

**FOURTH FIVE-YEAR REVIEW REPORT FOR
LAKELAND DISPOSAL SERVICE, INC. SUPERFUND SITE
KOSCIUSKO COUNTY, INDIANA**



Prepared by

**U.S. Environmental Protection Agency
Region 5
Chicago, Illinois**

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Table of Contents

LIST OF ABBREVIATIONS & ACRONYMS.....	3
I. INTRODUCTION.....	4
FIVE-YEAR REVIEW SUMMARY FORM	5
II. RESPONSE ACTION SUMMARY	6
Basis for Taking Action	6
Response Actions.....	7
Status of Implementation.....	9
IC Summary Table.....	10
Systems Operations/Operation & Maintenance.....	11
III. PROGRESS SINCE THE LAST REVIEW	13
IV. FIVE-YEAR REVIEW PROCESS	14
Community Notification, Involvement & Site Interviews	14
Data Review	14
Site Inspection	20
V. TECHNICAL ASSESSMENT	20
QUESTION A: Is the remedy functioning as intended by the decision documents?.....	20
QUESTION B: Are the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives (RAOs) used at the time of the remedy selection still valid?	21
QUESTION C: Has any other information come to light that could call into question the protectiveness of the remedy?	21
VI. ISSUES/RECOMMENDATIONS	21
VII. PROTECTIVENESS STATEMENT	22
VIII. NEXT REVIEW.....	22

Tables

Table 1 – Protectiveness Determinations/Statements from the 2015 FYR

Table 2 – Status of Recommendations from the 2015 FYR

Table 3 – Summary of Planned and/or Implemented ICs

Table 4 – November 16, 2018, Groundwater Elevations

Table 5 – March 29, 2019, Groundwater Elevations

Attachments

Attachment 1	Site Map
Attachment 2	List of Documents Reviewed
Attachment 3	IDEM Discharge Authorization
Attachment 4	Environmental Restrictive Covenants
Attachment 5	Site Inspection Checklist
Attachment 6	Wetland Mitigation Area Inspection Checklist
Attachment 7	Newspaper Ad
Attachment 8	Tables 2, 3, 4, 5, 8, 9, 10, and 11

LIST OF ABBREVIATIONS & ACRONYMS

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
ECs	Environmental Covenants
EPA	United States Environmental Protection Agency
FOD	Frequency of Detection
FYR	Five-Year Review
HDPE	High density polyethylene
ICs	Institutional Controls
IDEM	Indiana Department of Environmental Management
ISBH	Indiana State Board of Health
LEL	Lower explosive limit
LTDD	Low temperature thermal desorption
LLDPE	Linear low-density polyethylene
MCL	Maximum Contaminant Level
NCP	National Contingency Plan
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
O&M	Operation and Maintenance
OU	Operable unit
PRPs	Potentially Responsible Parties
RA	Remedial Action
RCRA	Resource Conservation and Recovery Act
RD/RA	Remedial Design/Remedial Action
RI/FS	Remedial Investigation/Feasibility Study
RME	Reasonable Maximum Exposure
ROD	Record of Decision
Site	Lakeland Disposal Service, Inc. Superfund Site
SOW	Scope of Work
SSI	Statistically Significant Increase
SVOCs	Semi-Volatile Organic Compounds
TCLP	Toxicity Characteristic Leaching Procedure
UAO	Unilateral Administrative Order
ug/L	Micrograms per liter
USGS	United States Geological Survey
UTLs	Upper tolerance limits
UU/UE	Unlimited use and unrestricted exposure
VOCs	Volatile Organic Compounds

I. INTRODUCTION

The purpose of a Five-Year Review (FYR) is to evaluate the implementation and performance of a remedy in order to determine whether the remedy is and will continue to be protective of human health and the environment. The methods, findings, and conclusions of reviews are documented in FYR reports such as this one. In addition, FYR reports identify issues found during the review, if any, and document recommendations to address them.

The United States Environmental Protection Agency (EPA) is preparing this FYR pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 121, consistent with the National Contingency Plan (NCP)(40 C.F.R. Section 300.430(f)(4)(ii)), and considering EPA policy.

This is the fourth FYR for the Lakeland Disposal Service, Inc. Superfund Site (Site). The triggering action for this statutory review is the completion date of the previous FYR. The FYR has been prepared due to the fact that hazardous substances, pollutants, or contaminants remain at the Site above levels that allow for unlimited use and unrestricted exposure (UU/UE). The Site consists of one operable unit (OU) for the entire site and it will be addressed in this FYR.

The Lakeland Disposal Service, Inc. Superfund Site FYR was led by Scott Hansen, Remedial Project Manager with EPA. Stephanie Andrews, Project Manager with the Indiana Department of Environmental Management (IDEM), assisted in the review. The relevant entities such as IDEM and the contractor for the PRPs were notified of the initiation of the FYR. The review began on May 22, 2019.

Site Background

The Site is located approximately 3.5 miles northwest of Claypool, Indiana. The Site is located in Section 12, Township 31 North, Range 5 East, Kosciusko County, Indiana and is bounded on the west by County Road 450 West (Attachment 1). The Site consists of approximately 39 acres and operated as a sanitary landfill from June 1974 to December 1978 by Lakeland Disposal Service, Inc. Prior to 1974, the Site was used for agricultural purposes. The landfill contained general refuse (e.g., plastic, metal, wood, leaves, paper and cardboard) and certain industrial wastes. The southern half of the landfill is surrounded by agricultural land. An agricultural drainage ditch, called Sloan Ditch, runs parallel to the eastern and northern edges of the Site. Several wetland areas exist along Sloan Ditch. Wooded areas are located east of the landfill along Sloan Ditch and the adjacent wetlands. Sloan Ditch discharges into Palestine Lake, which then continues to discharge to the Tippecanoe River via Trimble Creek. There are approximately seven (7) residences within one-half mile of the Site. Two residences are located south of the Site, three residences are west of the Site and two residences are north of the Site. All of the homes in the vicinity of the Site rely on their own private wells to provide drinking water and water for general use. The groundwater flow direction at the landfill Site is generally toward the east to northeast. The private wells are located either upgradient or side-gradient of the Site. There is no development in the surrounding area.

According to the Indiana State Board of Health (ISBH) records, the following known industrial wastes were disposed at the Site:

- Various sludges containing mainly the hydroxides of aluminum, cadmium, chromium, copper, lead, nickel, tin, selenium, and zinc;

- cyanide, zinc, and chrome plating liquid;
- paint sludge;
- sugar contaminated with bromochloromethane;
- oil and oily waste water; and
- filter sand contaminated with hydroxides of lead, zinc, copper, and chrome.

According to ISBH records and other information, at least 18,000 drums of waste materials were disposed at the Site. In addition, approximately 8,900 tons of plating sludge and more than two million gallons of plating sludge containing various hydroxide sludges of aluminum, cadmium, chromium, copper, lead, nickel, tin, selenium, and zinc were disposed at the Site. EPA proposed the Site for inclusion on the National Priorities List (NPL) in June 1988 and placed the Site on the NPL in March 1989. For additional Background and Historical Information on the Site, please refer to the 1993 Remedial Investigation/Feasibility Study (RI/FS), 1993 Record of Decision (ROD), the 1998 ROD Amendment, and previous FYRs (2005, 2010, 2015).

FIVE-YEAR REVIEW SUMMARY FORM

SITE IDENTIFICATION		
Site Name: Lakeland Disposal Service, Inc.		
EPA ID: IND064703200		
Region: 5	State: IN	City/County: Claypool/Kosciusko
SITE STATUS		
NPL Status: Final		
Multiple OUs? No	Has the site achieved construction completion? Yes	
REVIEW STATUS		
Lead agency: EPA <i>[If "Other Federal Agency", enter Agency name]:</i>		
Author name (Federal or State Project Manager): Scott Hansen		
Author affiliation: Remedial Project Manager		
Review period: 5/22/2019 – 2/20/2020		
Date of site inspection: 11/14/2019		
Type of review: Statutory		
Review number: 4		
Triggering action date: 5/20/2015		
Due date (five years after triggering action date): 5/20/2020		

II. RESPONSE ACTION SUMMARY

Basis for Taking Action

Contaminants from the landfill were identified in the groundwater within the shallow upper aquifer, surficial soil, subsurface soil, surface water, leachate, wastes and sediments from Sloan Ditch and adjacent wetlands. The most highly-contaminated media included a hot-spot area containing drummed wastes in the northern portion of the landfill and the groundwater in the shallow upper aquifer.

The risk exposure pathways were direct contact with, or ingestion of, contaminants in soils, groundwater and sediments. The potential risks at the Site exceeded EPA's risk criteria for the reasonable maximum exposure (RME) scenarios, and thus presented unacceptable current and potential future risks to human health.

Final Contaminants of Concern

Contaminants of concern were identified in the groundwater, surficial soil, subsurface soil, surface water, leachate, wastes and sediments. Contaminants of concern included 23 volatile organic compounds (VOCs) (acetone; benzene; 2-butanone; carbon disulfide; chlorobenzene; chloroethane; chloroform; 1,1-dichloroethane; 1,2-dichloroethane; 1,1-dichloroethene; 1,2-dichloroethene; ethylbenzene; 2-hexanone; methylene chloride; 4-methyl-2-pentanone; tetrachloroethene; tetrahydrofuran; toluene; 1,1,1-trichloroethane; 1,1,2-trichloroethane; trichloroethene; vinyl chloride; and xylenes), nine semi-volatile organic compounds (SVOCs) (benzoic acid, bis[2-ethylhexyl]phthalate, butylbenzylphthalate, diethylphthalate, di-n-butylphthalate, di-n-octylphthalate, 4-methylphenol, naphthalene, and phenol), and 19 inorganics (aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, cyanide, lead, manganese, mercury, nickel, selenium, silver, thallium, vanadium, and zinc).

Risk Characterization

An exposure assessment was performed to identify actual and potential pathways by which human exposure to contaminated Site media may occur. Exposure pathways were identified for two Site land use scenarios: pathways based on land use practices as they currently exist, and potential pathways based on land use changes which may occur in the future and result in additional types of exposure.

Pathways considered to be the most significant at the Site included exposure through groundwater use and direct contact with soil, summarized as follows:

Current Land Use Conditions

1. Exposure of local residents to constituents in surficial soils and wetland sediments by ingestion, dermal contact and inhalation;
2. Exposure of local residents to constituents in groundwater by ingestion, dermal contact and inhalation of volatile contaminants released into indoor air through household use;
3. Dermal contact with surface water and sediments of Sloan Ditch;
4. Ingestion of turkey meat from turkeys exposed to landfill soils grasses;
5. Exposure to landfill wastes by dermal contact.

Potential Future Land Use Conditions

1. Exposure of future residents to contaminated groundwater resulting from either installation of a well within the contaminant plume or by migration of groundwater contaminants to existing wells. Exposure may occur through drinking and dermal absorption. Contaminant concentrations are assumed to exist in the future as under current conditions.
2. Exposure to individuals to contaminated soils at a future residence developed at the source areas. Exposures may occur through incidental ingestion of soil and dermal absorption. It is assumed contaminants in either surface or subsurface soils at current concentrations are made available for exposure as a result of Site development.

Ecological Risks

Ecological impacts from the site-related contamination were also evaluated. These findings established a limited impact to the local wetlands. Based on a study of wetland sediment samples, landfill waste materials were detected 1.5 to 2 feet below wetland surface areas. Although these materials potentially could migrate from the deeper sediments to the upper sediments, the 0 to .5-foot wetland sediments did not contain levels of contaminants that could adversely affect wetland organisms. Elevated levels of zinc detected in wetland sediments, however, may adversely affect aquatic organisms. Surface leachate seeps also contained elevated levels of organic contaminants and may adversely affect immediately adjacent flora and fauna.

Response Actions

EPA issued a ROD for the Lakeland Disposal Service Inc. Superfund Site on September 28, 1993, and later issued a ROD Amendment on October 15, 1998. The goals stated in the 1993 ROD are as follows:

- Prevent or reduce the release of contaminants from the landfill into the various environmental media including air, groundwater, surface water and sediments of Sloan Ditch, and the adjacent wetlands;
- ensure that chemical-specific applicable or relevant and appropriate requirements (ARARs) are not exceeded outside the boundaries of the landfill;
- prevent or reduce off-site migration of contaminated groundwater (the MCLs for the groundwater cleanup levels are included in Tables 2 and 3 in Attachment 8);
- prevent or reduce the potential risk to human health associated with exposure to contaminated groundwater and/or landfill waste at the Site; and
- minimize all future adverse effects to the adjacent wetlands.

The remedy selected in the 1993 ROD for the Site primarily consisted of a sanitary landfill cap for surface containment of the waste material and a soil-bentonite slurry wall for containment of the on-site groundwater in the upper aquifer. In addition, the 1993 ROD provided for the removal and off-site treatment and/or disposal of any drummed and non-containerized waste material from the Waste Disposal Area 2 which exhibits Resource Conservation and Recovery Act (RCRA) hazardous waste characteristics. When EPA issued the ROD Amendment in 1998, many of the elements of the 1993 ROD did not change. Therefore, the findings made in the 1993 ROD remained the same except for the few significant changes described in the 1998 ROD Amendment, which are as follows:

1993 ROD	1998 ROD Amendment
Waste Disposal Area 2 excavated and shipped off-site for treatment/disposal	Waste Disposal Area 2 excavated and treated on-site utilizing low temperature thermal desorption (LTTD)
Extraction wells used to contain on-site groundwater in the upper aquifer	Subsurface drain to contain on-site groundwater in the upper aquifer
Low permeability compacted clay layer for cover system design	Low-density polyethylene geomembrane to serve as a barrier layer in cover system design

The major components of the selected remedy that currently apply to the Site from the 1993 ROD and 1998 ROD Amendment include the following:

- Construction of an Indiana Sanitary Landfill Cap, in accordance with Indiana Solid Waste Management Regulations contained in 329 IAC 2-14-19 (updated 329 IAC 10) and RCRA Subtitle D cover requirements for surface containment of the waste material;
- Construction of a soil-bentonite slurry wall and extraction wells for containment of the on-site groundwater in the upper aquifer;
- Storage, treatment, if necessary, to meet National Pollutant Discharge Elimination System (NPDES) requirements, and discharge of recovered groundwater;
- Excavation of material contained within Waste Disposal Area 2 with on-site treatment using LTTD. The LTTD process involves using temperature to separate (desorb) organic contamination from soils;
- Institutional Controls (ICs) such as fencing to prevent access, groundwater advisories, and possible well abandonment and deed restrictions to prevent future development from interfering with remedial components, as provided for by Indiana regulations;
- Construction of an adjustable weir in Sloan Ditch, if necessary, to maintain proper water levels in the adjacent wetlands;
- Excavation and disposal off-site of any landfill wastes and debris encountered during excavation of the slurry wall which exhibit RCRA hazardous waste characteristics per Toxicity Characteristic Leaching Procedure (TCLP) test;
- A wetlands assessment to determine the portions of the wetlands that are affected by the installation of the selected remedy. Based on the assessments, the Remedial Action (RA) will include a program to mitigate, replace and/or restore wetlands;
- A groundwater monitoring program, which includes periodic monitoring of groundwater, surface water and sediments, and residential wells, if necessary, will be established to monitor the effectiveness of the remedy and provide assurance that contaminated groundwater from the site is not impacting the local residents or the environment.

Status of Implementation

On December 16, 1993, EPA issued special notice letters to 40 PRPs to initiate Consent Decree (CD) negotiations for the Remedial Design/Remedial Action (RD/RA) phase of the landfill cleanup. No good faith offer was received. On April 25, 1994, EPA issued a Unilateral Administrative Order (UAO) to five PRPs to conduct RD/RA activities.

A pre-design study investigation was completed at the Site during the period of January through March 1995 to support development of the final remedial design. The pre-design study investigation consisted of a perimeter soil boring program, a comprehensive groundwater monitoring event, short-term well yield pump tests, identification of existing drain tiles, extent of waste investigation at Waste Disposal Area 2, landfill gas evaluation, borrow source investigation, wetlands delineation, air monitoring, and data validation.

Because of the duration of the project, the remedial action was divided into two phases. Phase I covered only one major component of the selected remedy: the excavation of material contained within Waste Disposal Area 2 with on-site treatment using LTTD. The Phase I RA began on August 14, 2000, when EPA approved the LTTD portion of the design. Phase II included all the remaining tasks of the selected remedy. The Phase II RA began in October 2001 after EPA approved the design for the groundwater containment and landfill cover system. The groundwater containment and landfill cover system remedial activities were completed in two different construction seasons (fall 2001 and spring 2002).

The Site achieved construction completion in September 2002. A Preliminary Close-Out Report was completed on September 26, 2002.

