300	200 J	11 F	12 F	15 F	17 F	46 F	26 F	150 F	180	U	14 F	U	U	25 F	22 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	**35,300**	**36,500**	**37,000**	**36,000**	**36,000**	**36,000**	**36,000**	**36,000**	35,000	**36,000**	35,000	**36,000**	34,000	**36,000**	35,000	35,000	**37,000**	34,000	32,000	34,000	34,000	34,000	31,000	32,000	32,000	31,000
manganese	300	10	**1,690**	**1,730**	**2,420**	**2,440**	**810 J**	13 J	**500**	**480**	**1,800**	**1,500**	**2,100**	**1,600 J**	**910 J**	6.3 F	**380**	**320**	**2,000**	**1,900**	**2,000**	**2,000**	6.3 F	9.7 F	49	3.8 F	**2,400**	**2,200**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	2.4 F	3.2 F	2.8 F	3.33 F	3.0 F	1.7 F	2.0 F	1.7 F	2.9 F	2.1 F	3.8 F	2.9 F	2.0 F	U	U	1.3 F	3.0 F	2.3 F	2.8 F	2.9 F	U	U	U	U	2.8 F	2.6 F
potassium	--	1,000	10,100	10,100	10,200	9,810	10,000	10,000	9,800	10,000	9,700	10,000	9,600	10,000	10,000	11,000	10,000	10,000	10,000	9,200	9,200	9,500	9,500	9,700	9,100	9,100	9,100	8,900
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	2.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**67,900**	**67,800**	**67,900**	**65,800**	**63,000**	**64,000**	**65,000**	**66,000**	**64,000**	**66,000**	**65,000**	**67,000**	**67,000**	**70,000**	**68,000**	**69,000**	**69,000**	**63,000**	**63,000**	**64,000**	**65,000**	**66,000**	**62,000**	**63,000**	**60,000**	**58,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	0.67 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	4.4 F	7.6 F	24.6 B	21.3 F	8.9 F	9.4 F	7.9 F	7.9 F	10 F	19 F	56 B	41 B	47 B	38 B	13 F	11 F	11 F	12 F	15 F	14 F	61 B	66 B	U	U	U	4.4 F
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																
Sample ID No.			**TMCM0919NA**		**TMCM0919OA**	**TMCM0919PA**																
Depth to Water (ft)			**3.26**		**2.45**	**3.88**																
VOCs (µg/L)																						
1,1,1-trichloroethane	5*	1	U		U	U																
1,1-dichloroethene	5*	1	U		U	U																
1,2-dichloroethane	0.6	1	U		U	U																
1,4-dichlorobenzene	3	0.5	U		U	U																
acetone	50	10	U		U	1.53 FB																
benzene	1	0.1	U		U	U																
carbon disulfide	1,000	0.5	U		U	U																
chloroform	7	0.3	U		U	U																
chloromethane	5*	1	U		U	U																
cis-1,2-dichloroethene	5*	1	0.110 F		U	0.120 F																
dichlorodifluoromethane	5*	1	U		U	U																
hexachlorobutadiene	0.5*	0.6	U		U	U																
methylene chloride	5*	1	U		U	U																
m,p-xylene	5*	2	U		U	U																
trichloroethene (TCE)	5*	1	U		U	U																
toluene	5*	1	U		U	U																
trans-1,2-dichloroethene	5*	1	U		U	U																
trichlorofluoromethane	5*	1	U		U	U																
vinyl chloride	2	1	U		U	U																
xylenes, Total	--	1.5	U		U	U																
Total VOCs (µg/L)			**0.11**		**0**	**1.65**																
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	U	U	U																
antimony	3	50	U	U	U	U																
arsenic	25	30	U	U	U	U																
barium	1,000	50	23 F	23 F	15 F	22 F																
berylium	3	4	U	U	U	U																
boron	1,000	110	U	U	170	NA																
cadmium	5	5	U	U	U	U																
calcium	--	1,100	160,000	160,000	150,000	150,000																
chromium	50	10	U	U	4.4 F	U																
cobalt	--	60	U	U	U	U																
copper	200	10	U	U	U	U																
iron	300	200	**2,000**	**2,000**	11 F	U																
lead	25	25	U	U	U	U																
magnesium	35,000	1,000	30,000	32,000	31,000	30,000																
manganese	300	10	**2,300**	**2,300**	95	**2,100**																
mercury	0.7	1	U	U	U	U																
molybdenum	--	15	U	U	U	U																
nickel	100	20	2.6 F	2.9 F	U	27 F																
potassium	--	1,000	8,800	9,200	9,400	9,700																
selenium	10	30	U	U	U	U																
silver	50	10	U	U	U	U																
sodium	20,000	1,000	**57,000**	**59,000**	**55,000**	**55,000**																
thallium	0.5	80	U	U	U	U																
vanadium	--	10	U	U	U	U																
zinc	2,000	20	U	U	4.1 F	10 F																
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	480		460	500																
ammonia	2	0.2	1.3		U	1.4																
BOD5	--	2.4	U		U	U																
bromide	2	0.5	0.097 F		0.1 F	U																
COD	--	5	16		12	12																
chloride	250	1	72		70	70																
color	15	5	NA		U	NA																
cyanide, Total	200	0.02	NA		0.012 F	U																
hardness, Total	--	1	580		490	510																
nitrate	10	1	0.21		1.1	U																
TKN	1	0.2	**1.3**		U	**1.5**																
sulfate	250	1	66		63	59																
TDS	500	10	**710**		**630**	**620**																
TOC	--	1	3.3		2.9	3.8																
phenolics, Total	--	0.005	U		U	U																

Landfill 6 AOC
Groundwater Analytical 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-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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	45.4 F	**3,470**	51.4 F	**5,820**	U	**17,000**	42 F	**16,000**	U	**4,500**	U	**7,900**	U	**4,900**	U	**4,300**	**2,200**	**4,600**	880	**4,100**	U	**9,400**	U	**19,000**	U	**5,100**
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.7 F	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	6.5 F	U	4.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	6.3 F	U	U	U
barium	1,000	50	166	233	215	280	210	420	220	410	190	250	200	280	190	250	200	250	220	260	210	240	220	310	220	440	230	270
beryllium	3	4	U	0.3 F	U	U	U	0.96 F	U	0.91 F	U	U	U	0.30 F	U	U	U	0.17 F	U	0.20 F	U	0.23 F	U	0.29 F	U	0.81 F	U	U
boron	1,000	110	20.7	17.2	NA	NA	NA	NA	NA	NA	9.9 F	17	NA	NA	NA	NA	15.0	1.9	15.0	18.0	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	0.9 F	U	0.44 F	0.62 F	1.9 F	U	1.0 F	U	U	U	U	1.7 F	**11.0**	U	4.1 F	1.5 F	4.9 F	0.56 F	2.7 F	U	5.4	1.3 F	**7.0**	U	2.5 F
calcium	--	1,100	32,700	40,300	38,200	43,700	36,000	67,000	37,000	67,000	35,000	44,000	38,000	47,000	36,000	41,000	39,000	43,000	42,000	45,000	39,000	42,000	38,000	48,000	39,000	70,000	39,000	42,000
chromium	50	10	0.5 F	2.9 F	1.5 F	7.41 F	2.8 F	23	2.9 F	25	U	8.4 F	2.5 F	11	3.8 F	5.5 F	2.8 F	8.2 F	4.2 F	8.0 F	4.1 F	9.1 F	3.8 F	14	U	24	U	6.4 F
cobalt	--	60	U	1.5 F	U	U	U	9.2 F	U	11 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	9.4 F	U	U
copper	200	10	U	U	U	10.3	3.1 F	36	U	32	U	7.3 F	U	12	U	8.5 F	U	6.7 F	3.0 F	8.6 F	U	6.2 F	U	16	U	39	U	7.1 F
iron	300	200	U	**3,240**	6.13 F	**8,650**	18 F	**29,000**	28 F	**27,000**	32 F	**6,300**	28	**11,000**	41 F	**6,000**	19 F	**5,500**	**2,800**	**6,400**	**1,100**	**5,600**	50 F	**13,000**	U	**31,000**	55 F	**5,300**
lead	25	25	U	U	U	U	U	8.2 F	U	7.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	9.2 F	U	U
magnesium	35,000	1,000	15,600	18,200	17,800	21,100	18,000	29,000	17,000	29,000	17,000	21,000	18,000	22,000	17,000	20,000	19,000	21,000	20,000	22,000	19,000	21,000	19,000	23,000	19,000 F	32,000	19,000	21,000
manganese	300	10	37.8	107	U	208	17	**770**	20	**720**	19	190	13.0	260	20	150	14	140	89	190	41	150	44	**320**	7.1 F	**840**	31	130
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	15 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	3.5 F	1.22 F	8.46 F	2.1 F	24	U	U	U	5.2 F	1.5 F	11 F	U	6.0 F	U	5.8 F	2.3 F	5.3 F	1.9 F	6.0 F	U	11 F	U	28	U	5.4 F
potassium	--	1,000	667 F	1,910	741 F	2,430	780 F	5,400	750 F	5,600	630 F	2,200	730 F	3,200	820 F	2,400	740 F	2,200	1,300	2,100	1,000	2,100	750 F	3,800	710 F	5,400	670 F	2,400
selenium	10	30	U	U	U	U	U	2.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	13,600	16,000	16,200	16,700	16,000	17,000	16,000	17,000	16,000	17,000	16,000	17,000	15,000	16,000	16,000	17,000	16,000	17,000	16,000	15,000	15,000	16,000	16,000	16,000	16,000	16,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	5.8 F	U	9.71 F	0.97 F	28	U	27	U	7.0 F	U	13	U	8.1 F	U	6.9 F	3.8 F	7.9 F	1.6 F	6.8 F	U	16	U	32	U	8.6 F
zinc	2,000	20	4.2 F	11.4 F	17.6 F	56.6 B	8.5 F	84	8.4 F	72	U	24	18 F	56 B	31 B	76 B	11 F	27 B	20	34	17 F	27 B	63 B	91 B	U	87	U	18 F
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

Landfill 6 AOC
Groundwater Analytical 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**																		
Sample ID No.			**TMCUM0227NA**		**TMCUM0227OA**	**TMCUM0227PA**																		
Depth to Water (ft)			**5.06**		**4.12**	**5.79**																		
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U		U	U																		
1,1-dichloroethene	5*	1	U		U	U																		
1,2-dichloroethane	0.6	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	U		U	2.15 FB																		
benzene	1	0.1	U		U	U																		
carbon disulfide	1,000	0.5	U		U	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	5*	1	U		U	U																		
cis-1,2-dichloroethene	5*	1	U		U	U																		
dichlorodifluoromethane	5*	1	U		U	U																		
hexachlorobutadiene	0.5*	0.6	U		U	U																		
methylene chloride	5*	1	U		U	U																		
m,p-xylene	5*	2	U		U	U																		
trichloroethene (TCE)	5*	1	U		U	U																		
toluene	5*	1	U		U	U																		
trans-1,2-dichloroethene	5*	1	U		U	U																		
trichlorofluoromethane	5*	1	U		U	U																		
vinyl chloride	2	1	U		U	U																		
xylenes, Total	--	1.5	U		U	U																		
Total VOCs (µg/L)			**0**		**0**	**2.15**																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	200 B	**6,200**	**5,100**	**20,000**																		
antimony	3	50	U	U	U	U																		
arsenic	25	30	U	U	U	6.2 F																		
barium	1,000	50	210	280	260	440																		
beryllium	3	4	U	U	U	0.82 F																		
boron	1,000	110	U	U	20 B	NA																		
cadmium	5	5	U	4.1 F	4.1 F	**26**																		
calcium	--	1,100	39,000	46,000	42,000	78,000																		
chromium	50	10	U	7.4 F	4.1 F	34																		
cobalt	--	60	U	U	U	11 F																		
copper	200	10	U	13	7.3 F	50																		
iron	300	200	300	**9,100**	**5,300**	**31,000**																		
lead	25	25	U	U	U	9.6 F																		
magnesium	35,000	1,000	19,000	22,000	21,000	35,000																		
manganese	300	10	24	230	130	**1,000**																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	U	8.9 F	4.2 F	33																		
potassium	--	1,000	850 F	2,500	2,600	7,800																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	20,000	1,000	15,000	16,000	15,000	17,000																		
thallium	0.5	80	U	U	U	U																		
vanadium	--	10	U	11	8.7 F	33																		
zinc	2,000	20	6.2 F	32	22	120																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	150		160	200																		
ammonia	2	0.2	0.063		U	0.082																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	0.036 F		U	U																		
COD	--	5	34		14	47																		
chloride	250	1	24		25	29																		
color	15	5	NA		U	NA																		
cyanide, Total	200	0.02	NA		NA	U																		
hardness, Total	--	1	210		190	340																		
nitrate	10	1	0.1		0.092 F	U																		
TKN	1	0.2	U		0.20 B	0.61 B																		
sulfate	250	1	31		32	32																		
TDS	500	10	260		230	260																		
TOC	--	1	0.52 F		U	1.9 B																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC
Groundwater Analytical 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**
Metals (µg/L) [Dissolved / Total][1]																											
aluminum	2,000	200	U	60 F	46 F	**4,300**	U	U	U	**2,100**	U	**7,000**	U	290	U	**14,000**	U	**3,000**	69 F	**4,300**	U	**4,100**	U	U	64 F	1,400	57 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	2.7 F	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	7.2 F	U	U	U	U	U	7.5 F	U	U	U	U	U	14 F	13 F	22 F	18 F	**31**	U
barium	1,000	50	9.9 F	9.6 F	9.6 F	26 F	19 F	18 F	13 F	28 F	370	490	14 F	16 F	360	780	380	400	330	400	23 F	44 F	23 F	24 F	31 F	37 F	20 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	0.36 F	U	U	U	0.81 F	U	0.12 F	U	U	U	0.21 F	U	U	U	U	U
boron	1,000	110	NA	U	NA	NA	8.8 F	12.0	NA	NA	NA	NA	9.9 F	10	41	54	NA	NA	NA	NA	NA	NA	U	U	U	U	12 B
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	0.63 F	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	55,000	53,000	40,000	42,000	58,000	61,000	59,000	63,000	45,000	57,000	44,000	47,000	48,000	90,000	50,000	53,000	48,000	57,000	44,000	48,000	59,000	63,000	63,000	68,000	52,000
chromium	50	10	4.9 F	3.7 F	2.0 F	7.9 F	U	2.8 F	1.8 F	3.6 F	4.2 F	14	1.8 F	2.5 F	2.5 F	22	5.0 F	8.7 F	5.0 F	9.1 F	U	6.6 F	U	U	4.5 F	U	U
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	2.4 F	3.0 F	U	17	U	U	U	8.8 F	U	15	U	U	U	45	U	7.2 F	U	11	U	18	U	U	U	6.1 F	U
iron	300	200	230	**720**	7.2 F	**6,700**	140 F	**1,400**	53 F	**5,300**	U	**10,000**	57 F	**3,000**	14 F	**25,000**	**340**	**4,500**	100 F	**7,000**	27 F	**11,000**	**1,900**	**3,800**	**3,200**	**8,200**	**980**
lead	25	25	U	U	U	U	U	U	U	U	U	4.2 F	U	U	U	22 F	U	U	U	U	U	7.9 F	U	U	U	U	U
magnesium	35,000	1,000	15,000	15,000	10,000	12,000	11,000	12,000	11,000	12,000	28,000	34,000	10,000	11,000	31,000	**43,000**	30,000	32,000	30,000	33,000	12,000	13,000	15,000	15,000	16,000	16,000	14,000
manganese	300	10	**5,200**	**5,300**	**1,300**	**1,600**	**2,800**	**2,700**	**1,700**	**2,100**	110	**430**	**740**	**700**	120	**1,200**	**320**	300	240	**410**	**700**	**1,000**	**1,400**	**1,300**	**1,900**	**2,400**	**990**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	4.7 F	U	U	U	2.5 F	U	9.0 F	U	U	U	24	U	4.0 F	U	4.8 F	U	5.4 F	U	U	3.2 F	2.6 F	U
potassium	--	1,000	570 F	540 F	860 F	2,200	U	480 F	630 F	1,200	970 F	3,200	780 F	890	1,100	4,200	1,300	2,000	1,000	2,400	1,000	1,700	430 F	360 F	840 F	1,100	1,100
selenium	10	30	U	3.6 F	U	U	U	U	U	U	U	U	U	U	3.1 F	2.7 F	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,100	1,900	1,300	1,300	2300 B	2,400	2,000	2,100	**35,000**	**34,000**	1,300	1,300	**33,000**	**38,000**	**37,000**	**31,000**	**32,000**	**34,000**	2,000	1,800	4,200 J	3,300 J	4,100	3,800	4,600
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	8.6 F	U	U	U	5.1 F	U	16	U	1.0 F	U	45	U	7.7 F	U	9.7 F	U	9.3 F	U	U	U	3.7 F	U
zinc	2,000	20	7.7 F	6.8 F	U	21	U	U	18 F	47 B	48 B	59 B	10 F	17 F	12 F	170	12 F	34 B	65 B	75 B	U	42	U	U	U	21	10 F
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
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
phenolics, Total	--	0.005	U		U		U		U		U		0.0032 F		U		U		U		NA		NA		U		U

Landfill 6 AOC
Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6LH-1
Date of Collection			9/16/2010
Sample ID No.			LF6LH0101PA
Depth to Water (ft)			Leachate
VOCs (µg/L)			
1,1,1-trichloroethane	5*	1	U
1,1-dichloroethene	5*	1	U
1,2-dichloroethane	0.6	1	U
1,4-dichlorobenzene	3	0.5	U
acetone	50	10	3.09 FB
benzene	1	0.1	U
carbon disulfide	1,000	0.5	U
chloroform	7	0.3	U
chloromethane	5*	1	U
cis-1,2-dichloroethene	5*	1	U
dichlorodifluoromethane	5*	1	U
hexachlorobutadiene	0.5*	0.6	U
methylene chloride	5*	1	U
m,p-xylene	5*	2	U
trichloroethene (TCE)	5*	1	U
toluene	5*	1	1.08
trans-1,2-dichloroethene	5*	1	U
trichlorofluoromethane	5*	1	U
vinyl chloride	2	1	U
xylenes, Total	--	1.5	U
Total VOCs (µg/L)			**4.17**
Metals (µg/L) [Dissolved / Total][1]			
aluminum	2,000	200	**9,900**
antimony	3	50	U
arsenic	25	30	**89**
barium	1,000	50	120
beryllium	3	4	0.49 F
boron	1,000	110	NA
cadmium	5	5	U
calcium	--	1,100	53,000
chromium	50	10	12
cobalt	--	60	U
copper	200	10	44
iron	300	200	**38,000**
lead	25	25	16 F
magnesium	35,000	1,000	21,000
manganese	300	10	**3,200**
mercury	0.7	1	U
molybdenum	--	15	U
nickel	100	20	12 F
potassium	--	1,000	3,800
selenium	10	30	U
silver	50	10	U
sodium	20,000	1,000	3,600
thallium	0.5	80	U
vanadium	--	10	21
zinc	2,000	20	95
Leachate Indicators (mg/L)			
alkalinity, Total	--	10	190
ammonia	2	0.2	0.6
BOD5	--	2.4	9.7 J
bromide	2	0.5	U
COD	--	5	130
chloride	250	1	6.0
color	15	5	NA
cyanide, Total	200	0.02	U
hardness, Total	--	1	220
nitrate	10	1	U
TKN	1	0.2	**3.2**
sulfate	250	1	10
TDS	500	10	190
TOC	--	1	11
phenolics, Total	--	0.005	U

Landfill 6 AOC
Groundwater Analytical 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**
Metals (µg/L) [Dissolved / Total][1]																											
aluminum	2,000	200	U	880	45 F	300	U	98 F	U	**2,200**	U	U	U	**4,500**	150 F	**2,200**	41 F	1,900	71 F	**25,000**	U	**2,200**	U	620	U	380	**4,300**
antimony	3	50	U	U	U	U	U	U	U	2.1 F	U	U	U	U	U	U	U	U	U	**3.7 F**	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	8.5 F	19 F	11 F	15 F	U	**30**	U	U	U	U	U	U	U
barium	1,000	50	370	370	400	400	340	390	400	440	16 F	13 F	350	480	54	120	34 F	44 F	28 F	200	320	390	390	410	410	430	440
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	0.24 F	U	0.12 F	U	U	U	1.3 F	U	U	U	U	U	U	U
boron	1,000	110	NA	NA	NA	NA	41	42	NA	NA	NA	NA	41	43	9.7 F	12	NA	NA	NA	NA	NA	NA	U	U	U	U	47
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.9 F	U	U	U	U	U	U	U
calcium	--	1,100	44,000	44,000	44,000	46,000	43,000	45,000	46,000	51,000	52,000	52,000	47,000	58,000	66,000	74,000	57,000	59,000	43,000	69,000	45,000	50,000	50,000	52,000	50,000	51,000	53,000
chromium	50	10	4.0 F	3.1 F	3.8 F	5.6 F	1.6 F	4.2 F	3.3 F	5.7 F	3.1 F	3.3 F	4.0 F	10	U	4.5 F	3.3 F	6.1 F	14	39	U	5.4 F	3.2 F	3.0 F	U	U	5.3 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	13	U	U	U	U	U	U	U
copper	200	10	U	3.0 F	U	U	U	U	U	4.2 F	3.0 F	U	U	13	2.0 F	13	U	11	U	120	U	4.8 F	U	U	U	U	6.4 F
iron	300	200	20 F	**1,300**	7.6 F	**660**	58 F	300	8.6 F	**3,300**	**2,500 J**	**1,800 J**	U	**8,500**	**2,900**	**11,000**	**4,000**	**8,900**	**600**	**50,000**	U	**3,700**	200	**1,200**	190 F	**750**	**5,000**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	5.1 F	U	6.7 F	U	5.3 F	U	**58**	U	U	U	U	U	U	U
magnesium	35,000	1,000	28,000	28,000	27,000	28,000	28,000	29,000	29,000	31,000	12,000	12,000	31,000	34,000	12,000	13,000	13,000	14,000	12,000	20,000	28,000	30,000	31,000	31,000	30,000	30,000	32,000
manganese	300	10	110	160	100	130	110	120	110	210	**2,400 J**	**1,500 J**	110	**420**	**850**	**1,000**	**1,500**	**1,900**	**1,400**	**3,800**	8.60	230	120	150	120	140	220
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
molybdenum	--	15	U	1.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	U	2.6 F	U	U	U	7.7 F	U	2.6 F	U	3.1 F	U	33	U	2.9 F	U	U	U	U	3.9 F
potassium	--	1,000	930 F	1,100	930 F	1,100	1,000	1,100	1,000	1,700	760 F	870 F	1,000	2,100	620 F	1,200	1,100	1,800	1,100	6,200	1,300	1,600	1,200	1,300	1,200	1,200	2,600
selenium	10	30	U	2.7 F	U	U	U	U	U	U	U	U	U	U	3.8 F	3.1 F	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**29,000**	**29,000**	**32,000**	**33,000**	**28,000**	**32,000**	**36,000**	**36,000**	1,600 J	1,200 J	**34,000**	**35,000**	5,100 B	6,000	2,400 B	2,600 B	3,100 B	2,900 B	**39,000**	**38,000**	**41,000**	**41,000**	**44,000**	**43,000**	**42,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	2.2 F	U	U	U	U	U	5.0 F	U	U	U	U	1.0 F	6.9 F	U	4.8 F	U	61	U	4.6 F	U	U	U	U	8.7 F
zinc	2,000	20	7.7 F	11 F	U	U	U	U	20 B	38 B	62 B	50 B	11 F	51 B	20	100	12 F	33 B	24 B	370 B	U	12 F	U	5.0 F	17 F	13 F	17 F
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
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
phenolics, Total	--	0.005	U		U		U		U		U		0.0018 F		U		U		U		NA		NA		U		U

Landfill 6 AOC
Groundwater Analytical Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6LH-2
Date of Collection			9/16/2010
Sample ID No.			LF6LH0201PA
Depth to Water (ft)			Leachate
VOCs (µg/L)			
1,1,1-trichloroethane	5*	1	U
1,1-dichloroethene	5*	1	U
1,2-dichloroethane	0.6	1	U
1,4-dichlorobenzene	3	0.5	U
acetone	50	10	1.99 FB
benzene	1	0.1	U
carbon disulfide	1,000	0.5	U
chloroform	7	0.3	U
chloromethane	5*	1	U
cis-1,2-dichloroethene	5*	1	U
dichlorodifluoromethane	5*	1	U
hexachlorobutadiene	0.5*	0.6	U
methylene chloride	5*	1	U
m,p-xylene	5*	2	U
trichloroethene (TCE)	5*	1	U
toluene	5*	1	U
trans-1,2-dichloroethene	5*	1	U
trichlorofluoromethane	5*	1	U
vinyl chloride	2	1	U
xylenes, Total	--	1.5	U
Total VOCs (µg/L)			**1.99**
Metals (µg/L) [Dissolved / Total][1]			
aluminum	2,000	200	1,100
antimony	3	50	U
arsenic	25	30	U
barium	1,000	50	510
berylium	3	4	U
boron	1,000	110	NA
cadmium	5	5	U
calcium	--	1,100	61,000
chromium	50	10	U
cobalt	--	60	U
copper	200	10	U
iron	300	200	**1,500**
lead	25	25	U
magnesium	35,000	1,000	35,000
manganese	300	10	190
mercury	0.7	1	U
molybdenum	--	15	U
nickel	100	20	U
potassium	--	1,000	1,800
selenium	10	30	U
silver	50	10	U
sodium	20,000	1,000	**48,000**
thallium	0.5	80	U
vanadium	--	10	U
zinc	2,000	20	7.6 F
Leachate Indicators (mg/L)			
alkalinity, Total	--	10	160
ammonia	2	0.2	0.051
BOD5	--	2.4	U
bromide	2	0.5	U
COD	--	5	9.0 F
chloride	250	1	120
color	15	5	NA
cyanide, Total	200	0.02	U
hardness, Total	--	1	300
nitrate	10	1	U
TKN	1	0.2	0.32 B
sulfate	250	1	39
TDS	500	10	360
TOC	--	1	1.0
phenolics, Total	--	0.005	U