The main components of the RA that were completed are as follows:

- LTTD of excavated material from Waste Disposal Area 2
- Construction of a Soil-Bentonite Slurry Wall
- Construction of Subsurface Drain to contain on-site groundwater in the upper aquifer area
- Implementation of a Groundwater Treatment System
 - Groundwater Treatment Building
 - Groundwater Treatment Equipment
- Construction of a Landfill Cap
- Wetland Mitigation
- Other Implementations as Part of the RA
 - Slurry Wall Modifications
 - Steel Sheet Piling
 - Installation of Groundwater Monitoring Wells
 - Installation of Fencing to Prevent Access

Institutional Controls

The 1993 ROD requires ICs to assure the long-term protectiveness for any areas which do not allow for UU/UE. The ICs that are currently in place for the Site consist of Environmental Covenants (ECs) titled

"Environmental Protection Easement and Declaration of Restrictive Covenants" (see Table 1). A map showing the area in which the ICs apply is included in Attachment 4 to this FYR.

Table 1: Summary of Planned and/or Implemented ICs

Media, engineered controls, and areas that do not support UU/UE based on current conditions	ICs Needed	ICs Called for in the Decision Documents	Impacted Parcel(s)	IC Objective	Title of IC Instrument Implemented and Date (or planned)
RA components such as wells, and treatment system	Yes	Yes	See Attachment 4	Prohibits use of land underlying the Site, and assures the integrity of remedy components	On April 20 and May 19, 2005, "Environmental Protection Easement and Declaration of Restrictive Covenants" were signed by Site owners and recorded in Kosciusko County
Landfill Cap	Yes	Yes	See Attachment 4	Prohibits use of land underlying the Site, and assures the integrity of the landfill cap	On April 20 and May 19, 2005, "Environmental Protection Easement and Declaration of Restrictive Covenants" were signed by Site owners and recorded in Kosciusko County
Groundwater – area that exceeds cleanup levels	Yes	Yes	See Attachment 4	Prohibits use of Groundwater	On April 20 and May 19, 2005, "Environmental Protection Easement and Declaration of Restrictive Covenants" were signed by Site owners and recorded in Kosciusko County
Montel Estate Property	Yes	Yes	See Attachment 4	Prohibits use of land and groundwater underlying the Site, and assures the integrity of remedy components	On August 27, 2015 "Environmental Protection Easement and Declaration of Restrictive Covenants" was signed by Site owner and recorded in Kosciusko County

Current compliance

Based on Site inspections and interviews, EPA found no evidence of a breach of IC requirements and the existing use has been consistent with the objectives of the land use restrictions. Also, there has been no evidence of groundwater uses at the Site which are inconsistent with the IC objectives. As mentioned in the Site Background section above, the residences in the vicinity of the Site rely on their own private wells to provide drinking water and water for general use. The groundwater flow direction at the landfill Site is generally toward the east to northeast. The private wells are located either upgradient or side-gradient of the Site.

Long-Term Stewardship

Long-term protectiveness at the Site requires compliance with use restrictions to assure the remedy continues to function as intended. The O&M Manual was revised in 2018. It includes procedures to ensure long-term IC stewardship, including regular inspections of the engineering controls and access controls at the Site, reviews of the ICs, and progress reports with results of the inspection and review and certification to EPA that ICs remain in-place and are effective.

Systems Operations/Operation & Maintenance

The O&M Manual provides comprehensive instructions to ensure that the following critical performance standards are verified:

- Monitoring and maintaining the required hydraulic gradients across the groundwater containment system;
- Monitoring the effectiveness of the slurry wall and subsurface drain;
- Monitoring and maintaining an effective and efficient groundwater treatment system;
- Monitoring and maintaining the landfill cover system and stormwater management system;
- Monitoring and maintaining the wetlands mitigation area;
- Monitoring and assessing the quality assurance of applicable laboratory analytical data; and
- Regular inspections of the engineering controls and access controls at the Site, reviews of the ICs, and progress reports to ensure long-term IC stewardship.

The O&M Manual provides for inspection and repair of the physical components of the Site after closure. Maintenance activities for the final cap includes: mowing, earthwork activities to correct erosion and sedimentation problems, revegetation of disturbed or distressed areas, regrading in settlement areas as necessary, and localized repairs due to intrusion, vandalism, etc. The final cap is inspected quarterly for signs of damage. The O&M activities are planned to occur for 30 years after construction completion.

The O&M Manual provides the mechanism to ensure that the RA meets the long-term performance standards set forth in the ROD. Sampling and chemical analysis of groundwater and the measurement of groundwater elevations are conducted as part of the O&M activities at the Site. Currently, O&M and monitoring activities are performed by ARCADIS, a contractor for the Respondents. A description of the ongoing O&M activities for the Site is provided below.

Groundwater Elevation Monitoring

Groundwater elevations at the Site have been measured on a quarterly basis since the 2010 FYR. These measurements are taken to evaluate the effectiveness of the groundwater gradient control system.

Groundwater Quality Monitoring

Since 2013, groundwater quality has been evaluated at the Site on an annual basis. Previously, groundwater quality was evaluated on a semi-annual basis. The sampling network includes wells both inside the groundwater containment system and hydraulically downgradient of the groundwater containment system.

Groundwater Treatment System

The groundwater treatment system has treated and discharged approximately 13 million gallons of recovered groundwater since the 2015 FYR. Discharge under a NPDES Permit was authorized by IDEM in letters dated August 9, 2000, and March 28, 2001 (see Attachment 3).

Landfill Gas and Air Monitoring

During groundwater sampling events, air monitoring is used to check for any organic vapors or methane emanating from the sampled monitoring wells.

Landfill Cover System Inspections

Inspections of the Site have been periodically conducted to monitor the landfill cover system, perimeter fence and gates, groundwater treatment system, and groundwater containment system.

The following is a summary of the non-routine maintenance activities completed in the last five years since the last FYR:

- Replacement of monitoring well and perimeter fence locks, as necessary.
- Replacement of rotary turbines at gas vents, as needed.
- Updates to the O&M Manual including:
 - Updating the equipment inventory and O&M requirements to reflect the equipment that has been replaced in recent years; and
 - Updating the contact list for the project team and project roles and responsibilities.
- Extension of the gravel driveway near the treatment system building to help facilitate the mobility of equipment used during carbon change out activities.
- Minor repairs to fix ruts along access road.
- Replacement of the air stripper door gasket of corroded influent filter bag vessels.
- Replacement of non-functioning indicator lights on control panels across the site.

Other non-routine activities that were completed during the 2019 – 2020 reporting period are:

- Replacement of monitoring well and perimeter fence locks, as necessary.

- Replacement of rotary turbines at gas vents, as needed.
- Replacement of corroded influent filter bag vessels.
- Replacement of broken pressure gauges.
- Finishing the extension of the gravel driveway near the treatment system building and building a ramp to help facilitate the mobility of equipment used during carbon change out activities and sampling events.
- Correcting drainage issue in SE corner of the site driveway.
- Correcting erosion in SE corner of property and fixing fence to re-secure the site.
- Improving access road to fix areas with low drainage and rutting.

Wetland Mitigation

In 2013, the responsibilities for long-term maintenance of the Wetland Mitigation Area was transferred to the County. See an example of the County’s inspection checklist in Attachment 6.

III. PROGRESS SINCE THE LAST REVIEW

This section includes the protectiveness determinations and statements from the last FYR as well as the recommendations from the last FYR and the current status of those recommendations.

Table 2: Protectiveness Determinations/Statements from the 2015 FYR

OU #	Protectiveness Determination	Protectiveness Statement
OU1 & Sitewide	Short-term Protective	The assessment of this FYR found that the remedy is protective of human health and the environment in the short term. The remedy was constructed in accordance with the requirements of the September 1993 ROD and the October 1998 ROD Amendment. There are no current exposure pathways and the remedy appears to be functioning as designed. The landfill cap, slurry wall, groundwater collection and treatment system, and on-site treatment of Waste Disposal Area 2 control the source of contamination and have achieved the remedial objectives to minimize the migration of contaminants to groundwater and surface water and prevent direct contact with, or ingestion of, contaminants in soils and groundwater. Long-term protectiveness of the remedial action will be achieved when cleanup goals are met and when the one remaining institutional control (the Environmental Restrictive Covenant (ERC) on the Montel estate property) is implemented. Compliance with effective ICs will be ensured through long-term stewardship by implementing, maintaining, monitoring and enforcing effective ICs as well as maintaining the Site remedy components.

Table 3: Status of Recommendations from the 2015 FYR

OU #	Issue	Recommendations	Current Status	Current Implementation Status Description	Completion Date (if applicable)
1/ Sitewide	One IC has not been implemented and long-term stewardship must be ensured.	An ERC needs to be implemented and development and implementation of long-term stewardship procedures for ICs.	Completed	Environmental Restrictive Covenant (ERC) for the Montel Estate Property was implemented.	August 27, 2015
1/ Sitewide	Holes from burrowing animals in the landfill cover.	Fill burrowing animal holes with bentonite.	Completed	Filled burrowing animal holes with bentonite.	August 8, 2018

IV. FIVE-YEAR REVIEW PROCESS

Community Notification, Involvement & Site Interviews

A public notice was made available by a newspaper posting in the *Times-Union* of Warsaw, Indiana, entitled “EPA reviewing Lakeland Disposal Landfill Superfund Site, Claypool, IN on 11/21/2019,” stating that there was a FYR and inviting the public to submit any comments to EPA (Attachment 7). No comments were received. The results of the review and the report will be made available at the Site information repository located at Kosciusko County Health Department, 100 W. Center Street, 3rd Floor, Room 2.

Data Review

Groundwater monitoring has occurred at this Site since August 2002. EPA reviewed the comprehensive annual progress reports, 2016 – 2019, as part of this FYR. In accordance with the O&M Manual for the Site, the water level data measured at five pairs of monitoring wells and/or collection sumps located along the inside and outside of the slurry wall is used to evaluate the effectiveness of the groundwater containment system. The treatment system ran consistently with a few exceptions which are discussed later. All hydraulic gradients measured across the slurry wall during the November 16, 2018, and March 29, 2019, events exceed the performance standard of greater than one foot (from outside to inside of slurry wall).

The following tables present the quarterly groundwater elevation data for the five pairs of wells and sumps and the corresponding hydraulic gradient between each pair during the November 16, 2018, and March 29, 2019, events.

Table 4. November 16, 2018, Groundwater Elevations				
Wells Inside Slurry Wall	Groundwater Elevation at Wells Inside Slurry Wall	Wells Outside Slurry Wall	Groundwater Elevation at Wells Outside Slurry Wall	Hydraulic Gradient Across Slurry Wall
GMMW-24	985.10'	GMMW-6	988.11'	3.01'
GMMW-25	984.37'	GMMW-20	991.64'	7.27'
CS-3	984.27'	GMMW-21	1000.50'	16.23'
CS-4	985.69'	GMMW-22	1001.96'	16.27'
GMMW-27	988.82'	GMMW-23	994.20'	5.38'

Table 5. March 29, 2019, Groundwater Elevations				
Wells Inside Slurry Wall	Groundwater Elevation at Wells Inside Slurry Wall	Wells Outside Slurry Wall	Groundwater Elevation at Wells Outside Slurry Wall	Hydraulic Gradient Across Slurry Wall
GMMW-24	984.87'	GMMW-6	988.52'	3.65'
GMMW-25	984.44'	GMMW-20	991.98'	7.54'
CS-3	988.90'	GMMW-21	1000.67'	11.77'
CS-4	988.48'	GMMW-22	1002.14'	13.66'
GMMW-27	988.56'	GMMW-23	996.36'	7.80'

Groundwater Quality Data

Statistical Evaluation of Groundwater Data

A total of eighteen wells were sampled for VOCs and inorganic compounds, including metals, chloride and cyanide. The well network includes sample locations both inside the containment system as well as those hydraulically upgradient and downgradient of the groundwater containment system.

The PRPs' contractor, ARCADIS, completed a statistical evaluation of historical groundwater data in accordance with the O&M Manual for the site. The O&M manual states:

“Following the receipt of groundwater analytical data after each proposed groundwater sampling event, the effectiveness and efficiency of the groundwater containment system will be evaluated by analyzing the chemical data to determine changes in groundwater quality. To establish a baseline for comparison, the groundwater quality outside the limits of the containment system determined from past sampling events as well as during the first year of system monitoring will be statistically evaluated.”

The O&M manual includes two requirements of the statistical analysis:

1. Establish background concentrations, and
2. Determine if there is a Statistically Significant Increase (SSI) in constituent concentrations

The wells located hydraulically downgradient of the containment system are primarily used to monitor the effectiveness of the containment system in preventing the offsite migration of contaminants.

The downgradient sample locations are also used for water level comparison with those located inside the landfill to ensure a hydraulic differential across the slurry wall is maintained. As the wells and piezometers located inside of the containment system are monitored mainly for water levels across the containment barrier and contaminant changes within the landfill area, these sample points were not included in the following statistical evaluation summary. For the purposes of evaluating the effectiveness of the containment system, the following downgradient wells were used in the statistical analysis:

- GMMW-6;
- GMPZ-6;
- GMMW-7;
- GMPZ-7
- GMMW-12;
- GMPZ-12;
- GMMW-19; and
- GMMW-20.

Statistical Methods

The groundwater quality upgradient of the limits of the containment system was determined from past and present sampling events at GMMW-13 (Tables 4 and 5 in Attachment 8) to establish a baseline for comparison. These data were statistically evaluated to establish upgradient groundwater concentrations. Data tabulation and validation followed the protocols defined in the previously submitted O&M Manual. Statistical analysis followed recommended procedures provided in EPA's guidance document "Statistical analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance" (EPA, 2009).

Upper Tolerance Limits (UTLs) were calculated for the background well (GMMW-13) for comparison to downgradient data. Comparisons between the most recent sample from each downgradient well and the background UTL were made as per the O&M manual. The background UTLs were compared with the constituent concentrations in the downgradient wells to evaluate the effectiveness of the containment system. UTLs are derived based on two statistical parameters: the confidence level and the coverage. The coverage expresses the percentage of the background population that can be expected to fall at or below the UTL at the specified confidence level. UTLs for this site were based on 95 percent coverage at a 95 percent confidence level, meaning that 95 percent of the site-related concentrations should be at or below that UTL concentration if the site data are equivalent to background, with a confidence level of 95 percent.

If the most recent sample exceeded the UTL, hypothesis testing was conducted to determine if the full site dataset was statistically higher than the background dataset at 95% confidence. The hypothesis tests evaluate the constituent data in a downgradient well and compare them to the background dataset. The null hypothesis is that the downgradient concentrations (mean or median) are equal to or less than the background concentrations (mean or median). If the calculated p-value is below the threshold chosen for statistical significance, then the null hypothesis is rejected and the downgradient concentrations are found to be greater than the background concentrations. If a large fraction (i.e., >75%) of the historic data exceeded the current UTL, it was assumed that result of hypothesis testing would be to reject the null hypothesis.

Distribution testing and UTL calculations were performed on the data using EPA's ProUCL Version 5.1.00 software. Frequency of detection (FOD) and data distribution was used to determine the appropriate hypothesis test as follows:

- FOD = 100% and normal distribution in both datasets: Student's t-test
- FOD < 100% (with a single reporting limit) or non-normal distribution: Wilcoxon-Mann-Whitney test
- FOD < 100% with multiple reporting limits in the pooled dataset: Gehan test

Mann-Kendall trend analysis was also conducted to determine if concentrations changed significantly over time.

Organics

A review of the background VOC data (Table 4 in Attachment 8) indicates only two constituents (chloromethane and trichloroethene) have been historically detected in the background well. The September 2011 value for chloromethane was an estimated value (0.91 µg/L) less than the reporting limit of 1.0 µg/L, and the September 2014 and September 2018 values for trichloroethene (0.59 and 0.52, respectively) were only slightly above the reporting limit of 0.5 µg/L.

Inorganics

Table 9 in Attachment 8 presents the analytical data for inorganics in the downgradient wells and compares those results to the background UTLs derived in Table 8 of Attachment 8

Downgradient samples exceeding the upgradient well are shown in Table 9.

UTL exceedances for inorganics are summarized below:

- GMMW-6 exceeded the UTLs for Aluminum, Arsenic, Barium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Potassium, and Sodium in the most recent event. Historically, Barium, Iron, Magnesium, Manganese, Potassium, and Sodium commonly exceeded the current background UTL with the percent of exceedances ranging from 90.9% (Magnesium) to 100% (Barium, Iron, and Potassium). Therefore, hypothesis testing was not conducted for these constituents.
- GMPZ-6 exceeded the UTLs for Barium, Iron, Potassium, and Sodium in the most recent event. Historically, Barium, Iron, Potassium, and Sodium commonly exceeded the current background UTL with the percent of exceedances ranging from 84.8% (Iron) to 100% (Barium and Sodium). Therefore, hypothesis testing was not conducted for these constituents.
- GMMW-7 had no detected constituent exceeding the UTLs in the most recent event. Therefore, hypothesis testing was not conducted.
- GMPZ-7 exceeded the UTLs for Arsenic, Barium, and Sodium in the most recent event. Historically, Barium, and Sodium commonly exceeded the current background UTL with the percent of exceedances of 100%; while Arsenic was less frequent at 60.6%. Therefore, hypothesis testing was not conducted for Barium and Sodium; but was conducted for Arsenic.
- GMMW-12 had no detected constituent exceeded the UTLs in the most recent event. Therefore, hypothesis testing was not conducted.
- GMPZ-12 exceeded the UTLs for Arsenic, Barium, and Sodium in the most recent event. Historically, Barium and Sodium commonly exceeded the current background UTL with the percent of exceedances ranging from 87.9% (Barium) to 100% (Sodium) Therefore, hypothesis testing was not conducted for these constituents.

- GMMW-19 exceeded the UTLs for Arsenic, Barium, Chloride, Cobalt, Iron, Magnesium, Nickel, Potassium, and Sodium in the most recent event. Historically, Arsenic, Barium, Chloride, Cobalt, Iron, Magnesium, Nickel, Potassium, and Sodium commonly exceeded the current background UTL with the percent of exceedances ranging from 78.1% (Cobalt) to 100% (Barium, Chloride, Iron, Magnesium, Nickel, Potassium, Sodium). Therefore, hypothesis testing was not conducted for these constituents.
- GMMW-20 exceeded the UTLs for Iron and Sodium in the most recent event. Historically, Iron and Sodium commonly exceeded the current background UTL with the percent of exceedances ranging from 87.5% (Iron) to 100% (Sodium). Therefore, hypothesis testing was not conducted for these constituents.

Hypothesis Testing

Hypothesis testing was used for the above specific well/constituent pairs to compare the downgradient dataset to the background dataset to determine if there was a significant difference between the two populations.

Table 10 in Attachment 8 provides the results of the hypothesis testing for datasets where less than 75% of the downgradient samples were less than the UTL. Hypothesis testing indicated that downgradient data are significantly ($\alpha = 0.05$) greater than the background data for all the datasets where the most recent sample exceeded the UTL; except for cobalt in downgradient well GMMW-6, which are less than or equal to background.

Trend Analyses

Mann-Kendall results for all constituents that were detected in one or more samples are presented in Table 11 of Attachment 8. Shading indicates the datasets where the most recent sample exceed the UTL. Dashed borders indicate the datasets that exceeded the upgradient UTL, but insufficient data precluded robust hypothesis testing. Increasing trend results are summarized below, first those wells that exceeded the UTL in the most recent sampling event and second for those wells that were below the UTL in the most recent sampling event.

Datasets that exceed the UTL with an increasing trend

Six datasets exceeded the background UTL with an increasing trend (noted in Table 11 by a solid shaded red triangle):

- Arsenic in GMPZ-7, and GMPZ-12

All remaining datasets that exceeded the upgradient UTL demonstrated either no statistically significant trend or a decreasing trend.

Datasets less than the UTL with an increasing trend

Eleven datasets were less than the background UTL but an increasing trend was identified (noted in Table 11 by a red triangle with no shading). The increasing trend is likely due to sporadic low-level detections or estimated values (i.e., J qualified) in recent sampling events.

Specific datasets include:

- Arsenic in GMPZ-6, GMMW-7, and GMMW-12
- Cadmium in GMPZ-6 and GMMW-20
- Copper in GMPZ-6 and GMMW-20
- Lead in GMPZ-6 and GMMW-20

- Magnesium in GMPZ-12
- Nickel in GMMW-7
- Zinc in GMPZ-6

The upgradient well GMMW-13 was also analyzed for trends in inorganic constituents. Cadmium was found to be increasing in GMMW-13. As shown in Figure A-74, this increasing trend is due to several recent detections that were less than the historical reporting limit (i.e., J-qualified data). Because historical non-detects were replaced with a common value less than the minimum detected value as suggested by guidance (EPA, 2009), the test concludes there is an increasing trend. Had the original reporting limits been used, the concentration-time trend would appear as a decreasing trend. Selenium also showed an increasing trend in GMMW-13, however due to low detection frequency (4 detection out of 22), the trend analysis result is highly uncertain. All remaining constituents in GMMW-13 showed either no trend or a decreasing trend.

Summary of Groundwater Quality

Although increasing Mann-Kendall statistical trend results were observed for the inorganic compounds detailed in the preceding section, none of the compounds were observed at concentrations above Federal MCLs.

Tables 2 and 3 in Attachment 8 summarize the historic groundwater monitoring data in comparison to Federal MCLs.

None of the monitoring wells downgradient of the slurry wall exhibited constituent concentrations above MCLs in the recent monitoring events.

ARCADIS will continue to closely monitor the statistical trends and constituent concentrations within the downgradient compliance wells.

Summary of Groundwater Treatment System Performance

The treatment system has effectively treated recovered groundwater since startup, enabling the groundwater gradient control system to function. The monthly treated water discharge samples indicate that the system consistently met the IDEM NPDES permit limits.

Sampling has shown air emissions are not significant enough to trigger any IDEM – Office of Air Quality compliance requirements.

The treatment system ran consistently during the 2016 – 2019 reporting period.

Summary of Landfill Gas Evaluation

During groundwater sampling events, a Multi-RAE combination air monitor is used to check for any organic vapors or methane emanating from the sampled monitoring wells. To date, there have been no detectable photoionizable vapors or methane lower explosive limit (LEL) readings above background levels observed at the monitoring wells.

Perimeter air monitoring is also conducted during each groundwater sampling event using visual inspection and a Multi-RAE. The Multi-RAE is calibrated to monitor for methane and photoionizable vapors. No photoionizable vapors have been detected during the monitoring with the Multi-RAE. The methane readings have been consistently at background levels (5 - 6% of the LEL) during the perimeter monitoring walk, which is less than the contingency plan trigger level of 10% of the LEL as identified in the O&M Manual.

A perimeter air monitoring event was conducted on March 27, 2019 using visual inspection and a Multi-RAE combination air monitor. The Multi-RAE was calibrated to monitor the LEL for methane, carbon monoxide, oxygen, and photoionizable vapors. No photoionizable vapors were detected during monitoring with the Multi-RAE. The LEL for methane was consistently measured at 0 – 2% during the perimeter monitoring walks, which is less than the contingency plan trigger level of 10%. No nuisance fugitive dusts were observed leaving the site property.

Site Inspection

The Site inspection was conducted on November 14, 2019. In attendance were Scott Hansen, EPA, Stephanie Andrews, IDEM and Jon Akin, of Arcadis, PRP contractor. The purpose of the inspection was to assess the protectiveness of the remedy, including the presence of fencing to restrict access, the integrity of the landfill cap, and the general conditions of the groundwater collection and treatment system and monitoring wells.

The participants walked the Site. Site access is available through locked gates that enclose the Site landfill and other components of the remedy (groundwater treatment building, monitoring wells and gas vents). The Site Inspection Checklist completed by EPA is included as Attachment 5.

The Site appeared to be in good condition and well vegetated; however, the Site was covered with a couple of inches of snow.

V. TECHNICAL ASSESSMENT

QUESTION A: Is the remedy functioning as intended by the decision documents? **Yes**

Question A Summary:

The remedy is functioning as intended by the decision documents. The treatment system is operating effectively, groundwater monitoring indicates progress has been made toward achieving RAOs, and effective ICs have been implemented.

Remedial Action Performance: The remedies selected in the ROD and ROD Amendment have been implemented and remain functional, operational and effective. The landfill cap and the groundwater containment and treatment system are in place, and these factors have achieved the RAOs to minimize the migration of contaminants to groundwater and surface water and prevent direct contact with, or ingestion of, contaminants in soils, groundwater and sediments.

Early Indicators of Potential Remedy Failure: No early indicators of potential remedy failure were noted during the review. Maintenance activities have been consistent with expectations, and groundwater monitoring results from the monitoring reports show that the parameter results remain consistent or are decreasing.

Implementation of Institutional Controls and Other Measures: The ROD required imposition of proprietary controls and other ICs to prevent future development of the Site that would interfere with the remedy assuring the integrity of the remedial action. Site access and use is restricted with a security perimeter fence. ECs for the Site property which provide notice of the need to restrict development on the property and protect the integrity of remedial components have been signed by all parties and have been recorded (Attachment 4). The ECs implement the ROD requirements for use restrictions. The regular inspections are provided for in the O&M Plan and constitute long-term stewardship at the Site. Based on those inspections, the ICs remain in-place and are effective.

QUESTION B: Are the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives (RAOs) used at the time of the remedy selection still valid? **Yes**

Question B Summary:

Exposure assumptions, toxicity data, cleanup levels and RAOs used at the time of the ROD remain valid.

Changes in Standards and To Be Considered: There have been no changes in standards since the last FYR. All standards outlined in the ROD and ROD Amendment are still valid at the Site.

Changes in Exposure Pathways: No changes in the Site conditions that affect exposure pathways were identified as part of the FYR. There are no current or known planned changes in the Site land use.

Changes in Risk Assessment Methodologies: Changes in risk assessment methodologies since the First FYR are not significant and do not call into question the protectiveness of the remedy.

QUESTION C: Has any other information come to light that could call into question the protectiveness of the remedy? **No**

No other information has come to light that calls into question the protectiveness of the remedy.

VI. ISSUES/RECOMMENDATIONS

No issues and recommendations affecting remedy protectiveness were identified during this FYR.

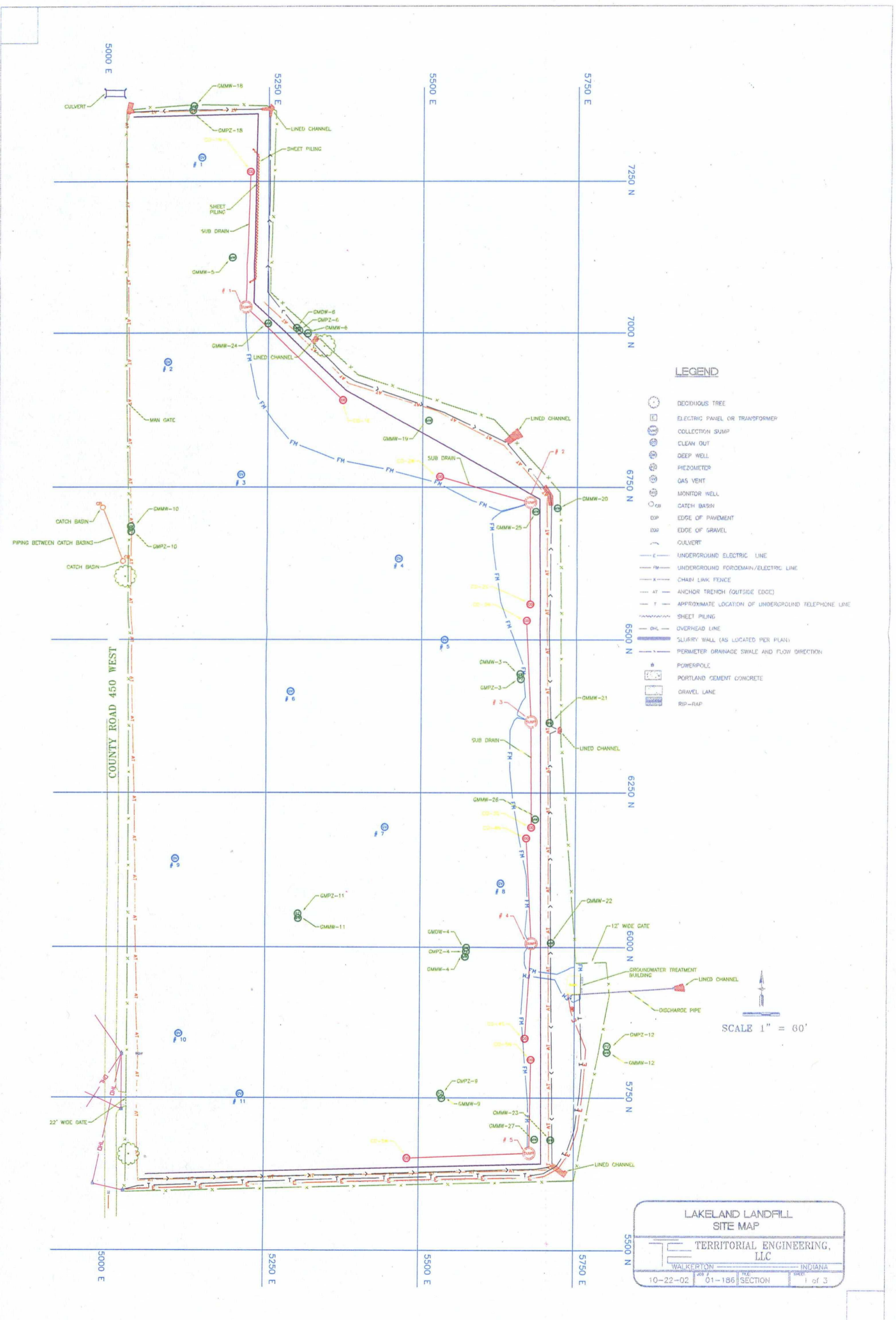
VII. PROTECTIVENESS STATEMENT

OUI and Sitewide Protectiveness Statement
<i>Protectiveness Determination:</i> Protective
<i>Protectiveness Statement:</i> The remedy at the Lakeland Disposal Service, Inc. site is protective of human health and the environment. The remedy was constructed in accordance with the requirements of the September 1993 ROD and the October 1998 ROD Amendment. There are no current complete exposure pathways and the remedy is functioning as designed. The landfill cap, slurry wall, groundwater collection and treatment system, and on-site treatment of Waste Disposal Area 2 control the source of contamination and have achieved the remedial objectives to minimize the migration of contaminants to groundwater and surface water and prevent direct contact with, or ingestion of, contaminants in soils and groundwater. Effective ICs, in the form of environmental covenants, have been implemented to protect the remedy components, and to protect against improper use of land and groundwater resources. Long-term stewardship procedures are in place to ensure the remedy continues to function as intended.

VIII. NEXT REVIEW

The next FYR report for the Lakeland Disposal Service, Inc. Superfund Site is required five years from EPA's signature date of this review.

Attachment 1



LEGEND

- DECIDUOUS TREE
- ELECTRIC PANEL OR TRANSFORMER
- COLLECTION SUMP
- CLEAN OUT
- DEEP WELL
- PIEZOMETER
- GAS VENT
- MONITOR WELL
- CATCH BASIN
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- CULVERT
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND FORCEMAN/ELECTRIC LINE
- CHAIN LINK FENCE
- ANCHOR TRENCH (OUTSIDE EDGE)
- APPROXIMATE LOCATION OF UNDERGROUND TELEPHONE LINE
- SHEET PILING
- OVERHEAD LINE
- SLURRY WALL (AS LOCATED PER PLAN)
- PERIMETER DRAINAGE SWALE AND FLOW DIRECTION
- POWERPOLE
- PORTLAND CEMENT CONCRETE
- GRAVEL LANE
- RIP-RAP

SCALE 1" = 60'

LAKELAND LANDFILL SITE MAP	
TERRITORIAL ENGINEERING, LLC	
WALKERTON	INDIANA
10-22-02	01-186 SECTION 1 of 3

Attachment 2

LIST OF DOCUMENTS REVIEWED

- Five-Year Review Reports (2005, 2010, and 2015)
- Record of Decision (September 1993) and ROD Amendment (October 1998)
- Lakeland Disposal Progress Reports for groundwater containment and landfill cover (2016 - 2019)
- Discharge reports (2016 - 2019)

Attachment 3



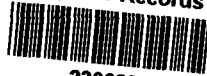
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

EPA Region 5 Records Ctr.



230683

March 28, 2001

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.state.in.us/idem

VIA CERTIFIED MAIL 7000 0520 0023 5050 2034

Mr. Edward Copeland
Arcadis Geraghty & Miller
251 E. Ohio Street
Indianapolis, IN 46204

Dear Mr. Copeland:

Re: NPDES Permit Discharge Standards
Lakeland Disposal Landfill Superfund Site
Claypool, Indiana

This letter is written in response to your correspondence dated March 9, 2001. Your letter states that elements of IDEM's August 9, 2000 letter, which contains NPDES permit discharge standards for Lakeland Disposal Landfill Superfund Site, merit further discussion or clarification. You mention in your letter that the effluent limitations for aluminum in the August 9, 2000 letter differ from limits contained in a draft water quality calculation sheet provided by IDEM, dated May 19, 2000.