Landfill 6 AOC

Surface Water Analytical 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		LF6SW0101IA		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 (µg/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	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	100	200	57.2 F	77.8 F	U	47.5 F	U	46 F	83 F	98 F	U	U	U	U	U	**160 F**	49 F	76 F	U	97 F	U	**120 F**	90 F	**1,600**	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	133	153	121	122	130	140	83	87	220	220	210	220	150	170	110	110	160	160	210	210	62	80	100	110	160	170
boron	1,000	110	36.2	31.4	NA	NA	NA	NA	NA	NA	23	25	NA	NA	NA	NA	20	20	16	16	NA	NA	NA	NA	NA	U	U	U
calcium	--	1,100	98,700	109,000	102,000	105,000	94,000	96,000	76,000	79,000	95,000	100,000	100,000	100,000	98,000	100,000	81,000	80,000	54,000	52,000	87,000	87,000	42,000	44,000	74,000	76,000	91,000	93,000
chromium	50	10	0.7 F	U	U	U	3.6 F	2.5 F	2.6 F	3.1 F	1.7 F	3.1 F	2.5 F	2.0 F	3.7 F	U	U	U	U	U	3.2 F	4.1 F	U	4.8 F	U	U	U	U
copper	200	10	U	U	U	U	2.2 F	3.3 F	U	U	U	U	U	U	U	2.8 F	2.5 F	2.6 F	U	U	U	U	U	13	U	U	U	U
iron	300	200	33.8 F	173 F	25 F	197 F	47 F	230	130 F	270	26 F	180 F	210	34 F	26 F	**660**	110	220	95 F	**370**	57 F	**520**	67 F	**2,400**	62 F	250	91 F	200
magnesium	35,000	1,000	19,200	20,500	18,200	18,600	19,000	19,000	12,000	13,000	22,000	24,000	24,000	25,000	20,000	20,000	15,000	14,000	13,000	12,000	20,000	20,000	6,000	6,400	15,000	16,000	20,000	20,000
manganese	300	10	8.7 F	172	186	196	290	**310**	170	190	210	230	260 J	210 J	**480**	**550**	140	140	150	160	**400**	**430**	100	260	110	120	59	63
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	2.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	2.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.1 F	U	U	U	U
potassium	--	1,000	1,680	1,860	2,080	2,150	2,000	U	1,800	1,800	1,800	1,900	1,900	2,000	2,100	2,100	1,900	1,800	1,000	1,000	1,900	2,000	1,300	1,700	2,000	1,800	1,600	1,600
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	88,600	99,900	93,400	95,000	74,000	75,000	74,000	76,000	86,000	89,000	88,000	91,000	110,000	110,000	81,000	80,000	39,000	37,000	72,000	71,000	86,000	94,000	77,000	77,000	85,000	86,000
vanadium	--	10	U	U	0.7 F	0.83 F	U	1.3 F	U	0.95 F	U	U	U	U	U	1.4 F	0.74 F	0.96 F	0.75 F	1.3 F	U	U	U	5.2 F	U	U	U	U
zinc	2,000	20	4.2 F	4.1 F	19.4 F	36.9 B	13 F	11 F	7.6 F	11 F	U	U	26 B	30 B	38 B	53 B	16 F	15 F	15 F	20	13 F	16 F	86 B	110 B	U	U	4.2 F	4.9 F
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		0.0041 F		U		U		NA		NA	

Landfill 6 AOC

Surface Water Analytical 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**														
Sample ID No.			**LF6SW0101NA**		**LF6SW0101OA**	**LF6SW0101PA**														
Depth to Water (ft)			**Surface Water**		**Surface Water**	**Surface Water**														
VOCs (µg/L)																				
1,2-dichlorobenzene	3	1	U		U	U														
1,4-dichlorobenzene	3	0.5	U		U	U														
acetone	50	10	3.1 F		2.17 F	1.97 FB														
benzene	1	0.1	U		0.160 F	U														
carbon disulfide	--	0.5	U		U	U														
chlorobenzene	5	0.5	U		0.400 F	U														
chloroform	7	0.3	U		U	U														
chloromethane	--	1	U		U	U														
cis-1,2-dichloroethene	5	1	U		U	U														
dichlorodifluoromethane	5**	1	U		U	U														
methylene chloride	5	1	U		U	U														
tetrachloroethene	0.7	1	U		U	U														
trichloroethene (TCE)	5	1	U		U	U														
trans-1,2-Dichloroethene	5	1	U		U	U														
vinyl chloride	0.3	1	U		U	U														
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	100	200	U	U	93 F	U														
arsenic	50	30	U	U	U	U														
barium	1,000	50	200	200	110	180														
boron	1,000	110	U	U	21 B	NA														
calcium	--	1,100	100,000	97,000	77,000	100,000														
chromium	50	10	U	U	U	U														
copper	200	10	U	U	U	U														
iron	300	200	43 F	210	**350**	260														
magnesium	35,000	1,000	23,000	23,000	15,000	22,000														
manganese	300	10	110	120	230	160														
mercury	0.7	1	U	U	U	U														
molybdenum	--	15	U	U	U	U														
nickel	100	20	U	U	U	U														
potassium	--	1,000	2,000	1,800	1,600	2,400														
selenium	10	30	U	U	U	U														
silver	50	10	U	U	U	U														
sodium	--	1,000	92,000	88,000	64,000	93,000 J														
vanadium	--	10	U	U	U	U														
zinc	2,000	20	4.5 F	12 F	12 F	17 F														
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	250		190	250														
ammonia	2	0.2	0.032 F		U	0.026 F														
BOD5	--	2.4	U		U	U														
bromide	2	0.5	0.25 F		0.17 F	U														
COD	--	5	9.0 F		17	7.9 F														
chloride	250	1	180		120	180														
color	15	5	NA		**30**	NA														
hardness, Total	--	1	350		250	340														
nitrate	10	1	0.16 F		0.87	U														
TKN	1	0.2	0.11 F		0.67 B	0.30 B														
sulfate	250	1	43		35	40														
TDS	500	10	**620**		440	**550**														
TOC	--	1	2		6.4	2.5														
phenolics, Total	--	0.005	U		U	U														

Landfill 6 AOC

Surface Water Analytical 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		LF6SW0201IA		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	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	100	200	58.1 F	84.6 F	U	54.2 F	U	U	76 F	85 F	U	49 F	U	60 F	U	64 F	U	**490**	U	86 F	U	63 F	82 F	**840**	U	**520**	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	132	150	119	120	130	140	84	89	200	200	200	200	160	160	99	130	160	U	200	200	63	68	86	120	160	170
boron	1,000	110	37.5	34.2	NA	NA	NA	NA	NA	NA	26	30	NA	NA	NA	NA	17	20	17	17	NA	NA	NA	NA	NA	NA	U	U
calcium	--	1,100	99,100	109,000	109,000	110,000	91,000	93,000	74,000	78,000	94,000	98,000	99,000	99,000	97,000	98,000	76,000	83,000	51,000	53,000	86,000	86,000	47,000	52,000	68,000	77,000	89,000	91,000
chromium	50	10	U	U	U	U	2.9 F	2.0 F	2.8 F	2.1 F	U	4.2 F	2.0 F	2.0 F	3.8 F	U	U	U	U	U	3.4 F	3.1 F	U	3.3 F	U	U	U	U
copper	200	10	U	U	U	U	2.1 F	3.1 F	U	U	U	U	U	U	U	U	2.5 F	4.5 F	U	U	U	U	3.8 F	6.6 F	U	U	U	U
iron	300	200	23.3 F	179 F	39.9 F	223	52 F	230	150 F	280	39 F	280	74 F	**330**	22 F	**370**	150 F	**1,100**	97 F	**360**	44 F	**330**	200	**1,900**	70 F	**1,700**	97 F	210
magnesium	35,000	1,000	20,200	21,000	20,100	20,200	18,000	19,000	12,000	13,000	22,000	23,000	25,000	25,000	19,000	20,000	14,000	15,000	13,000	13,000	20,000	20,000	8,900	9,700	15,000	17,000	20,000	21,000
manganese	300	10	190	195	296	**301**	290	**310**	190	210	**750**	**830**	**430**	**460**	**490**	**530**	140	230	140	150	**430**	**430**	**540**	**560**	110	240	48	53
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	1.5 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.5 F	U	2.4 F	U	U	U	U
potassium	--	1,000	1,750	1,890	2,060	2,110	1,900	1,900	1,700	1,800	1,600	1,800	1,800	1,800	2,100	2,100	1,700	2,000	980 F	1,000	1,900	2,000	1,300	2,000	1,900	2,000	1,700	1,700
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	86,400	96,600	94,700	96,600	71,000	71,000	70,000	73,000	71,000	72,000	77,000	78,000	110,000	110,000	76,000	81,000	35,000	36,000	69,000	69,000	64,000	60,000	68,000	73,000	88,000	87,000
vanadium	--	10	U	U	U	U	U	U	U	U	U	0.81 F	U	U	U	0.83 F	U	1.9 F	U	0.93 F	U	U	U	3.0 F	U	U	U	U
zinc	2,000	20	10.4 F	3.3 F	37.3 B	22 B	9.7 F	9.2 F	8.4 F	13 F	U	7.3 F	38 B	26 B	51 B	37 B	14 F	26 B	13 F	20	12 F	15 F	74 B	98 B	U	13 F	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	
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	
phenolics, Total	--	0.005	0.015		U		U		U		U		U		U		U		0.0015 F		U		U		NA		NA	

Landfill 6 AOC

Surface Water Analytical 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**														
Sample ID No.			**LF6SW0201NA**		**LF6SW0201OA**	**LF6SW0201PA**														
Depth to Water (ft)			**Surface Water**		**Surface Water**	**Surface Water**														
VOCs (µg/L)																				
1,2-dichlorobenzene	3	1	U		U	U														
1,4-dichlorobenzene	3	0.5	U		U	U														
acetone	50	10	1.54 F		3.67 F	1.22 FB														
benzene	1	0.1	U		0.180 F	U														
carbon disulfide	--	0.5	U		U	U														
chlorobenzene	5	0.5	U		0.420 F	U														
chloroform	7	0.3	U		U	U														
chloromethane	--	1	U		U	U														
cis-1,2-dichloroethene	5	1	U		U	U														
dichlorodifluoromethane	5**	1	U		U	U														
methylene chloride	5	1	U		U	U														
tetrachloroethene	0.7	1	U		U	U														
trichloroethene (TCE)	5	1	U		U	U														
trans-1,2-Dichloroethene	5	1	U		U	U														
vinyl chloride	0.3	1	U		U	U														
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	100	200	U	U	47 F	U														
arsenic	50	30	U	U	U	U														
barium	1,000	50	200	200	120	180														
boron	1,000	110	U	U	26 B	NA														
calcium	--	1,100	100,000	100,000	81,000	98,000														
chromium	50	10	U	U	U	U														
copper	200	10	U	U	U	U														
iron	300	200	41 F	230	**380**	190 F														
magnesium	35,000	1,000	24,000	24,000	17,000	22,000														
manganese	300	10	130	130	260	140														
mercury	0.7	1	U	U	U	U														
molybdenum	--	15	U	U	U	U														
nickel	100	20	U	U	U	U														
potassium	--	1,000	2,000	1,900	1,700	2,100														
selenium	10	30	U	U	U	U														
silver	50	10	U	U	U	U														
sodium	--	1,000	92,000	89,000	66,000	86,000														
vanadium	--	10	U	U	U	U														
zinc	2,000	20	U	U	7.4 F	4.8 F														
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	250		210	250														
ammonia	2	0.2	0.025 F		U	U														
BOD5	--	2.4	U		U	U														
bromide	2	0.5	0.25 F		0.19 F	U														
COD	--	5	9.0 F		13	U														
chloride	250	1	170		140	170														
color	15	5	NA		**20**	NA														
hardness, Total	--	1	360		270	330														
nitrate	10	1	0.15 F		0.8	U														
TKN	1	0.2	U		0.43 B	0.25 B														
sulfate	250	1	43		37	40														
TDS	500	10	**620**		480	**510**														
TOC	--	1	2.2		5.2	2.3														
phenolics, Total	--	0.005	U		U	U														

Landfill 6 AOC

Surface Water Analytical 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		LF6SW0301IA		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 (µg/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	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	100	200	55.7 F	71.5 F	U	45.2 F	U	61 F	77 F	**210**	U	U	U	U	U	56 F	U	81 F	U	70 F	41 F	56 F	**180 F**	**1,800**	U	**180 F**	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	132	155	193	198	140	140	99	99	210	220	220	230	170	170	110	110	180	180	210	220	70	82	120	130	180	180
boron	1,000	110	35.7	29.4	NA	NA	NA	NA	NA	NA	23	28	NA	NA	NA	NA	23	22	19	19	NA	NA	NA	NA	U	U	U	U
calcium	--	1,100	91,200	102,000	94,200	96,400	87,000	87,000	78,000	79,000	86,000	92,000	90,000	94,000	93,000	90,000	74,000	73,000	53,000	55,000	81,000	81,000	41,000	44,000	74,000	76,000	97,000	92,000
chromium	50	10	U	U	U	U	3.2 F	2.0 F	2.2 F	3.5 F	U	4.2 F	7.8 F	U	3.1 F	3.8 F	2.7 F	2.5 F	1.5 F	1.6 F	3.7 F	3.1 F	U	4.7 F	U	U	U	U
copper	200	10	1.3 F	U	U	U	2.7 F	3.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	10	U	U	U	U
iron	300	200	21.3 F	161 F	48.3 F	231	57 F	250	88 F	**430**	49 F	230	51 F	210	2.7 F	270	94 F	240	100 F	**320**	55 F	280	86 F	**2,700**	70 F	**650**	94 F	190 F
magnesium	35,000	1,000	19,400	20,600	22,600	23,100	18,000	18,000	13,000	14,000	21,000	22,000	23,000	24,000	20,000	20,000	16,000	15,000	14,000	14,000	20,000	20,000	6,700	7,000	16,000	16,000	22,000	21,000
manganese	300	10	126	161	**383**	**386**	270	280	190	200	**520**	**570**	220	230	**460**	**450**	120	120	130	150	**320**	**330**	110	**310**	140	160	100	99
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	1.2 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	1.3 F	U	U	U	U	U	2.2 F	U	U	U	U	U	U	U	U	1.2 F	U	3.0 F	U	U	U	U
potassium	--	1,000	1,680	1,840	1,780	1,860	1,800	1,800	1,700	1,800	1,600	1,800	1,800	1,900	2,000	2,000	1,800	1,800	1,000	1,100	1,900	1,900	1,000	1,700	1,600	1,700	1,500	1,600
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	80,000	91,400	80,700	82,800	67,000	67,000	77,000	76,000	70,000	73,000	77,000	80,000	100,000	100,000	74,000	73,000	37,000	38,000	66,000	66,000	66,000	85,000	72,000	72,000	85,000	80,000
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	0.74 F	U	U	U	1.1 F	U	U	U	5.3 F	U	U	U	U
zinc	2,000	20	4.1 F	3.2 F	34.3 B	26.1 B	7.5 F	14 F	8.0 F	8.5 F	U	U	35 B	64 B	38 B	23 B	14 F	14 F	19 F	16 F	12 F	15 F	79 B	13 B	U	5.1 F	U	4.5 F
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	
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	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

Landfill 6 AOC

Surface Water Analytical 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**																		
Sample ID No.			**LF6SW0301NA**		**LF6SW0301OA**	**LF6SW0301PA**																		
Depth to Water (ft)			**Surface Water**		**Surface Water**	**Surface Water**																		
VOCs (µg/L)																								
1,2-dichlorobenzene	3	1	U		U	U																		
1,4-dichlorobenzene	3	0.5	U		U	U																		
acetone	50	10	2.49 F		2.60 F	1.34 FB																		
benzene	1	0.1	U		0.110 F	U																		
carbon disulfide	--	0.5	U		U	U																		
chlorobenzene	5	0.5	U		0.300 F	U																		
chloroform	7	0.3	U		U	U																		
chloromethane	--	1	U		U	U																		
cis-1,2-dichloroethene	5	1	U		U	U																		
dichlorodifluoromethane	5**	1	U		U	U																		
methylene chloride	5	1	U		U	U																		
tetrachloroethene	0.7	1	U		U	U																		
trichloroethene (TCE)	5	1	U		U	U																		
trans-1,2-Dichloroethene	5	1	U		U	U																		
vinyl chloride	0.3	1	U		U	U																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	100	200	U	63 F	87 F	U																		
arsenic	50	30	U	U	U	U																		
barium	1,000	50	220	230	120	190																		
boron	1,000	110	U	U	21 B	NA																		
calcium	--	1,100	92,000	94,000	72,000	95,000																		
chromium	50	10	U	U	U	U																		
copper	200	10	U	U	U	U																		
iron	300	200	39 F	**500**	**350**	160 F																		
magnesium	35,000	1,000	23,000	24,000	15,000	22,000																		
manganese	300	10	100	140	270	92																		
mercury	0.7	1	U	U	U	U																		
molybdenum	--	15	U	U	U	U																		
nickel	100	20	U	U	U	2.6 F																		
potassium	--	1,000	1,900	1,800	1,500	2,000																		
selenium	10	30	U	U	U	U																		
silver	50	10	U	U	U	U																		
sodium	--	1,000	83,000	83,000	56,000	83,000																		
vanadium	--	10	U	U	U	U																		
zinc	2,000	20	U	5.7 F	12 F	4.5 F																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	240		190	240																		
ammonia	2	0.2	0.059		U	U																		
BOD5	--	2.4	U		U	U																		
bromide	2	0.5	0.23 F		0.18 F	U																		
COD	--	5	11		19	7.9 F																		
chloride	250	1	160		110	170																		
color	15	5	NA		**30**	NA																		
hardness, Total	--	1	350		240	330																		
nitrate	10	1	0.13 F		0.87	U																		
TKN	1	0.2	0.14 F		0.61 B	0.24 B																		
sulfate	250	1	41		32	40																		
TDS	500	10	**590**		430	**530**																		
TOC	--	1	1.9		6.2	2.4																		
phenolics, Total	--	0.005	U		U	U																		

Landfill 6 AOC

Surface Water Analytical 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**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	100	200	NS	NS	NS	NS	U	U	62 F	54 F	NS	NS	NS	NS	NS	NS	U	**990**	NS	NS	NS	NS	**120 F**	**320**	U	**1,700**	U	330
arsenic	50	30	NS	NS	NS	NS	U	U	U	U	NS	NS	NS	NS	NS	NS	U	U	NS	NS	NS	NS	U	U	U	U	U	U
barium	1,000	50	NS	NS	NS	NS	41 F	41 F	26 F	25 F	NS	NS	NS	NS	NS	NS	100	190	NS	NS	NS	NS	40 F	42 F	47 F	61	80	81
boron	1,000	110	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	58	59	NS	NS	NS	NS	NA	NA	NA	NA	U	U
calcium	--	1,100	NS	NS	NS	NS	100,000	100,000	64,000	61,000	NS	NS	NS	NS	NS	NS	60,000	65,000	NS	NS	NS	NS	73,000	71,000	140,000	150,000	18,000	18,000
chromium	50	10	NS	NS	NS	NS	U	U	1.9 F	1.6 F	NS	NS	NS	NS	NS	NS	U	1.9 F	NS	NS	NS	NS	U	U	U		U	U
copper	200	10	NS	NS	NS	NS	3.0 F	4.3 F	U	U	NS	NS	NS	NS	NS	NS	U	4.9 F	NS	NS	NS	NS	U	4.5 F	U	6.4 F	U	U
iron	300	200	NS	NS	NS	NS	9.3 F	12 F	8.9 F	42 F	NS	NS	NS	NS	NS	NS	16 F	**360**	NS	NS	NS	NS	U	240	U	**1,800**	49 F	**630**
magnesium	35,000	1,000	NS	NS	NS	NS	9,600	9,700	6,600	6,300	NS	NS	NS	NS	NS	NS	8,700	9,100	NS	NS	NS	NS	8,700	9,300	13,000	14,000	15,000	15,000
manganese	300	10	NS	NS	NS	NS	54 J	39 J	5.7 F	6.7 F	NS	NS	NS	NS	NS	NS	9.1 F	83	NS	NS	NS	NS	7.1 F	18	**850**	**1,400**	**5,800**	**5,800**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	NS	NS	NS	NS	U	U	U	U	NS	NS	NS	NS	NS	NS	U	U	NS	NS	NS	NS	U	U	U	U	U	U
nickel	100	20	NS	NS	NS	NS	U	U	U	U	NS	NS	NS	NS	NS	NS	U	2.4 F	NS	NS	NS	NS	U	**500 F**	U	3.8 F	U	U
potassium	--	1,000	NS	NS	NS	NS	3,100	3,100	2,500	2,400	NS	NS	NS	NS	NS	NS	2,800	3,000	NS	NS	NS	NS	740 F	U	4,600	4,300	8,000	7,800
selenium	10	30	NS	NS	NS	NS	U	U	U	U	NS	NS	NS	NS	NS	NS	U	U	NS	NS	NS	NS	U	U	U	U	U	U
silver	50	10	NS	NS	NS	NS	U	U	U	U	NS	NS	NS	NS	NS	NS	U	U	NS	NS	NS	NS	U	U	U	U	U	U
sodium	--	1,000	NS	NS	NS	NS	3,600	3,600	5,600	5,300	NS	NS	NS	NS	NS	NS	8,400	8,700	NS	NS	NS	NS	4,100 B	5,500	4,700	4,500	6,000	5,700
vanadium	--	10	NS	NS	NS	NS	U	0.76 F	U	U	NS	NS	NS	NS	NS	NS	U	2.7 F	NS	NS	NS	NS	U	U	U	6.1 F	U	3.2 F
zinc	2,000	20	NS	NS	NS	NS	11 F	11 F	9.9 F	7.3 F	NS	NS	NS	NS	NS	NS	15 F	23 B	NS	NS	NS	NS	42 B	46 B	7.0 F	18 F	5.6 F	8.1 F
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	
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	
phenolics, Total	--	0.005	NS		NS		U		U		NS		U		NS		0.0030 F		NS		NS		U		NA		NA	

Landfill 6 AOC

Surface Water Analytical 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**																		
Sample ID No.			**LF6WT0101NA**		**LF6WT0101OA**	**LF6WT0101PA**																		
Depth to Water (ft)			**Surface Water**		**Surface Water**	**Surface Water**																		
VOCs (µg/L)																								
1,2-dichlorobenzene	3	1	NS		U	NS																		
1,4-dichlorobenzene	3	0.5	NS		U	NS																		
acetone	50	10	NS		2.29 F	NS																		
benzene	1	0.1	NS		U	NS																		
carbon disulfide	--	0.5	NS		U	NS																		
chlorobenzene	5	0.5	NS		U	NS																		
chloroform	7	0.3	NS		U	NS																		
chloromethane	--	1	NS		U	NS																		
cis-1,2-dichloroethene	5	1	NS		U	NS																		
dichlorodifluoromethane	5**	1	NS		U	NS																		
methylene chloride	5	1	NS		U	NS																		
tetrachloroethene	0.7	1	NS		U	NS																		
trichloroethene (TCE)	5	1	NS		U	NS																		
trans-1,2-Dichloroethene	5	1	NS		U	NS																		
vinyl chloride	0.3	1	NS		U	NS																		
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	100	200	NS	NS	**130 F**	NS																		
arsenic	50	30	NS	NS	U	NS																		
barium	1,000	50	NS	NS	35 F	NS																		
boron	1,000	110	NS	NS	7.2 F	NS																		
calcium	--	1,100	NS	NS	75,000	NS																		
chromium	50	10	NS	NS	U	NS																		
copper	200	10	NS	NS	U	NS																		
iron	300	200	NS	NS	120 F	NS																		
magnesium	35,000	1,000	NS	NS	9,500	NS																		
manganese	300	10	NS	NS	6.5 F	NS																		
mercury	0.7	1	NA	NA	U	NS																		
molybdenum	--	15	NS	NS	U	NS																		
nickel	100	20	NS	NS	U	NS																		
potassium	--	1,000	NS	NS	310 F	NS																		
selenium	10	30	NS	NS	U	NS																		
silver	50	10	NS	NS	U	NS																		
sodium	--	1,000	NS	NS	2,000 B	NS																		
vanadium	--	10	NS	NS	U	NS																		
zinc	2,000	20	NS	NS	7.5 F	NS																		
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	NS		190	NS																		
ammonia	2	0.2	NS		U	NS																		
BOD5	--	2.4	NS		U	NS																		
bromide	2	0.5	NS		U	NS																		
COD	--	5	NS		6.7 F	NS																		
chloride	250	1	NS		1.8	NS																		
color	15	5	NS		U	NS																		
hardness, Total	--	1	NS		230	NS																		
nitrate	10	1	NS		**12**	NS																		
TKN	1	0.2	NS		0.77	NS																		
sulfate	250	1	NS		4.2	NS																		
TDS	500	10	NS		200	NS																		
TOC	--	1	NS		4.1	NS																		
phenolics, Total	--	0.005	NS		U	NS																		

Landfill 6 AOC
Gas Monitoring Results - Methane and LEL

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.

Landfill 6 AOC

Gas Monitoring Results - Methane and LEL (continued)

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.

Landfill 6 AOC

Gas Monitoring Results - Methane and LEL (continued)

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.

Landfill 6 AOC

Gas Monitoring Results - Methane and LEL (continued)

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.

Landfill 6 AOC

Gas Monitoring Results - Methane and LEL (continued)

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.

Landfill 6 AOC

Gas Monitoring Results - Methane and LEL (continued)

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.) = 29.18-29.3				Barometric Pressure (in.) = 29.19-29.2			
	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.

Notes for Tables

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 = The analyte was positively identified, but the quantitation is an approximation.

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.

♦ = Duplicate value was used.

-- = No value reported

= Value exceeded NYSDEC Groundwater standard.

Sample Location	NYS Surface Water Standards [1]	TMC-1					
Sample ID		RI Results (TMCSW-2)	TMCSW0101AA	TMCSW0101BB	TMCSW0101CA	TMCSW0101DA	TMCSW0101EA
Date of Collection [2]		5/94 - 11/94	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010
Sample Depth (ft bgs)		0-1					
SVOCs (µg/L)							
anthracene	3.8	0.005 J	U	U	U	U	U
benzo(a)anthracene	0.002	U	U	U	U	U	U
benzo(a)pyrene	0.002	U	U	U	U	U	U
benzo(b)fluoranthene	0.002	U	U	U	U	U	U
benzo(k)fluoranthene	0.002	U	U	U	U	U	U
benzo(g,h,i)perylene	-	U	U	U	U	U	U
benzoic acid	--	U	U	U	U	U	U
benzyl alcohol	--	U	U	U	U	U	U
bis(2-ethylhexyl) phthalate	0.6	U	U	0.510 F	0.804 F	0.465 F	16.1 B
benzyl butyl phthalate	-	U	U	U	U	U	U
chrysene	0.002	U	U	U	U	U	U
di-n-butyl phthalate	50	U	1.88 F	U	U	U	45.1 B
diethyl phthalate	--	U	U	U	U	U	1.58 F
dimethyl phthalate	--	0.047 J	U	U	U	U	U
fluoranthene	50	U	U	U	U	U	U
fluorene	0.54	U	U	U	U	U	U
indeno(1,2,3-c,d)pyrene	--	U	U	U	U	U	U
phenanthrene	5.0	0.11 J	U	U	U	U	U
phenol	1.0	U	U	U	U	U	U
pyrene	4.6	0.014 J	U	U	U	U	U
PCBs (µg/L)							
Aroclor 1260	0.09	NA	U	U	U	U	U
Pesticides (µg/L)							
gamma BHC (lindane)	0.05	U	U	U	U	U	U
alpha-chlordane	0.05	U	U	U	U	U	U
gamma-chlordane	0.05	U	U	U	U	U	U
p,p'-DDD	0.3	U	U	U	U	U	U
p,p'-DDE	0.2	U	U	U	U	U	U
p,p'-DDT	0.2	U	U	U	U	U	U
dieldrin	0.004	U	U	U	U	U	U
endrin aldehyde	5*	U	U	U	U	U	U
heptachlor	0.04	U	U	U	U	U	U

Sample Location	NYS Surface Water Standards [1]	TMC-2					
Sample ID		RI Results (TMCSW-8)	TMCSW0201AA	TMCSW0201BB	TMCSW0201CA	TMCSW0201DA	TMCSW0201EA
Date of Collection [2]		5/94 - 11/94	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/;29/2010
Sample Depth (ft bgs)		0-1					
SVOCs (µg/L)							
anthracene	3.8	U	U	U	U	U	U
benzo(a)anthracene	0.002	U	U	U	U	U	U
benzo(a)pyrene	0.002	U	U	U	U	U	U
benzo(b)fluoranthene	0.002	U	U	U	U	U	U
benzo(k)fluoranthene	0.002	U	U	U	U	U	U
benzo(g,h,i)perylene	-	U	U	U	U	U	U
benzoic acid	--	U	U	U	U	U	U
benzyl alcohol	--	U	U	U	U	U	U
bis(2-ethylhexyl) phthalate	0.6	R	U	0.980 F	U	U	3.89 FB
benzyl butyl phthalate	-	R	U	U	U	U	U
chrysene	0.002	U	U	U	U	U	U
di-n-butyl phthalate	50	U	U	U	U	U	8.14 FB
diethyl phthalate	--	U	U	U	U	U	U
dimethyl phthalate	--	R	U	U	U	U	U
fluoranthene	50	U	U	U	U	U	U
fluorene	0.54	R	U	U	U	U	U
indeno(1,2,3-c,d)pyrene	--	U	U	U	U	U	U
phenanthrene	5.0	R	U	U	U	U	U
phenol	1.0	U	U	U	U	U	U
pyrene	4.6	R	U	U	U	U	U
PCBs (µg/L)							
Aroclor 1260	0.09	NA	U	U	U	U	U
Pesticides (µg/L)							
gamma BHC (lindane)	0.05	U	U	U	U	U	U
alpha-chlordane	0.05	U	U	U	U	U	U
gamma-chlordane	0.05	U	U	U	U	U	U
p,p'-DDD	0.3	U	U	U	U	U	U
p,p'-DDE	0.2	U	U	U	U	U	U
p,p'-DDT	0.2	U	U	U	U	U	U
dieldrin	0.004	U	U	U	U	U	U
endrin aldehyde	5*	U	U	U	U	U	U
heptachlor	0.04	U	U	U	U	U	U

Sample Location	NYS Surface Water Standards [1]	TMC-3					
Sample ID		RI Results (TMCSW-10)	TMCSW0301AA	TMCSW0301BB	TMCSW0301CA	TMCSW0301DA	TMCSW0301EA
Date of Collection [2]		5/94 - 11/94	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010
Sample Depth (ft bgs)		0-1					
SVOCs (µg/L)							
anthracene	3.8	U	U	U	U	U	U
benzo(a)anthracene	0.002	U	U	U	U	U	U
benzo(a)pyrene	0.002	U	U	U	U	U	U
benzo(b)fluoranthene	0.002	U	U	U	U	U	U
benzo(k)fluoranthene	0.002	U	U	U	U	U	U
benzo(g,h,i)perylene	-	U	U	U	U	U	U
benzoic acid	--	U	U	U	U	U	U
benzyl alcohol	--	U	U	U	U	U	U
bis(2-ethylhexyl) phthalate	0.6	R	U	0.660 F	U	0.903 F	23.8 B
benzyl butyl phthalate	-	R	U	U	U	U	0.394 F
chrysene	0.002	U	U	U	U	U	U
di-n-butyl phthalate	50	R	U	U	U	U	72.7 B
diethyl phthalate	--	R	U	U	U	U	2.36 F
dimethyl phthalate	--	U	U	U	U	U	U
fluoranthene	50	U	U	U	U	U	U
fluorene	0.54	U	U	U	U	U	U
indeno(1,2,3-c,d)pyrene	--	U	U	U	U	U	U
phenanthrene	5.0	R	U	U	U	U	U
phenol	1.0	U	U	U	U	U	U
pyrene	4.6	U	U	U	U	U	U
PCBs (µg/L)							
Aroclor 1260	0.09	NA	U	U	U	U	U
Pesticides (µg/L)							
gamma BHC (lindane)	0.05	U	U	U	U	U	U
alpha-chlordane	0.05	U	U	U	U	U	U
gamma-chlordane	0.05	U	U	U	U	U	U
p,p'-DDD	0.3	U	U	U	U	U	U
p,p'-DDE	0.2	U	U	U	U	U	U
p,p'-DDT	0.2	U	U	U	U	U	U
dieldrin	0.004	U	U	U	U	U	U
endrin aldehyde	5*	U	U	U	U	U	U
heptachlor	0.04	U	U	U	U	U	U

Sample Location	NYS Surface Water Standards [1]	TMC-4				
Sample ID		TMCSW0401AA	TMCSW0401BB	TMCSW0401CA	TMCSW0401DA	TMCSW0401EA
Date of Collection [2]		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010
Sample Depth (ft bgs)		0-1				
SVOCs (µg/L)						
anthracene	3.8	U	U	U	U	U
benzo(a)anthracene	0.002	U	U	U	U	U
benzo(a)pyrene	0.002	U	U	U	U	U
benzo(b)fluoranthene	0.002	U	U	U	U	U
benzo(k)fluoranthene	0.002	U	U	U	U	U
benzo(g,h,i)perylene	-	U	U	U	U	U
benzoic acid	--	U	U	U	U	U
benzyl alcohol	--	U	U	U	U	U
bis(2-ethylhexyl) phthalate	0.6	U	0.598 F	U	2.17 F	32.9 B
benzyl butyl phthalate	-	U	U	U	U	U
chrysene	0.002	U	U	U	U	U
di-n-butyl phthalate	50	U	U	U	U	97.9 B
diethyl phthalate	--	U	U	U	U	2.74 F
dimethyl phthalate	--	U	U	U	U	U
fluoranthene	50	U	U	U	U	U
fluorene	0.54	U	U	U	U	U
indeno(1,2,3-c,d)pyrene	--	U	U	U	U	U
phenanthrene	5.0	U	U	U	U	U
phenol	1.0	U	U	U	U	U
pyrene	4.6	U	U	U	U	U
PCBs (µg/L)						
Aroclor 1260	0.09	U	U	U	U	U
Pesticides (µg/L)						
gamma BHC (lindane)	0.05	U	U	U	U	U
alpha-chlordane	0.05	U	U	U	U	U
gamma-chlordane	0.05	U	U	U	U	U
p,p'-DDD	0.3	U	U	U	U	U
p,p'-DDE	0.2	U	U	U	U	U
p,p'-DDT	0.2	U	U	U	U	U
dieldrin	0.004	U	U	U	U	U
endrin aldehyde	5*	U	U	U	U	U
heptachlor	0.04	U	U	U	U	U

Sample Location	NYS Surface Water Standards [1]	TMC-5				
Sample ID		TMCSW0501AA	TMCSW0501BB	TMCSW0501CA	TMCSW0501DA	TMCSW0501EA
Date of Collection [2]		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010
Sample Depth (ft bgs)		0-1				
SVOCs (µg/L)						
anthracene	3.8	U	U	U	U	UJ
benzo(a)anthracene	0.002	U	U	U	U	UJ
benzo(a)pyrene	0.002	U	U	U	U	UJ
benzo(b)fluoranthene	0.002	U	U	U	U	UJ
benzo(k)fluoranthene	0.002	U	U	U	U	UJ
benzo(g,h,i)perylene	-	U	U	U	U	UJ
benzoic acid	--	U	U	U	U	U
benzyl alcohol	--	U	U	U	U	U
bis(2-ethylhexyl) phthalate	0.6	U	0.680 F	U	0.455 F	27.0 B
benzyl butyl phthalate	-	U	U	U	U	U
chrysene	0.002	U	U	U	U	UJ
di-n-butyl phthalate	50	2.75 F	U	U	U	78.1 B
diethyl phthalate	--	U	U	U	U	2.20 F
dimethyl phthalate	--	U	U	U	U	U
fluoranthene	50	U	U	U	U	UJ
fluorene	0.54	U	U	U	U	UJ
indeno(1,2,3-c,d)pyrene	--	U	U	U	U	UJ
phenanthrene	5.0	U	U	U	U	UJ
phenol	1.0	U	U	U	U	U
pyrene	4.6	U	U	U	U	UJ
PCBs (µg/L)						
Aroclor 1260	0.09	U	0.0170 F	U	U	U
Pesticides (µg/L)						
gamma BHC (lindane)	0.05	U	U	U	U	U
alpha-chlordane	0.05	U	U	U	U	U
gamma-chlordane	0.05	U	U	U	U	U
p,p'-DDD	0.3	U	U	U	U	U
p,p'-DDE	0.2	U	U	U	U	U
p,p'-DDT	0.2	U	U	U	U	U
dieldrin	0.004	U	U	U	U	U
endrin aldehyde	5*	U	U	U	U	U
heptachlor	0.04	U	U	U	U	U

Sample Location	NYS Surface Water Standards [1]	TMC-6					
Sample ID		RI Results (TMCSW-4)	TMCSW0601AA	TMCSW0601BB	TMCSW0601CA	TMCSW0601DA	TMCSW0601EA
Date of Collection [2]		5/94 - 11/94	10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010
Sample Depth (ft bgs)		0-1					
SVOCs (µg/L)							
anthracene	3.8	U	U	U	U	U	U
benzo(a)anthracene	0.002	U	U	U	U	U	0.614 F
benzo(a)pyrene	0.002	U	U	U	U	U	0.634 F
benzo(b)fluoranthene	0.002	U	U	U	U	U	0.446 F
benzo(k)fluoranthene	0.002	U	U	U	U	U	U
benzo(g,h,i)perylene	-	U	U	U	U	U	0.475 F
benzoic acid	--	U	U	UJ	U	U	U
benzyl alcohol	--	U	U	UJ	U	U	U
bis(2-ethylhexyl) phthalate	0.6	U	U	4.06 F	1.04 F	0.527 F	31.8 B
benzyl butyl phthalate	-	U	U	UJ	U	U	U
chrysene	0.002	U	U	U	U	U	0.752 F
di-n-butyl phthalate	50	U	U	UJ	U	U	91.2 B
diethyl phthalate	--	U	U	UJ	U	U	2.75 F
dimethyl phthalate	--	U	U	UJ	U	U	U
fluoranthene	50	U	U	U	U	U	1.10 F
fluorene	0.54	U	U	U	U	U	U
indeno(1,2,3-c,d)pyrene	--	U	U	U	U	U	U
phenanthrene	5.0	0.12 J	U	U	U	U	0.673 F
phenol	1.0	U	U	U	U	U	U
pyrene	4.6	0.031 J	U	U	U	U	1.03 F
PCBs (µg/L)							
Aroclor 1260	0.09	NA	U	U	U	U	U
Pesticides (µg/L)							
gamma BHC (lindane)	0.05	U	U	U	U	U	U
alpha-chlordane	0.05	U	U	U	U	U	U
gamma-chlordane	0.05	U	U	U	U	U	U
p,p'-DDD	0.3	U	U	U	U	U	U
p,p'-DDE	0.2	U	U	U	U	U	0.019 F
p,p'-DDT	0.2	0.094	U	U	U	U	0.50 F
dieldrin	0.004	U	U	U	U	U	U
endrin aldehyde	5*	U	U	U	U	U	U
heptachlor	0.04	U	U	U	U	U	U

Sample Location	NYS Surface Water Standards [1]	TMC-7				
Sample ID		TMCSW0701AA	TMCSW0701BB	TMCSW0701CA	TMCSW0701DA	
Date of Collection [2]		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010
Sample Depth (ft bgs)		0-1				
SVOCs (µg/L)						
anthracene	3.8	U	UJ	U	0.473 F	NS
benzo(a)anthracene	0.002	U	0.570 F	0.621 F	2.64 F	NS
benzo(a)pyrene	0.002	U	UJ	U	2.48 F	NS
benzo(b)fluoranthene	0.002	U	UJ	0.558 F	5.79 F	NS
benzo(k)fluoranthene	0.002	U	UJ	U	1.54 F	NS
benzo(g,h,i)perylene	-	U	UJ	U	0.879 F	NS
benzoic acid	--	11.2 F	U	U	U	NS
benzyl alcohol	--	0.681 F	0.634 F	U	1.79 F	NS
bis(2-ethylhexyl) phthalate	0.6	U	1.12 F	0.716 F	1.37 F	NS
benzyl butyl phthalate	-	U	U	U	0.473 F	NS
chrysene	0.002	U	UJ	U	2.74 F	NS
di-n-butyl phthalate	50	1.72 F	U	U	U	NS
diethyl phthalate	--	U	U	U	U	NS
dimethyl phthalate	--	U	U	U	U	NS
fluoranthene	50	U	0.871 F	0.789 F	4.56 F	NS
fluorene	0.54	U	UJ	U	U	NS
indeno(1,2,3-c,d)pyrene	--	U	UJ	U	0.571 F	NS
phenanthrene	5.0	U	UJ	U	2.43 F	NS
phenol	1.0	0.606 F	U	U	U	NS
pyrene	4.6	U	0.925 F	0.705 F	4.77 F	NS
PCBs (µg/L)						
Aroclor 1260	0.09	U	0.227 F	1.2	0.205 F	NS
Pesticides (µg/L)						
gamma BHC (lindane)	0.05	U	U	U	U	NS
alpha-chlordane	0.05	U	U	U	U	NS
gamma-chlordane	0.05	U	U	U	U	NS
p,p'-DDD	0.3	U	U	U	U	NS
p,p'-DDE	0.2	U	U	U	U	NS
p,p'-DDT	0.2	U	U	U	U	NS
dieldrin	0.004	U	0.029 F	0.042 F	U	Ns
endrin aldehyde	5*	U	U	U	U	NS
heptachlor	0.04	U	U	U	U	NS

Surface Water:

B - Result is a positive value, however, the analyte was detected in an associated blank above the RL.
F - The analyte was positively identified above the MDL, however, the concentration is below the RL.
J - The analyte was positively identified, but the quantitation is an estimation.
M - A matrix effect was present.
NA - not analyzed
R - The data was rejected because QA/QC criteria were not met during the analysis.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.
UJ - The analyte was analyzed for, but not detected. The quantitation is an approximation.
UM – The analyte was analyzed for, but not detected. A matrix effect was present.
[1] - The NYS Surface Water Standard for the protection of aquatic life from chronic effects is used if available and if lower than the surface water standard.
[2] - The different analyses for the sample locations sampled in the 1993/4 RI were collected at different times between 5/1994 and 11/1994.
 - Indicates an exceedance of the NYS Surface Water Standards.

Sample Location	Most Stringent Ecological Screening Value	TMC-1							
Sample ID		RI Results (TMCSD-2)	TMCSD0101AA	TMCSD0101BB	TMCSD0101CA	TMCSD0101DA	TMCSD0101EA		
Date of Collection		5/17/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010		
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	U	U	U	30 F	280 F	U		
1,2,4-trichlorobenzene	3400	U	U	U	U	U	U		
1,3-dichlorobenzene	1600	U	U	U	U	U	U		
1,4-dichlorobenzene	8500	U	U	U	U	78 F	U		
2-methylnaphthalene	65	5,100 J	25 F	U	U	33 F	30 F		
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U		
4-nitroaniline	500*	U	U	U	U	U	U		
acenaphthene	16	U	33 F	U	U	160 F	220 F		
acenaphthylene	--	11,000 J	U	U	22 F	U	U		
anthracene	85	19,000	75 F	U	58 F	540 F	86 F		
benzo(a)anthracene	261	51,000	190 F	U	160 F	1,700 J	290 F		
benzo(a)pyrene	370	35,000	170 F	U	130 F	1,500 M	250 F		
benzo(b)fluoranthene	--	41,000	250 F	U	190 F	2,300 M	470 F		
benzo(k)fluoranthene	240	28,000	95 F	U	83 F	970 M	150 F		
benzo(g,h,i)perylene	170	19,000	60 F	U	47 F	320 F	88 F		
benzyl alcohol	--	U	U	U	U	U	U		
benzoic acid	--	U	U	U	U	U	U		
bis(2-ethylhexyl) phthalate	10453.8	900 J	30 F	29 F	45 F	110 F	120 F		
benzyl butyl phthalate	50000	U	U	U	U	47 F	39		
chrysene	340	43,000	190 F	U	130 F	1,700 J	310 F		
di-n-butyl phthalate	--	U	U	U	U	U	U		
di-n-octyl phthalate	50000	U	U	U	U	U	U		
dibenz(a,h)anthracene	60	8,700 J	22 F	U	U	120 F	U		
dibenzofuran	2000	10,000 J	31 F	U	U	U	52 F		
diethyl phthalate	7100	U	U	41 F	U	U	U		
fluoranthene	600	84,000	370 F	U	320 F	3,200 J	650 F		
fluorene	35	12,000 J	45 F	U	24 F	210 F	55 F		
indeno(1,2,3-c,d)pyrene	200	22,000	50 F	U	34 F	140 F	18 F		
naphthalene	13000	15,000 J	47 F	U	20 F	U	58 F		
nitrobenzene	200*	U	U	U	U	U	U		
phenanthrene	240	91,000	330 F	U	250 F	2,400 J	510 F		
pyrene	490	89,000	340 F	U	260 F	3,900 J	580 F		

Sample Location	Most Stringent Ecological Screening Value	TMC-1							
Sample ID		RI Results (TMCSD-2)	TMCSD0101AA	TMCSD0101BB	TMCSD0101CA	TMCSD0101DA	TMCSD0101EA		
Date of Collection		5/17/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010		
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	1,930	3,900	4,100	3,600	3,000	2,800 J		
antimony	2	U	U	U	0.23 F	U	U		
arsenic	6	5 J	2.9 F	3.0 F	2 F	1.9 F	3.3 F		
barium	--	23.8	15.0	17.0	14.0	11.0	11.0		
berylium	--	U	0.18 F	0.18 F	0.17 F	0.13 F	0.12 F		
cadmium	0.6	1.7	0.44 F	U	0.44 F	U	U		
calcium	--	20,100	5,600	720	5,600	8,800	6,700		
chromium	26	21.2	5.6	4.9	5.3	3.9	5.9		
cobalt	--	2.7	3.2	3.1	2.7	1.9	2.3		
copper	16	52.5	42	10	10	9.4	8.6		
iron	20,000	11,400	9,600	9,100	8,600	7,200	6,500		
lead	31	94.6 J	7.1	1.9 F	5.7	4.3	12		
magnesium	--	1,970	2,200	1,700	2,100	2,100	1,800		
manganese	460	77.9	170	160	130	100	120		
molybdenum	--	9.1	0.33 F	U	U	U	U		
nickel	16	33.9	7.5	7.1	6.9	5.8	5.5		
potassium	--	233	500	520	58	440	450		
selenium	--	U	U	0.61 F	0.39 F	U	U		
silver	1	U	U	U	U	U	U		
sodium	--	206	67 F	44 F	51 F	74 F	74		
thallium	--	U	U		U	U	U		
vanadium	--	97.0	9.3	6.9	8.1	6.7	5.9		
zinc	120	153 J	23	18	20	23	26		
mercury	0.15	U	0.0249 F	0.006 F	0.056 F	0.015 F	0.0095 F		
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U	U		
Aroclor 1260	5	R	66.5	U	51.2	146	144		
Pesticides (µg/Kg)									
alpha BHC	0.01	R	U	U	U	U	U		
beta BHC	0.04	R	U	U	U	U	U		
delta BHC	0.04	R	U	U	U	U	U		
gamma BHC (Lindane)	0.05	R	U	U	U	U	U		
alpha-Chlordane	0.05	R	U	U	U	U	U		
gamma-Chlordane	0.05	R	0.66 F	U	U	U	U		
p,p'-DDD	2	R	5.8 F	U	U	U	U		
p,p'-DDE	2	R	0.53 F	U	U	U	U		
p,p'-DDT	1	R	25 F	UM	13 J	U	U		
aldrin	--	R	13 F	U	U	U	U		
dieldrin	0.02	R	U	0.56 F	8.6 J	U	U		
endosulfan I	--	R	U	U	U	U	U		
endosulfan II	--	R	12 F	0.40 F	U	U	U		
endosulfan sulfate	--	R	U	U	U	U	U		
endrin	3	R	4 F	U	U	U	U		
endrin aldehyde	5*	R	8.8 F	U	U	U	U		
heptachlor	0.04	R	U	U	U	U	U		
heptachlor epoxide	0.03	R	0.79 J	U	U	U	U		
methoxychlor	31.44	R	2.9 F	U	U	U	U		

Sample Location	Most Stringent Ecological Screening Value	TMC-2							
Sample ID		RI Results (TMCSD-8)	TMCSD0201AA	TMCSD0201BB	TMCSD0201CA	TMCSD0201DA	TMCSD0201EA		
Date of Collection		5/16/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010		
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	220 J	U	U	U	140 F	55 F		
1,2,4-trichlorobenzene	3400	U	U	U	U	U	U		
1,3-dichlorobenzene	1600	U	U	U	U	U	U		
1,4-dichlorobenzene	8500	200 J	U	U	U	62 F	29 F		
2-methylnaphthalene	65	360 J	U	U	U	24 F	U		
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U		
4-nitroaniline	500*	U	U	U	U	U	U		
acenaphthene	16	810 J	U	U	U	27 F	U		
acenaphthylene	--	230 J	U	U	U	30 F	U		
anthracene	85	1,600	30 F	U	U	68 F	25 F		
benzo(a)anthracene	261	6,300	84 F	U	20 F	340 F	130 F		
benzo(a)pyrene	370	4,600	75 F	U	U	370 F	140 F		
benzo(b)fluoranthene	--	5,400	100 F	U	19 F	790 F	240 F		
benzo(k)fluoranthene	240	4,700	37 F	U	U	210 F	80 F		
benzo(g,h,i)perylene	170	1,700	24 F	U	U	110 F	59 F		
benzyl alcohol	--	U	U	U	U	U	U		
benzoic acid	--	U	U	U	U	U	U		
bis(2-ethylhexyl) phthalate	10453.8	1000 J	26 F	47 F	30 F	49 F	63 F		
benzyl butyl phthalate	50000	U	U	U	U	U	U		
chrysene	340	5,300	81 F	U	U	430 F	150 F		
di-n-butyl phthalate	--	U	U	U	U	U	U		
di-n-octyl phthalate	50000	U	U	U	U	U	50 F		
dibenz(a,h)anthracene	60	970 J	U	U	U	UM	U		
dibenzofuran	2000	660 J	U	U	U	U	U		
diethyl phthalate	7100	U	U	40 F	U	U	U		
fluoranthene	600	11,000	150 F	U	32 F	690 F	260 F		
fluorene	35	1,000 J	U	U	U	36 F	U		
indeno(1,2,3-c,d)pyrene	200	2,300	U	U	U	U	U		
naphthalene	13000	860 J	U	U	U	28 F	U		
nitrobenzene	200*	U	U	U	U	U	U		
phenanthrene	240	8,500	110 F	U	18 F	380 F	140 F		
pyrene	490	10,000	130 F	U	26 F	800 F	260 F		

Sample Location	Most Stringent Ecological Screening Value	TMC-2							
Sample ID		RI Results (TMCSD-8)	TMCSD0201AA	TMCSD0201BB	TMCSD0201CA	TMCSD0201DA	TMCSD0201EA		
Date of Collection		5/16/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010		
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	54,330	2,700	2,900	3,100	3,600	1,900		
antimony	2			U	U	U	0.38 F		
arsenic	6	26.7	1.7 F	1.1 F	1.5 F	3.8 F	6.7		
barium	--	95.7	11	14	9.5	17.0	21.0		
berylium	--	U	0.12 F	0.12 F	0.14 F	0.20 F	0.28 F		
cadmium	0.6	7.7	0.22 F	U	0.19 F	1.3	2.0		
calcium	--	14,600	2,700	4,000	860	2,200	2,900		
chromium	26	65.8	4	4.0	4.0	5.2	6.6		
cobalt	--	6.8	2.4	2.2	2.4	2.3	0.9		
copper	16	67.6	6.8	7.3	7.1	11	15		
iron	20,000	19,100	6,700	7,400	7,200	8,800	5,100		
lead	31	206	2.5 F	1.9 F	1.8 F	12	28		
magnesium	--	1,870	1,300	1,500	1,400	1,200	430		
manganese	460	119	180	110	180	160	89		
molybdenum	--	U	U	U	U	U	0.59 F		
nickel	16	22.9	5.2	5.4	5.6	7.3	3.9		
potassium	--	519	380	420	490	480	270		
selenium	--	U	U	0.41 F	U	U	0.65 F		
silver	1	6.8	U	U	U	U	0.26 F		
sodium	--	448	41 F	31 F	16 F	30 F	50 F		
thallium	--	U	U	U	0.77 F	U	U		
vanadium	--	77.3	6.4	6.4	5.9	9.1	8.3		
zinc	120	184	20	22	15	33	26		
mercury	0.15	0.4	0.00613 F	U	0.0069 F	0.050 F	0.081		
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U	U		
Aroclor 1260	5	6,600	28.5 F	16.7	13.2 F	84.0	71.7		
Pesticides (µg/Kg)									
alpha BHC	0.01	U	U	U	U	U	U		
beta BHC	0.04	U	U	U	U	U	U		
delta BHC	0.04	U	U	U	U	U	U		
gamma BHC (Lindane)	0.05	U	U	U	U	U	U		
alpha-Chlordane	0.05	U	0.41 F	U	U	U	U		
gamma-Chlordane	0.05	U	0.41 F	U	U	U	U		
p,p'-DDD	2	U	2.8 F	2.9 F	U	U	U		
p,p'-DDE	2	U	U	U	U	U	U		
p,p'-DDT	1	U	2.6 F	UM	U	U	U		
aldrin	--	U	2.8 F	U	U	U	U		
dieldrin	0.02	U	U	2.5 F	1.4 F	U	U		
endosulfan I	--	U	U	U	U	U	U		
endosulfan II	--	U	2.2 F	U	U	U	U		
endosulfan sulfate	--	U	U	U	U	U	U		
endrin	3	U	U	1.1 F	U	U	U		
endrin aldehyde	5*	U	1.7 F	U	U	U	U		
heptachlor	0.04	U	U	U	U	U	U		
heptachlor epoxide	0.03	U	0.63 F	U	U	U	U		
methoxychlor	31.44	U	UJ	U	U	67 F	U		

Sample Location	Most Stringent Ecological Screening Value	TMC-3							
Sample ID		RI Results (TMCSD-10)	TMCSD0301AA	TMCSD0301BB	TMCSD0301CA	TMCSD0301DA	TMCSD0301EA		
Date of Collection		5/15/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010		
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	97 J	U	U	U	U	U		
1,2,4-trichlorobenzene	3400	U	U	U	U	U	U		
1,3-dichlorobenzene	1600	U	U	U	U	U	U		
1,4-dichlorobenzene	8500	U	U	U	U	U	U		
2-methylnaphthalene	65	U	U	U	U	U	24 F		
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U		
4-nitroaniline	500*	U	U	U	U	U	U		
acenaphthene	16	120 J	U	U	U	U	U		
acenaphthylene	--	82 J	U	U	U	U	U		
anthracene	85	340 J	U	U	U	38 F	33 F		
benzo(a)anthracene	261	1,700	U	51 F	U	120 F	160 F		
benzo(a)pyrene	370	1,200	U	53 F	U	100 F	160 FM		
benzo(b)fluoranthene	--	1,700	U	79 F	U	230 F	300 FM		
benzo(k)fluoranthene	240	920	U	31 F	U	75 F	93 FM		
benzo(g,h,i)perylene	170	370 J	U	23 F	U	UM	UM		
benzyl alcohol	--	U	U	U	U	U	U		
benzoic acid	--	U	U	U	U	U	U		
bis(2-ethylhexyl) phthalate	10453.8	U	U	77 F	100 F	70 F	260 F		
benzyl butyl phthalate	50000	U	U	U	U	U	51 F		
chrysene	340	1,500	U	60 F	U	110 F	170 F		
di-n-butyl phthalate	--	U	U	U	U	U	U		
di-n-octyl phthalate	50000	U	U	U	U	U	62 F		
dibenz(a,h)anthracene	60	U	U	U	U	UM	UM		
dibenzofuran	2000	U	U	U	U	U	U		
diethyl phthalate	7100	U	U	47 F	U	U	U		
fluoranthene	600	2,800	U	110 F	U	220 F	300 F		
fluorene	35	200 J	U	U	U	U	U		
indeno(1,2,3-c,d)pyrene	200	440 J	U	U	U	U	U		
naphthalene	13000	87 J	U	U	U	U	U		
nitrobenzene	200*	U	U	U	U	U	U		
phenanthrene	240	1,700	U	59 F	U	150 F	170 F		
pyrene	490	2,400	U	99 F	U	230 F	270 F		