The water quality based aluminum limits contained in the draft water quality calculation sheet, dated May 19, 2000, were calculated based on an acute aquatic criteria (AAC) of 991 ug/l and a chronic aquatic criteria (CAC) of 243 ug/l. The criteria were developed using the procedure contained in 327 IAC 2-1-8.2 and 8.3. On August 8, 2000, the toxicologist for the Office of Water Quality recalculated the CAC for aluminum in accordance with the procedures in 327 IAC 2-1-8.2 and determined the appropriate value to be 174 ug/l. Using the revised CAC of 174 ug/l and the AAC of 991 ug/l, water quality based effluent limits for aluminum were determined to be a monthly average of 120 ug/l and a daily maximum of 290 ug/l.

Based on the data provided in you letter, it is apparent that the concentration of naturally occurring aluminum in the area far exceeds the water quality based limits for aluminum. Therefore, aluminum limitations have been removed from the NPDES permit discharge standards for Lakeland Disposal Landfill Superfund Site. Enclosed is a revised Page 1 of Attachment III.

40 CFR 136 contains the approved analytical methods for pollutants limited in NPDES permits. The approved analytical method, limit of detection (LOD) for the approved analytical method and the limit of quantitation (LOQ) for the approved analytical method for each parameter is included in Table 1. The limit of quantitation is set equal to 3.18 times the limit of detection. If the laboratory you initially contacted is unable to achieve the limit of quantitation as defined below, you may need to contact another lab to conduct your wastewater analysis.

Table 1

Parameter	Analytical Method	LOD	LOQ
Benzene	EPA 602	0.2 ug/l	0.64 ug/l
TCE	EPA 601	0.12 ug/l	0.38 ug/l
Cadmium	EPA 213.2	0.1 ug/l	0.32 ug/l
Copper	EPA 220.2	1 ug/l	3.2 ug/l
Iron	EPA 236.2	1 ug/l	3.2 ug/l
Lead	EPA 239.2	1 ug/l	3.2 ug/l
Nickel	EPA 249.2	1 ug/l	3.2 ug/l
Zinc	EPA 289.2	0.05 ug/l	0.16 ug/l
Cyanide	EPA 335.3	5 ug/l	16 ug/l

Arcadis Geraghty & Miller requests confirmation that the 24 hour composite sample can be time-composite rather than flow-composite based. The definition of 24 hour composite sample is contained on Pages 4 and 5 of Attachment III. It states that 24 hour composite samples shall consist of at least 3 individual flow-proportioned samples taken at approximately equally spaced time intervals for the duration of the discharge within a 24 hour period and combined prior to analysis. A flow proportioned composite sample is obtained by:

- (1) recording the discharge flow rate at the time each individual sample is taken,
- (2) adding together the discharge flow rates recorded from each individuals sampling time to formulate the "total flow" value,
- (3) the discharge flow rate of each individual sampling time is divided by the total flow value to determine its percentage of the total flow value,


- (4) then multiply the volume of the total composite sample by each individual samples percentage to determine the volume of that individual sample which will be included in the total composite sample.

Your letter states that a discharge has not yet begun from the groundwater treatment system at Lakeland Disposal Landfill Superfund Site. Arcadis Geraghty & Miller, on behalf of Lakeland Disposal Landfill Superfund Site, will provide 30 days notice to IDEM and USEPA prior to initiating discharge. It should be noted that once the discharge from Lakeland Disposal Landfill Superfund Site commences, the discharge monitoring reports should be submitted directly to Ms. Jessica Huxhold of the Office of Land Quality of IDEM and to Mr. Scott Hansen of the USEPA, Region V.

Arcadis Geraghty & Miller requests confirmation that the five parameters of Section II.C.7.a.(2) of Attachment III do not require specific monitoring of any frequency, unless the Lakeland Disposal Respondents know or have reason to believe them to be present. It is correct that the five parameters of Section II.C.7.a.(2) of Attachment III do not require specific monitoring of any frequency, unless the Lakeland Disposal Respondents know or have reason to believe them to be present

If you have any questions regarding this letter, please contact Christina Lowry at (317) 232-8707.

Sincerely,



Steven K. Roush
Section Chief
Industrial NPDES Permits Section
Office of Water Quality

CTL/ctl
Enclosure

cc: Jessica Huxhold, OLQ, IDEM
Scott Hansen, Region V, EPA

Attachment III

I.A. Discharge Limitations

<u>Parameter</u>	Quantity or	Loading		Quality or	Concentration		Monitoring Requirements	
	<u>Monthly</u>	<u>Daily</u>	<u>Units</u>	<u>Monthly</u>	<u>Daily</u>	<u>Units</u>	<u>Measurement</u>	<u>Sample</u>
	<u>Average</u>	<u>Maximum</u>		<u>Average</u>	<u>Maximum</u>		<u>Frequency</u>	<u>Type</u>
Flow	Report	Report	MGD	----	----	----	Monthly	24 Hr Total
Benzene	----	----	----	Report	0.005	mg/l	Monthly	Grab
Trichloroethene	----	----	----	Report	0.005	mg/l	Monthly	Grab
cis-1,2-Dichloroethene	----	----	----	Report	0.07	mg/l	Monthly	Grab
Cadmium[1]	----	----	----	0.002	0.004	mg/l	Monthly	24 Hr Comp
Copper[1]	----	----	----	0.02	0.05	mg/l	Monthly	24 Hr Comp
Iron[1]	----	----	----	1.7	4.0	mg/l	Monthly	24 Hr Comp
Lead[1]	----	----	----	0.009	0.02	mg/l	Monthly	24 Hr Comp
Nickel[1]	----	----	----	0.07	0.16	mg/l	Monthly	24 Hr Comp
Zinc[1]	----	----	----	0.28	0.61	mg/l	Monthly	24 Hr Comp
Cyanide[2][3][4]	----	----	----	0.004	0.008	mg/l	Monthly	Grab

- [1] The above-noted parameters are intended to be analyzed by a test method which will measure the quantity of acid-soluble metal present, however, an approved analytical method for acid-soluble metal is not yet available. Therefore, the Lakeland Disposal Respondents shall measure and report this parameter as total recoverable metal until such method is approved which measures acid-soluble metal.
- [2] Cyanide shall be measured and reported as total cyanide. The maximum holding time for cyanide (CN) is 24 hours when sulfide is present and 14 days when sulfide is absent, according to 40 CFR 136.3, Table IB. Therefore, CN is to be monitored by collecting a representative grab sample and analyzing it within 24 hours. Alternatively, if the Lakeland Disposal Respondents can demonstrate the wastewater contains no sulfide, the Lakeland Disposal Respondents may collect a composite sample and analyze it within 14 days.
- [3] The monthly average water quality based effluent limit (WQBEL) for cyanide is less than the limit of quantitation (LOQ) as defined below. Compliance will be demonstrated if the monthly average effluent level is less than the LOQ. Daily effluent values that are less than the LOQ, used to determine the monthly average effluent levels less than the LOQ, may be assigned a value of zero (0), unless, after considering the number of monitoring results that are greater than the limit of detection (LOD), and applying appropriate statistical techniques, a value other than zero (0) is warranted.
- [4] The daily maximum WQBEL for cyanide is greater than or equal to the LOD but less than the LOQ specified below. Compliance will be demonstrated if the observed effluent concentrations are less than the LOQ.

Attachment 4

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TRUE AND COMPLETE

LaShawn Brumfield
Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

200500005405
Filed for Record in
KOSCIUSKO COUNTY INDIANA
LASHAWN BRUMFIELD
04-20-2005 At 12:27 pm.
EASEMENT 25.00

APR 20 2005

LaShawn Brumfield
KOSCIUSKO COUNTY INDIANA

EPA Region 5 Records Ctr.



269717

**ENVIRONMENTAL PROTECTION EASEMENT
AND DECLARATION OF RESTRICTIVE COVENANTS**


1. This Environmental Protection Easement and Declaration of Restrictive Covenants is made this 17th day of April, 2005 by and between **DAVID POAGE**, ("Grantor"), having an address at 3700 S. Tinkey Road, Mentone, Indiana, and **DANA CORPORATION, DA-LITE SCREEN COMPANY, INC., GENERAL MOTORS CORPORATION, MORTON INTERNATIONAL, INC., OWENS-ILLINOIS, INC., and ROBERTSHAW CONTROLS COMPANY AS INDEMNITOR OF EATON CORPORATION** ("Grantees").

2. WHEREAS, Grantor is the owner of parcels of land located in the County of Kosciusko, State of Indiana, more particularly described on Attachment A attached hereto and made a part hereof (the "Real Property");

3. WHEREAS the Real Property is part of the Lakeland Disposal Service, Inc. Landfill Superfund Site ("Lakeland Site" or "the Site"), which the U.S. Environmental Protection Agency ("U.S. EPA"), pursuant to Section 105 of CERCLA, 42 U.S.C. § 9605, placed on the National Priorities List, set forth at 40 C.F.R. Part 300, Appendix B, by publication in the Federal Register on March 31, 1989, (54 Fed. Rea. 13302);

4. WHEREAS, in a Record of Decision dated September 28, 1993 (the "ROD"), the U.S. EPA Region 5 Regional Administrator selected a "remedial action" for the Site, with the concurrence of the State of Indiana, which provides, in part, for the following remedial actions: construction of an Indiana Sanitary Landfill Cap, construction of a soil-bentonite slurry wall and extraction wells for containment of the on-site groundwater in the upper aquifer; storage, treatment if necessary, and discharge of recovered groundwater; construction of a landfill gas collection, extraction and treatments system; removal and offsite treatment and/or disposal of drummed wastes in the hot-spot area of the Site; excavation and removal of landfill wastes and debris encountered during slurry wall construction; construction of an adjustable weir in Sloan Ditch, if necessary, to maintain water levels in adjacent wetlands; a wetlands assessment to determine wetlands that may be impacted by the remedy; and placement of land use and groundwater use restrictions in the Kosciusko County property records;

5. WHEREAS, a Unilateral Administrative Order issued by EPA on April 25, 1994 ("UAO") requires five potentially responsible parties ("the UAO Group") to implement the activities set forth in the Scope of Work for the Remedial Design and Remedial Action work Plan;


Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

6. WHEREAS, the parties hereto have agreed 1) to grant a permanent right of access over the Real Property to the Grantees for purposes of implementing, facilitating and monitoring the remedial action; and 2) to impose on the Property use restrictions as covenants that will run with the land for the purpose of protecting human health and the environment;

7. WHEREAS, Grantor wishes to cooperate fully with the Grantees in the implementation of all response actions at the Site; and

8. WHEREAS, Grantees of this easement shall pay to Mr. Poage the amount of \$1.00 (one dollar) in consideration for this environmental easement, as provided in Sect. VII, Para. 8(B) of the Administrative Order on Consent (EPA Docket No. V-W-97-C-397).

NOW THEREFORE

9. GRANT: Grantor, on behalf of itself, its successors and assigns, in consideration of the foregoing premises, does hereby covenant and declare that the Real Property shall be subject to the restrictions on use set forth below, and does give, grant and convey to the Grantees and their assigns, with general warranties of title, 1) the perpetual right to enforce said use restrictions, and 2) an environmental protection easement of the nature and character, and for the purposes hereinafter set forth, with respect to the Real Property.

10. PURPOSE: It is the purpose of this instrument to convey to the Grantees real property rights which will run with the land, to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to contaminants.

11. RESTRICTIONS ON USE: The following covenants, conditions, and restrictions apply to the use of the Real Property, run with the land and are binding on the Grantor:

- a) There shall be no use of, or activity at, the Site that may interfere with, damage, or otherwise impair the effectiveness of any response action (or component thereof) selected and/or undertaken by U.S. EPA or any party acting as agent for U.S. EPA, pursuant to Section 104 of CERCLA, except with written approval of U.S. EPA, and consistent with all statutory and regulatory requirements;
- b) There shall be no consumptive, extractive, or other use of the groundwater underlying the Site that could cause exposure of humans or animals to the groundwater underlying the Site.
- c) There shall be no residential, commercial, or agricultural use of the Site,

OFFICIAL CERTIFIED COPY
TRUE AND COMPLETE

MB

Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

including, but not limited to, any on-site excavation, land filling, mining, invasive construction, drilling, and installation of drinking water production wells, except as approved in writing by U.S. EPA;

- d) There shall be no installation, removal, construction or use of any buildings, wells, pipes, roads, ditches or any other structures or materials at the Site except as approved in writing by U.S. EPA;
- e) There shall be no tampering with, or removal of, the containment or monitoring systems that remain on the Site as a result of implementation of any response action by U.S. EPA, or any party acting as agent for U.S. EPA, and which is selected and/or undertaken by U.S. EPA pursuant to Section 104 of CERCLA;
- f) There shall be no activities that cause destruction of on-site vegetation or otherwise could result in degradation of the remedial components; and
- g) There shall be no ignition sources on site except as approved in writing by U.S. EPA.

12. MODIFICATIONS OF RESTRICTIONS: The above restrictions may be modified, or terminated in whole or in part, in writing, by the Grantee. If requested by the Grantor, such writing will be executed by Grantee in recordable form.

13. ENVIRONMENTAL PROTECTION EASEMENT: Grantor hereby grants to the Grantees and U.S. EPA an irrevocable, permanent and continuing right of access at all reasonable times to the Real Property for purposes of:

- a) Implementing the response actions in the ROD, including but not limited to soil removal; placement, replacement, modification and maintenance of the surface cap and other remedial components specified in the ROD; placement, replacement, modification, operation and maintenance of the ground-water extraction system; monitoring contamination levels in the air, in plants and in animals found on the Real Property, in soil, ground water, surface water, wastewater, or sediments;
- b) Verifying any data or information submitted to U.S. EPA;
- c) Verifying that no action is being taken on the Real Property in violation of the terms of this instrument or of any federal or state environmental laws or regulations;
- d) Monitoring response actions on the Site and conducting investigations relating to contamination on or near the Site, including, without limitation, sampling of air, water, sediments, soils, and specifically, without limitation, obtaining split or duplicate samples;

- e) Conducting periodic review of the remedial action, including but not limited to, review required by applicable statutes and/or regulations; and
- f) Implementing additional or new response actions if the Grantees, in their sole discretion, determine i) that such actions are necessary to protect the environment because either the original remedial action has proven to be ineffective or because new technology has been developed which will accomplish the purposes of the remedial action in a significantly more efficient or cost effective manner; and ii) that the additional or new response actions will not impose any significantly greater burden on the Real Property or unduly interfere with the then existing uses of the Real Property.

14. RESERVED RIGHTS OF GRANTOR: Grantor hereby reserves unto itself, its successors, and assigns, all rights and privileges in and to the use of the Real Property which are not incompatible with the restrictions, rights and easements granted herein.

15. Nothing in this document shall limit or otherwise affect U.S. EPA's rights of entry and access or U.S. EPA's authority to take response actions under CERCLA, the NCP, or other federal law.

16. NO PUBLIC ACCESS AND USE: No right of access or use by the general public to any portion of the Real Property is conveyed by this instrument.


17. NOTICE REQUIREMENT: Grantor agrees to include in any instrument conveying any interest in any portion of the Real Property, including but not limited to deeds, leases and mortgages, a notice which is substantially the following form:

NOTICE: THE INTEREST CONVEYED HEREBY IS SUBJECT TO AN ENVIRONMENTAL PROTECTION EASEMENT AND DECLARATION OF RESTRICTIVE COVENANTS, DATED APRIL 12, 2005, RECORDED IN THE PUBLIC LAND RECORDS ON APRIL 20, 2005, IN BOOK 9405 PAGE 1166 IN FAVOR OF, AND ENFORCEABLE BY, THE UNITED STATES OF AMERICA.

Within thirty (30) days of the date any such instrument of conveyance is executed, Grantor must provide Grantees with a certified true copy of said instrument and, if it has been recorded in the public land records, its recording reference.

18. ADMINISTRATIVE JURISDICTION: The federal agency having administrative jurisdiction over the interests acquired by Grantees and the United States by this instrument is the EPA.

**OFFICIAL CERTIFIED COPY
TRUE AND COMPLETE**


Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

19. **ENFORCEMENT:** Grantees shall be entitled to enforce the terms of this instrument by resort to specific performance or legal process. All remedies available hereunder shall be in addition to any and all other remedies at law or in equity, including CERCLA. Enforcement of the terms of this instrument shall be at the discretion of the Grantees, and any forbearance, delay or omission to exercise their rights under this instrument in the event of a breach of any term of this instrument shall not be deemed to be a waiver by the Grantees of such term or of any subsequent breach of the same or any other term, or of any of the rights of the Grantees under this instrument.

20. **DAMAGES:** Grantees shall be entitled to recover damages for violations of the terms of this instrument, or for any injury to the remedial action, to the public or to the environment protected by this instrument.

21. **WAIVER OF CERTAIN DEFENSES:** Grantor hereby waives any defense of laches, estoppel, or prescription.

22. **COVENANTS:** Grantor hereby covenants to and with the United States and its assigns, that the Grantor is lawfully seized in fee simple of the Real Property, that the Grantor has a good and lawful right and power to sell and convey it, and that the Grantor will forever warrant and defend the title thereto and the quiet possession thereof.