Sample Location	Most Stringent Ecological Screening Value	TMC-3							
Sample ID		RI Results (TMCSD-10)	TMCSD0301AA	TMCSD0301BB	TMCSD0301CA	TMCSD0301DA	TMCSD0301EA		
Date of Collection		5/15/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010		
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	3,030	2,100	3,600	3,000	3,500	3,800		
antimony	2	U	U	U	U	U	U		
arsenic	6	6.20	1.4 F	2.0 F	1.4 F	2.4 F	3.50		
barium	--	48.2	9.4	16	22	37	52		
berylium	--	0.54	0.16 F	0.17 F	0.13 F	0.15 F	0.22 F		
cadmium	0.6	1.6	0.23 F	0.30 F	0.15 F	0.21 F	0.57		
calcium	--	19400	2,200	4,400	900	5,300	9,200		
chromium	26	25.2	3.7	5.3	3.7	4.5	6.6		
cobalt	--	3.9	2.2	3.1	2.5	2.5	2.6		
copper	16	11	3.8	10	7.1	10	17		
iron	20,000	9,330	8,300	7,900	7,100	7,600	9,000		
lead	31	36.5	1.8 F	5.5	1.6 F	5.4	12		
magnesium	--	2,390	1,100	1,900	1,400	1,700	1,800		
manganese	460	135	64	210	210	140	470		
molybdenum	--	U	0.48 F	0.46 F	U	U	U		
nickel	16	8.6	4.1	7.5	5.4	6.7	7.4		
potassium	--	408	300	480	470	470	580		
selenium	--	U	U	0.40 F	U	U	.50 F		
silver	1	1.8	U	U	U	U	U		
sodium	--	260	24 F	42 F	18 F	34 F	66 F		
thallium	--	U	U	U	U	U	U		
vanadium	--	14.3	9.1	9.2	5.4	7.6	12		
zinc	120	63.6	12	30	15	28	63		
mercury	0.15	U	0.00677 F	0.012 F	0.0044 F	0.014 F	0.034 F		
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U	U		
Aroclor 1260	5	3400	U	38.1	3.76 F	47.5	234		
Pesticides (µg/Kg)									
alpha BHC	0.01	U	U	U	U	U	U		
beta BHC	0.04	U	U	U	U	U	U		
delta BHC	0.04	U	U	U	U	U	U		
gamma BHC (Lindane)	0.05	U	U	U	U	U	U		
alpha-Chlordane	0.05	U	U	U	U	U	U		
gamma-Chlordane	0.05	U	U	U	U	U	U		
p,p'-DDD	2	U	0.28 F	2.8 F	U	3.1 F	U		
p,p'-DDE	2	U	0.42 F	3.7 F	U	U	U		
p,p'-DDT	1	U	0.68 F	U	U	U	U		
aldrin	--	U	U	1.0 F	U	U	U		
dieldrin	0.02	U	0.51 F	6.5 F	U	5.4 F	U		
endosulfan I	--	U	U	U	U	U	U		
endosulfan II	--	U	0.2 F	U	U	U	U		
endosulfan sulfate	--	U	U	U	U	U	U		
endrin	3	U	U	U	U	U	U		
endrin aldehyde	5*	U	U	U	U	U	U		
heptachlor	0.04	U	U	U	U	U	U		
heptachlor epoxide	0.03	U	U	0.48 F	U	U	U		
methoxychlor	31.44	U	UJ	U	U	U	U		

Sample Location	Most Stringent Ecological Screening Value	TMC-4							
Sample ID		TMCSD0401AA	TMCSD0401BB	TMCSD0401CA	TMCSD0401DA	TMCSD0401EA			
Date of Collection		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010			
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	400 F	U	U	220 F	U			
1,2,4-trichlorobenzene	3400	U	U	U	U	U			
1,3-dichlorobenzene	1600	77 F	U	U	U	56 F			
1,4-dichlorobenzene	8500	1200 F	U	U	430 F	43 F			
2-methylnaphthalene	65	190 F	U	U	59 F	95 F			
4-chlorophenyl phenyl ether	--	150 F	U	U	U	U			
4-nitroaniline	500*	U	U	U	U	U			
acenaphthene	16	U	U	U	74 F	U			
acenaphthylene	--	220 F	U	U	49 F	62 F			
anthracene	85	130 F	U	U	110 F	100 F			
benzo(a)anthracene	261	380 F	27 F	350 F	360 F	330 F			
benzo(a)pyrene	370	460 F	27 F	240 F	390 F	230 FM			
benzo(b)fluoranthene	--	940 F	39 F	370 F	790 F	430 F			
benzo(k)fluoranthene	240	320 F	U	U	300 F	340 F			
benzo(g,h,i)perylene	170	210 F	U	U	UM	90 FM			
benzyl alcohol	--	U	U	U	U	U			
benzoic acid	--	U	U	U	U	U			
bis(2-ethylhexyl) phthalate	10453.8	U	60 F	U	150 F	120 F			
benzyl butyl phthalate	50000	U	U	U	U	U			
chrysene	340	620 F	32 F	270 F	420 F	240 F			
di-n-butyl phthalate	--	U	U	U	U	U			
di-n-octyl phthalate	50000	U	U	U	U	86 F			
dibenz(a,h)anthracene	60	80 F	U	U	UM	UM			
dibenzofuran	2000	U	U	U	57 F	60 F			
diethyl phthalate	7100	U	44 F	U	U	U			
fluoranthene	600	870 F	58 F	670 F	680 F	540 F			
fluorene	35	120 F	U	U	80 F	77 F			
indeno(1,2,3-c,d)pyrene	200	110 F	U	U	U	U			
naphthalene	13000	140 F	U	U	49 F	140 F			
nitrobenzene	200*	U	U	U	U	U			
phenanthrene	240	440 F	35 F	500 F	490 F	500 F			
pyrene	490	1,400 J	52 F	510 F	1,200 F	480 F			

Sample Location	Most Stringent Ecological Screening Value	TMC-4							
Sample ID		TMCSD0401AA	TMCSD0401BB	TMCSD0401CA	TMCSD0401DA	TMCSD0401EA			
Date of Collection		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010			
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	4,800	2,500	3,600	5,100	4,000			
antimony	2	U	U	U	U	U			
arsenic	6	9	2.1 F	2.2 F	12	4			
barium	--	43	24	34	58	36			
berylium	--	0.35 F	0.11 F	0.22 F	0.48 F	0.25 F			
cadmium	0.6	6.5	0.44 F	1.4	20	1.9			
calcium	--	4,900	2,700	3,600	3,800	3,800			
chromium	26	32	4.8	9.7	44	11			
cobalt	--	5.1	2.4	3	5.9	2.9			
copper	16	26	5.4	15	38	13			
iron	20,000	9,700	6,400	7,500	9,800	7,400			
lead	31	55	8	21	68	25			
magnesium	--	2,600	1,600	1,900	1,900	2,000			
manganese	460	160	260	130	160	130			
molybdenum	--	0.86 F	U	U	U	U			
nickel	16	15	5.5	8.7	19	13			
potassium	--	490	320	370	410	380			
selenium	--	0.61 F	0.45 F	0.46 F	U	0.42 F			
silver	1	0.81 F	U	0.21 F	1.0 F	0.22 F			
sodium	--	48 F	27 F	31 F	51 F	84			
thallium	--	U	U	0.83 F	U	U			
vanadium	--	16	5.7	12	21	17			
zinc	120	100	34	69	130	65			
mercury	0.15	0.0747 F	0.010 F	0.040 F	0.17 F	0.040 F			
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U			
Aroclor 1260	5	570	67.1	433	304	339			
Pesticides (µg/Kg)									
alpha BHC	0.01	U	U	U	U	U			
beta BHC	0.04	2.7 F	U	U	U	U			
delta BHC	0.04	16 F	U	U	U	U			
gamma BHC (Lindane)	0.05	2 F	U	U	U	U			
alpha-Chlordane	0.05	35 F	U	U	U	U			
gamma-Chlordane	0.05	22 F	U	17 J	U	U			
p,p'-DDD	2	59	4.5 J	11	60 F	U			
p,p'-DDE	2	15	U	U	U	U			
p,p'-DDT	1	81 J	UM	U	U	46 F			
aldrin	--	U	U	U	U	U			
dieldrin	0.02	56 J	6.8 J	28 J	45 F	U			
endosulfan I	--	U	U	U	U	U			
endosulfan II	--	57 F	3.9 F	18 J	U	U			
endosulfan sulfate	--	U	U	U	U	U			
endrin	3	7 F	U	U	U	U			
endrin aldehyde	5*	39 J	U	U	U	U			
heptachlor	0.04	2 F	U	U	U	U			
heptachlor epoxide	0.03	110 J	0.75 F	U	U	U			
methoxychlor	31.44	14 F	U	U	U	U			

Sample Location	Most Stringent Ecological Screening Value	TMC-5							
Sample ID		TMCSD0501AA	TMCSD0501BB	TMCSD0501CA	TMCSD0501DA	TMCSD0501EA			
Date of Collection		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010			
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	63 F	U	U	19 F	28 F			
1,2,4-trichlorobenzene	3400	U	U	U	U	U			
1,3-dichlorobenzene	1600	U	U	U	U	U			
1,4-dichlorobenzene	8500	33 F	U	U	U	22 F			
2-methylnaphthalene	65	44 F	U	U	U	26 F			
4-chlorophenyl phenyl ether	--	U	U	U	U	U			
4-nitroaniline	500*	U	U	U	U	U			
acenaphthene	16	23 F	U	U	U	U			
acenaphthylene	--	110 F	U	U	U	U			
anthracene	85	79 F	30 F	U	35 F	54 F			
benzo(a)anthracene	261	320 F	120 F	190 F	160 F	350 F			
benzo(a)pyrene	370	380 F	120 F	U	150 F	260 F			
benzo(b)fluoranthene	--	550 F	190 F	U	310 F	480 FM			
benzo(k)fluoranthene	240	180 F	82 F	U	98 F	94 FM			
benzo(g,h,i)perylene	170	170 F	44 F	U	U	180 FM			
benzyl alcohol	--	U	U	U	U	U			
benzoic acid	--	U	U	U	U	U			
bis(2-ethylhexyl) phthalate	10453.8	U	63 F	U	56 F	180 F			
benzyl butyl phthalate	50000	U	U	U	U	U			
chrysene	340	430 F	140 F	U	170 F	260 F			
di-n-butyl phthalate	--	U	U	U	U	63 F			
di-n-octyl phthalate	50000	U	U	U	U	U			
dibenz(a,h)anthracene	60	52 F	U	U	U	UM			
dibenzofuran	2000	41 F	U	U	U	U			
diethyl phthalate	7100	41 F	50 F	U	U	U			
fluoranthene	600	770 F	240 F	230 F	280 F	540 F			
fluorene	35	68 F	U	U	U	25 F			
indeno(1,2,3-c,d)pyrene	200	140 F	25 F	U	U	U			
naphthalene	13000	55 F	U	U	U	24 F			
nitrobenzene	200*	U	U	U	U	U			
phenanthrene	240	570 F	140 F	U	170 F	270 F			
pyrene	490	750 F	240 F	200 F	330 F	460 F			

Sample Location	Most Stringent Ecological Screening Value	TMC-5							
Sample ID		TMCSD0501AA	TMCSD0501BB	TMCSD0501CA	TMCSD0501DA	TMCSD0501EA			
Date of Collection		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010			
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	11,000	3,600	3,500	4,600	3,600			
antimony	2	U	U	U	U	U			
arsenic	6	13	2.1 F	1.5 F	3.1 F	2.7 F			
barium	--	66	34	27	31	52			
berylium	--	0.55 F	0.18 F	0.16 F	0.24 F	0.22 F			
cadmium	0.6	6.6	0.53 F	0.62 F	1.0	0.91			
calcium	--	2,200	3,700	2,000	3,700	9,900			
chromium	26	21	6	5.2	7.6	7.2			
cobalt	--	7.1	2.8	2.7	3.2	2.6			
copper	16	30	13	9.9	16	16			
iron	20,000	18,000	8,300	7,800	9,300	7,900			
lead	31	44	9.0	6	16	16			
magnesium	--	2,100	1,600	1,500	1,800	1,500			
manganese	460	390	180	120	310	230			
molybdenum	--	0.55 F	U	U	U	U			
nickel	16	14	7.1	6.3	9.2	7.9			
potassium	--	580	460	490	520	510			
selenium	--	1.1 F	0.54 F	0.33 F	U	U			
silver	1	0.57 F	U	U	U	0.20 F			
sodium	--	60 F	56 F	32 F	61 F	100			
thallium	--	U	U	U	U	U			
vanadium	--	22	8.6	7.4	14	11			
zinc	120	84	33	25	49	52			
mercury	0.15	0.116 F	0.024 F	0.012 F	0.054 F	0.044 F			
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U			
Aroclor 1260	5	111	116	74.6	211	604 J			
Pesticides (µg/Kg)									
alpha BHC	0.01	0.22 F	U	U	U	U			
beta BHC	0.04	U	U	U	U	U			
delta BHC	0.04	0.97 F	U	U	U	U			
gamma BHC (Lindane)	0.05	U	U	U	U	U			
alpha-Chlordane	0.05	8.3 J	U	U	U	U			
gamma-Chlordane	0.05	41 J	U	U	U	U			
p,p'-DDD	2	10	5.5 J	U	U	U			
p,p'-DDE	2	2 J	1.8 F	U	U	U			
p,p'-DDT	1	19 J	UM	14 J	U	U			
aldrin	--	U	U	U	U	U			
dieldrin	0.02	12 J	13 J	9.3 J	24 F	U			
endosulfan I	--	U	U	U	U	U			
endosulfan II	--	11 J	U	U	U	U			
endosulfan sulfate	--	U	U	U	U	U			
endrin	3	4.2 J	U	U	U	U			
endrin aldehyde	5*	0.92 J	U	U	U	U			
heptachlor	0.04	U	U	U	U	U			
heptachlor epoxide	0.03	2 F	2.4 J	U	U	U			
methoxychlor	31.44	2.6 F	U	U	U	U			

Sample Location	Most Stringent Ecological Screening Value	TMC-6							
Sample ID		RI Results (TMCSD-4)	TMCSD0601AA	TMCSD0601BB	TMCSD0601CA	TMCSD0601DA	TMCSD0601EA		
Date of Collection		5/15/1994	10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010		
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	U	U	U	U	U	U		
1,2,4-trichlorobenzene	3400	U	U	U	U	U	U		
1,3-dichlorobenzene	1600	U	U	U	U	U	U		
1,4-dichlorobenzene	8500	U	U	U	U	U	U		
2-methylnaphthalene	65	U	U	U	U	92 F	U		
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U		
4-nitroaniline	500*	U	U	U	U	U	U		
acenaphthene	16	15 J	U	U	U	200 F	21 F		
acenaphthylene	--	9 J	U	U	U	U	39 F		
anthracene	85	60 J	41 F	U	U	980 F	80 F		
benzo(a)anthracene	261	U	99 F	47 F	19 F	U	370 F		
benzo(a)pyrene	370	160 J	91 F	60 F	19 F	2,400 F	220 F		
benzo(b)fluoranthene	--	190 J	140 F	100 F	U	4,800 J	510 FM		
benzo(k)fluoranthene	240	99 J	47 F	51 F	U	1,500 F	130 FM		
benzo(g,h,i)perylene	170	140 J	43 F	32 F	U	550 F	110 FM		
benzyl alcohol	--	U	U	U	U	U	U		
benzoic acid	--	5 J	U	U	U	U	U		
bis(2-ethylhexyl) phthalate	10453.8	540 J	190 F	390 F	U	430 F	350 F		
benzyl butyl phthalate	50000	540 J	U	U	U	U	28 F		
chrysene	340	180 J	110 F	79 F	U	3,500 J	280 F		
di-n-butyl phthalate	--	U	U	U	U	U	U		
di-n-octyl phthalate	50000	U	U	30 F	U	U	U		
dibenz(a,h)anthracene	60	U	U	U	U	UM	UM		
dibenzofuran	2000	U	U	U	U	130 F	28 F		
diethyl phthalate	7100	U	33 F	47 F	U	U	U		
fluoranthene	600	350 J	200 F	110 F	29 F	5,600 J	730 F		
fluorene	35	U	U	U	U	360 F	47 F		
indeno(1,2,3-c,d)pyrene	200	U	37 F	U	U	U	U		
naphthalene	13000	U	23 F	U	U	U	U		
nitrobenzene	200*	U	U	U	U	U	U		
phenanthrene	240	260 J	160 F	50 F	18 F	5,000 J	530 F		
pyrene	490	430 J	180 F	140 F	25 F	9,300 J	560 F		

Sample Location	Most Stringent Ecological Screening Value	TMC-6							
Sample ID		RI Results (TMCSD-4)	TMCSD0601AA	TMCSD0601BB	TMCSD0601CA	TMCSD0601DA	TMCSD0601EA		
Date of Collection		5/15/1994	10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010		
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	1960 J	3,300	2,700	3,200 M	2,900	3,100		
antimony	2	U	U	U	UM	U	U		
arsenic	6	1 J	1.9 F	1.0 F	1.3 F	2.5 F	1.2 F		
barium	--	61.8	12	15	11	U	19.0		
berylium	--	U	0.17 F	0.10 F	0.14 F	0.13 F	0.14 F		
cadmium	0.6	U	0.24 F	0.044 F	0.17 F	U	U		
calcium	--	27400 J	3,400	5,800	2,200	37,000	13,000		
chromium	26	9.0	5.3	5.0	4.1	5.4	9.0		
cobalt	--	2.3	3.1	1.9	2.4	1.8	1.7		
copper	16	11.7 J	9.3	8.8	7.4	12	21		
iron	20,000	7,720	7,600	6,200	7,500 M	11,000	7,100		
lead	31	59.8 J	3.5 F	4.1	1.8 F	10	12		
magnesium	--	1,720	1,800	1,700	1,700	2,300	2,100		
manganese	460	118	250	59	140	200	90		
molybdenum	--	U	U	U	U	U	U		
nickel	16	4.8 J	6.4	5.3	5.6	7.7	5.9		
potassium	--	265 J	470	420	490	390	620		
selenium	--	U	U	0.28 F	0.3 F	U	U		
silver	1	U	U	U	U	U	U		
sodium	--	209	50 F	34 F	35 F	55 F	75		
thallium	--	U	U	U	U	U	U		
vanadium	--	6.1 J	6.9	6.0	6.1	7.5	10.0		
zinc	120	82.9	20	32	15	60	41		
mercury	0.15	U	0.0149 F	0.0048 F	0.0050 F	U	0.011 F		
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	16.7 F	U	U	U		
Aroclor 1260	5	U	8.75 F	U	U	U	U		
Pesticides (µg/Kg)									
alpha BHC	0.01	U	U	U	U	U	U		
beta BHC	0.04	U	U	U	U	U	U		
delta BHC	0.04	U	U	U	U	U	U		
gamma BHC (Lindane)	0.05	U	U	U	U	U	U		
alpha-Chlordane	0.05	U	3.5 J	U	U	U	U		
gamma-Chlordane	0.05	U	2.5 J	U	1.7 F	U	U		
p,p'-DDD	2	U	0.78 F	2.1 F	U	U	U		
p,p'-DDE	2	U	0.22 F	U	U	U	U		
p,p'-DDT	1	U	1.8 F	UM	2.2 F	1.4 F	U		
aldrin	--	U	U	U	U	U	U		
dieldrin	0.02	U	1.6 F	3.3 F	U	U	U		
endosulfan I	--	U	U	U	U	U	U		
endosulfan II	--	U	1.1 F	U	U	U	U		
endosulfan sulfate	--	U	U	U	U	U	U		
endrin	3	U	0.83 F	U	U	U	U		
endrin aldehyde	5*	U	U	U	U	U	U		
heptachlor	0.04	U	U	U	U	U	U		
heptachlor epoxide	0.03	U	0.83 F	U	U	U	U		
methoxychlor	31.44	U	UJ	U	U	U	U		

Sample Location	Most Stringent Ecological Screening Value	TMC-7							
Sample ID		RI Results (LF5SD-3)	TMCSD0701AA	TMCSD0701BB	TMCSD0701CA	TMCSD0701DA	TMCSD0701EA		
Date of Collection		5/15/1994	10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010		
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	U	190 F	2100 F	U	28 F	U		
1,2,4-trichlorobenzene	3400	U	U	48 F	U	U	U		
1,3-dichlorobenzene	1600	U	U	34 F	U	U	U		
1,4-dichlorobenzene	8500	U	260 F	270 F	U	37 F	19 F		
2-methylnaphthalene	65	U	61 F	89 F	U	U	U		
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U		
4-nitroaniline	500*	U	U	U	U	U	U		
acenaphthene	16	U	U	U	U	U	U		
acenaphthylene	--	U	U	U	U	U	U		
anthracene	85	U	35 F	37 F	U	U	U		
benzo(a)anthracene	261	U	110 F	480 F	U	47 F	22 F		
benzo(a)pyrene	370	U	110 F	510 F	U	44 F	U		
benzo(b)fluoranthene	--	140 J	160 F	770 F	U	120 F	U		
benzo(k)fluoranthene	240	72 J	75 F	370 F	U	22 F	U		
benzo(g,h,i)perylene	170	U	44 F	210 F	U	U	U		
benzyl alcohol	--	180 J	U	U	U	U	U		
benzoic acid	--	4,200	U	U	U	U	U		
bis(2-ethylhexyl) phthalate	10453.8	1,300	52 F	260 F	30 F	41 F	76 F		
benzyl butyl phthalate	50000	U	U	U	U	U	U		
chrysene	340	220 J	13 F	450 F	U	46 F	U		
di-n-butyl phthalate	--	U	U	U	U	U	U		
di-n-octyl phthalate	50000	U	U	U	U	U	35 F		
dibenz(a,h)anthracene	60	U	U	71 F	U	U	U		
dibenzofuran	2000	U	U	U	U	U	U		
diethyl phthalate	7100	U	29 F	53 F	U	U	U		
fluoranthene	600	150 J	230 F	460 F	U	75 F	32 F		
fluorene	35	U	U	U	U	U	U		
indeno(1,2,3-c,d)pyrene	200	U	33 F	U	U	U	U		
naphthalene	13000	U	43 F	41 F	U	U	U		
nitrobenzene	200*	U	U	U	U	U	U		
phenanthrene	240	100 J	150 F	120 F	U	43 F	27 F		
pyrene	490	270 J	230 F	610 F	U	76 F	26 F		

Sample Location	Most Stringent Ecological Screening Value	TMC-7							
Sample ID		RI Results (LF5SD-3)	TMCSD0701AA	TMCSD0701BB	TMCSD0701CA	TMCSD0701DA	TMCSD0701EA		
Date of Collection		5/15/1994	10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010		
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	3,420	3,200	6,500	3,000	3,800	2,800		
antimony	2	U	U	U	U	U	0.32 F		
arsenic	6	U	2.3 F	5.7 F	1.3 F	2.4 F	2.0 F		
barium	--	5.9	18	42	15	20	18		
berylium	--	29	0.18 F	0.34 F	0.13 F	0.19 F	0.13 F		
cadmium	0.6	U	0.44 F	0.23 F	0.18 F	0.32 F	U		
calcium	--	9,850	1,100	62,000	2,500	3,400	2,700		
chromium	26	6.7	4.8	12	4	4.7	3.2		
cobalt	--	3.2	3.1	4.0	2.3	2.9	2		
copper	16	10.6	7.5	9.8	7.1	9.8	5.6		
iron	20,000	10,200	6,900	9,800	7,100	8,500	6,500		
lead	31	39.6	4.4	7.6	1.9 F	4.8	2.3		
magnesium	--	2,890	1,700	2,700	1,500	1,800	1,400		
manganese	460	476	190	230	280	610	180		
molybdenum	--	U	0.34 F	1.3 F	U	U	U		
nickel	16	8.2	11	19	6.2	9.4	6		
potassium	--	514	450	450	450	540	470		
selenium	--	U	U	0.57 F	0.27 F	U	U		
silver	1	U	U	U	U	U	U		
sodium	--	357	44 F	71 F	48 F	64 F	24 F		
thallium	--	U	U	U	U	U	U		
vanadium	--	13.2	20	67	7.1	13	7.8		
zinc	120	51.6	63	120	21	44	21		
mercury	0.15	0.29	0.0180 F	0.035 F	0.0091 F	0.019 F	0.010 F		
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U	U		
Aroclor 1260	5	7,500 J	115	101	7.97 F	54.7	28.3		
Pesticides (µg/Kg)									
alpha BHC	0.01	U	UJ	U	U	U	U		
beta BHC	0.04	U	UJ	U	U	U	U		
delta BHC	0.04	U	UJ	U	U	U	U		
gamma BHC (Lindane)	0.05	U	UJ	U	U	U	U		
alpha-Chlordane	0.05	24 J	0.99 F	0.93 F	U	U	U		
gamma-Chlordane	0.05	U	0.68 F	U	U	U	U		
p,p'-DDD	2	U	3.9 F	3.8 F	0.87 F	1.8 F	U		
p,p'-DDE	2	U	0.28 F	U	U	U	U		
p,p'-DDT	1	U	5.2 J	UM	2.3 F	U	U		
aldrin	--	U	UJ	U	U	U	U		
dieldrin	0.02	U	4.8 J	6.5	1.5 F	2.9 F	U		
endosulfan I	--	U	0.229 F	U	U	U	U		
endosulfan II	--	U	4.3 F	6.4 J	1.4 F	U	U		
endosulfan sulfate	--	U	UJ	U	U	U	U		
endrin	3	U	1.7 F	U	U	U	U		
endrin aldehyde	5*	U	3 F	U	1.1 F	U	U		
heptachlor	0.04	U	UJ	U	U	U	U		
heptachlor epoxide	0.03	U	0.68 F	1.3 F	U	U	U		
methoxychlor	31.44	U	1.0 F	U	1.2 F	U	U		

Sediment:

B - Result is a positive value, however, the analyte was detected in an associated blank above the RL.
F - The analyte was positively identified above the MDL, however, the concentration is below the RL.
J - The analyte was positively identified, but the quantitation is an estimation.
M - A matrix effect was present.
NA - not analyzed
R - The data was rejected because QA/QC criteria were not met during the analysis.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.
UJ - The analyte was analyzed for, but not detected. The quantitation is an approximation.
UM – The analyte was analyzed for, but not detected. A matrix effect was present.
BHC – hexachlorocyclohexane
1 - This value is the most stringent criterion for ecological endpoints derived from Table 2-3a in the Final Three Mile Creek Feasibility Study Addendum (E&E, July 2002).
2 - The most stringent criterion for metals have been derived from Table 2 in Technical Guidance for Screening Contaminated Sediments (NYSDEC, January 1999).
- - This analyte was not sampled for in the 1993/4 RI.
-- - No most stringent ecological screening value is known for this compound.
 - Indicates an exceedance of the Most Stringent Ecological Screening Value.

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Sample Location 1 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7
Sample ID				TMCFS0101AA	TMCFS0102AA	TMCFS0103AA	TMCFS0104AA	TMCFS0105AA	TMCFS0106AA	TMCFS0107AA
Sample description *				CO sample of 2 CC	CO sample of 1 CC	CO sample of 3 WS	CO sample of 2 CC	CO sample of 8 CC	CO sample of 8 CC	CO sample of 1WS
Date of Collection				10/12/2006	10/12/2006	10/12/2006	10/12/2006	10/12/2006	10/12/2006	10/12/2006
Metals (mg/Kg)										
cadmium	-	-	1.26 J	U	U	U	U	U	U	U
mercury	-	1	0.12 J - 0.23	0.040 F	0.046 F	0.036 F	0.054 F	0.073 F	0.039 F	0.033 F
PCBs (µg/Kg)										
aroclor 1016	- [1]	- [2]	-	U	U	U	U	U	U	U
aroclor 1221	- [1]	- [2]	-	U	U	U	U	U	U	U
aroclor 1232	- [1]	- [2]	-	U	U	U	U	U	U	U
aroclor 1242	- [1]	- [2]	-	U	U	U	U	U	U	U
aroclor 1248	- [1]	- [2]	-	U	U	U	U	U	U	U
aroclor 1254	- [1]	- [2]	-	U	U	U	U	U	U	U
aroclor 1260	- [1]	- [2]	290 - 32,500	1,110	1,640	902	1,500	1,480	1,540	2,890
Sum of all PCB congeners	110	2,000	-	1,110	1,640	902	1,500	1,480	1,540	2,890
Pesticides (µg/Kg)										
alpha BHC	100	-	- [8]	U	21 F	U	U	1.9 F	1.9 F	U
beta BHC	100	-	2.08 J	U	U	U	20 J	U	78 J	U
delta BHC	100	-	- [8]	U	26 J	U	U	U	U	U
gamma BHC (Lindane)	100	-	- [8]	U	U	U	U	61 J	61 J	U
alpha-Chlordane	500	300 [3]	220	9.3 F	34 F	13 F	11 F	10 F	6.7 F	11 F
gamma-Chlordane	500	300 [3]	- [8]	U	45 J	22 J	72 J	U	U	99 J
p,p'-DDD	200	5,000 [4]	- [8]	19 F	13 F	16 F	23 F	31 F	29 F	39 F
p,p'-DDE	200	5,000 [4]	- [8]	30 F	25	41 J	41 J	56 J	U	U
p,p'-DDT	200	5,000 [4]	- [8]	99 J	230 J	80 J	170 J	150 J	150 J	240 J
aldrin	120	300 [5]	1.73 J - 115 J	U	U	U	U	U	U	U
dieldrin	120	300 [5]	- [8]	74 J	U	66 J	120 J	120 J	120 J	210 J
alpha endosulfan	-	-	- [8]	U	U	U	U	U	U	U
beta endosulfan	-	-	- [8]	U	U	U	U	U	U	U
endosulfan I	-	-	- [8]	U	9.6 J	8.7 F	12 F	U	5.1 F	20 F
endosulfan II	-	-	- [8]	U	U	U	2.6 F	U	U	U
endosulfan sulfate	-	-	- [8]	U	U	U	5.3 F	4.7 F	12 F	U
endrin	25	300 [6]	- [8]	53 J	37 J	32 F	U	56 J	56 J	120 J
endrin aldehyde	-	300 [6]	- [8]	U	UJ	U	U	U	U	U
heptachlor	200	300 [7]	- [8]	15 F	7.3	19 B	17 J	17 J	24 F	3.1 J
heptachlor epoxide	200	300 [7]	- [8]	36 J	27 J	11 F	31 J	25 J	25 J	37 J
methoxychlor	-	-	- [8]	U	12 F	U	3.7 F	4.0 F	4.0 F	10 F
toxaphene	-	5,000	- [8]	U	U	U	U	U	U	U
Other measurements										
% Lipid	-	-	-	0.622	1.48	1.03	1.28	2.58	1.95	0.632
Initial Weight (g)	-	-	-	41.1	48.3	52.3	38	41	25.9	65.1
% Whole Fish [9]	-	-	-	NA	NA	NA	NA	NA	NA	NA

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Sample Location 2 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID				TMCFS0201AA	TMCFS0202AA	TMCFS0203AA	TMCFS0204AA	TMCFS0205AA	TMCFS0206AA	TMCFS0207AA	TMCFS0208AA	TMCFS0209AA	TMCFS0210AA
Sample description *				CO sample of 1 CC	CO sample of 12 CC	CO sample of 15 CC	CO sample of 11 CC	CO sample of 1 WS	CO sample of 3 WS	CO sample of 19 WS	CO sample of 14 WS	CO sample of 9 WS	CO sample of 14 TP
Date of Collection				10/12/2006	10/12/2006	10/12/2006	10/12/2006	10/12/2006	10/12/2006	10/12/2006	10/12/2006	10/12/2006	10/12/2006
Metals (mg/Kg)													
cadmium	-	-	- [8]	0.047 F	U	U	U	U	U	U	U	U	0.076 F
mercury	-	1	0.63 - 0.64	0.088 F	0.047 F	0.052 F	0.055 F	0.050 F	0.052 F	0.057 F	0.059 F	0.057 F	0.010 F
PCBs (µg/Kg)													
aroclor 1016	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U	U
aroclor 1221	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U	U
aroclor 1232	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U	U
aroclor 1242	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U	U
aroclor 1248	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U	U
aroclor 1254	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U	U
aroclor 1260	- [1]	- [2]	71 J - 146 J	1220	1160	1140	1130	745	1,190	1,370	1,120	1,220	250
Sum of all PCB congeners	110	2,000	-	1,220	1,160	1,140	1,130	745	1,190	1,370	1,120	1,220	250
Pesticides (µg/Kg)													
alpha BHC	100	-	10.5 J	U	U	UJ	U	U	U	U	U	U	5.7 J
beta BHC	100	-	- [8]	58 J	61 J	UJ	28 J	U	59 J	13 F	44 J	U	33 J
delta BHC	100	-	5 J	U	U	16 F	31 J	U	2.5 F	U	7.3 F	U	25 J
gamma BHC (Lindane)	100	-	- [8]	U	15 F	UJ	U	U	72 J	U	U	U	5.8 J
alpha-Chlordane	500	300 [3]	- [8]	U	U	4.3 F	6.7 F	8.7 F	7.7 F	7.0 F	24 J	24 J	2.3 F
gamma-Chlordane	500	300 [3]	- [8]	U	U	38 J	38 J	29 J	U	U	U	U	UJ
p,p'-DDD	200	5,000 [4]		22 F	19 F	12 F	23 F	12 F	24 F	23 F	25 F	19 F	20 F
p,p'-DDE	200	5,000 [4]	160 - 210	87 J	38 J	27 F	57 J	19 F	32 F	45 J	44 J	43 J	4.1 F
p,p'-DDT	200	5,000 [4]	10.9 J	130 J	120 J	150 J	110 J	84 J	140 J	150 J	120 J	140 J	48 J
aldrin	120	300 [5]	- [8]	U	U	UJ	U	U	2.5 F	U	U	U	UJ
dieldrin	120	300 [5]	- [8]	93 J	76 J	61 J	83 J	55 J	86 J	110 J	90 J	89 J	13 J
alpha endosulfan	-	-	- [8]	U	U	UJ	U	U	U	U	U	U	UJ
beta endosulfan	-	-	- [8]	U	U	UJ	U	U	U	U	U	U	UJ
endosulfan I	-	-	- [8]	U	U	2.1 F	2.6 F	4.3 F	6.0 F	8.0 F	5.3 F	8.0 F	0.93 F
endosulfan II	-	-	- [8]	U	U	U	U	U	U	2.0 F	U	U	UJ
endosulfan sulfate	-	-	- [8]	U	9.7 F	UJ	8.7 F	9.7 F	U	14 F	15 F	11 F	15 J
endrin	25	300 [6]	- [8]	47 J	42 J	34 J	37 J	35 J	60 J	57 J	76 J	50 J	7.4 J
endrin aldehyde	-	300 [6]	- [8]	U	U	UJ	U	U	U	U	U	U	2.6 F
heptachlor	200	300 [7]	- [8]	22 J	21 J	33 J	18 J	12 F	21 J	14 F	22 J	18 J	4.6 J
heptachlor epoxide	200	300 [7]	28	32 J	24 J	20 J	32 J	13 F	25 J	36 J	29 J	36 J	4.7 J
methoxychlor	-	-	13.8 J	3.3 F	7.0 F	3.2 F	11 F	4.7 F	U	11 F	10 F	7.3 F	UJ
toxaphene	-	5,000	- [8]	U	U	UJ	U	U	U	U	U	U	UJ
Other measurements													
% Lipid	-	-	-	2.18	1.49	2.43	3.68	0.486	0.726	1.69	1.73	1.09	1.01
Initial Weight (g)	-	-	-	40.6	46.8	39	39.1	56.4	41.4	57.3	40.6	52.1	40.6
% Whole Fish [9]	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Sample Location 3 Fish Tissue Analytical Results

Fish Sample ID				TMCFS0301AA combined with TMCFS0308AA			TMCFS0302AA combined with TMCFS0309AA			TMFS0303AA becomes 2 Samples		
Sample ID	**NYSDEC Pisc. Wildlife Criteria**	**NYSDOH Fish Advisory Guideline**	**1993/4 RI Results (LAW, Dec 1996).**	**TMCFS0318WF**	**TMCFS0318HG**	**Whole fish (mathematically combined).**	**TMCFS0329WF**	**TMCFS0329HG**	**Whole fish (mathematically combined).**	**TMCFS0303WF**	**TMCFS0303HG**	**Whole fish (mathematically combined).**
Sample description *				**WF sample of 2 CC**	**OF sample of 2 CC**		**WF sample of 1 CC and WS**	**OF sample of 1 CC and WS**		**WF sample of 1 WS**	**OH sample of 1 WS**	
Date of Collection				**10/13/2006**	**10/13/2006**		**10/13/2006**	**10/13/2006**		**10/13/2006**	**10/13/2006**	
Metals (mg/Kg)												
cadmium	-	-	1.49 J - 2.55 J	U	0.19 F	0.07	U	0.43 F	0.15	U	0.037 F	0.01
mercury	-	1	0.22 - 0.29	0.084 F	0.064 F	0.08	0.086 F	0.039 F	0.07	0.048 F	0.031 F	0.04
PCBs (µg/Kg)												
aroclor 1016	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U
aroclor 1221	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U
aroclor 1232	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U
aroclor 1242	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U
aroclor 1248	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U
aroclor 1254	- [1]	- [2]	- [8]	U	U	U	U	U	U	U	U	U
aroclor 1260	- [1]	- [2]	28 J - 14,100	544	1,800 J	1018.74	576	1,820	998.70	934	3,270	1858.13
Sum of all PCB congeners	110	2,000	-	544	1,800	1018.74	576	1,820	998.70	934	3,270	1858.13
Pesticides (µg/Kg)												
alpha BHC	100	-	- [8]	U	U	U	UJ	UJ	U	UJ	UJ	U
beta BHC	100	-	- [8]	U	U	U	UJ	UJ	U	UJ	UJ	U
delta BHC	100	-	- [8]	U	U	U	UJ	UJ	U	UJ	UJ	U
gamma BHC (Lindane)	100	-	- [8]	U	37 J	13.99	UJ	UJ	U	UJ	UJ	U
alpha-Chlordane	500	300[3]	82 J - 97 J	4 F	18 J	9.29	7 F	10 F	8.02	8 F	15 F	10.77
gamma-Chlordane	500	300[3]	- [8]	9.3 F	U	5.78	9.3 F	34 J	17.69	17 J	47 J	28.87
p,p'-DDD	200	5,000[4]	- [8]	12 F	42 J	23.34	29 F	35 J	31.04	23 F	65 J	39.62
p,p'-DDE	200	5,000[4]	150 J - 190 J	66 J	150 J	97.75	46 J	88 J	60.27	25 F	71 J	43.20
p,p'-DDT	200	5,000[4]	- [8]	U	22 J	8.32	100 J	250 J	150.97	UJ	UJ	U
aldrin	120	300[5]	62 J - 98 J	2.7 F	4.43 F	3.35	UJ	2.29 F	0.78	UJ	2 F	0.79
dieldrin	120	300[5]	- [8]	19 F	130 J	60.96	47 J	110 J	68.41	UJ	UJ	U
alpha endosulfan	-	-	- [8]	U	U	U	UJ	UJ	U	UJ	UJ	U
beta endosulfan	-	-	- [8]	U	U	U	UJ	UJ	U	UJ	UJ	U
endosulfan I	-	-	- [8]	U	U	U	U	U	U	6 F	U	3.63
endosulfan sulfate	-	-	- [8]	U	5.7 F	2.15	UJ	5.3 F	1.80	3.2 F	9.7 F	5.77
endrin	25	300[6]	- [8]	15 F	44.3 J	26.07	15 F	41 J	23.83	29 F	71 J	45.62
endrin aldehyde	-	300[6]	- [8]	U	U	U	UJ	UJ	U	UJ	UJ	U
heptachlor	200	300[7]	- [8]	U	12 F	4.54	2.7 F	13 F	6.20	6.7 F	15 F	9.98
heptachlor epoxide	200	300[7]	- [8]	8.3 F	26 J	14.99	15 F	20 J	16.70	9.7 F	28 J	16.94
methoxychlor	-	-	- [8]	4.7 F	14 J	8.22	4.7 F	14 F	7.86	7.7 F	49 F	24.04
toxaphene	-	5,000	- [8]	U	U	U	UJ	UJ	U	UJ	UJ	U
Other measurements												
% Lipid	-	-	-	0.259	2.63	1.16	0.184	1.2	0.53	0	1.19	0.47
Initial Weight (g)	-	-	-	62.7	38.1	100.8	95.4	49.1	144.5	66	43.2	109.2
% Whole Fish [9]	-	-	-	62.2%			66.0%			60.4%		

2006

Sample Location 3 Fish Tissue Analytical Results

Fish Sample ID				TMFS0304AA becomes 2 Samples			TMCFS0305AA combined with TMCFS0307AA			TMCFS0306AA - MS/MSD Sample	TMCFS0310AA - MS/MSD Sample
Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	TMCFS0304WF	TMCFS0304HG	Whole fish (mathematically combined).	TMCFS0357WF	TMCFS0357HG	Whole fish (mathematically combined).	TMCFS0306AA	TMCFS0310AA
Sample description *				WF sample of 1 WS	OH sample of 1 WS		WF sample of 2CC and 1 WS	OF sample of 2 CC and 1 WS		CO sample of 6 WS	CO sample of 4 CC
Date of Collection				10/13/2006	10/13/2006		10/13/2006	10/13/2006		10/13/2006	10/13/2006
Metals (mg/Kg)											
cadmium	-	-	1.49 J - 2.55 J	U	0.088 F	0.04	U	0.18 F	0.07	U	0.33 F
mercury	-	1	0.22 - 0.29	0.077 F	0.046 F	0.06	0.091 F	0.045 F	0.07	0.054 F	0.059 F
PCBs (µg/Kg)											
aroclor 1016	-[1]	-[2]	-[8]	U	U	U	U	U	U	U	U
aroclor 1221	-[1]	-[2]	-[8]	U	U	U	U	U	U	U	U
aroclor 1232	-[1]	-[2]	-[8]	U	U	U	U	U	U	U	U
aroclor 1242	-[1]	-[2]	-[8]	U	U	U	U	U	U	U	U
aroclor 1248	-[1]	-[2]	-[8]	U	U	U	U	U	U	U	U
aroclor 1254	-[1]	-[2]	-[8]	U	U	U	U	U	U	U	U
aroclor 1260	-[1]	-[2]	28 J - 14,100	928	2,430	1578.02	574	1,910 J	1060.01	979	1040
Sum of all PCB congeners	110	2,000	-	928	2430	1578.02	574	1,910	1060.01	979	1040
Pesticides (µg/Kg)											
alpha BHC	100	-	-[8]	U	U	U	U	UJ	U	UJ	U
beta BHC	100	-	-[8]	U	6.3 F	2.73	U	UJ	U	UJ	U
delta BHC	100	-	-[8]	U	41 J	17.74	4 F	UJ	2.54	UJ	U
gamma BHC (Lindane)	100	-	-[8]	U	U	U	U	UJ	U	UJ	U
alpha-Chlordane	500	300[3]	82 J - 97 J	2.2 F	17 J	8.60	5.7 F	15 F	9.08	UJ	6 F
gamma-Chlordane	500	300[3]	-[8]	14 F	46 J	27.85	14 F	32 J	20.55	6.5 F	16 F
p,p'-DDD	200	5,000[4]	-[8]	19 F	48 J	31.55	39 J	50 J	43.00	51 M	19 F
p,p'-DDE	200	5,000[4]	150 J - 190 J	45 J	110 J	73.13	55 J	130 J	82.28	44 F	46 J
p,p'-DDT	200	5,000[4]	-[8]	170 J	360 J	252.23	140 J	260 J	183.65	200 M	130 M
aldrin	120	300[5]	62 J - 98 J	U	2 F	0.87	5.7 F	2.5 F	4.54	UJ	U
dieldrin	120	300[5]	-[8]	73 J	UJ	41.41	46 J	UJ	29.27	UM	84 M
alpha endosulfan	-	-	-[8]	U	UJ	U	U	UJ	U	UJ	U
beta endosulfan	-	-	-[8]	U	UJ	U	U	UJ	U	U	U
endosulfan I	-	-	-[8]	4.3 F	U	U	U	UJ	U	UJ	UM
endosulfan sulfate	-	-	-[8]	U	10 F	4.33	U	6.3 F	2.29	UM	2.9 F
endrin	25	300[6]	-[8]	28 F	63 J	43.15	U	43 J	15.64	24 F	25 F
endrin aldehyde	-	300[6]	-[8]	U	UJ	U	U	UJ	U	UM	UM
heptachlor	200	300[7]	-[8]	2.3 F	5.7 F	3.77	U	2.2 F	0.80	7.5 F	4 F
heptachlor epoxide	200	300[7]	-[8]	110 F	23 J	72.35	10 F	21 J	14.00	5.5 F	14 F
methoxychlor	-	-	-[8]	7.3 F	22 F	13.66	5 F	15 F	8.64	8 F	8.4 F
toxaphene	-	5,000	-[8]	U	UJ	U	U	UJ	U	U	U
Other measurements											
% Lipid	-	-	-	0.133	1.24	0.61	0.326	2.27	1.03	1.05	1.6
Initial Weight (g)	-	-	-	50.2	38.3	88.5	79.4	45.4	124.8	161.9	169.4
% Whole Fish	-	-	-	56.7%			#VALUE!			-	-

2006

Sample Location 4 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	TMCFS0401AA combined with TMCFS0402AA			TMCFS0403AA combined with TMCFS0404AA			TMCFS0405AA combined with TMCFS0406AA		
Sample ID			**TMCFS0412WF**	**TMCFS0412HG - combined with TMCFS0434HG**	**Whole fish (mathematically combined).**	**TMCFS0434WF**	**TMCFS0434HG - combined with TMCFS0412HG**	**Whole fish (mathematically combined).**	**TMCFS0456WF**	**TMCFS0456HG - combined with TMCFS0478HG and TMCFS04991HG**	**Whole fish (mathematically combined).**
Sample description *			**WF sample of 2 CC**	**OF sample of 2 CC**		**WF sample of 5 CC**	**OF sample of 5 CC**		**WF sample of 3 WS**	**OH sample of 3 WS**	
Date of Collection			**10/13/2006**	**10/13/2006**		**10/13/2006**	**10/13/2006**		**10/13/2006**	**10/13/2006**	
Metals (mg/Kg)											
cadmium	-	-	0.17 F	0.33 F	0.24	U	0.33 F	0.13	U	0.07	0.03
mercury	-	1	0.13	0.059 F	0.10	0.074 F	0.059 F	0.07	0.041 F	0.02	0.03
PCBs (µg/Kg)											
aroclor 1016	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1221	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1232	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1242	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1248	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1254	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1260	-[1]	-[2]	859	2740 J	1628.91	1060	2740 J	1699.70	1180	4563.03	2405.74
Sum of all PCB congeners	110	2,000	859	2740	1628.91	1060	2740	1699.70	1180	4563.03	2405.74
Pesticides (µg/Kg)											
alpha BHC	100	-	U	UJ	U	U	UJ	U	U	U	U
beta BHC	100	-	U	11 F	4.50	U	11 F	4.19	U	U	U
delta BHC	100	-	U	UJ	U	U	UJ	U	U	15.85	5.74
gamma BHC (Lindane)	100	-	U	UJ	U	U	UJ	U	U	33.00	11.96
alpha-Chlordane	500	300[3]	6.7 F	27 J	15.01	7.7 F	27 J	15.05	8.7 F	25.38	14.74
gamma-Chlordane	500	300[3]	14 F	56 J	31.19	19 J	56 J	33.09	15 F	20.00	16.81
p,p'-DDD	200	5,000[4]	29 F	69 J	45.37	17 F	69 J	36.80	23 F	71.38	40.53
p,p'-DDE	200	5,000[4]	33 J	82 J	53.06	23 F	82 J	45.47	20 F	69.38	37.89
p,p'-DDT	200	5,000[4]	140 J	380 J	238.23	130 J	380 J	225.19	170 J	496.23	288.20
aldrin	120	300[5]	U	UJ	U	U	UJ	U	U	4.49	1.63
dieldrin	120	300[5]	72 J	220 J	132.58	U	220 J	83.77	F	U	U
endosulfan I	-	-	U	9 F	3.68	U	9 F	3.43	7.3 F	14.38	9.87
endosulfan II	-	-	U	5.3 F	2.17	U	5.3 F	2.02	2 F	9.13	4.58
alpha endosulfan	-	-	U	UJ	U	U	UJ	U	U	U	U
beta endosulfan	-	-	U	UJ	U	U	UJ	U	U	U	U
endosulfan sulfate	-	-	U	UJ	U	U	UJ	U	2.6 F	12.38	6.14
endrin	25	300[6]	21 F	73 J	42.28	U	73 J	27.80	29 F	87.75	50.29
endrin aldehyde	-	300[6]	U	UJ	U	U	UJ	U	UJ	U	U
heptachlor	200	300[7]	11 F	12 F	11.41	4 F	12 F	7.05	6 F	15.87	9.58
heptachlor epoxide	200	300[7]	12 F	39 J	23.05	19 J	39 J	26.62	12 F	34.00	19.97
methoxychlor	-	-	U	21 F	8.60	6.7 F	21 F	12.15	9 F	29.38	16.38
toxaphene	-	5,000	U	UJ	U	U	UJ	U	U	U	U
Other measurements											
% Lipid			1.51	4.27	2.64	1.14	4.27	2.33	0.584	2.45	1.26
Initial Weight (g)			49.5	34.3	83.8	49.6	30.5	80.1	52.8	30	82.8
% Whole Fish [9]			59.1%			61.9%			63.8%		

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Sample Location 4 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	TMCFS0407AA combined with TMCFS0408AA			TMCFS0409AA combined with TMCFS0410AA		
Sample ID			**TMCFS0478WF**	**TMCFS0478HG - combined with TMCFS0456HG and TMCFS04991HG**	**Whole fish (mathematically combined).**	**TMCFS0491WF**	**TMCFS0491HG - combined with TMCFS0456HG and TMCFS0478HG**	**Whole fish (mathematically combined).**
Sample description *			**WF sample of 3 WS**	**OH sample of 3 WS**		**WF sample of 4 WS**	**OH sample of 4 WS**	
Date of Collection			**10/13/2006**	**10/13/2006**		**10/13/2006**	**10/13/2006**	
Metals (mg/Kg)								
cadmium	-	-	U	0.07	0.02	U	0.07	0.02
mercury	-	1	0.046 F	0.02	0.04	0.043 F	0.02	0.04
PCBs (µg/Kg)								
aroclor 1016	-[1]	-[2]	U	U	U	U	U	U
aroclor 1221	-[1]	-[2]	U	U	U	U	U	U
aroclor 1232	-[1]	-[2]	U	U	U	U	U	U
aroclor 1242	-[1]	-[2]	U	U	U	U	U	U
aroclor 1248	-[1]	-[2]	U	U	U	U	U	U
aroclor 1254	-[1]	-[2]	U	U	U	U	U	U
aroclor 1260	-[1]	-[2]	1390	4563.03	2399.96	5500	4563.03	5192.56
Sum of all PCB congeners	110	2,000	1390	4563.03	2399.96	5500	4563.03	5192.56
Pesticides (µg/Kg)								
alpha BHC	100	-	UJ	U	U	U	U	U
beta BHC	100	-	UJ	U	U	U	U	U
delta BHC	100	-	UJ	15.85	5.04	U	15.85	5.20
gamma BHC (Lindane)	100	-	UJ	33.00	10.50	U	33.00	10.83
alpha-Chlordane	500	300[3]	10 F	25.38	14.90	28 J	25.38	27.14
gamma-Chlordane	500	300[3]	21 J	20.00	20.68	80 J	20.00	60.31
p,p'-DDD	200	5,000[4]	28 F	71.38	41.81	93 J	71.38	85.91
p,p'-DDE	200	5,000[4]	25 F	69.38	39.13	92 J	69.38	84.58
p,p'-DDT	200	5,000[4]	220 J	496.23	307.92	570 J	496.23	545.79
aldrin	120	300[5]	UJ	4.49	1.43	2.9 F	4.49	3.42
dieldrin	120	300[5]	UJ	U	U	U	U	U
endosulfan I	-	-	8.7 F	14.38	10.51	U	14.38	4.72
endosulfan II	-	-	UJ	9.13	2.91	U	9.13	3.00
alpha endosulfan	-	-	UJ	U	U	U	U	U
beta endosulfan	-	-	UJ	U	U	U	U	U
endosulfan sulfate	-	-	UJ	12.38	3.94	15 F	12.38	14.14
endrin	25	300[6]	36 J	87.75	52.47	90 J	87.75	89.26
endrin aldehyde	-	300[6]	UJ	U	U	UJ	U	U
heptachlor	200	300[7]	14 F	15.87	14.60	12 F	15.87	13.27
heptachlor epoxide	200	300[7]	17 J	34.00	22.41	52 J	34.00	46.09
methoxychlor	-	-	9 F	29.38	15.49	32 F	29.38	31.14
toxaphene	-	5,000	UJ	U	U	U	U	U
Other measurements								
% Lipid			0.684	2.45	1.25	3.66	2.45	3.26
Initial Weight (g)			54.4	25.4	79.8	60.2	29.4	89.6
% Whole Fish [9]			68.2%			67.2%		

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Sample Location 5 Fish Tissue Analytical Results