23. **NOTICES:** Any notice, demand, request, consent, approval, or communication that either party desires or is required to give to the other shall be in writing and shall either be served personally or sent by first class mail, postage prepaid, addressed as follows:

To Grantor:

David Poage
3700 S. Tinkey Road
Mentone, IN 46539

To Grantee:


Lakeland Disposal Respondents
c/o ARCADIS Geraghty & Miller, Inc.
251 East Ohio Street, Suite 800
Indianapolis, IN 46204

24. **GENERAL PROVISIONS:**

a) **Controlling law:** The interpretation and performance of this instrument shall be governed by the laws of the United States or, if there are no applicable federal laws, by the law of Indiana.

b) **Liberal construction:** Any general rule of construction to the contrary notwithstanding, this instrument shall be liberally construed in favor of the grant to effect the purpose of this instrument and the policy and purpose of CERCLA. If any provision of this instrument is found to be ambiguous, an interpretation consistent with the purpose of this instrument that would render the provision valid shall be favored over any interpretation that would render it invalid.

OFFICIAL CERTIFIED COPY
TRUE AND COMPLETE


Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

c) Severability: If any provision of this instrument, or the application of it to any person or circumstance, is found to be invalid, the remainder of the provisions of this instrument, or the application of such provisions to persons or circumstances other than those to which it is found to be invalid, as the case may be, shall not be affected thereby.

d) Entire Agreement: This instrument sets forth the entire agreement of the parties with respect to the rights and restrictions created hereby, and supersedes all prior discussions, negotiations, understandings, or agreements relating thereto, all of which are merged herein.


e) No forfeiture: Nothing contained herein will result in a forfeiture or reversion of Grantor's title in any respect.

f) Successors: The covenants, terms, conditions, and restrictions of this instrument shall be binding upon, and inure to the benefit of, the parties hereto and their respective personal representatives, heirs, successors, and assigns and shall continue as a servitude running in perpetuity with the Real Property. The term "Grantor", wherever used herein, and any pronouns used in place thereof, shall include the persons and/or entities named at the beginning of this document, identified as "Grantor" and their personal representatives, heirs, successors, and assigns. The term "Grantees", wherever used herein, and any pronouns used in place thereof, shall include the persons and/or entities named at the beginning of this document, identified as "Grantees" and their personal representatives, heirs, successors, and assigns. The rights of the Grantees and Grantor under this instrument are freely assignable, subject to the notice provisions hereof.

g) Termination of Rights and Obligations: A party's rights and obligations under this instrument terminate upon transfer of the party's interest in the Easement or Real Property, except that liability for acts or omissions occurring prior to transfer shall survive transfer.

h) Captions: The captions in this instrument have been inserted solely for convenience of reference and are not a part of this instrument and shall have no effect upon construction or interpretation.

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TRUE AND COMPLETE

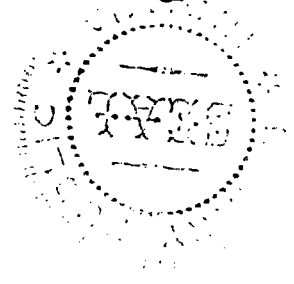


Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

IN WITNESS WHEREOF, Grantor has caused this Agreement to be signed in his name.

Executed this 12 day of APRIL, 2005.

By: DAVID W POAGE
David Poage



STATE OF INDIANA)
) ss
COUNTY OF KOSCIUSKO)

On this 12th day of April, 2005, before me, the undersigned, a Notary Public in and for the State of Indiana, duly commissioned and sworn, personally appeared David Poage, and executed the foregoing instrument, and acknowledged the said instrument to be his free and voluntary act and deed for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute said instrument.

Witness my hand and official seal hereto affixed the day and year written above.

Gracinda K. Gray
Notary Public in and for the
State of Indiana.

My Commission Expires: 3/8/2013

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TRUE AND COMPLETE

DM
Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

ATTACHMENT A

LEGAL DESCRIPTION OF RESPONDENT LANDOWNER'S PROPERTY

Parcel 1: A tract of land in the West half of the Northwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 5 East, more particularly described as follows:


Beginning at the Northwest corner of the West half of the Northwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 5 East, and running thence South on the West line of the Quarter Quarter Section a distance of 660 feet for a true Place of Beginning; thence running East for 660 feet to a point; thence running South for 330 feet to a point; thence running West for 660 feet to the West line of said Quarter Quarter Section; thence running North on the West line of said Quarter Quarter Section for 330 feet to the Place of Beginning, and containing five acres, more or less.

Parcel 2: A tract of land in the West half of the Northwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 5 East, more particularly described as follows:

Beginning at the Northwest corner of the West half of the Northwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 5 East, and running thence South on the West line of the Quarter Quarter Section a distance of 495 feet to the true Place of Beginning; thence running East 660 feet to a point; thence running South 165 feet to a point; thence running West 660 feet to the West line of said Quarter Quarter Section; thence running North on the West line of said Quarter Quarter Section 165 feet to the Place of Beginning.

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TRUE AND COMPLETE



Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

APR 20 2005

APR 20 2005

RECORDER OF KOSCIUSKO COUNTY

OFFICIAL CERTIFIED COPY
TRUE AND COMPLETE

LaShawn Brumfield
Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

000500005400
Filed for Record in
KOSCIUSKO COUNTY INDIANA
LASHAWN BRUMFIELD
04-20-2005 AT 12:27 PM.
EASEMENT 26.00

EPA Region 5 Records Ctr.



**ENVIRONMENTAL PROTECTION EASEMENT
AND DECLARATION OF RESTRICTIVE COVENANTS**

1. This Environmental Protection Easement and Declaration of Restrictive Covenants is made this 12th day of April, 2005 by and between **HOMER DOVE**, ("Grantor"), having an address at 5504 S. 450 West, Claypool, Indiana and **DANA CORPORATION, DA-LITE SCREEN COMPANY, INC., GENERAL MOTORS CORPORATION, MORTON INTERNATIONAL, INC., OWENS-ILLINOIS, INC., and ROBERTSHAW CONTROLS COMPANY AS INDEMNITOR OF EATON CORPORATION** ("Grantees").

2. WHEREAS, Grantor is the owner of parcels of land located in the County of Kosciusko, State of Indiana, more particularly described on Attachment A attached hereto and made a part hereof (the "Real Property");

3. WHEREAS the Real Property is part of the Lakeland Disposal Service, Inc. Landfill Superfund Site ("Lakeland Site" or "the Site"), which the U.S. Environmental Protection Agency ("U.S. EPA"), pursuant to Section 105 of CERCLA, 42 U.S.C. § 9605, placed on the National Priorities List, set forth at 40 C.F.R. Part 300, Appendix B, by publication in the Federal Register on March 31, 1989, (54 Fed. Rea. 13302);

4. WHEREAS, in a Record of Decision dated September 28, 1993 (the "ROD"), the U.S. EPA Region 5 Regional Administrator selected a "remedial action" for the Site, with the concurrence of the State of Indiana, which provides, in part, for the following remedial actions: construction of an Indiana Sanitary Landfill Cap, construction of a soil-bentonite slurry wall and extraction wells for containment of the on-site groundwater in the upper aquifer; storage, treatment if necessary, and discharge of recovered groundwater; construction of a landfill gas collection, extraction and treatments system; removal and offsite treatment and/or disposal of drummed wastes in the hot-spot area of the Site; excavation and removal of landfill wastes and debris encountered during slurry wall construction; construction of an adjustable weir in Sloan Ditch, if necessary, to maintain water levels in adjacent wetlands; a wetlands assessment to determine wetlands that may be impacted by the remedy; and placement of land use and groundwater use restrictions in the Kosciusko County property records;

5. WHEREAS, a Unilateral Administrative Order issued by EPA on April 25, 1994 ("UAO") requires five potentially responsible parties ("the UAO Group") to implement the activities set forth in the Scope of Work for the Remedial Design and Remedial Action work Plan;

JM

Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

6. WHEREAS, the parties hereto have agreed 1) to grant a permanent right of access over the Real Property to the Grantees for purposes of implementing, facilitating and monitoring the remedial action; and 2) to impose on the Property use restrictions as covenants that will run with the land for the purpose of protecting human health and the environment;

7. WHEREAS, Grantor wishes to cooperate fully with the Grantees in the implementation of all response actions at the Site; and

8. WHEREAS, Grantees of this easement shall pay to Mr. Dove the amount of \$1.00 (one dollar) in consideration for this environmental easement, as provided in Sect. VII, Para. 8(B) of the Administrative Order on Consent (EPA Docket No. V-W-97-C-397).

NOW THEREFORE

9. GRANT: Grantor, on behalf of itself, its successors and assigns, in consideration of the foregoing premises, does hereby covenant and declare that the Real Property shall be subject to the restrictions on use set forth below, and does give, grant and convey to the Grantees and their assigns, with general warranties of title, 1) the perpetual right to enforce said use restrictions, and 2) an environmental protection easement of the nature and character, and for the purposes hereinafter set forth, with respect to the Real Property.

10. PURPOSE: It is the purpose of this instrument to convey to the Grantees real property rights which will run with the land, to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to contaminants.

11. RESTRICTIONS ON USE: The following covenants, conditions, and restrictions apply to the use of the Real Property, run with the land and are binding on the Grantor:

- a) There shall be no use of, or activity at, the Site that may interfere with, damage, or otherwise impair the effectiveness of any response action (or component thereof) selected and/or undertaken by U.S. EPA. or any party acting as agent for U.S. EPA, pursuant to Section 104 of CERCLA, except with written approval of U.S. EPA, and consistent with all statutory and regulatory requirements;
- b) There shall be no consumptive, extractive, or other use of the groundwater underlying the Site that could cause exposure of humans or animals to the groundwater underlying the Site. Existing drinking water wells on Respondent's off-site property are not included in this restriction.
- c) There shall be no residential, commercial, or agricultural use of the Site,

including, but not limited to, any on-site excavation, land filling, mining, invasive construction, drilling, and installation of drinking water production wells, except as approved in writing by U.S. EPA;


- d) There shall be no installation, removal, construction or use of any buildings, wells, pipes, roads, ditches or any other structures or materials at the Site except as approved in writing by U.S. EPA;
- e) There shall be no tampering with, or removal of, the containment or monitoring systems that remain on the Site as a result of implementation of any response action by U.S. EPA, or any party acting as agent for U.S. EPA, and which is selected and/or undertaken by U.S. EPA pursuant to Section 104 of CERCLA;
- f) There shall be no activities that cause destruction of on-site vegetation or otherwise could result in degradation of the remedial components; and
- g) There shall be no ignition sources on site except as approved in writing by U.S. EPA.

12. MODIFICATIONS OF RESTRICTIONS: The above restrictions may be modified, or terminated in whole or in part, in writing, by the Grantee. If requested by the Grantor, such writing will be executed by Grantee in recordable form.

13. ENVIRONMENTAL PROTECTION EASEMENT: Grantor hereby grants to the Grantees and U.S. EPA an irrevocable, permanent and continuing right of access at all reasonable times to the Real Property for purposes of:

- a) Implementing the response actions in the ROD, including but not limited to soil removal; placement, replacement, modification and maintenance of the surface cap and other remedial components specified in the ROD; placement, replacement, modification, operation and maintenance of the ground-water extraction system; monitoring contamination levels in the air, in plants and in animals found on the Real Property, in soil, ground water, surface water, wastewater, or sediments;
- b) Verifying any data or information submitted to U.S. EPA;
- c) Verifying that no action is being taken on the Real Property in violation of the terms of this instrument or of any federal or state environmental laws or regulations;
- d) Monitoring response actions on the Site and conducting investigations relating to contamination on or near the Site, including, without limitation, sampling of air, water, sediments, soils, and specifically, without limitation, obtaining split or duplicate samples;

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TRUE AND COMPLETE**



Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder

- e) Conducting periodic review of the remedial action, including but not limited to, review required by applicable statutes and/or regulations; and
- f) Implementing additional or new response actions if the Grantees, in their sole discretion, determine i) that such actions are necessary to protect the environment because either the original remedial action has proven to be ineffective or because new technology has been developed which will accomplish the purposes of the remedial action in a significantly more efficient or cost effective manner; and ii) that the additional or new response actions will not impose any significantly greater burden on the Real Property or unduly interfere with the then existing uses of the Real Property.

14. RESERVED RIGHTS OF GRANTOR: Grantor hereby reserves unto itself, its successors, and assigns, all rights and privileges in and to the use of the Real Property which are not incompatible with the restrictions, rights and easements granted herein.

15. Nothing in this document shall limit or otherwise affect U.S. EPA's rights of entry and access or U.S. EPA's authority to take response actions under CERCLA, the NCP, or other federal law.

16. NO PUBLIC ACCESS AND USE: No right of access or use by the general public to any portion of the Real Property is conveyed by this instrument.

17. NOTICE REQUIREMENT: Grantor agrees to include in any instrument conveying any interest in any portion of the Real Property, including but not limited to deeds, leases and mortgages, a notice which is substantially the following form:

NOTICE: THE INTEREST CONVEYED HEREBY IS SUBJECT TO AN ENVIRONMENTAL PROTECTION EASEMENT AND DECLARATION OF RESTRICTIVE COVENANTS, DATED APRIL 12, 2005, RECORDED IN THE PUBLIC LAND RECORDS ON APRIL 20, 2005, IN BOOK 327/294 PAGE 89/576 IN FAVOR OF, AND ENFORCEABLE BY, THE UNITED STATES OF AMERICA.

Within thirty (30) days of the date any such instrument of conveyance is executed, Grantor must provide Grantees with a certified true copy of said instrument and, if it has been recorded in the public land records, its recording reference.

18. ADMINISTRATIVE JURISDICTION: The federal agency having administrative jurisdiction over the interests acquired by Grantees and the United States by this instrument is the EPA.

**OFFICIAL CERTIFIED COPY
TRUE AND COMPLETE**

JM
Recorder or Deputy
LaShawn Brumfield
Kosciusko County, Indiana

19. ENFORCEMENT: Grantees shall be entitled to enforce the terms of this instrument by resort to specific performance or legal process. All remedies available hereunder shall be in addition to any and all other remedies at law or in equity, including CERCLA. Enforcement of the terms of this instrument shall be at the discretion of the Grantees, and any forbearance, delay or omission to exercise their rights under this instrument in the event of a breach of any term of this instrument shall not be deemed to be a waiver by the Grantees of such term or of any subsequent breach of the same or any other term, or of any of the rights of the Grantees under this instrument.

20. DAMAGES: Grantees shall be entitled to recover damages for violations of the terms of this instrument, or for any injury to the remedial action, to the public or to the environment protected by this instrument.

21. WAIVER OF CERTAIN DEFENSES: Grantor hereby waives any defense of laches, estoppel, or prescription.

22. COVENANTS: Grantor hereby covenants to and with the United States and its assigns, that the Grantor is lawfully seized in fee simple of the Real Property, that the Grantor has a good and lawful right and power to sell and convey it, and that the Grantor will forever warrant and defend the title thereto and the quiet possession thereof.

23. NOTICES: Any notice, demand, request, consent, approval, or communication that either party desires or is required to give to the other shall be in writing and shall either be served personally or sent by first class mail, postage prepaid, addressed as follows:

To Grantor:

Homer Dove
5504 S. 450 West
Claypool, IN 46510

To Grantee:

Lakeland Disposal Respondents
c/o ARCADIS Geraghty & Miller, Inc.
251 East Ohio Street, Suite 800
Indianapolis, IN 46204

24. GENERAL PROVISIONS:

a) Controlling law: The interpretation and performance of this instrument shall be governed by the laws of the United States or, if there are no applicable federal laws, by the law of Indiana.

b) Liberal construction: Any general rule of construction to the contrary notwithstanding, this instrument shall be liberally construed in favor of the grant to effect the purpose of this instrument and the policy and purpose of CERCLA. If any provision of this instrument is found to be ambiguous, an interpretation consistent with the purpose of this instrument that would render the provision valid shall be favored over any interpretation that would render it invalid.

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TRUE AND COMPLETE**



Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

c) Severability: If any provision of this instrument, or the application of it to any person or circumstance, is found to be invalid, the remainder of the provisions of this instrument, or the application of such provisions to persons or circumstances other than those to which it is found to be invalid, as the case may be, shall not be affected thereby.

d) Entire Agreement: This instrument sets forth the entire agreement of the parties with respect to the rights and restrictions created hereby, and supersedes all prior discussions, negotiations, understandings, or agreements relating thereto, all of which are merged herein.


e) No forfeiture: Nothing contained herein will result in a forfeiture or reversion of Grantor's title in any respect.

f) Successors: The covenants, terms, conditions, and restrictions of this instrument shall be binding upon, and inure to the benefit of, the parties hereto and their respective personal representatives, heirs, successors, and assigns and shall continue as a servitude running in perpetuity with the Real Property. The term "Grantor", wherever used herein, and any pronouns used in place thereof, shall include the persons and/or entities named at the beginning of this document, identified as "Grantor" and their personal representatives, heirs, successors, and assigns. The term "Grantees", wherever used herein, and any pronouns used in place thereof, shall include the persons and/or entities named at the beginning of this document, identified as "Grantees" and their personal representatives, heirs, successors, and assigns. The rights of the Grantees and Grantor under this instrument are freely assignable, subject to the notice provisions hereof.

g) Termination of Rights and Obligations: A party's rights and obligations under this instrument terminate upon transfer of the party's interest in the Easement or Real Property, except that liability for acts or omissions occurring prior to transfer shall survive transfer.

h) Captions: The captions in this instrument have been inserted solely for convenience of reference and are not a part of this instrument and shall have no effect upon construction or interpretation.