Fish Sample ID			TMCFS0501AA combined with TMCFS0502AA			TMFS0503AA becomes 2 Samples			TMCFS0504AA combined with TMCFS0505AA		
Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	TMCFS0512WF	TMCFS0512HG - COMBINED WITH TMCFS0503HG and TMCFD0545HG	Whole fish (mathematically combined).	TMCFS0503WF	TMCFS0503HG - COMBINED WITH TMCFS0512HG and TMCFD0545HG	Whole fish (mathematically combined).	TMCFS0545WF	TMCFS0545HG - COMBINED WITH TMCFS0503HG and TMCFD0512HG	Whole fish (mathematically combined).
Sample description *			WF sample of 2 WS	OF sample of 2 WS		WF sample of 1 WS	OF sample of 1 WS		WF sample of 4 WS	OF sample of 4 WS	
Date of Collection			10/13/2006	10/13/2006		10/13/2006	10/13/2006		10/13/2006	10/13/2006	
Metals (mg/Kg)											
cadmium	-	-	U	0.13	0.04	U	0.13	0.04	0.036 F	0.13	0.07
mercury	-	1	0.049 F	0.01	0.04	0.042 F	0.01	0.03	0.035 F	0.01	0.03
PCBs (µg/Kg)											
aroclor 1016	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1221	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1232	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1242	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1248	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1254	-[1]	-[2]	U	U	U	U	U	U	U	U	U
aroclor 1260	-[1]	-[2]	1130	3739.78	1945.56	2020 J	3739.78	2576.91	1330 J	3739.78	2075.29
Sum of all PCB congeners	110	2,000	1130	3739.78	1945.56	2020	3739.78	2576.91	1330	3739.78	2075.29
Pesticides (µg/Kg)											
alpha BHC	100	-	UJ	U	U	UJ	U	U	UJ	U	U
beta BHC	100	-	UJ	U	U	UJ	U	U	UJ	U	U
delta BHC	100	-	UJ	U	U	UJ	U	U	UJ	U	U
gamma BHC (Lindane)	100	-	UJ	U	U	UJ	U	U	UJ	U	U
alpha-Chlordane	500	300[3]	7 F	23.47	12.15	17 J	23.47	19.10	5.5 F	23.47	11.06
gamma-Chlordane	500	300[3]	18 J	52.93	28.92	41 J	52.93	44.86	11 F	52.93	23.97
p,p'-DDD	200	5,000[4]	35 J	82.38	49.81	53	82.38	62.51	21 F	82.38	39.98
p,p'-DDE	200	5,000[4]	24 F	70.93	38.67	45 J	70.93	53.40	22 F	70.93	37.13
p,p'-DDT	200	5,000[4]	180 J	439.50	261.09	290 J	439.50	338.41	160 J	439.50	246.44
aldrin	120	300[5]	UJ	3.84	1.20	UJ	3.84	1.24	2.2 F	3.84	2.71
dieldrin	120	300[5]	UJ	U	U	UJ	U	U	60 J	U	41.44
endosulfan I	-	-	U	5.98	1.87	8 F	5.98	7.35	UJ	5.98	1.85
endosulfan II	-	-	U	2.99	0.93	UJ	2.99	0.97	UJ	2.99	0.92
alpha endosulfan	-	-	UJ	U	U	UJ	U	U	UJ	U	U
beta endosulfan	-	-	UJ	U	U	UJ	U	U	UJ	U	U
endosulfan sulfate	-	-	2.4 F	1.86	2.23	4.7 F	1.86	3.78	UJ	1.86	0.58
endrin	25	300[6]	26 F	63.91	37.85	41 J	63.91	48.42	24 F	63.91	36.34
endrin aldehyde	-	300[6]	UJ	U	U	UJ	U	U	UJ	U	U
heptachlor	200	300[7]	8 F	8.15	8.05	6.3 F	8.15	6.90	12 F	8.15	10.81
heptachlor epoxide	200	300[7]	12 F	35.46	19.33	27 J	35.46	29.74	12 F	35.46	19.26
methoxychlor	-	-	6.3 F	22.71	11.43	12 F	22.71	15.47	6 F	22.71	11.17
toxaphene	-	5,000	UJ	U	U	UJ	U	U	UJ	U	U
Other measurements											
% Lipid			0.42	2.32	1.01	0.651	2.32	1.19	0.125	2.32	0.80
Initial Weight (g)			70.4	32	102.4	66.4	31.8	98.2	73.7	33	106.7
% Whole Fish [9]			68.8%			67.6%			69.1%		

2006

Sample Location 5 Fish Tissue Analytical Results

Fish Sample ID			TMCFS0506AA combined with TMCFS0507AA			TMCFS0508AA combined with TMCFS0509AA			TMCFS0510AA - MS/MSD Sample
Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	TMCFS0567WF	TMCFS0567HG	Whole fish (mathematically combined).	TMCFS0589WF	TMCFS0589HG	Whole fish (mathematically combined).	TMCFS0510AA
Sample description *			WF sample of 2 CC	OF sample of 2 CC		WF sample of 4 WS	OF sample of 4 WS		CO sample of 4 CC
Date of Collection			10/13/2006	10/13/2006		10/13/2006	10/13/2006		10/22/2004
Metals (mg/Kg)									
cadmium	-	-	U	0.22 F	0.08	0.044 F	0.22 F	0.11	0.12 F
mercury	-	1	0.068 F	0.034 F	0.06	0.061 F	0.044 F	0.05	0.051 F
PCBs (µg/Kg)									
aroclor 1016	-[1]	-[2]	U	U	U	U	U	U	U
aroclor 1221	-[1]	-[2]	U	U	U	U	U	U	U
aroclor 1232	-[1]	-[2]	U	U	U	U	U	U	U
aroclor 1242	-[1]	-[2]	U	U	U	U	U	U	U
aroclor 1248	-[1]	-[2]	U	U	U	U	U	U	U
aroclor 1254	-[1]	-[2]	U	U	U	U	U	U	U
aroclor 1260	-[1]	-[2]	1300	4060	2271.48	1080 J	4430	2303.26	1750 J
Sum of all PCB congeners	110	2,000	1300	4060	2271.48	1080	4430	2303.26	1750
Pesticides (µg/Kg)									
alpha BHC	100	-	U	8.7 F	3.06	U	U	U	U
beta BHC	100	-	U	36 J	12.67	U	32 J	11.68	23 M
delta BHC	100	-	U	29 J	10.21	U	72 J	26.29	U
gamma BHC (Lindane)	100	-	U	U	U	U	34 J	12.42	U
alpha-Chlordane	500	300[3]	7 F	20 J	11.58	7 F	21 J	12.11	12 F
gamma-Chlordane	500	300[3]	21 J	52 J	31.91	22 J	64 J	37.34	31 J
p,p'-DDD	200	5,000[4]	30 F	49 J	36.69	32 F	59 J	41.86	39 F
p,p'-DDE	200	5,000[4]	25 F	65 J	39.08	27 F	87 J	48.91	49 J
p,p'-DDT	200	5,000[4]	U	430 J	151.35	170 J	460 J	275.89	280 M
aldrin	120	300[5]	U	4.3 F	1.51	U	3 F	1.10	U
dieldrin	120	300[5]	U	210 J	73.92	U	210 J	76.68	120 M
endosulfan I	-	-	U	U	U	U	U	U	
endosulfan II	-	-	1.1 F	2.5 F	1.59	U	2.7 F	0.99	1.6 F
alpha endosulfan	-	-	U	U	U	U	U	U	U
beta endosulfan	-	-	U	U	U	U	U	U	U
endosulfan sulfate	-	-	2.3 F	11 F	5.36	U	11 F	4.02	5.2 F
endrin	25	300[6]	36 J	81 J	51.84	25 F	71 J	41.80	41 J
endrin aldehyde	-	300[6]	UJ	UJ	U	UJ	UJ	U	UM
heptachlor	200	300[7]	2.6 F	15 F	6.96	2.9 F	19 J	8.78	10 F
heptachlor epoxide	200	300[7]	14 F	31 J	19.98	22 J	50 J	32.22	27 M
methoxychlor	-	-	7.7 F	U	4.99	7.3 F	19 F	11.57	14 F
toxaphene	-	5,000	U	U	U	U	U	U	U
Other measurements									
% Lipid			0.296	1.21	0.62	0.486	63.7	23.57	0.667
Initial Weight (g)			79.9	43.4	123.3	68.5	39.4	107.9	178.7
% Whole Fish [9]			64.8%			63.5%			

2009
Sample Location TMC-1 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID			TMCFS0101BB	TMCFS0102BB	TMCFS0103BB	TMCFS0104BB	TMCFS0105BB	TMCFS0106BB	TMCFS0107BB	TMCFS0108BB	TMCFS0109BB	TMCFS0110BB
Sample description *			1 CC	2 CC	1 CC	1 WS	1 WS	2 WS	1 WS	1 WS	2 CC	2 CC
Date of Collection			10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009
Metals (µg/g)												
cadmium	-	-	U	0.12 F	U	U	U	U	U	U	U	U
mercury	-	1	0.016 F	0.085 F	0.011 F	0.048 F	0.021 F	0.018 F	0.033 F	0.013 F	0.024 F	0.020 F
PCBs (µg/Kg)												
aroclor 1016	- [1]	- [2]	U	U	NA	U	UJ	U	U	U	NA	U
aroclor 1221	- [1]	- [2]	U	U	NA	U	UJ	U	U	U	NA	U
aroclor 1232	- [1]	- [2]	U	U	NA	U	UJ	U	U	U	NA	U
aroclor 1242	- [1]	- [2]	U	U	NA	U	UJ	U	U	U	NA	U
aroclor 1248	- [1]	- [2]	U	U	NA	U	UJ	U	U	U	NA	U
aroclor 1254	- [1]	- [2]	U	U	NA	U	UJ	U	U	U	NA	U
aroclor 1260	- [1]	- [2]	1,350	662	NA	691	4,220 J	1,290	670	3,790	NA	1,100
Sum of all PCB congeners	110	2,000	1,350	662	NA	691	4,220	1,290	670	3,790	NA	1,100
Pesticides (µg/Kg)												
alpha BHC	100	-	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
beta BHC	100	-	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
delta BHC	100	-	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
gamma BHC (Lindane)	100	-	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
alpha-Chlordane	500	300 [3]	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
gamma-Chlordane	500	300 [3]	UM	UM	NA	UM	UM	UM	UM	UM	NA	40 F
p,p'-DDD	200	5,000 [4]	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
p,p'-DDE	200	5,000 [4]	140 F	50 F	NA	50 F	230 F	UM	UM	UM	NA	120 F
p,p'-DDT	200	5,000 [4]	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
aldrin	120	300 [5]	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
dieldrin	120	300 [5]	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
alpha endosulfan	-	-	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
beta endosulfan	-	-	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
endosulfan sulfate	-	-	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
endrin	25	300 [6]	UJ	UJ	NA	UJ	170 F	77 F	UJ	180 F	NA	UJ
endrin aldehyde	-	300 [6]	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
heptachlor	200	300 [7]	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
heptachlor epoxide	200	300 [7]	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
methoxychlor	-	-	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
toxaphene	-	5,000	UJ	UJ	NA	UJ	UJ	UJ	UJ	UJ	NA	UJ
Other measurements												
% Lipid			1.7	1.7	1.9	0.7	2.4	1.1	0.5	3.0	2.7	1.2

2009
Sample Location TMC-2 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC	NYSDOH	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID	Pisc.	Fish	TMCFS0201BB	TMCFS0202BB	TMCFS0203BB	TMCFS0204BB	TMCFS0205BB	TMCFS0206BB	TMCFS0207BB	TMCFS0208BB	TMCFS0209BB	TMCFS0210BB
Sample description *	Wildlife	Advisory	1 WS	1 WS	1 WS	1 WS	7 WS	2 CC	4 CC	1 CC	2 CC	1 CC
Date of Collection	Criteria	Guideline	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009
Metals (µg/g)												
cadmium	-	-	U	U	U	U	U	U	U	U	U	U
mercury	-	1	0.040 F	0.019 F	0.053 F	0.019 F	0.025 F	0.038 F	0.026 F	0.012 F	0.051 F	0.031 F
PCBs (µg/Kg)												
aroclor 1016	- [1]	- [2]	U	U	U	U	U	U	U	U	U	U
aroclor 1221	- [1]	- [2]	U	U	U	U	U	U	U	U	U	U
aroclor 1232	- [1]	- [2]	U	U	U	U	U	U	U	U	U	U
aroclor 1242	- [1]	- [2]	U	U	U	U	U	U	U	U	U	U
aroclor 1248	- [1]	- [2]	U	U	U	U	U	U	U	U	U	U
aroclor 1254	- [1]	- [2]	U	U	U	U	U	U	U	U	U	U
aroclor 1260	- [1]	- [2]	1,050 J	1,080 J	819	1,530	501	694	1,100	458	1,280	578
Sum of all PCB congeners	110	2,000	1,050	1,080	819	1,530	501	694	1,100	458	1,280	578
Pesticides (µg/Kg)												
alpha BHC	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
beta BHC	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
delta BHC	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
gamma BHC (Lindane)	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
alpha-Chlordane	500	300 [3]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
gamma-Chlordane	500	300 [3]	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM
p,p'-DDD	200	5,000 [4]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
p,p'-DDE	200	5,000 [4]	UJ	150 F	43 F	UM	57 F	43 F	67 F	190 F	130 F	170 F
p,p'-DDT	200	5,000 [4]	UM	UM	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
aldrin	120	300 [5]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
dieldrin	120	300 [5]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
alpha endosulfan	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
beta endosulfan	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
endosulfan sulfate	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
endrin	25	300 [6]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
endrin aldehyde	-	300 [6]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
heptachlor	200	300 [7]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
heptachlor epoxide	200	300 [7]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
methoxychlor	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
toxaphene	-	5,000	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Other measurements												
% Lipid			1.9	1.3	0	1.1	1.7	1.5	2.1	1.6	3.5	1.2

2009
Sample Location TMC-3 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC	NYSDOH	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID	Pisc.	Fish	TMCFS0301BB	TMCFS0302BB	TMCFS0303BB	TMCFS0304BB	TMCFS0305BB	TMCFS0306BB	TMCFS0307BB	TMCFS0308BB	TMCFS0309BB	TMCFS0310BB
Sample description *	Wildlife	Advisory	1WS	1 WS	1 WS	1 WS	1 WS	1 CC	2 CC	2 CC	2 CC	3 CC
Date of Collection	Criteria	Guideline	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009
Metals (µg/g)												
cadmium	-	-	U	U	U	U	U	U	U	U	U	U
mercury	-	1	0.026 F	0.013 F	0.045 F	0.025 F	0.022 F	0.016 F	0.032 F	0.027 F	0.017 F	0.022 F
PCBs (µg/Kg)												
aroclor 1016	- [1]	- [2]	U	U	U	UJ	U	U	U	U	U	U
aroclor 1221	- [1]	- [2]	U	U	U	UJ	U	U	U	U	U	U
aroclor 1232	- [1]	- [2]	U	U	U	UJ	U	U	U	U	U	U
aroclor 1242	- [1]	- [2]	U	U	U	UJ	U	U	U	U	U	U
aroclor 1248	- [1]	- [2]	U	U	U	UJ	U	U	U	U	U	U
aroclor 1254	- [1]	- [2]	U	U	U	UJ	U	U	U	U	U	U
aroclor 1260	- [1]	- [2]	645	2,590	1,130	4,300 J	2,540	658	633	1,640	611	939
Sum of all PCB congeners	110	2,000	645	2,590	1,130	4,300	2,540	658	633	1,640	611	939
Pesticides (µg/Kg)												
alpha BHC	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
beta BHC	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
delta BHC	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
gamma BHC (Lindane)	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
alpha-Chlordane	500	300 [3]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
gamma-Chlordane	500	300 [3]	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM
p,p'-DDD	200	5,000 [4]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
p,p'-DDE	200	5,000 [4]	260 F	UM	450 F	280 F	140 F	120 F	57 F	93 F	110 F	UM
p,p'-DDT	200	5,000 [4]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
aldrin	120	300 [5]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
dieldrin	120	300 [5]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
alpha endosulfan	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
beta endosulfan	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
endosulfan sulfate	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
endrin	25	300 [6]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
endrin aldehyde	-	300 [6]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
heptachlor	200	300 [7]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
heptachlor epoxide	200	300 [7]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
methoxychlor	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
toxaphene	-	5,000	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Other measurements												
% Lipid			0.4	2.1	1.1	2.2	1.2	1.0	1.4	1.5	2.5	2.0

2009
Sample Location TMC-4 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	Sample 1	Sample 2	Sample 3	Sample 4
Sample ID			TMCFS0401BB	TMCFS0402BB	TMCFS0403BB	TMCFS0404BB
Sample description *			2 WS	5 CC	4 CC	4 CC
Date of Collection			10/6/2009	10/6/2009	10/6/2009	10/6/2009
Metals (µg/g)						
cadmium	-	-	U	U	U	U
mercury	-	1	0.016 F	0.017 F	0018 F	0.015 F
PCBs (µg/Kg)						
aroclor 1016	-[1]	-[2]	UJ	U	U	U
aroclor 1221	-[1]	-[2]	UJ	U	U	U
aroclor 1232	-[1]	-[2]	UJ	U	U	U
aroclor 1242	-[1]	-[2]	UJ	U	U	U
aroclor 1248	-[1]	-[2]	UJ	U	U	U
aroclor 1254	-[1]	-[2]	UJ	U	U	U
aroclor 1260	-[1]	-[2]	2,010 J	1,290	1,190	1,720
Sum of all PCB congeners	110	2,000	2,010	1,290	1,190	1,720
Pesticides (µg/Kg)						
alpha BHC	100	-	UJ	UJ	UJ	UJ
beta BHC	100	-	UJ	UJ	UJ	UJ
delta BHC	100	-	UJ	UJ	UJ	UJ
gamma BHC (Lindane)	100	-	UJ	UJ	UJ	UJ
alpha-Chlordane	500	300[3]	UJ	UJ	UJ	UJ
gamma-Chlordane	500	300[3]	UM	UM	UM	UM
p,p'-DDD	200	5,000[4]	UJ	UJ	UJ	UJ
p,p'-DDE	200	5,000[4]	UM	110 F	UM	UM
p,p'-DDT	200	5,000[4]	UJ	UJ	UJ	UJ
aldrin	120	300[5]	UJ	UJ	UJ	UJ
dieldrin	120	300[5]	UJ	UJ	UJ	UJ
alpha endosulfan	-	-	UJ	UJ	UJ	UJ
beta endosulfan	-	-	UJ	UJ	UJ	UJ
endosulfan sulfate	-	-	UJ	UJ	UJ	UJ
endrin	25	300[6]	UJ	UJ	UJ	UJ
endrin aldehyde	-	300[6]	UJ	UJ	UJ	UJ
heptachlor	200	300[7]	UJ	UJ	UJ	UJ
heptachlor epoxide	200	300[7]	UJ	UJ	UJ	UJ
methoxychlor	-	-	UJ	UJ	UJ	UJ
toxaphene	-	5,000	UJ	UJ	UJ	UJ
Other measurements						
% Lipid			1.3	1.9	1.6	2.0

2009
Sample Location TMC-5 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC	NYSDOH	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID	Pisc.	Fish	TMCFS0501BB	TMCFS0502BB	TMCFS0503BB	TMCFS0504BB	TMCFS0505BB	TMCFS0506BB	TMCFS0507BB	TMCFS0508BB	TMCFS0509BB	TMCFS0510BB
Sample description *	Wildlife	Advisory	1 WS	1 WS	1 WS	1 WS	1 WS	170 CC	43 CC	30 CC	51 CC	84 CC
Date of Collection	Criteria	Guideline	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009	10/6/2009
Metals (µg/g)												
cadmium	-	-	U	U	U	U	U	U	U	U	U	U
mercury	-	1	0.051 F	0.021 F	0.022 F	0.018 F	0.020 F	0.012 F	0.012 F	0.018 F	0.018 F	0.012 F
PCBs (µg/Kg)												
aroclor 1016	- [1]	- [2]	UM	UJ	U	UJ	UJ	UJ	UJ	UJ	UJ	UJ
aroclor 1221	- [1]	- [2]	U	UJ	U	UJ	UJ	UJ	UJ	UJ	UJ	UJ
aroclor 1232	- [1]	- [2]	U	UJ	U	UJ	UJ	UJ	UJ	UJ	UJ	UJ
aroclor 1242	- [1]	- [2]	U	UJ	U	UJ	UJ	UJ	UJ	UJ	UJ	UJ
aroclor 1248	- [1]	- [2]	U	UJ	U	UJ	UJ	UJ	UJ	UJ	UJ	UJ
aroclor 1254	- [1]	- [2]	U	UJ	U	UJ	UJ	UJ	UJ	UJ	UJ	UJ
aroclor 1260	- [1]	- [2]	810	7,570 J	1,530	2,610 J	2,410 J	1,770 J	3,000 J	4,000 J	3,460 J	3,060 J
Sum of all PCB congeners	110	2,000	810	7,570 B	1,530	2,610	2,410	1,770	3,000	4,000	3,460	3,060
Pesticides (µg/Kg)												
alpha BHC	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
beta BHC	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
delta BHC	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
gamma BHC (Lindane)	100	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
alpha-Chlordane	500	300 [3]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
gamma-Chlordane	500	300 [3]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
p,p'-DDD	200	5,000 [4]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
p,p'-DDE	200	5,000 [4]	UM	UM	UM	100 F	93 F	UM	UM	UM	UM	UM
p,p'-DDT	200	5,000 [4]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
aldrin	120	300 [5]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
dieldrin	120	300 [5]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
alpha endosulfan	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
beta endosulfan	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
endosulfan sulfate	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
endrin	25	300 [6]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
endrin aldehyde	-	300 [6]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
heptachlor	200	300 [7]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
heptachlor epoxide	200	300 [7]	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
methoxychlor	-	-	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
toxaphene	-	5,000	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Other measurements												
% Lipid			0.4	2.2	0.5	2	1	1.4	3	3.5	2	2.5

Fish Tissue:

F - The analyte was positively identified above the MDL, however, the concentration is below the RL.
J - The analyte was positively identified, but the quantitation is an estimation.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.
UJ - The analyte was analyzed for, but not detected. The quantitation is an approximation.
1 - The PCB piscivorous wildlife criterion of 110 ppb applies to the sum of all PCB congeners.
2 - The PCB fish advisory guideline of 2,000 ppb applies to the sum of all PCB congeners.
3 - The chlordane fish advisory guideline of 300 ppb applies to the sum of all chlordane compounds.
4 - The DDT fish advisory guideline of 5,000 ppb applies to the sum of all DDT, DDE, and DDD compounds.
5 - The aldrin fish advisory guideline of 300 ppb applies to the sum of all aldrin/dieldrin compounds.
6 - The endrin fish advisory guideline of 300 ppb applies to the sum of all endrin/ endrin aldehyde compounds.
7 - The heptachlor fish advisory guideline of 300 ppb applies to the sum of all heptachlor/ heptachlor epoxide compounds.
- - No piscivorous wildlife criterion or fish advisory guideline is available.
* OF is offal sample, WF is whole fish, HG is offal-and-head, CC is creek chub, and WS is white sucker.
 - Indicates an exceedance of the NYSDOH Fish Advisory Guidelines and/or the NYSDEC Pisc. Wildlife Criteria.

Six Mile Creek Surface Water Sampling Results

Sample Location	NYS Surface Water Standards [1] (ppb)	SMC-1		SMC-1R	SMC-1			
Sample ID		RI Results (SMCSW-2)	SMCSW0101AA	SMCSW0101EA	SMCSW0101FA	SMCSW0101GA		
Date of Collection [2]		5/94 - 11/94	10/20/2004	11/24/2008	10/1/2009	10/27/2010		
Sample Depth (ft bgs)		0-1	0-1	0-1	0-1	0-1		
VOCs (µg/L)								
1,1,1-trichloroethane	5*	U	U	U	U	U		
1,2,4-trimethylbenzene	5	U	U	U	U	U		
1,2-dichlorobenzene	3	U	U	U	U	U		
1,3,5-trimethylbenzene	5	U	U	U	U	U		
1,4-dichlorobenzene	3	U	U	0.17 F	U	U		
acetone	50	U	U	U	1.15 F	U		
benzene	1	U	U	U	U	U		
chlorobenzene	5	U	U	U	U	U		
chloroform	7	U	U	U	U	U		
chloromethane	--	U	U	U	U	U		
ethylbenzene	5	U	U	U	U	U		
methyl tert-butyl ether	10	U	U	U	U	U		
methylene chloride	5*	U	U	U	U	U		
methyl ethyl ketone (2-butanone)	--	U	U	U	U	U		
m,p,-xylene	5	U	U	U	U	U		
naphthalene	10	U	U	U	U	U		
trichloroethylene (TCE)	5	U	U	U	U	U		
toluene	5	0.093 J	U	U	U	U		

Six Mile Creek Surface Water Sampling Results

Sample Location	NYS Surface Water Standards [1] (ppb)	SMC-4						
Sample ID		RI Results (SMCSW-13)	SMCSW0401AA	SMCSW0401BB	SMCSW0401CA	SMCSW0401DA	SMCSW0401EA	SMCSW0401FA
Date of Collection [2]		5/94 - 11/94	10/20/2004	10/20/2005	10/17/2006	10/17/2007	11/24/2008	10/1/2009
Sample Depth (ft bgs)		0-1	0-1	0-1	0-1	0-1	0-1	0-1
VOCs (µg/L)								
1,1,1-trichloroethane	5*	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5	U	U	U	0.220 F	0.130 F♦	0.7 F♦	0.240 F♦
1,2-dichlorobenzene	3	U	U	U	U	U	0.27 F	U
1,3,5-trimethylbenzene	5	U	U	U	U	0.130 F♦	0.27 F	U
1,4-dichlorobenzene	3	U	U	U	U	U	U	U
acetone	50	U	U	4.6 F	2.13 F	4.21 F	1.28 F ♦	1.39 F♦
benzene	1	0.11 J	5.8	2.1	5.92	3.38 ♦	2.53 ♦	0.780 ♦
chlorobenzene	5	U	0.28 F	U	U	U	0.19 F	0.230 F
chloroform	7	U	U	U	U	U	U	U
chloromethane	--	U	U	U	U	U	U	U
ethylbenzene	5	U	U	U	0.410 F	0,110 F♦	0.24 F	U
methyl tert-butyl ether	10	U	1.2 F	U	1.28 F	U	0.53 F	0.230 F♦
methylene chloride	5*	U	U	U	0.140 F	U	U	U
methyl ethyl ketone (2-butanone)	--	U	U	U	U	U	U	6.95 F♦
m,p,-xylene	5	U	U	U	0.890 F	0.340 FC	0.89 F	0.230 F♦
naphthalene	10	U	U	U	0.110 F	0.140 F♦	U	0.110 F♦
trichloroethylene (TCE)	5	U	U	U	U	U	U	U
toluene	5	U	U	U	U	U	U	U

Six Mile Creek Surface Water Sampling Results

Sample Location	NYS Surface Water Standards [1] (ppb)	SMC-4						
Sample ID		SMCSW0401GA						
Date of Collection [2]		10/27/2010						
Sample Depth (ft bgs)		0-1						
VOCs (µg/L)								
1,1,1-trichloroethane	5*	U						
1,2,4-trimethylbenzene	5	U						
1,2-dichlorobenzene	3	U						
1,3,5-trimethylbenzene	5	U						
1,4-dichlorobenzene	3	U						
acetone	50	3.08 F♦						
benzene	1	U						
chlorobenzene	5	0.150 F						
chloroform	7	U						
chloromethane	--	U						
ethylbenzene	5	U						
methyl tert-butyl ether	10	U						
methylene chloride	5*	U						
methyl ethyl ketone (2-butanone)	--	U						
m,p,-xylene	5	U						
naphthalene	10	U						
trichloroethylene (TCE)	5	U						
toluene	5	U						

Six Mile Creek Surface Water Sampling Results

Sample Location	NYS Surface Water Standards [1] (ppb)	SMC-5						
Sample ID		RI Results (SMCSW-14)	SMCSW0501AA	SMCSW0501BB	SMCSW0501CA	SMCSW0501DA	SMCSW0501EA	SMCSW0501FA
Date of Collection [2]		5/94 - 11/94	10/20/2004	10/20/2005	10/17/2006	10/17/2007	11/24/2008	10/1/2009
Sample Depth (ft bgs)		0-1	0-1	0-1	0-1	0-1	0-1	0-1
VOCs (µg/L)								
1,1,1-trichloroethane	5*	U	U	U	U	U	U	U
1,2,4-trimethylbenzene	5	U	U	U	0.310 F	0.300 F	0.530 F	0.160 F
1,2-dichlorobenzene	3	U	U	U	U	U	U	U
1,3,5-trimethylbenzene	5	U	U	U	U	0.160 F	U	U
1,4-dichlorobenzene	3	U	U	U	U	U	U	U
acetone	50	U	U	4.3 F	U	U	1.46 F	3.01 F
benzene	1	0.091 J	3.8	3.0	3.61	2.01	1.21	0.67
chlorobenzene	5	U	U	U	U	U	U	0.120 F
chloroform	7	U	U	U	U	U	U	U
chloromethane	--	U	U	U	U	U	0.37 F	U
ethylbenzene	5	U	0.23 F	U	0.370 F	0.180 F	0.13 F	U
methyl tert-butyl ether	10	U	1.1 F	0.50 F	0.850 F	U	0.24 F	U
methylene chloride	5*	U	U	U	U	U	U	U
methyl ethyl ketone (2-butanone)	--	U	U	U	U	U	U	3.97 F
m,p,-xylene	5	U	0.64 F	U	0.770 F	0.460 F	0.27 F	U
naphthalene	10	U	U	U	0.160 F	0.150 F	U	U
trichloroethylene (TCE)	5	U	U	U	U	U	U	U
toluene	5	U	U	U	U	U	U	U

Six Mile Creek Surface Water Sampling Results

Sample Location	NYS Surface Water Standards [1] (ppb)	SMC-5						
Sample ID		SMCSW0501GA						
Date of Collection [2]		10/27/2010						
Sample Depth (ft bgs)		0-1						
VOCs (µg/L)								
1,1,1-trichloroethane	5*	U						
1,2,4-trimethylbenzene	5	U						
1,2-dichlorobenzene	3	U						
1,3,5-trimethylbenzene	5	U						
1,4-dichlorobenzene	3	U						
acetone	50	U						
benzene	1	U						
chlorobenzene	5	0.110 F						
chloroform	7	U						
chloromethane	--	U						
ethylbenzene	5	U						
methyl tert-butyl ether	10	U						
methylene chloride	5*	U						
methyl ethyl ketone (2-butanone)	--	U						
m,p,-xylene	5	U						
naphthalene	10	U						
trichloroethylene (TCE)	5	U						
toluene	5	U						

Surface Water:

B - Result is a positive value, however, the analyte was detected in an associated blank above the RL.

F - The analyte was positively identified above the MDL, however, the concentration is below the RL.

FB - The analyte was positively identified above the MDL, however, the concentration is below the RL. The analyte was also detected in an associated blank.

J - The analyte was positively identified, but the quantitation is an estimation.

M - A matrix effect was present.

NA - not analyzed

R - The data was rejected because QA/QC criteria were not met during the analysis.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

UJ - The analyte was analyzed for, but not detected. The quantitation is an approximation.

UM – The analyte was analyzed for, but not detected. A matrix effect was present.

1 - The NYS Surface Water Standard for the protection of aquatic life from chronic effects is used if available and if lower than the surface water standard.

2 - The different analyses for the sample locations sampled in the 1993/4 RI were collected at different times between 5/1994 and 11/1994.

3 - The value was calculated with the most stringent criterion for PCB from Table 1 in Technical Guidance for Screening Contaminated Sediments (NYSDEC, January 1999) multiplied by the analyzed organic content of 11.4 g/Kg for sampling location SMCSD-11.

- Indicates an exceedance of the NYS Surface Water Standards.

Six Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value (µg/Kg) [1]	SMC-1					SMC-1R	SMC-1			
Sample ID		RI Results (SMCSD-2)	SMCSD0101AA	SMCSD0101BB	SMCSD0101CA	SMCSD0101DA	SMCSD0101EA	SMCSD0101FA	SMCSD0101GA		
Date of Collection		5/17/1994	10/20/2004	11/30/2005	10/16/2006	10/17/2007	11/24/2008	10/1/2009	10/27/2010		
Sample Depth (ft TOIC)		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5		
SVOCs (µg/Kg)											
2-methylnaphthalene	65	U	U	U	U		U	U	U		
acenaphthene	16	U	U	U	U	260 F	U	U	U		
anthracene	85	42 J	U	U	U		81 F	U	U		
benzo(a)anthracene	261	190 J	69 F	130 F	19 F	100 F	340 F	53 F	39 F		
benzo(a)pyrene	370	U	69 F	140 F	U	UM	250 F	48 F	32 F		
benzo(b)fluoranthene	--	150 J	U	160 F	31 F	UM	350 F	120 F	U		
benzo(k)fluoranthene	240	120 J	63 F	56 F	U	UM	130 F	29 F	U		
benzo(g,h,i)perylene	170	U	U	97 F	U	UM	170 F	U	U		
bis(2-ethylhexyl) phthalate	10453.8	U	U	U	U		U	U	170 FB		
benzyl butyl phthalate	50000	U	U	74 F	U	37 F	U	U	U		
chrysene	340	260 J	81 F	U	U	UM	320 F	56 F	31 F		
di-n-butyl phthalate	--	U	U	U	U	U	U	U	37 FB		
dibenz(a,h)anthracene	60	U	81 F	140 F	U	95 F	U	U	U		
dibenzofuran	2000	U	U	U	U	UM	U	U	U		
diethyl phthalate	7100	U	U	U	U	UM	U	U	U		
fluoranthene	600	440 J	160 F	340 F	29 F		710 F	110 F	66 F		
fluorene	35	U	U	U	U	210 F	410 F	U	U		
indeno(1,2,3-c,d)pyrene	200	130 J	U	U	U	UM	310 F	U	U		
naphthalene	13000	U	U	U	U	U	U	U	U		
phenanthrene	240	390 J	110 F	240 F	U	180 F	530 F	64 F	47 F		
pyrene	490	580 J	130 F	290 F	28 F	260 F	720	110 F	63 F		
PCBs (µg/Kg)											
Aroclor 1248	15.96 [3]	-	U	U	U	U	UJ	U	U		
Aroclor 1254	15.96 [3]	U	U	U	U	U	UJ	U	U		
Aroclor 1260	5	-	U	U	U	U	UJ	U	U		
Pesticides (µg/Kg)											
delta BHC	0.04	U	U	U	0.97 F	U	UJ	U	U		
gamma BHC (Lindane)	0.05	U	U	U	U	U	UJ	U	U		
alpha-Chlordane	0.05	U	U	U	U	U	UJ	U	U		
p,p'-DDD	2	U	U	U	U	U	UJ	U	U		
p,p'-DDE	2	U	U	U	0.31 F	U	UJ	U	U		
p,p'-DDT	1	UJ	U	U	0.34 F	UM	UJ	U	U		
aldrin	0.00	U	U	U	U	U	UJ	U	U		
dieldrin	0.02	U	U	U	U	U	UJ	0.90 F	U		
alpha endosulfan	--	U	U	U	U	U	UJ	U	U		
beta endosulfan	--	U	U	U	U	U	UJ	U	U		
endosulfan sulfate	--	U	U	U	U	U	UJ	U	U		
endosulfan II	3.6	U	U	U	U	U	UJ	U	U		
endrin	3	U	U	U	U	U	UJ	U	U		
endrin aldehyde	5*	U	U	U	U	U	UJ	U	U		
heptachlor	0.04	U	U	U	U	U	UJ	U	U		
heptachlor epoxide	0.03	U	U	U	U	U	UJ	U	U		
methoxychlor	31.44	U	4.7 F	U	U	U	UJ	U	U		

Six Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value (µg/Kg) [1]	SMC-4									
Sample ID		RI Results (SMCSD-13)	SMCSD0401AA	SMCSD0401BB	SMCSD0401CA	SMCSD0401DA	SMCSD0401EA	SMCSD0401FA	SMCSD0401GA		
Date of Collection		5/14/1994	10/20/2004	11/30/2005	10/17/2006	10/17/2007	11/24/2008	10/1/2009	10/27/2010		
Sample Depth (ft TOIC)		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5		
SVOCs (µg/Kg)											
2-methylnaphthalene	65	U	180 F	U	120 F	290 F ♦	U	58 F♦	44 F		
acenaphthene	16	U	U	U	U	U	U	87 F♦	U		
anthracene	85	U	U	U	U	U	U	150 F♦	U		
benzo(a)anthracene	261	U	190 F	120 F	83 F	56 F♦	100 F♦	630 F♦	U		
benzo(a)pyrene	370	U	420 F	120 F	100 F	U	90 F♦	680 F♦	U		
benzo(b)fluoranthene	--	U	460 F	180 F	230 F	U	150 F♦	1700 ♦	U		
benzo(k)fluoranthene	240	U	250 F	56 F	55 F	U	53 F♦	650 F♦	U		
benzo(g,h,i)perylene	170	U	220 F	110 F	45 F	U	100 F♦	240 F♦	U		
bis(2-ethylhexyl) phthalate	10453.8	240 J	U	200 F	60 F	90 F♦	93 F♦	37 F♦	49 FB♦		
benzyl butyl phthalate	50000	U	U	U	U	850 F♦	U	U	U		
chrysene	340	U	270 F	150 F	110 F	57 F♦	120 F♦	1000 ♦	U		
di-n-butyl phthalate	--	U	U	U	U	U	U	U	35 FB		
dibenz(a,h)anthracene	60	U	120 F	U	U	U	U	78 F♦	U		
dibenzofuran	2000	U	U	U	U	U	U	66 F♦	U		
diethyl phthalate	7100	U	U	U	35 F	U	U	U	U		
fluoranthene	600	U	280 F	220 F	140 F	110 F♦	210 F♦	790 F♦	U		
fluorene	35	U	U	U	U	U	U	100 F♦	U		
indeno(1,2,3-c,d)pyrene	200	U	220 F	89 F	U	UM	250 F♦	160 F♦	U		
naphthalene	13000	U	U	U	U	93 F♦	110 F♦	92 F♦	U		
phenanthrene	240	U	130 F	120 F	80 F	68 F♦	130 F♦	740 F♦	U		
pyrene	490	U	220 F	180 F	190 F	110 F♦	200 F♦	830 F♦	19 F		
PCBs (µg/Kg)											
Aroclor 1248	15.96 [3]	-	54	9.9 F	U	U	U	U	U		
Aroclor 1254	15.96 [3]	U	61	52	67.1	120 J♦	14.5 F ♦	72.7	U		
Aroclor 1260	5	-	U	19 F	U	U	U	U	U		
Pesticides (µg/Kg)											
delta BHC	0.04	U	U	U	U	U	UJ	U	U		
gamma BHC (Lindane)	0.05	U	U	U	U	U	UJ	U	U		
alpha-Chlordane	0.05	U	U	U	0.57 F	UM	UJ	U	U		
p,p'-DDD	2	U	U	U	1.1 F	0.82 F♦	UJ	1.5 F	U		
p,p'-DDE	2	U	U	U	U	UM	UJ	U	U		
p,p'-DDT	1	UJ	18 F	11	16 J	U	UJ	U	U		
aldrin	0.00	U	U	U	U	U	UJ	U	U		
dieldrin	0.02	57	U	U	4.6 F	1.6 F♦	1.8 FJ ♦	U	U		
alpha endosulfan	--	U	U	U	1.6 F	U	UJ	U	U		
beta endosulfan	--	U	U	U	5.4 J	U	UJ	U	U		
endosulfan sulfate	--	U	U	U	U	UM	UJ	U	U		
endosulfan II	3.6	U	U	U	U	2.1 F♦	0.83 F	U	U		
endrin	3	U	U	U	2.2 F	0.69 F	UJ	U	U		
endrin aldehyde	5*	U	U	U	1.4 F	U	UJ	U	U		
heptachlor	0.04	U	U	U	U	U	UJ	U	U		
heptachlor epoxide	0.03	U	U	U	4.8 J	UM	UJ	U	U		
methoxychlor	31.44	26 J	U	U	U	U	UJ	U	U		

Six Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value (µg/Kg) [1]	SMC-5									
Sample ID		RI Results (SMCSD-14)	SMCSD0501AA	SMCSD0501BB	SMCSD0501CA	SMCSD0501DA	SMCSD0501EA	SMCSD0501FA	SMCSD0501GA		
Date of Collection		5/14/1994	10/20/2004	11/30/2005	10/17/2006	10/17/2007	11/24/2008	10/1/2009	10/27/2010		
Sample Depth (ft TOIC)		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5		
SVOCs (µg/Kg)											
2-methylnaphthalene	65	210 J	84 F	U	U	62 F	U	U	U		
acenaphthene	16	U	U	U	U	U	U	U	U		
anthracene	85	U	U	U	26 F	63 F	U	U	U		
benzo(a)anthracene	261	U	U	U	68 F	26 F	U	U	25 F		
benzo(a)pyrene	370	U	U	U	63 F	36 F	U	U	U		
benzo(b)fluoranthene	--	55 J	U	71 F	140 F	580 F	U	U	U		
benzo(k)fluoranthene	240	23 J	U	73 F	34 F	280 F	U	U	U		
benzo(g,h,i)perylene	170	U	U	U	U	U	U	U	U		
bis(2-ethylhexyl) phthalate	10453.8	960	U	95 F	U	110 F	69 F	20 F	54 FB		
benzyl butyl phthalate	50000	U	U	U	U	43 F	U	U	U		
chrysene	340	U	U	U	65 F	300 F	U	U	U		
di-n-butyl phthalate	--	U	U	U	U	U	U	U	30 FB		
dibenz(a,h)anthracene	60	U	U	U	U	U	U	U	U		
dibenzofuran	2000	U	U	U	U	U	U	U	U		
diethyl phthalate	7100	U	U	U	27 F	U	U	U	U		
fluoranthene	600	88 J	U	77 F	140 F	550 F	U	25 F	35 F		
fluorene	35	U	U	U	U	33 F	U	U	U		
indeno(1,2,3-c,d)pyrene	200	U	U	U	U	46 F	U	U	U		
naphthalene	13000	U	U	U	U	U	U	U	U		
phenanthrene	240	U	U	37 F	110 F	350 F	U	19 F	29 F		
pyrene	490	U	U	64 F	U	520 F	U	27 F	33 F		
PCBs (µg/Kg)											
Aroclor 1248	15.96 [3]	-	U	U	U	U	U	U	U		
Aroclor 1254	15.96 [3]	84 J	24 F	U	U	92.6	U	U	50.2		
Aroclor 1260	5	-	U	U	19.4 F	U	U	U	U		
Pesticides (µg/Kg)											
delta BHC	0.04	U	U	U	U	U	UJ	U	U		
gamma BHC (Lindane)	0.05	U	U	U	U	U	UJ	U	U		
alpha-Chlordane	0.05	U	U	U	U	U	UJ	U	U		
p,p'-DDD	2	U	U	U	1.1 F	3.0 F	UJ	U	U		
p,p'-DDE	2	U	U	U	0.31 F	U	UJ	U	U		
p,p'-DDT	1	UJ	11 F	U	U	U	UJ	U	U		
aldrin	0.00	U	U	U	0.28 F	U	UJ	U	U		
dieldrin	0.02	U	U	4 F	1.3 F	U	UJ	U	U		
alpha endosulfan	--	U	U	U	U	U	UJ	U	U		
beta endosulfan	--	U	U	U	1.0 F	U	UJ	U	U		
endosulfan sulfate	--	U	U	U	U	U	UJ	U	U		
endosulfan II	3.6	U	U	U	U	11 J	UJ	U	U		
endrin	3	U	U	U	0.66 F	4.5 F	UJ	U	U		
endrin aldehyde	5*	U	U	U	0.52 F	U	UJ	U	U		
heptachlor	0.04	U	U	U	U	U	UJ	U	U		
heptachlor epoxide	0.03	U	U	U	U	U	UJ	U	U		
methoxychlor	31.44	UJ	U	U	U	U	UJ	U	U		

Sediment:

B - Result is a positive value, however, the analyte was detected in an associated blank above the RL.
F - The analyte was positively identified above the MDL, however, the concentration is below the RL.
FB - The analyte was positively identified above the MDL, however, the concentration is below the RL. The analyte was also detected in an associated blank.
J - The analyte was positively identified, but the quantitation is an estimation.
M - A matrix effect was present.
NA - not analyzed
R - The data was rejected because QA/QC criteria were not met during the analysis.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.
UJ - The analyte was analyzed for, but not detected. The quantitation is an approximation.
UM – The analyte was analyzed for, but not detected. A matrix effect was present.
BHC – hexachlorocyclohexane
1 - This value is the most stringent criterion for ecological endpoints derived from Table 2-3a in the Final Three Mile Creek Feasibility Study Addendum (E&E, July 2002).
2 - The most stringent criterion for metals have been derived from Table 2 in Technical Guidance for Screening Contaminated Sediments (NYSDEC, January 1999).
- - This analyte was not sampled for in the 1993/4 RI.
-- - No most stringent ecological screening value is known for this compound.
- Indicates an exceedance of the Most Stringent Ecological Screening Value.

2004
Sample Location 1 Fish Tissue Analytical Results

Fish Sample ID				Sample 1			Sample 3			Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	SMCFS0101AA1OH	SMCFS0101AA1WF	Whole fish (mathematically combined).	SMCFS0101AA3OH	SMCFS0101AA3WF	Whole fish (mathematically combined).	SMCFS0101AA5CO	SMCFS0101AA6CO	SMCFS0101AA7CO	SMCFS0101AA8CO	SMCFS0101AA9CO	SMCFS0101AA10CO
Sample description *				OH sample of 5 CC	WF sample of 5 CC		OH sample of 5 CC	WF sample of 5 CC		CO sample of 41 BD	CO sample of 40 BD	CO sample of 30 CC	CO sample of 29 CC	CO sample of 6 CC	CO sample of 20 BD
Date of Collection				10/25/2004	10/25/2004		10/25/2004	10/25/2004		10/25/2004	10/25/2004	10/25/2004	10/25/2004	10/25/2004	10/25/2004
Metals (mg/Kg)															
cadmium	-	-	-[8]	U	0.058 F	0.03	U	U	U	U	U	U	U	U	U
mercury	-	1	0.56 - 0.61	0.016 F	0.10 F	0.06	0.026 F	0.038 F	0.03	0.14	0.085	0.051 F	0.062 F	0.070 F	0.063 F
PCBs (µg/Kg)															
Aroclor 1016	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1221	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1232	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1242	-[1]	-[2]	-	20 F	U	8.94	U	12 F	7.02	14 F	U	12 F	U	19 F	U
Aroclor 1248	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1254	-[1]	-[2]	-	U	U	U	13 F	U	5.39	U	U	U	U	12 F	40 F
Aroclor 1260	-[1]	-[2]	-	U	U	U	U	U	U	U	8.4 F	U	U	U	7.7 F
Sum of all PCB congeners	110	2,000	165 J	20	0	8.94	13	12	12.41	14	8.4	12	0	31	47.7
Pesticides (µg/Kg)															
alpha BHC	100	-	-[8]	U	U	U	U	1.1 F	0.64	U	U	U	U	U	U
beta BHC	100	-	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
delta BHC	100	-	-[8]	6.2 J	U	2.77	6 J	U	2.49	U	U	U	U	U	U
gamma BHC (Lindane)	100	-	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
alpha-Chlordane	500	300[3]	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
gamma-Chlordane	500	300[3]	-[8]	5.5 J	2.2 F	3.67	U	U	U	11 J	U	U	7.6 J	U	1.0 F
p,p'-DDD	200	5,000[4]	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
p,p'-DDE	200	5,000[4]	-[8]	6.7 J	3.3 F	4.82	10	4.3	6.66	11 J	9.1 J	5.4	4.2 J	3.8 F	13 J
p,p'-DDT	200	5,000[4]	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
aldrin	120	300[5]	-[8]	4.8 J	U	2.14	4.6 F	3.9 F	4.19	U	U	U	U	U	U
dieldrin	120	300[5]	-[8]	U	U	U	U	U	U	U	U	U	0.65 F	U	U
alpha endosulfan	-	-	-[8]	1.3 F	U	0.58	2.7 F	1.3 F	1.88	U	U	U	0.98 F	U	U
beta endosulfan	-	-	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
endosulfan sulfate	-	-	-[8]	U	U	U	U	U	U	U	U	0.59 F	U	U	U
endrin	25	300[6]	-[8]	1.2 F	U	0.54	U	0.6 F	0.35	U	U	U	U	U	24 J
endrin aldehyde	-	300[6]	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
heptachlor	200	300[7]	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
heptachlor epoxide	200	300[7]	-[8]	0.36 F	U	0.16	1.4 F	U	0.58	6.1 J	1.9 J	U	U	2.9 F	8.3 J
methoxychlor	-	-	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
toxaphene	-	5,000	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
Other measurements															
% Lipid				2.5	0.7	1.50	1.7	0.8	1.17	3.1	2.8	1.7	1.3	1.3	3.1
Initial Weight (gr)				53.8	66.6	120.4	64.8	91.5	156.3	63.2	65.8	67.2	70.3	73.3	44.1
% Fillet				55.3%			58.5%			--	--	--	--	--	--

2004
Sample Location 2 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Sample ID				SMCFS0201AA1CO	SMCFS0201AA2CO	SMCFS0201AA3CO	SMCFS0201AA4CO	SMCFS0201AA5CO
Sample description *				CO sample of 22 CC	CO sample of 12 CC	CO sample of 12 CC	CO sample of 1 WS	CO sample of 18 BD
Date of Collection				10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004
Metals (mg/Kg)								
cadmium	-	-	- [8]	U	U	U	U	U
mercury	-	1	0.75 - 1.3	0.053 F	0.11	0.061 F	0.098	0.16
PCBs (µg/Kg)								
Aroclor 1016	- [1]	- [2]	-	U	U	U	U	U
Aroclor 1221	- [1]	- [2]	-	U	U	U	U	U
Aroclor 1232	- [1]	- [2]	-	U	U	U	U	U
Aroclor 1242	- [1]	- [2]	-	U	U	U	U	U
Aroclor 1248	- [1]	- [2]	-	U	U	U	U	U
Aroclor 1254	- [1]	- [2]	-	U	U	U	U	U
Aroclor 1260	- [1]	- [2]	-	7.8 F	U	U	U	U
Sum of all PCB congeners	110	2,000	273 - 1380	7.8	0	0	0	0
Pesticides (µg/Kg)								
alpha BHC	100	-	- [8]	U	U	U	U	U
beta BHC	100	-	- [8]	U	U	U	U	U
delta BHC	100	-	- [8]	U	U	U	U	U
gamma BHC (Lindane)	100	-	- [8]	U	U	U	U	U
alpha-Chlordane	500	300 [3]	- [8]	U	U	U	U	U
gamma-Chlordane	500	300 [3]	- [8]	U	U	3.1 F	U	U
p,p'-DDD	200	5,000 [4]	367	2.8 F	3.1 F	U	25	6.4 F
p,p'-DDE	200	5,000 [4]	367	12	U	10	66	35
p,p'-DDT	200	5,000 [4]	367	U	1.0 F	1.4 F	6.6 F	U
aldrin	120	300 [5]	- [8]	1.2 F	U	U	U	3.4 F
dieldrin	120	300 [5]	- [8]	1.7 F	U	1.6 F	4.8 F	4.3 F
alpha endosulfan	-	-	- [8]	U	U	U	U	U
beta endosulfan	-	-	- [8]	1.7 F	U	U	U	U
endosulfan sulfate	-	-	- [8]	U	U	U	U	U
endrin	25	300 [6]	- [8]	3.4 F	2.8 F	1.2 F	U	5.4 F
endrin aldehyde	-	300 [6]	- [8]	U	U	U	U	U
heptachlor	200	300 [7]	- [8]	U	U	U	U	U
heptachlor epoxide	200	300 [7]	- [8]	U	U	U	U	U
methoxychlor	-	-	- [8]	U	U	U	U	U
toxaphene	-	5,000	- [8]	U	U	U	U	U
Other measurements								
% Lipid				1.9	1.6	1.1	1.4	4.6
Initial Weight (gr)				51.5	51.1	50.9	13.4	28.5
% Fillet				--	--	--	--	--

2004
Sample Location 3 Fish Tissue Analytical Results

Fish Sample ID				Sample 1**			Sample 3			Sample 4			Sample 5		
Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	SMCFS0301AA1FI	SMCFS0301AA1OF	Whole fish (mathematically combined).	SMCFS030AA3FI	SMCFS0301AA3OF	Whole fish (mathematically combined).	SMCFS0301AA4WF	SMCFS0301AA4OH	Whole fish (mathematically combined).	SMCFS0301AA5WF	SMCFS0301AA5OH	Whole fish (mathematically combined).
Sample description *				FI sample of 2 WS	OF sample of 2 WS		FI sample of 1 CC	OF sample of 1 CC		WF sample of 1 CC	OH sample of 1 CC		WF sample of 1 CC	OH sample of 1 CC	
Date of Collection				10/22/2004	10/22/2004		10/22/2004	10/22/2004		10/22/2004	10/22/2004		10/22/2004	10/22/2004	
Metals (µg/g)															
cadmium	-	-	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
mercury	-	1	0.51	0.044 F	0.054 F	0.05	0.15	0.052 F	0.10	0.085 F	0.083 F	0.08	0.04 F	0.062 F	0.05
PCBs (µg/Kg)															
Aroclor 1016	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1221	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1232	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1242	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1248	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1254	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1260	-[1]	-[2]	-	U	8.9 F	4.29	U	35 F	18.55	U	12 F	5.42	U	18 F	9.35
Sum of all PCB congeners	110	2,000	128 - 13,500	0	8.9	4.29	0	35	18.55	0	12	5.42	0	18	9.35
Pesticides (µg/Kg)															
alpha BHC	100	-	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
beta BHC	100	-	-[8]	8 F	U	4.15	U	U	U	U	U	U	U	U	U
delta BHC	100	-	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
gamma BHC (Lindane)	100	-	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
alpha-Chlordane	500	300[3]	-[8]	U	U	U	U	2.7 F	1.43	U	U	U	U	U	U
gamma-Chlordane	500	300[3]	-[8]	19	4 F	11.77	5.5 F	5.8 J	5.66	U	5 J	2.26	U	U	U
p,p'-DDD	200	5,000[4]	252 - 870	U	4.1 F	1.98	4.6 F	13	9.05	3 F	10 J	6.16	3.8 F	6.2 J	5.05
p,p'-DDE	200	5,000[4]	252 - 870	13 J	24	18.30	9.7	68	40.60	9.3	67 J	35.37	10	31	20.91
p,p'-DDT	200	5,000[4]	252 - 870	U	4.6 F	2.22	0.89 F	U	0.42	0.86 F	U	0.47	U	U	U
aldrin	120	300[5]	274 - 313	U	1.6 F	0.77	U	U	U	U	3.1 F	1.40	U	2.6 F	1.35
dieldrin	120	300[5]	274 - 313	3.4 F	4 F	3.69	1.5 F	8.8	5.37	1.4 F	4.5 F	2.80	U	4 F	2.08
alpha endosulfan	-	-	-[8]	1.2 F	U	0.62	U	U	U	U	U	U	U	U	U
beta endosulfan	-	-	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
endosulfan sulfate	-	-	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
endrin	25	300[6]	-[8]	U	U	U	U	7.7	4.08	U	6 J	2.71	U	U	U
endrin aldehyde	-	300[6]	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
heptachlor	200	300[7]	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
heptachlor epoxide	200	300[7]	-[8]	U	4.3 F	2.07	U	5.3 F	2.81	U	U	U	U	U	U
methoxychlor	-	-	-[8]	19 F	U	9.85	U	U	U	U	U	U	U	U	U
toxaphene	-	5,000	-[8]	U	U	U	U	U	U	U	U	U	U	U	U
Other measurements															
% Lipid				0.6	2.2	1.37	0.9	3.5	2.28	0.7	2.4	1.47	0.8	2.5	1.68
Initial Weight (gr)				55.3	51.4	106.7	25.1	28.3	53.4	59.8	49.3	109.1	41.9	45.3	87.2
% Fillet				51.8%			47.0%			54.8%			48.1%		

Notes:
** Original samples 1 and 2 were inadvertently combined into one sample at the lab.