**OFFICIAL CERTIFIED COPY
TRUE AND COMPLETE**



Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana

ATTACHMENT A

LEGAL DESCRIPTION OF RESPONDENT LANDOWNER'S PROPERTY

Tract I:


A tract of land in the West half of the Northwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 5 East, more particularly described as follows: Beginning at the Northwest corner of the West half of the Northwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 5 East, and running thence East on the North line of said Quarter Quarter Section 612 feet for a true place of beginning; thence running East on the North line of said Quarter Quarter Section for 48 feet to a point; thence running South for 330 feet to a point; thence running West for 660 feet to the West line of said Quarter Quarter Section; thence North on the West line of said Quarter Quarter Section for 130 feet to a point; thence East for 612 feet to a point; thence North for 200 feet to the Place of Beginning.

Tract II:

A tract of land in the West half of the Northwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 5 East, more particularly described as follows: Beginning at the Northwest corner of the West half of the Northwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 5 East, and running thence South on the West line of the Quarter Quarter Section a distance of 330 feet to the true place of beginning; thence running East 660 feet to a point; thence running South 165 feet to a point; thence running West 660 feet to the West line of said Quarter Quarter Section; thence running North on the West line of said Quarter Quarter Section 165 feet to the Place of Beginning.

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TRUE AND COMPLETE



Recorder or Deputy
LaShawn Brumfield
Kosciusko County Recorder
State of Indiana



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 Joetta Mitchell
 Kosciusko County Recorder IN
 Recorded as Presented



ENVIRONMENTAL RESTRICTIVE COVENANT

This Environmental Restrictive Covenant ("ERC") is executed this 10 day of Aug, 2015 on behalf of Max A. Montel (together with his successors, assignees and heirs, collectively "Owner"), by the Commissioner of the Indiana Department of Environmental Management ("IDEM") or his assignee, pursuant to the Order of Kosciusko Superior Court dated July 7, 2015 under Cause No. 43D01-1503-MI-103 to protect human health and the environment, by subjecting the Real Property (described below) to the activity and use limitations and to the right of access described below.

1. **WHEREAS**, on October 19, 1978 Lakeland Disposal Service Inc. conveyed to Max A. Montel the real property described in Exhibit A and depicted in Exhibit B ("Real Property") is located outside of Claypool, in Kosciusko County, State of Indiana. The Real Property, along with other parcels, was used from approximately 1974 to 1978 as a municipal and industrial waste disposal facility.
2. **WHEREAS**, the Owner of record of the Real Property, Max A. Montel, died on September 6, 1998.
3. **WHEREAS**, as of April 17, 2015, the Real Property is identified in the Kosciusko County records with the address "5854 S 450 W, Claypool" and with Parcel number "025-022 CONTAMINATED".
4. **WHEREAS**, the Real Property and other parcels that were used as a waste disposal facility make up the Lakeland Disposal Services, Inc. Landfill Superfund Site ("Lakeland Site" or "the Site"), encompassing approximately 39 acres, located approximately three and one-half miles northwest of Claypool, Indiana in Section 12, Township 31, North Range 5 East, Kosciusko County, Indiana, which the U.S. Environmental Protection Agency ("U.S. EPA"), pursuant to Section 105 of CERCLA, 42 U.S.C. 9605, placed on the National Priorities List, set forth at 40 C.F.R. Part 300, Appendix B, by publication in the Federal Register on March 31, 1989, (54 Fed. Reg. 13302), and which has been assigned U.S. EPA Site ID#IND0647703200 and Site #7500047 by the Indiana Department of Environmental Management ("IDEM").
5. **WHEREAS**, in a Record of Decision dated September 28, 1993 (the "ROD", IDEM Virtual File Cabinet (VFC) Document #69580671), the U.S. EPA Region 5 Regional Administrator selected a "Remedial Action" for the Lakeland Site with the concurrence of the IDEM on behalf of the State of Indiana. The ROD was later amended on October 15, 1998 ("ROD Amendment", VFC#65110603) to present the selected change to address wastes within a designated area at the Site, which is referred to as Waste Disposal Area 2. The major components of the final selected remedy at the Site include the following remedial actions: construction of a Sanitary Landfill Cap, a low-density polyethylene geo-membrane to serve as a barrier layer in the cover system design; construction of a soil-bentonite slurry wall and use of a subsurface drain along the upgradient face of the slurry wall for containment of the on-site groundwater in the upper aquifer; storage, treatment, if necessary, and discharge of recovered groundwater; construction of a landfill gas collection extraction and treatment system; excavation of material contained within the Waste Disposal Area 2 for on-site treatment utilizing low-temperature thermal desorption treatment; excavation and removal of

landfill wastes and debris encountered during slurry wall construction; fencing to prevent access; construction of an adjustable weir in Sloan Ditch, if necessary, to maintain water levels in adjacent wetlands; a wetlands assessment to determine wetlands that may be impacted; and the requirement to restrict the land and groundwater use by recording an ERC approved by U.S. EPA and IDEM in the Kosciusko County Recorder's Office.

6. **WHEREAS**, a Unilateral Administrative Order issued by U.S. EPA on April 25, 1994 ("UAO", VFC #68284091) required a number of Responsible Parties, including the five remaining Responsible Parties, to carry out the terms of the ROD and the ROD Amendment. Those parties are: Da Lite Screen Company, Inc.; Morton International, Inc.; Owens Illinois Inc.; United Technologies Corporation; and Invensys, Inc. ("UAO Parties").
7. **WHEREAS**, during its operational period from June 1974 to December 1978, at least 18,000 drums of paint sludge, 8,900 tons of plating sludge and more than two million gallons of plating sludge containing various hydroxide sludges of aluminum, cadmium, chromium, copper, lead, nickel, tin, selenium and zinc were deposited at the Site. More than an insignificant amount of Hazardous Substances will remain on or beneath the Lakeland Site in the groundwater and soils. Pursuant to the requirements in Indiana Code IC 13-25-4-24 (b), the owner of real property shall execute and record a restrictive covenant applying to the property if the commissioner determines that a restrictive covenant is necessary to protect the public health or welfare or the environment from unreasonable risk of future exposure to a hazardous substance. A restrictive covenant is necessary to protect the public health or welfare or the environment from an unreasonable risk of future exposure to a hazardous substance because the contaminants of concern remaining at the Lakeland Site include monocyclic aromatic hydrocarbons, chlorinated aliphatic hydrocarbons, ketones, tetrahydrofuran, carbon disulfide, benzoic acid, phthalate esters, naphthalene, phenols and inorganic compounds. A more extensive list of the contaminants of concern may be found at Table 46 of the Remedial Investigation Report. (VFC #52315713)
8. **WHEREAS**, records related to the Lakeland Site may be examined at the U.S. EPA Region V public File Room at 77 W. Jackson Boulevard, Chicago, Illinois 60604 and at IDEM's office, located in the Indiana Government Center North, 100 N. Senate Ave., Indianapolis, Indiana 46204 and may be available electronically through the IDEM's Virtual File Cabinet system which, at the time of the execution of this document, can be found at www.IN.gov/idem/.
9. **WHEREAS**, IDEM, through the Office of the Attorney General of Indiana, filed a Declaratory Judgment action in Kosciusko Superior court, requesting the court to authorize the Commissioner of the IDEM to execute the ERC on the Real Property because the owner of record, Max A. Montel, is deceased. Indiana Trial Rule 70 (A) allows a court to direct an act to be done by some other person appointed by the Court when a party fails to comply. The Court authorized the Commissioner to execute this ERC by a Judgment dated July 7, 2015 under Cause No. 43D01-1503-MI-103, a copy of which is attached hereto and incorporated herein as **Exhibit C**.

NOW THEREFORE, this ERC subjects the Real Property described in Exhibit A to the following restrictions and obligations:

RESTRICTIONS AND OBLIGATIONS

10. The following conditions and restrictions apply to the use of the ERC Property, run with the land and are binding on any and all subsequent Owners of the ERC Property. Any Owner, the U.S. EPA, the IDEM and the UAO Parties may enforce these restrictions.
 - a) There shall be no use of, or activity at, the ERC Property that may interfere with, damage, or otherwise impair the effectiveness of any remedial action (or component thereof) selected and/or undertaken by U.S. EPA or any party acting as agent for U.S. EPA, IDEM or by the UAO Parties pursuant to Section 104 of CERCLA;
 - b) Except as necessary to implement and monitor the approved remedial action, there shall be no consumptive or extractive use of the groundwater underlying the ERC Property that could cause exposure to humans or animals of the groundwater underlying the ERC Property without the written approval of U.S. EPA in consultation with IDEM;
 - c) There shall be no residential, commercial, industrial, recreational or agricultural use of the ERC Property, including, but not limited to, any excavation, land filling, mining, invasive construction, drilling, or installation of water production wells, except as part of an environmental site investigation and/or remediation required by U.S. EPA and IDEM;
 - d) There shall be no installation, removal, construction or use of any buildings, wells, pipes, roads, ditches or any other structures or materials at the ERC Property except as approved in writing by U.S. EPA and in consultation with IDEM;
 - e) There shall be no tampering with, or removal of, the containment or monitoring systems that remain on the ERC Property as a result of implementation of any response action by U.S. EPA, or any party acting as agent for U.S. EPA, or IDEM, or the UAO Parties and which is selected and/or undertaken by U.S. EPA pursuant to Section 104 of CERCLA except as approved in writing by U.S. EPA in consultation with IDEM;
 - f) There shall be no activities that cause destruction of vegetation that could result in degradation of the remedial components on the ERC Property except as approved in writing by U.S. EPA and in consultation with IDEM; and
 - g) There shall be no ignition sources on the ERC Property except as approved in writing by U.S. EPA in consultation with IDEM.
11. Nothing in this ERC is intended to void, modify or alter in any way the rights and obligations of the UAO Parties or the Settling Work Defendants, under the 1994 UAO or the 1989 Consent Decree in *U.S. et al. v. GM Corp, et al.*

12. MODIFICATIONS TO OR TERMINATION OF RESTRICTIONS OR OBLIGATIONS

- a) The restrictions and obligations contained herein shall apply until U.S. EPA and IDEM determine that they are no longer necessary to prevent an unacceptable risk to the public health or to the environment due to the presence of the Hazardous Substances.
- b) This ERC shall not be modified or terminated except by prior written approval of U.S. EPA and IDEM. The UAO Parties shall be provided with Notice and an opportunity to comment on any proposed modifications or terminations. Within thirty (30) days of executing any modification or termination (including the approval of IDEM and EPA) the Owner shall record such modification or termination with the Office of the Recorder of Kosciusko County and provide a true copy of the recorded, modification or termination to IDEM, U.S. EPA and the UAO Parties.

GENERAL PROVISIONS

13. **Property Conveyance - Continuance of Provisions.** Any Owner shall prevent the conveyance of title, easement, or other interest in the ERC Property from being transferred without adequate and complete provision for compliance with this ERC and prevention of exposure to Hazardous Substances as described above.
14. **Restrictions to Run with the Land.** The restrictions and other requirements described in this ERC shall run with the land and be binding upon any Owner of the ERC Property and any Owner's successors, assignees, heirs and lessees and their authorized agents, employees, contractors, representatives, agents, lessees, licensees, invitees, guests, or other persons acting under their direction or control (hereinafter "Related Parties") and shall continue as a servitude running in perpetuity with the land unless termination or modification is approved by U.S. EPA and IDEM. No transfer, mortgage, lease, license, easement, or other conveyance of any interest in all or any part of the ERC Property by any person shall limit the restrictions set forth herein. By taking title to the ERC Property, any subsequent owner agrees to comply with these restrictions and the terms of this ERC.
15. **Access for IDEM, U.S. EPA, and the UAO Parties.** Any Owner hereby shall provide the right of access to IDEM, U.S. EPA, and the UAO Parties, and to their respective designated representatives to enter upon the ERC Property at reasonable times for the purpose of monitoring compliance with this ERC, implementing the Remedial Action, and monitoring the effectiveness of the Remedial Action. This right includes, but is not limited to, access for the purposes of:
- a) Carrying out, operating, and maintaining the Remedial Action and to ensure protection of public health, safety or welfare and the environment;

- b) Monitoring the Remedial Action;
 - c) Monitoring compliance with the ROD, ROD Amendment, UAO, and the terms of compliance with this ERC;
 - d) Determining whether the restrictions described in paragraph 10 above are being maintained and verifying that no action is being taken on the ERC Property in violation of the terms of this ERC or of any federal or state environmental laws or regulations;
 - e) Conducting periodic reviews of the Remedial Action, including but not limited to, reviews required by applicable statutes and regulations; and
 - f) Implementing additional or new response actions if necessary, with prior written approval from U.S. EPA and IDEM.
16. **ERC to be Recorded and Written Notice Provided.** Any Owner agrees to include in any instrument conveying any interest in any portion of the ERC Property, including but not limited to deeds, leases and subleases (excluding mortgages, liens, similar financing interests, and other non-possessory encumbrances), the following notice provision (with blanks to be filled in):
- NOTICE: THE INTEREST CONVEYED HEREBY IS SUBJECT TO AN ENVIRONMENTAL RESTRICTIVE COVENANT, DATED August 27 2015, RECORDED IN THE OFFICE OF THE RECORDER OF KOSCIUSKO COUNTY ON August 27, 2015, IN INSTRUMENT NUMBER (or other identifying reference) 201508 1764, PAGE NUMBER NA IN FAVOR OF AND ENFORCEABLE BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, AND THE UAO PARTIES.**
17. **Notice to IDEM, U.S. EPA, and the UAO Parties of the Conveyance of Property.** Any Owner agrees to provide written notice to IDEM, U.S. EPA, and the UAO Parties of any conveyance (voluntary or involuntary) of any ownership interest in the ERC Property (excluding mortgages, liens, similar financing interests, and other non-possessory encumbrances). Any Owner must provide IDEM, U.S. EPA and the UAO Parties with notice within thirty (30) days of the conveyance and include: (a) a certified copy of the instrument conveying any interest in any portion of the ERC Property (b) its recording reference, and (c) the name and business address, telephone number, and email address of the transferee.
18. **Indiana Law.** This ERC shall be governed by, and shall be construed and enforced according to, the laws of the State of Indiana.

19. **Enforcement.** Pursuant to Indiana Code 13-14-2-6 and other applicable law, IDEM may proceed in court, by appropriate action, to enforce this ERC. Any Owner also hereby acknowledges that U.S. EPA has jurisdiction to enforce this ERC through action under CERCLA and any documents in support thereof, and that the UAO Parties have jurisdiction to enforce this ERC through action under the UAO, Consent Decree, CERCLA, and any documents in support thereof. Damages alone are insufficient to compensate IDEM, U.S. EPA, or the UAO Parties if any Owner of the ERC Property or its Related Parties, breaches this ERC or otherwise default hereunder. As a result, if any Owner of the ERC Property, or any of its Related Parties, breach this ERC or otherwise default hereunder, IDEM, U.S. EPA, and the UAO Parties shall have the right to demand specific performance and/or immediate injunctive relief to enforce this ERC in addition to any other remedies at law or at equity. Any Owner agrees that the provisions of this ERC are enforceable, and agrees not to challenge the jurisdiction of the Courts of the State of Indiana to enforce the provisions of this ERC.
20. **Access.** Nothing in this document shall limit or otherwise affect U.S. EPA's or IDEM's rights of entry and access or U.S. EPA's authority to take response actions under CERCLA, the NCP, or other federal law.
21. **No Public Access.** No right of access or use by the general public to any portion of the ERC Property is conveyed by this ERC.
22. **Waiver of Certain Defenses.** No failure on the part of IDEM, U.S. EPA or the UAO Parties at any time to require performance by any person of any term of this ERC shall be taken or held to be a waiver of such term or to in any way affects IDEM's, U.S. EPA's and/or the UAO Parties' right to enforce such term, and no waiver on the part of IDEM, U.S. EPA and/or the UAO Parties of any term shall be taken or held to be a waiver of any other term or to constitute a breach of this ERC.
23. **Notices.** Any notice, demand, request, consent, approval, or communication that is required or desired under this ERC shall be in writing and shall either be served personally or sent by first class mail, postage prepaid, addressed as follows:

To UAO Parties:

Lakeland Disposal Respondents
c/o ARCADIS U.S., Inc.
132 East Washington St., Suite 600
Indianapolis, IN 46204

To IDEM:


IDEM, Office of Land Quality
100 N. Senate Ave., IGCN-Suite 1101
Indianapolis, IN 46204-2251
Attn: State Project Manager, Lakeland Disposal Landfill Site

To U.S. EPA:

Remedial Project Manager,
Lakeland Disposal Landfill Site
Superfund Division
U.S. Environmental Protection Agency, Region 5
77 W. Jackson Blvd. (SR-6J)
Chicago, IL 60604

24. **Liberal Construction:** Any general rule of construction to the contrary notwithstanding, this ERC shall be liberally construed in favor of effectuating the purpose of this ERC and the policy and purpose of CERCLA. If any provision of this ERC is found to be ambiguous, an interpretation consistent with the purpose of this ERC that would render the provision valid shall be favored over any interpretation that would render it invalid.
25. **Severability:** If any provision of this ERC, or the application of it to any person or circumstance, is found to be invalid, the remainder of the provisions of this ERC, or the application of such provisions to persons or circumstances other than those to which it is found to be invalid, as the case may be, shall not be affected thereby.
26. **Successors:** The covenants, terms, conditions, and restrictions of this ERC shall be binding upon, and inure to the benefit of, the parties hereto and their respective personal representatives, heirs, successors, and assigns and shall continue as a servitude running in perpetuity with the ERC Property.
27. **Termination of Rights and Obligations:** A party's rights and obligations under this ERC terminate upon transfer of the party's interest in the ERC Property except that liability for acts or omissions occurring prior to transfer shall survive transfer.

IN WITNESS WHEREOF, the Commissioner, authorized by Court Order in Cause No. 43D01-1503-MI-103, entered on July 7, 2015 to execute this instrument on behalf of said Owner of the Real Estate described above, has caused this Environmental Restrictive Covenant to be executed on this 10th day of AUGUST, 2015.

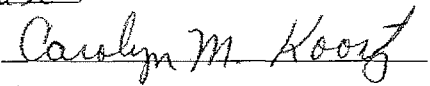


Thomas W. Easterly
Commissioner
Indiana Department of Environmental Management

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, the undersigned, a Notary Public in and for said County and State, personally appeared Thomas W. Easterly, authorized by Court Order to execute this instrument on behalf of the Owner of the Real Property, who acknowledged the execution of the foregoing instrument for and on behalf of said entity.

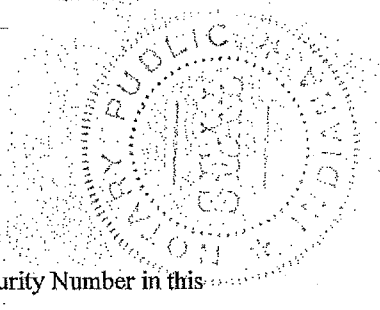
Witness my hand and Notarial Seal this 10th day of August, 2015.



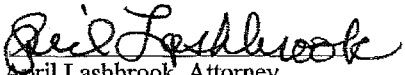
Carolyn M. Koontz Notary Public
Residing in Boone County, IN

My Commission Expires: 5-14-16

This instrument was prepared by the Indiana Department of Environmental Management:
IDEM, Office of Land Quality
IGCN – Suite 1101
100 N. Senate Avenue
Mail Code 66-31
Indianapolis, IN 46204-2251



I affirm, under penalty of perjury, that I have taken reasonable care to redact each Social Security Number in this document, as required by law.



April Lashbrook, Attorney
Office of Legal Counsel
IDEM
100 N. Senate Avenue
Indianapolis, IN 46204-2251

Exhibit A
Legal Description of ERC Property

TRACT A (FIVE ACRES):

A PARCEL OF LAND LOCATED IN THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 31 NORTH, RANGE 5 EAST OF THE SECOND PRINCIPAL MERIDIAN, SEWARD TOWNSHIP, KOSCIUSKO COUNTY INDIANA BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12; THENCE SOUTH (BASIS OF BEARINGS) ON THE WEST LINE OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, A DISTANCE OF 990 FEET TO THE POINT OF BEGINNING; THENCE EAST, A DISTANCE OF 660 FEET MORE OR LESS TO THE EAST LINE OF THE WEST HALF OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12; THENCE SOUTH, ON SAID EAST LINE, A DISTANCE OF 332.66 FEET, MORE OR LESS, TO THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12; THENCE WEST, ON SAID SOUTH LINE, A DISTANCE OF 660 FEET, MORE OR LESS, TO THE WEST LINE OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12; THENCE NORTH, ON SAID WEST LINE, A DISTANCE OF 332.66 FEET, MORE OR LESS TO THE POINT OF BEGINNING.

PARCEL CONTAINS 5.0 ACRES, MORE OR LESS

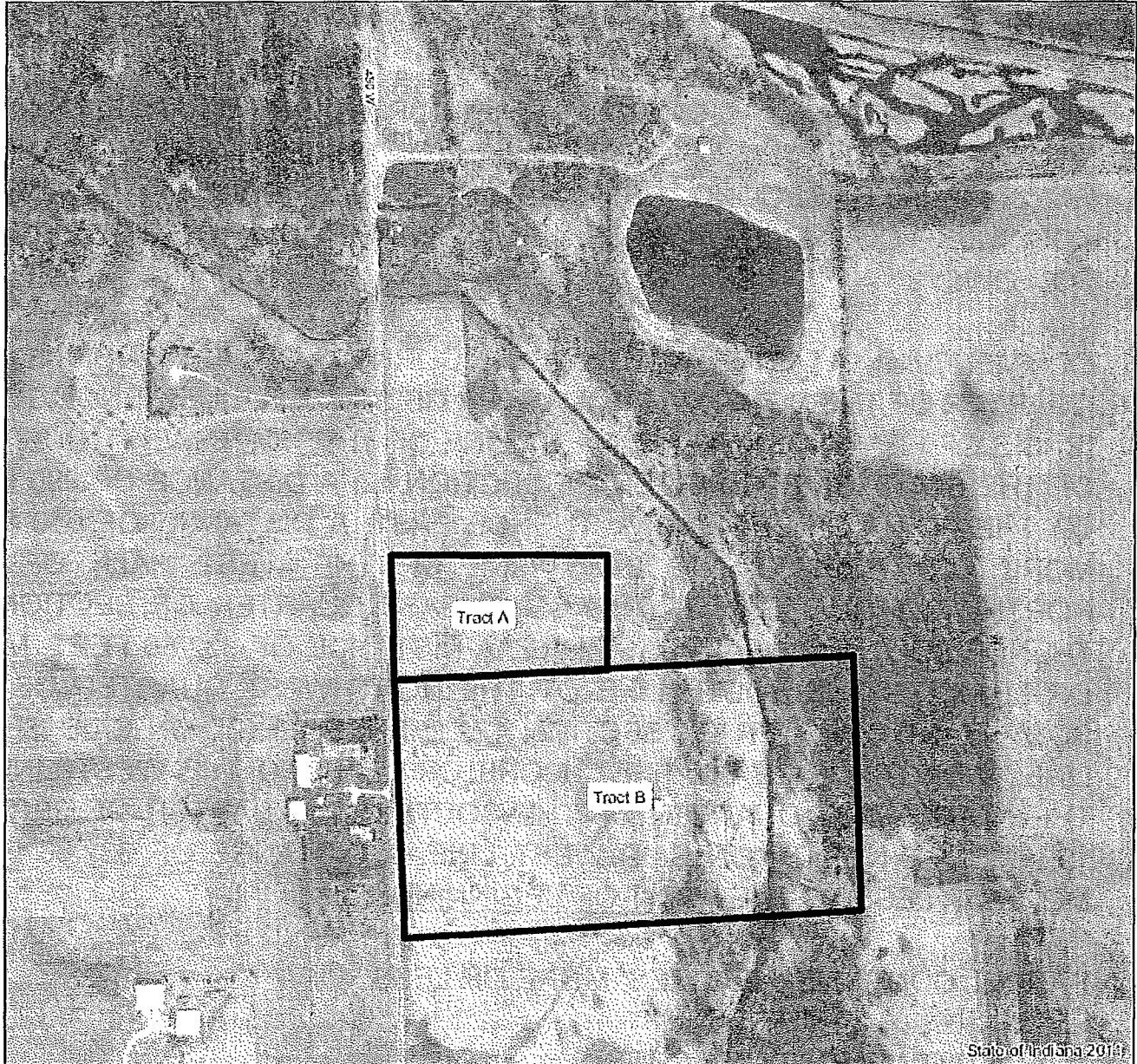
TRACT B (TWENTY-TWO ACRES):

This parcel is also referenced as Tract I on Deed Record 279, Page 277, Instrument #21663, Recorded October 19, 1978:

The North 22 acres of the Southwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 5 East.

PARCEL CONTAINS 22.0 ACRES, MORE OR LESS

**Exhibit B - ERC Property
Lakeland Disposal Service, Inc. Landfill Superfund Site (SF 7500047)**



State of Indiana 2015

Mapped By: Mike Hill, IDEM, Office of Land Quality, Science Services Branch, Engineering & GIS Services, April 16, 2015

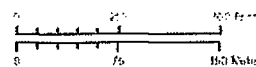
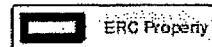
Source Info: Tract A (5 acres)
Unrecorded legal description based on unrecorded legal description provided by Technical Engineering, LLC on January 13, 2014

Tract B (22 acres)
Instrument # 21663 Recorded OCT 19 1978
Deed Record 278, Page 277
Corporate Deed

Aerial Info: 2011 Statewide Orthophotography Program

PLSS Info: Section 12, T31N, R5E
Seward Township
Kosciusko County, IN

Disclaimer: This map is intended to serve as an all in graphic representation only. This information is not warranted for accuracy or other purposes.



Kosciusko County

Project Area



Exhibit C

JUDGMENT DECLARING ENVIRONMENTAL RESTRICTIONS ON PROPERTY



STATE OF INDIANA

)KOSCIUSKO COUNTY SUPERIOR COURT

KOSCIUSKO COUNTY

)CAUSE NO. 43D01-1503-MI-103

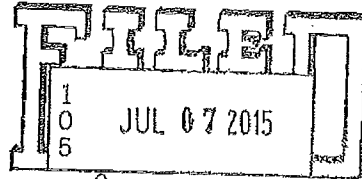
COMMISSIONER OF THE
INDIANA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

Plaintiff

v.

MAX A. MONTEL

Defendant.



Anna Jorjey
CLERK, KOSCIUSKO SUPERIOR COURT

**JUDGMENT DECLARING
ENVIRONMENTAL RESTRICTIVE COVENANT ON PROPERTY**

On May 1, 2015, the Commissioner filed his Verified Complaint to Declare an Environmental Restrictive Covenant on land owned on record in the name of Max A. Montel. The Department seeks a declaratory judgment that an Environmental Restrictive Covenant substantially similar to Exhibits A-C of the Verified Complaint should be executed and recorded to protect human health and the environment around property that was used as a landfill near Claypool, Indiana. The Environmental Restrictive Covenant serves as notice that the property is contaminated and that its uses are restricted.

Unable to locate Max A. Montel, or anyone else interested in the real estate, the Commissioner published notice of summons by publication in the Warsaw Times-Union on May 16, 23 and 30, 2015. No party has answered the complaint within 30 days of the last publication. Accordingly, at the Commissioner's request, this Court enters the following default judgment based upon the verified pleadings before this Court.

**Findings of Fact
From the Verified Petition**

1. From 1974 to 1978, Lakeland Disposal Services, Inc. operated a disposal service on approximately 39 acres in Kosciusko County. The Real Property and other parcels that were used as a municipal and industrial waste disposal facility make up the Lakeland Disposal Services, Inc. Landfill Superfund Site ("Lakeland Site" or "the "Site").

2. On October 19, 1978 Lakeland Disposal Service Inc. conveyed the Real Property to Max A. Montel.

3. Although the Kosciusko County real estate records show that Real Property is still owned by "Max A. Montel," Max A. Montel died in 1998, and his estate has been fully administered.

4. The Real Property is located about three and one-half miles northwest of Claypool, Indiana in Section 12, Township 31, North Range 5 East, Kosciusko County, Indiana, and consists of the following two tracts:

TRACT A (FIVE ACRES):

A PARCEL OF LAND LOCATED IN THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 31 NORTH, RANGE 5 EAST OF THE SECOND PRINCIPAL MERIDIAN, SEWARD TOWNSHIP, KOSCIUSKO COUNTY INDIANA BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12; THENCE SOUTH (BASIS OF BEARINGS) ON THE WEST LINE OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, A DISTANCE OF 990 FEET TO THE POINT OF BEGINNING; THENCE EAST, A DISTANCE OF 660 FEET MORE OR LESS TO THE EAST LINE OF THE WEST HALF OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12; THENCE SOUTH, ON SAID EAST LINE, A DISTANCE OF 332.66 FEET, MORE OR LESS, TO THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12; THENCE WEST, ON SAID SOUTH LINE, A DISTANCE OF 660 FEET, MORE OR LESS, TO THE WEST LINE OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12; THENCE NORTH, ON SAID WEST LINE, A DISTANCE OF 332.66 FEET, MORE OR LESS TO THE POINT OF BEGINNING.

PARCEL CONTAINS 5.0 ACRES, MORE OR LESS

TRACT B (TWENTY-TWO ACRES):

This parcel is also referenced as Tract I on Deed Record 279, Page 277, Instrument #21663, Recorded October 19, 1978:

The North 22 acres of the Southwest Quarter of the Southeast Quarter of Section 12, Township 31 North, Range 5 East,

PARCEL CONTAINS 22.0 ACRES, MORE OR LESS

5. During its operational period from June 1974 to December 1978, among the wastes deposited at the Site were at least 18,000 drums of paint sludge, 8,900 tons of plating sludge and more than two million gallons of plating sludge containing various hydroxide sludges of aluminum, cadmium, chromium, copper, lead, nickel, tin, selenium and zinc. More than an

insignificant amount of Hazardous Substances will remain on or beneath the Lakeland Site in the groundwater and soils and a restrictive covenant is necessary to protect the public health or welfare or the environment from unreasonable risk of future exposure to a hazardous substance.

6. Pursuant to Section 105 of CERCLA, 42 U.S.C. 9605, The U.S. Environmental Protection Agency ("EPA"), placed the Lakeland Site on the National Priorities List in 1989, and EPA and the Department have since been overseeing a Superfund cleanup at the Lakeland Site.

7. In a Record of Decision dated September 28, 1993 (the "ROD"), the U.S. EPA Region 5 Regional Administrator selected a "Remedial Action" for the Lakeland Site with the concurrence of the IDEM on behalf of the State of Indiana. The major components of the final selected remedy at the Site included, but were not limited to, the following remedial actions: construction of a Sanitary Landfill Cap, a low-density polyethylene geo-membrane to serve as a barrier layer in the cover system design; construction of a soil-bentonite slurry wall and use of a subsurface drain along the upgradient face of the slurry wall for containment of the on-site groundwater in the upper aquifer, discharge of recovered groundwater, and the requirement to restrict the land and groundwater use by recording an Environmental Restrictive Covenant approved by U.S. EPA and IDEM in the Kosciusko County Recorder's Office.

8. On April 25, 1994, EPA issued a Unilateral Administrative Order which required a number of Responsible Parties to carry out the terms of the remedy. The five remaining Parties are: Da Lite Screen Company, Inc.; Morton International, Inc.; Owens Illinois Inc.; United Technologies Corporation; and Invensys, Inc. In the decades since, these companies and the federal and state governments have collectively spent millions implementing the remedy at the Lakeland Site.

9. The owner of record of the Real Property, "Max A. Montel," died on September 6, 1998. His probate Estate was opened on October 13, 1998 in Kosciusko Circuit Court under Cause Number 43C01-9810-EU-00140.

10. Despite the Superfund remedy, more than an insignificantly small amount of hazardous substances remain on or beneath the surface of the Lakeland Site, and in the groundwater.

11. The Commissioner of the Department has determined that a portion of the abandoned property needs to be restricted in order to protect human health and the environment from an unreasonable risk of future exposure to a hazardous substance. The necessary

restrictions are more specifically described in Exhibits A-C of the Verified Complaint, but generally include:

- prohibiting industrial, commercial, residential, recreational or agricultural use of the Lakeland Site;
- prohibiting the non-investigational use of groundwater under the Lakeland Site for any purpose;
- prohibiting excavation or construction on the Lakeland Site; and
- prohibiting interference with the remedial measures at the Lakeland Site, which includes any disturbances of vegetation and monitoring systems.