2004
Sample Location 4 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	Sample 1			Sample 2			Sample 3			Sample 4			Sample 5		
Sample ID			**SMCFS0401AA1FI**	**SMCFS0401AA1OF**	**Whole fish (mathematically combined).**	**SMCFS0401AA2FI**	**SMCFS0401AA2OF**	**Whole fish (mathematically combined).**	**SMCFS0401AA3FI**	**SMCFS0401AA3OF**	**Whole fish (mathematically combined).**	**SMCFS0401AA4FI**	**SMCFS0401AA4OF**	**Whole fish (mathematically combined).**	**SMCFS0401AA5FI**	**SMCFS0401AA5OF**	**Whole fish (mathematically combined).**
Sample description *			**FI sample of 1 BnT**	**OF sample of 1 BnT**		**FI sample of 1 BkT**	**OF sample of 1 BkT**		**FI sample of 1 BnT**	**OF sample of 1 BnT**		**FI sample of 1 WS**	**OF sample of 1 WS**		**FI sample of 1 WS**	**OF sample of 1 WS**	
Date of Collection			**10/21/2004**	**10/21/2004**		**10/21/2004**	**10/21/2004**		**10/21/2004**	**10/21/2004**		**10/21/2004**	**10/21/2004**		**10/21/2004**	**10/21/2004**	
Metals (µg/g)																	
cadmium	-	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
mercury	-	1	0.099	0.062 F	0.08	0.16	0.046 F	0.10	0.16	0.15	0.15	0.054 F	0.051 F	0.05	0.10 F	0.046	0.08
PCBs (µg/Kg)																	
Aroclor 1016	[1]	[2]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1221	[1]	[2]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1232	[1]	[2]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1242	[1]	[2]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1248	[1]	[2]	170	350	267.48	80	240	158.95	160	310	236.48	110	1200	547.55	160	1100	592.89
Aroclor 1254	[1]	[2]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1260	[1]	[2]	71	140	108.37	32 F	190	109.96	79	270	176.38	36 F	1200	503.25	56	1400	674.95
Sum of all PCB congeners	110	2,000	241	490	375.85	112	430	268.92	239	580	412.86	146	2400	1050.80	216	2500	1267.84
Pesticides (µg/Kg)																	
alpha BHC	100	-	U	U	U	U	2.2 F	1.09	U	U	U	U	U	U	U	U	U
beta BHC	100	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
delta BHC	100	-	U	U	U	U	16 J	7.90	U	U	U	U	U	U	U	U	U
gamma BHC (Lindane)	100	-	1.2 F	U	0.55	8.0 F	U	4.05	U	U	U	U	U	U	U	U	U
alpha-Chlordane	500	300[3]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
gamma-Chlordane	500	300[3]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p,p'-DDD	200	5,000[4]	U	U	U	U	U	U	14 F	21 F	17.57	U	U	U	U	U	U
p,p'-DDE	200	5,000[4]	15	22 F	18.79	46 J	30 J	38.10	27	46 F	36.69	14 J	120	56.55	13 J	98	52.14
p,p'-DDT	200	5,000[4]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
aldrin	120	300[5]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
dieldrin	120	300[5]	37	71	55.41	35 J	50 J	42.40	73	150	112.26	12 J	140 J	63.38	15 J	130	67.96
alpha endosulfan	-	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
beta endosulfan	-	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
endosulfan sulfate	-	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
endrin	25	300[6]	16 J	U	7.33	U	38 J	18.75	U	31 F	15.81	18 J	150 J	70.99	18 J	150	78.79
endrin aldehyde	-	300[6]	U	U	U	17 F	7.4 J	12.26	U	U	U	U	22 F	8.83	U	U	U
heptachlor	200	300[7]	1.0 F	U	0.46	U	4.0 F	1.97	U	U	U	U	U	U	U	U	U
heptachlor epoxide	200	300[7]	U	U	U	U	U	U	U	U	U	U	68	27.30	U	39 F	17.96
methoxychlor	-	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
toxaphene	-	5,000	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Other measurements																	
% Lipid			1.1	2.1	1.64	0.5	1.1	0.80	1.3	2.5	1.91	0.7	4.6	2.27	0.7	3.5	1.99
Initial Weight (gr)			170.9	201.9	372.8	88.9	86.6	175.5	203.9	212.1	416	135.1	90.6	225.7	123.0	105.0	228
% Fillet			45.8%			50.7%			49.0%			59.9%			53.9%		

2004
Sample Location 5 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	Sample 1			Sample 2			Sample 3			Sample 4			Sample 5		
Sample ID			**SMCFS0501AA1FI**	**SMCFS0501AA1OF**	**Whole fish (mathematically combined).**	**SMCFS0501AA2FI**	**SMCFS0501AA2OF**	**Whole fish (mathematically combined).**	**SMCFS0501AA3FI**	**SMCFS0501AA3OF**	**Whole fish (mathematically combined).**	**SMCFS0501AA4FI**	**SMCFS0501AA4OF**	**Whole fish (mathematically combined).**	**SMCFS0501AA5FI**	**SMCFS0501AA5OF**	**Whole fish (mathematically combined).**
Sample description *			**FI sample of BnT**	**OF sample of BnT**		**FI sample of BnT**	**OF sample of BnT**		**FI sample of BnT**	**OF sample of BnT**		**FI sample of WS**	**OF sample of WS**		**FI sample of BnT**	**OF sample of BnT**	
Date of Collection			**10/21/2004**	**10/21/2004**		**10/21/2004**	**10/21/2004**		**10/21/2004**	**10/21/2004**		**10/21/2004**	**10/21/2004**		**10/21/2004**	**10/21/2004**	
Metals (µg/g)																	
cadmium	-	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
mercury	-	1	0.38	0.28	0.32	0.16	0.14	0.15	0.11	0.11	0.11	0.07 F	0.044 F	0.06	0.16	0.12	0.14
PCBs (µg/Kg)																	
Aroclor 1016	[1]	[2]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1221	[1]	[2]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1232	[1]	[2]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1242	[1]	[2]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1248	[1]	[2]	110	480 F	313.77	140	130	134.99	150	330	252.50	160	740	480.44	22 F	50 F	34.31
Aroclor 1254	[1]	[2]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Aroclor 1260	[1]	[2]	280	1400	896.82	190	160	174.98	220	540	402.22	260	770	541.77	46 F	33 F	40.29
Sum of all PCB congeners	110	2,000	390	1880	1210.59	310	290	299.98	370	870	654.71	420	1510	1022.21	68	669.8	332.48
Pesticides (µg/Kg)																	
alpha BHC	100	-	2.7 F	U	1.21	2.4 F	U	1.20	3.3 F	U	1.42	U	U	U	U	U	U
beta BHC	100	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
delta BHC	100	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
gamma BHC (Lindane)	100	-	U	U	U	U	U	U	U	U	U	U	U	U	U	1.6 F	0.70
alpha-Chlordane	500	300[3]	U	U	U	2.2 F	U	1.10	1.1 F	U	0.47	1.4 F	U	0.63	U	16 J	7.03
gamma-Chlordane	500	300[3]	U	U	U	U	U	U	U	31 J	17.65	U	U	U	U	20 J	8.79
p,p'-DDD	200	5,000[4]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p,p'-DDE	200	5,000[4]	26	58	43.62	29 J	21	24.99	11 J	29 J	21.25	15	44	31.02	8.0	20 J	13.27
p,p'-DDT	200	5,000[4]	U	U	U	U	U	U	U	U	U	U	U	U	U	20 J	8.79
aldrin	120	300[5]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
dieldrin	120	300[5]	23 J	46	35.67	24 J	14	18.99	23	66 J	47.49	U	37 J	20.44	4.7	15 J	9.23
alpha endosulfan	-	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
beta endosulfan	-	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
endosulfan sulfate	-	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
endrin	25	300[6]	U	U	U	36 J	U	17.97	U	U	U	U	U	U	U	U	U
endrin aldehyde	-	300[6]	6.2	U	2.79	7.1 J	4.6	5.85	7.7	13 F	10.72	3.6 F	U	1.61	U	U	U
heptachlor	200	300[7]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
heptachlor epoxide	200	300[7]	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
methoxychlor	-	-	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
toxaphene	-	5,000	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Other measurements																	
% Lipid			0.5	1.3	0.94	1.2	1.0	1.10	1.1	2.6	1.95	0.8	1.6	1.24	0.6	9.2	4.38
Initial Weight (gr)			538.4	660.0	1198.4	387.0	388.2	775.2	291.5	385.5	677	58.4	72.1	130.5	267.2	209.5	476.7
% Fillet			44.9%			49.9%			43.1%			44.8%			56.1%		

2007
Sample Location 3 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID				SMCFS0301BB	SMCFS0302BB	SMCFS0303BB	SMCFS0304BB	SMCFS0305BB	SMCFS0306BB	SMCFS0307BB	SMCFS0308BB	SMCFS0309BB	SMCFS0310BB
Sample description *				1 WS	1 WS	1 CC	1 CC	2 CC	1 CC	1 CC	1 WS	1 CC	1 CC
Date of Collection				10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007
Metals (µg/g)													
cadmium	-	-	- [8]	U	U	U	U	U	U	U	U	U	U
mercury	-	1	0.51	0.051 F	0.065 F	0.070 F	0.13	0.088 F	0.075 F	0.075 F	0.070 F	0.11	0.050 F
PCBs (µg/Kg)													
aroclor 1016	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1221	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1232	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1242	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1248	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1254	- [1]	- [2]	-	12.8 F	9.05 F	8.72 F	6.58 F	5.05 F	U	U	5.83 F	U	U
aroclor 1260	- [1]	- [2]	-	13.1 F	11.0 F	5.14 F	7.72 F	7.97 F	U	U	5.09 F	U	U
Sum of all PCB congeners	110	2,000	128 - 13,500	25.9	20.05	13.86	14.3	13.02	U	U	10.92	U	U
Pesticides (µg/Kg)													
alpha BHC	100	-	- [8]	U	U	U	U	U	U	U	U	U	U
beta BHC	100	-	- [8]	U	U	U	U	U	U	U	U	U	U
delta BHC	100	-	- [8]	U	U	U	U	U	U	U	U	U	U
gamma BHC (Lindane)	100	-	- [8]	U	U	U	U	U	U	U	U	U	U
alpha-Chlordane	500	300 [3]	- [8]	4.8 J	U	U	U	U	U	U	U	U	U
gamma-Chlordane	500	300 [3]	- [8]	U	U	1.9 J	U	U	U	U	U	U	U
p,p'-DDD	200	5,000 [4]	252 - 870	1.7 F	8.2 J	2.6 F	5.4 J	U	U	U	2.2 f	U	8.5 J
p,p'-DDE	200	5,000 [4]	252 - 870	7.5 J	280 M	12	150 J	140 J	U	140 J	110 J	7.2 J	86 J
p,p'-DDT	200	5,000 [4]	252 - 870	U	U	U	U	U	U	U	U	U	U
aldrin	120	300 [5]	274 - 313	5.8 J	U	U	U	U	U	U	U	U	U
dieldrin	120	300 [5]	274 - 313	U	U	U	U	U	U	U	U	U	U
alpha endosulfan	-	-	- [8]	U	U	U	U	U	U	U	U	U	U
beta endosulfan	-	-	- [8]	1.5 F	6.5 J	2.2 F	3.6 J	6.0 J	U	6.6 J	1.8 F	18 J	8.5 J
endosulfan sulfate	-	-	- [8]	U	U	U	U	U	U	U	U	U	U
endrin	25	300 [6]	- [8]	2.4 F	7.7 J	4.1 J	6.6 J	9.3 J	2.6 F	12 J	1.5 F	2.7 F	14 J
endrin aldehyde	-	300 [6]	- [8]	1.5 F	U	U	U	4.3 J	1.6 F	4.5 J	U	U	U
heptachlor	200	300 [7]	- [8]	17 J	14 M	3.6 J	4.6 J	13 J	7.4 J	16 J	10 J	19 J	16 J
heptachlor epoxide	200	300 [7]	- [8]	U	U	1.9	2.2 J	U	U	U	U	U	3.3 J
methoxychlor	-	-	- [8]	U	U	U	U	U	U	U	U	U	U
toxaphene	-	5,000	- [8]	U	U	U	U	U	U	U	U	U	U
Other measurements													
% Lipid				0.279	0.453	0.859	0.651	0.456	0.591	0.594	1.39	0.581	0.926

2007
Sample Location 4 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID				SMCFS0401BB	SMCFS0402BB	SMCFS0403BB	SMCFS0404BB	SMCFS0405BB	SMCFS0406BB	SMCFS0407BB	SMCFS0408BB	SMCFS0409BB	SMCFS0410BB
Sample description *				1 BT	1 WS	1 BB	1 WS	1 WS	1 WS	1 WS	1 WS	1 WS	1 WS
Date of Collection				10/24/2007	10/24/2007	10/24/2007	10/24/2007	10/24/2007	10/24/2007	10/24/2007	10/24/2007	10/24/2007	10/24/2007
Metals (µg/g)													
cadmium	-	-	- [8]	0.10 F	U	U	U	U	U	U	0.039 F	U	U
mercury	-	1	0.51	0.095 F	0.041 F	0.011 F	0.047 F	0.049 F	0.067 F	0.053 F	0.050 F	0.057 F	0.043 F
PCBs (µg/Kg)													
aroclor 1016	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1221	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1232	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1242	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1248	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1254	- [1]	- [2]	-	915	524	363	488	776	1040 J	1070	620	657	728
aroclor 1260	- [1]	- [2]	-	398	328	241	361	599	578 J	622	381	373	423
Sum of all PCB congeners	110	2,000	128 - 13,500	1313	852	604	849	1375	1618	1692	1001	1030	1151
Pesticides (µg/Kg)													
alpha BHC	100	-	- [8]	U	U	U	U	U	U	U	U	U	U
beta BHC	100	-	- [8]	U	U	U	U	17 M	17 M	U	U	U	U
delta BHC	100	-	- [8]	U	U	U	U	U	U	U	U	U	U
gamma BHC (Lindane)	100	-	- [8]	U	U	U	U	U	U	U	7.6 M	U	U
alpha-Chlordane	500	300 [3]	- [8]	U	U	U	9.9 J	53 M	U	U	U	U	U
gamma-Chlordane	500	300 [3]	- [8]	U	U	U	U	U	U	U	U	U	U
p,p'-DDD	200	5,000 [4]	252 - 870	9.8 J	U	U	U	U	U	U	U	U	U
p,p'-DDE	200	5,000 [4]	252 - 870	43 J	U	U	U	U	U	U	U	U	U
p,p'-DDT	200	5,000 [4]	252 - 870	U	U	53 J	U	U	U	U	U	U	U
aldrin	120	300 [5]	274 - 313	U	U	U	U	U	U	U	U	U	U
dieldrin	120	300 [5]	274 - 313	U	U	U	U	U	36 J	43 M	U	U	U
alpha endosulfan	-	-	- [8]	U	U	U	U	U	U	U	U	U	U
beta endosulfan	-	-	- [8]	U	U	U	U	U	U	U	U	U	U
endosulfan sulfate	-	-	- [8]	U	U	U	U	U	U	U	U	U	U
endrin	25	300 [6]	- [8]	19 J	13 J	12 J	14 J	19 M	U	U	U	U	U
endrin aldehyde	-	300 [6]	- [8]	U	U	U	U	U	12 M	11 M	U	U	7.0 M
heptachlor	200	300 [7]	- [8]	39 J	U	U	U	U	U	U	U	U	U
heptachlor epoxide	200	300 [7]	- [8]	U	U	U	U	U	U	U	U	U	U
methoxychlor	-	-	- [8]	19 J	U	U	U	U	U	U	U	U	U
toxaphene	-	5,000	- [8]	U	U	U	U	U	U	U	U	U	U
Other measurements													
% Lipid				1.76	0.455	1.24	0.902	1.44	1.46	1.43	0.712	0.676	1.13

2007
Sample Location 5 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID				SMCFS0501BB	SMCFS0502BB	SMCFS0503BB	SMCFS0504BB	SMCFS0505BB	SMCFS0506BB	SMCFS0507BB	SMCFS0508BB	SMCFS0509BB	SMCFS0510BB
Sample description *				1 WS	1 WS	1 WS	1 WS	4 BT	4 BT	1 BT	4 PKS	7 WS	MI
Date of Collection				10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007	10/26/2007
Metals (µg/g)													
cadmium	-	-	-[8]	U	U	U	U	U	0.036 F	U	U	U	0.051 F
mercury	-	1	0.51	0.058 F	0.044 F	0.071 F	0.040 F	0.038 F	0.032 F	0.048 F	0.082 F	0.032 F	0.0052 F
PCBs (µg/Kg)													
aroclor 1016	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1221	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1232	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1242	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1248	-[1]	-[2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1254	-[1]	-[2]	-	335	492	638	687	366	492	574	464	298	19.1
aroclor 1260	-[1]	-[2]	-	198	387	434	547	252	268	436	331	239	22.5
Sum of all PCB congeners	110	2,000	128 - 13,500	533	879	1072	1234	618	760	1010	795	537	41.6
Pesticides (µg/Kg)													
alpha BHC	100	-	-[8]	U	U	U	U	U	U	U	25 M	U	U
beta BHC	100	-	-[8]	7.5 J	U	U	U	U	U	12 M	U	U	U
delta BHC	100	-	-[8]	25 J	U	U	U	U	U	U	U	U	47 J
gamma BHC (Lindane)	100	-	-[8]	U	U	U	U	U	U	U	U	U	U
alpha-Chlordane	500	300[3]	-[8]	27 J	U	U	U	U	U	U	U	U	U
gamma-Chlordane	500	300[3]	-[8]	U	U	U	U	U	U	U	U	U	U
p,p'-DDD	200	5,000[4]	252 - 870	U	U	U	U	U	U	U	14 M	U	U
p,p'-DDE	200	5,000[4]	252 - 870	U	U	U	U	U	11 J	8.2 M	43 M	U	U
p,p'-DDT	200	5,000[4]	252 - 870	U	U	U	U	U	U	U	U	U	5.0 M
aldrin	120	300[5]	274 - 313	U	U	U	U	U	U	U	U	U	U
dieldrin	120	300[5]	274 - 313	21 J	U	U	22 J	30 J	U	33 M	48 M	U	11 J
alpha endosulfan	-	-	-[8]	U	U	U	U	U	U	U	U	U	U
beta endosulfan	-	-	-[8]	U	U	U	U	U	U	U	U	U	U
endosulfan sulfate	-	-	-[8]	U	U	U	U	U	U	U	U	U	U
endrin	25	300[6]	-[8]	U	U	U	U	U	U	U	U	U	U
endrin aldehyde	-	300[6]	-[8]	6.1 J	10 M	13 M	9.6 M	8.2 J	8.4 M	U	U	U	3.0 F
heptachlor	200	300[7]	-[8]	14 J	U	U	U	U	U	U	U	U	29 J
heptachlor epoxide	200	300[7]	-[8]	U	U	U	U	U	U	U	U	U	4.9 M
methoxychlor	-	-	-[8]	U	U	25 M	14 F	12 F	32 M	10 F	U	U	U
toxaphene	-	5,000	-[8]	U	U	U	U	U	U	U	U	U	U
Other measurements													
% Lipid				1.40	0.803	1.47	0.693	1.12	1.22	0.809	1.26	0.674	0.213

2010
SMC-1 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Sample ID				SMCFS0101CA	SMCFS0102CA	SMCFS0103CA	SMCFS0104CA	SMCFS0105CA
Sample description *				2 CC	15 CC	14 CC	17 WS	38 BD
Date of Collection				11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010
PCBs (µg/Kg)								
aroclor 1016	- [1]	- [2]	-	U	U	U	U	U
aroclor 1221	- [1]	- [2]	-	U	U	U	U	U
aroclor 1232	- [1]	- [2]	-	U	U	U	U	U
aroclor 1242	- [1]	- [2]	-	U	U	U	U	U
aroclor 1248	- [1]	- [2]	-	U	U	U	U	U
aroclor 1254	- [1]	- [2]	-	U	U	U	U	21
aroclor 1260	- [1]	- [2]	-	U	U	U	U	U
Sum of all PCB congeners	110	2,000	128 - 13,500	0	0	0	0	21
Other measurements								
% Lipid				1.6	2.6	2.2	2.6	3.3

2010
SMC-4 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID				SMCFS0401CA	SMCFS0402CA	SMCFS0403CA	SMCFS0404CA	SMCFS0405CA	SMCFS0406CA	SMCFS0407CA	SMCFS0408CA	SMCFS0409CA	SMCFS0410CA
Sample description *				1 BT	1 BT	1 BT	1 WS	1 WS	3 CC	2 CC	3 CC	3 CC	6 BB
Date of Collection				11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010
PCBs (µg/Kg)													
aroclor 1016	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1221	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1232	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1242	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1248	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1254	- [1]	- [2]	-	220	280	130	200	40	67	160	170	160	130
aroclor 1260	- [1]	- [2]	-	110	160	97	100	16	30	100	160	130	78
Sum of all PCB congeners	110	2,000	128 - 13,500	330	440	227	300	56	107	260	330	290	208
Other measurements													
% Lipid				2.1	1.8	1.3	0.91	0.85	0.69	2.2	0.61	0.83	2.1

2010
SMC-5 Fish Tissue Analytical Results

Fish Sample ID	NYSDEC Pisc. Wildlife Criteria	NYSDOH Fish Advisory Guideline	1993/4 RI Results (LAW, Dec 1996).	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample ID				SMCFS0501CA	SMCFS0502CA	SMCFS0503CA	SMCFS0504CA	SMCFS0505CA	SMCFS0506CA	SMCFS0507CA	SMCFS0508CA	SMCFS0509CA	SMCFS0510CA
Sample description *				1 BT	1 BT	1 BT	1 BT	1 BT	1 WS	1 WS	1 WS	1 WS	1 WS
Date of Collection				11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010
PCBs (µg/Kg)													
aroclor 1016	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1221	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1232	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1242	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1248	- [1]	- [2]	-	U	U	U	U	U	U	U	U	U	U
aroclor 1254	- [1]	- [2]	-	440	370	420	230	170	120	230	300	200	210
aroclor 1260	- [1]	- [2]	-	250	410	270	190	150	53	94	140	130	140
Sum of all PCB congeners	110	2,000	128 - 13,500	690	780	690	420	320	173	324	440	330	350
Other measurements													
% Lipid				2.0	1.2	2.6	2.0	1.7	1.0	3.5	2.7	0.7	0.73

Fish Tissue:

F - The analyte was positively identified above the MDL, however, the concentration is below the RL.
J - The analyte was positively identified, but the quantitation is an estimation.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.
UJ - The analyte was analyzed for, but not detected. The quantitation is an approximation.
1 - The PCB piscivorous wildlife criterion of 110 ppb applies to the sum of all PCB congeners.
2 - The PCB fish advisory guideline of 2,000 ppb applies to the sum of all PCB congeners.
3 - The chlordane fish advisory guideline of 300 ppb applies to the sum of all chlordane compounds.
4 - The DDT fish advisory guideline of 5,000 ppb applies to the sum of all DDT, DDE, and DDD compounds.
5 - The aldrin fish advisory guideline of 300 ppb applies to the sum of all aldrin/dieldrin compounds.
6 - The endrin fish advisory guideline of 300 ppb applies to the sum of all endrin/ endrin aldehyde compounds.
7 - The heptachlor fish advisory guideline of 300 ppb applies to the sum of all heptachlor/ heptachlor epoxide compounds.
8 - This compound was not detected in the 1993/4 RI above the NYSDEC Pisc. Wildlife Criteria.
9 - This percentage is the wholefish weight divided by the total fish weight.
- - No piscivorous wildlife criterion or fish advisory guideline is available.
***** BB is Black Bullhead, BD is blacknosed dace, BT is Brown Trout, CC is creek chub, and WS is white sucker.
- Indicates an exceedance of the NYSDOH Fish Advisory Guidelines and/or the NYSDEC Pisc. Wildlife Criteria.

Building 35 Groundwater Sampling Results
March 2002 through April 2010 Sampling Rounds

Sample Location	NYSDEC GW Standards (µg/L)	B035MW-4										
Sample ID		B035M0415AA	B03M0415BA	B035M0415CA	B035M0415DA	B035M0415EA	B035M0416FA	B035M0416GA	B035M0416HA<>	B035M0416GB	B035M0416HA	B035M0416IA
Date of Collection		3/12/02	3/11/03	6/9/04	3/29/05	3/24/06	4/18/07	4/8/08	12/10/08	2/26/09	3/24/09	4/13/2010
Sample Depth (ft BTOIC)		15	15	15	15	15	16	16	16	16	16	16
VOC (µg/L)												
acetone	5	U	U	1.8 F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
tetrachloroethylene (PCE)	5	0.84	0.82	0.81 F	0.63	0.66	0.42 F	0.320 F	0.520 F	0.590 F	0.620 F	0.210 F
trichloroethylene (TCE)	5	0.75 ♦	0.55	0.97 F	0.28 F	0.35 F	0.35 F	0.250 F	0.450 F	0.510 F	0.520 F	0.390 F
cis-1,2-dichloroethylene	5	21	18	32	7.8	9.3	13.9	12.0	18.4	16.4	17.4	13.1
trans-1,2-dichloroethylene	5	0.37 F♦	0.22 F	0.69 F	U	U	0.39 F	0.310 F	0.360 F	0.400 F	0.380 F	0.460 F
vinyl chloride	2	0.75	0.54	1.1	0.45 F	0.55	0.88 F	0.560 F	0.670 F	0.550 F	1.11	3.03
Wet Chemistry Data (mg/L)												
Alkalinity	--	N/S	N/S	N/S	N/S	N/S	N/S	N/S	280	290	280	270
Chloride	250	N/S	N/S	N/S	N/S	N/S	N/S	N/S	2.4	60 J	73	96
Nitrogen, Nitrate	10	N/S	N/S	N/S	N/S	N/S	N/S	N/S	U	U	U	U
Sulfate	250	N/S	N/S	N/S	N/S	N/S	N/S	N/S	13	1.4	2.7	11
TOC	--	N/S	N/S	N/S	N/S	N/S	N/S	N/S	2.0	9.2	8.2	1.9

Notes:
BTOIC - below top of inner casing.
F - Analyte was positively identified but the associated numerical value is below the RL.
N/S - Not sampled.
U - Analyte analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
J - The analyte was positively identified, the quantity is an estimate.
-- Indicates no NYS GA Groundwater Standard.
♦ - Concentrations are from duplicate sample, which was greater than the original sample.
▭ - Indicates an exceedance of the NYS Groundwater Standard.
<> - Sample is not included in the annual sampling round, sample was collected to monitor ground water before Newman Zone injection.