Conclusions of Law

12. Under the circumstances described above, IC 13-25-4-24(b) requires a property owner to execute and record a restrictive covenant:

(b) The owner of real property described in subsection (a) shall execute and record, in the office of the county recorder of the county in which the property is located, a restrictive covenant applying to the property if the commissioner determines that a restrictive covenant meeting the requirements set forth in subsection (c) is necessary to protect the public health or welfare or the environment from unreasonable risk of future exposure to a hazardous substance.

Ind. Code § 13-25-4-24(b).

13. The Department filed this action to impose a restrictive covenant, and thus preserve the value of the public and private money spent to remove and then safely contain the remaining hazardous substances at and around the Lakeland Site, and to put the public on notice and protect the public accordingly.


Judgment and Order

14. This Court ORDERS that the above property is restricted as per the terms and conditions of the environmental restrictive covenant attached as Exhibits A-C to the Verified Complaint.

15. Within 30 days of this Court's order, Max A. Montel and any person or entity claiming ownership in the above property are ORDERED to record an environmental restrictive covenant on the above described real estate in substantial form as Exhibits A-C of the Verified Complaint.

16. If no one complies with the above paragraph, and pursuant to Trial Rule 70(A), the Commissioner of the Department is authorized to sign and record an environmental restrictive covenant on behalf of the owner(s) of the above described real estate, in substantial form as Exhibits A-C of the Verified Complaint, and to thus protect public health and the environment in perpetuity.

Date: July 7, 2015



Judge, Kosciusko Co. Sup. Court

Dist. to:

Timothy J. Junk
Deputy Attorney General
Office of the Indiana Attorney General
Indiana Government Center South - 5th Fl.
302 W. Washington St.
Indianapolis, IN 46204-2770

116
AUG 27 2015

JAMES WEINGART

44-
22

Attachment 5

Site Inspection Checklist

I. SITE INFORMATION	
Site name: Lakeland Disposal Service, Inc.	Date of inspection: 11/14/2019
Location and Region: Claypool, IN, Region 5	EPA ID: IND064703200
Agency, office, or company leading the FYR: EPA	Weather/temperature: Partly Sunny/20 degrees
Remedy Includes: (Check all that apply)	
<input checked="" type="checkbox"/> Landfill cover/containment <input checked="" type="checkbox"/> Access controls <input checked="" type="checkbox"/> Institutional controls <input checked="" type="checkbox"/> Groundwater pump and treatment <input type="checkbox"/> Surface water collection and treatment	<input type="checkbox"/> Monitored natural attenuation <input checked="" type="checkbox"/> Groundwater containment <input checked="" type="checkbox"/> Vertical barrier walls <input type="checkbox"/> Other: Slurry wall
Attachments:	
<input type="checkbox"/> Inspection team roster attached	<input type="checkbox"/> Site map attached

Site Inspection Checklist

III. ON-SITE DOCUMENTS & RECORDS VERIFIED (Check all that apply)			
1. O&M Documents			
<input type="checkbox"/> O&M manual	<input type="checkbox"/> Readily available	<input checked="" type="checkbox"/> Up to date	<input type="checkbox"/> N/A
<input type="checkbox"/> As-built drawings	<input type="checkbox"/> Readily available	<input checked="" type="checkbox"/> Up to date	<input type="checkbox"/> N/A
<input type="checkbox"/> Maintenance logs	<input type="checkbox"/> Readily available	<input checked="" type="checkbox"/> Up to date	<input type="checkbox"/> N/A
Remarks: Click or tap here to enter text.			
2. Site-Specific Health and Safety Plan			
<input checked="" type="checkbox"/> Contingency Plan/Emergency Response Plan		<input checked="" type="checkbox"/> Readily available	
Remarks: Click or tap here to enter text.			
3. O&M and OSHA Training Records			
<input type="checkbox"/> Readily available		<input checked="" type="checkbox"/> Up to date	
Remarks: Click or tap here to enter text.			
4. Permits and Service Agreements			
<input type="checkbox"/> Air discharge permit	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Effluent discharge	<input type="checkbox"/> Readily available	<input checked="" type="checkbox"/> Up to date	<input type="checkbox"/> N/A
<input type="checkbox"/> Waste disposal, POTW	<input type="checkbox"/> Readily available	<input type="checkbox"/> Up to date	<input type="checkbox"/> N/A
<input type="checkbox"/> Other permits: Click or tap here to enter text.			
Remarks: Click or tap here to enter text.			
5. Gas Generation Records			
<input type="checkbox"/> Readily available		<input type="checkbox"/> Up to date	
Remarks: Click or tap here to enter text.			
6. Settlement Monument Records			
<input type="checkbox"/> Readily available		<input type="checkbox"/> Up to date	
Remarks: Click or tap here to enter text.			
7. Groundwater Monitoring Records			
<input type="checkbox"/> Readily available		<input checked="" type="checkbox"/> Up to date	
Remarks: Click or tap here to enter text.			
8. Leachate Extraction Records			
<input type="checkbox"/> Readily available		<input type="checkbox"/> Up to date	
Remarks: Click or tap here to enter text.			

Site Inspection Checklist

Remarks: Click or tap here to enter text.

9. Discharge Compliance Records

- | | | | |
|--|--|--|------------------------------|
| <input type="checkbox"/> Air | <input type="checkbox"/> Readily available | <input type="checkbox"/> Up to date | <input type="checkbox"/> N/A |
| <input checked="" type="checkbox"/> Water (effluent) | <input type="checkbox"/> Readily available | <input checked="" type="checkbox"/> Up to date | <input type="checkbox"/> N/A |

Remarks: Click or tap here to enter text.

10. Daily Access/Security Logs

- | | | |
|--|--|------------------------------|
| <input type="checkbox"/> Readily available | <input checked="" type="checkbox"/> Up to date | <input type="checkbox"/> N/A |
|--|--|------------------------------|

Remarks: Click or tap here to enter text.

IV. O&M COSTS

1. O&M Organization

- | | |
|--|--|
| <input type="checkbox"/> State in-house | <input type="checkbox"/> Contractor for State |
| <input type="checkbox"/> PRP in-house | <input checked="" type="checkbox"/> Contractor for PRP |
| <input type="checkbox"/> Federal Facility in-house | <input type="checkbox"/> Contractor for Federal Facility |

Remarks: ARCADIS

2. O&M Cost Records

- | | | |
|--|-------------------------------------|---|
| <input type="checkbox"/> Readily available | <input type="checkbox"/> Up to date | <input type="checkbox"/> Funding mechanism/agreement in place |
|--|-------------------------------------|---|

Original O&M cost estimate Click or tap here to enter text. Breakdown attached

Total annual cost by year for review period if available

From	To	Total cost	
Click or tap to enter a date.	Click or tap to enter a date.	Click or tap here to enter text.	<input type="checkbox"/> Breakdown attached
From	To	Total cost	
Click or tap to enter a date.	Click or tap to enter a date.	Click or tap here to enter text.	<input type="checkbox"/> Breakdown attached
From	To	Total cost	
Click or tap to enter a date.	Click or tap to enter a date.	Click or tap here to enter text.	<input type="checkbox"/> Breakdown attached
From	To	Total cost	
Click or tap to enter a date.	Click or tap to enter a date.	Click or tap here to enter text.	<input type="checkbox"/> Breakdown attached
From	To	Total cost	
Click or tap to enter a date.	Click or tap to enter a date.	Click or tap here to enter text.	<input type="checkbox"/> Breakdown attached

3. Unanticipated or Unusually High O&M Costs During Review Period

Describe costs and reasons:

Site Inspection Checklist

Click or tap here to enter text.

V. ACCESS AND INSTITUTIONAL CONTROLS

Applicable

N/A

1. Fencing Damaged

Location shown on site map

Gates secured

N/A

Remarks: Fence and Gates in good condition.

2. Other Access Restrictions

Location shown on site map

Gates secured

Remarks: Signs on fence in place.

3. Institutional Controls (ICs)

A. Implementation and Enforcement

Site conditions imply ICs not properly implemented

Yes

No

N/A

Site conditions imply ICs not being fully enforced

Yes

No

N/A

Type of monitoring (e.g., self-reporting, drive by)

Groundwater

Frequency

Semi-annual/annual

Responsible party/agency

PRP

Contact: Jon Akin, Project Manager, Click or tap to enter a date., P: 317-236-2819

Reporting is up-to-date

Yes

No

N/A

Reports are verified by the lead agency

Yes

No

N/A

Specific requirements in deed or decision documents have been met

Yes

No

N/A

Violations have been reported

Yes

No

N/A

Other problems or suggestions:

Click or tap here to enter text.

B. Adequacy

ICs are adequate

ICs are inadequate

N/A

Remarks: Click or tap here to enter text.

4. General

A. Vandalism/Trespassing

Location shown on site map

No vandalism evident

Remarks: Click or tap here to enter text.

B. Land use changes on site

N/A

Remarks: Click or tap here to enter text.

C. Land use changes off site

N/A

Site Inspection Checklist

Remarks: Click or tap here to enter text.

VI. GENERAL SITE CONDITIONS

- 1. Roads** Applicable N/A
- A. Roads damaged** Location shown on site map Roads adequate N/A
 Remarks: Click or tap here to enter text.
- B. Other Site Conditions**
 Remarks: Click or tap here to enter text.

VII. LANDFILL COVERS

- 1. Landfill Surface** Applicable N/A
- A. Settlement (Low Spots)** Location Shown on Site Map Settlement Not Evident
 Areal Extent: Click or tap here to enter text. Depth: Click or tap here to enter text.
 Remarks: Landfill was covered with a couple inches of snow.
- B. Cracks** Location Shown on Site Map Cracking Not Evident
 Lengths: Click or tap here to enter text. Widths: Click or tap here to enter text. Depths: Click or tap here to enter text.
 Remarks: Click or tap here to enter text.
- C. Erosion** Location Shown on Site Map Erosion Not Evident
 Areal Extent: Click or tap here to enter text. Depth: Click or tap here to enter text.
 Remarks: Click or tap here to enter text.
- D. Holes** Location Shown on Site Map Holes Not Evident
 Areal Extent: Click or tap here to enter text. Depth: Click or tap here to enter text.
 Remarks: Click or tap here to enter text.
- E. Vegetative Cover** Grass Cover Properly Established
 Tress/Shrubs (indicate size and locations on a diagram) No Signs of Stress
 Remarks: Click or tap here to enter text.
- F. Alternative Cover (armored rock, concrete, etc.)** N/A
 Remarks: Click or tap here to enter text.
- G. Bulges** Location Shown on Site Map Bulges Not Evident
 Areal Extent: Click or tap here to enter text. Height: Click or tap here to enter text.
 Remarks: Click or tap here to enter text.

Site Inspection Checklist

<p>H. Wet Areas/Water Damage</p> <p><input type="checkbox"/> Wet Areas <input type="checkbox"/> Location Shown on Site Map</p> <p><input type="checkbox"/> Ponding <input type="checkbox"/> Location Shown on Site Map</p> <p><input type="checkbox"/> Seeps <input type="checkbox"/> Location Shown on Site Map</p> <p><input type="checkbox"/> Soft Subgrade <input type="checkbox"/> Location Shown on Site Map</p> <p>Remarks: Click or tap here to enter text.</p>	<p><input checked="" type="checkbox"/> Wet Areas/Water Damage Not Evident</p> <p>Areal Extent: Click or tap here to enter text.</p> <p>Areal Extent: Click or tap here to enter text.</p> <p>Areal Extent: Click or tap here to enter text.</p> <p>Areal Extent: Click or tap here to enter text.</p>	
<p>I. Slope Instability</p> <p><input type="checkbox"/> Location Shown on Site Map</p> <p><input type="checkbox"/> Slides</p> <p>Remarks: Click or tap here to enter text.</p>	<p><input checked="" type="checkbox"/> Slope Instability Not Evident</p> <p>Areal Extent: Click or tap here to enter text.</p>	
<p>2. Benches</p> <p>(Horizontally constructed mounds of earth placed across a steep landfill side slope to interrupt the slope in order to slow down the velocity of surface runoff and intercept and convey the runoff to a lined channel.)</p>	<p><input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A</p>	
<p>A. Flows Bypass Bench</p> <p><input type="checkbox"/> Location Shown on Site Map</p> <p>Remarks: Click or tap here to enter text.</p>	<p><input type="checkbox"/> N/A or Okay</p>	
<p>B. Bench Breached</p> <p><input type="checkbox"/> Location Shown on Site Map</p> <p>Remarks: Click or tap here to enter text.</p>	<p><input type="checkbox"/> N/A or Okay</p>	
<p>C. Bench Overtopped</p> <p><input type="checkbox"/> Location Shown on Site Map</p> <p>Remarks: Click or tap here to enter text.</p>	<p><input type="checkbox"/> N/A or Okay</p>	
<p>3. Letdown Channels</p> <p>(Channel lined with erosion control mats, riprap, grout bags, or gabions that descend down the steep side slope of the cover and will allow the runoff water collected by the benches to move off of the landfill cover without creating erosion gullies.)</p>	<p><input type="checkbox"/> Applicable <input checked="" type="checkbox"/> N/A</p>	
<p>A. Settlement</p> <p><input type="checkbox"/> Location Shown on Site Map</p> <p>Areal Extent: Click or tap here to enter text.</p> <p>Remarks: Click or tap here to enter text.</p>	<p><input type="checkbox"/> Settlement Not Evident</p> <p>Depth: Click or tap here to enter text.</p>	
<p>B. Material Degradation</p> <p>Material Type: Click or tap here to enter text.</p> <p>Remarks: Click or tap here to enter text.</p>	<p><input type="checkbox"/> Location Shown on Site Map</p> <p><input type="checkbox"/> Degradation Not Evident</p> <p>Areal Extent: Click or tap here to enter text.</p>	

Site Inspection Checklist

C. Erosion	<input type="checkbox"/> Location Shown on Site Map	<input type="checkbox"/> Erosion Not Evident
Areal Extent: Click or tap here to enter text. Depth: Click or tap here to enter text.		
Remarks: Click or tap here to enter text.		
D. Undercutting	<input type="checkbox"/> Location Shown on Site Map	<input type="checkbox"/> Undercutting Not Evident
Areal Extent: Click or tap here to enter text. Depth: Click or tap here to enter text.		
Remarks: Click or tap here to enter text.		
E. Obstructions	<input type="checkbox"/> Location Shown on Site Map	<input type="checkbox"/> Undercutting Not Evident
Type: Click or tap here to enter text.		
Areal Extent: Click or tap here to enter text. Size: Click or tap here to enter text.		
Remarks: Click or tap here to enter text.		
F. Excessive Vegetative Growth	<input type="checkbox"/> Location Shown on Site Map	<input type="checkbox"/> Excessive Growth Not Evident
Areal Extent: Click or tap here to enter text. <input type="checkbox"/> Vegetation in channels does not obstruct flow		
Remarks: Click or tap here to enter text.		
4. Cover Penetrations		
<input checked="" type="checkbox"/> Applicable <input type="checkbox"/> N/A		
A. Gas Vents	<input type="checkbox"/> Active	<input checked="" type="checkbox"/> Passive
<input type="checkbox"/> Properly secured/locked <input checked="" type="checkbox"/> Functioning <input type="checkbox"/> Routinely sampled		
<input checked="" type="checkbox"/> Good condition <input type="checkbox"/> Evidence of leakage at penetration		
<input type="checkbox"/> Needs Maintenance <input type="checkbox"/> N/A		
Remarks: Click or tap here to enter text.		
B. Gas Monitoring Probes		
<input type="checkbox"/> Properly secured/locked <input type="checkbox"/> Functioning <input type="checkbox"/> Routinely sampled		
<input type="checkbox"/> Good condition <input type="checkbox"/> Evidence of leakage at penetration		
<input type="checkbox"/> Needs Maintenance <input type="checkbox"/> N/A		
Remarks: Click or tap here to enter text.		
C. Monitoring Wells		
<input checked="" type="checkbox"/> Properly secured/locked <input checked="" type="checkbox"/> Functioning <input checked="" type="checkbox"/> Routinely sampled		
<input checked="" type="checkbox"/> Good condition <input type="checkbox"/> Evidence of leakage at penetration		
<input type="checkbox"/> Needs Maintenance <input type="checkbox"/> N/A		
Remarks: Click or tap here to enter text.		

Site Inspection Checklist

D. Leachate Extraction Wells		
<input type="checkbox"/> Properly secured/locked	<input checked="" type="checkbox"/> Functioning	<input checked="" type="checkbox"/> Routinely sampled
<input checked="" type="checkbox"/> Good condition	<input type="checkbox"/> Evidence of leakage at penetration	
<input type="checkbox"/> Needs Maintenance	<input type="checkbox"/> N/A	
Remarks: Click or tap here to enter text.		
E. Settlement Monuments		
<input type="checkbox"/> Located	<input type="checkbox"/> Routinely Surveyed	<input checked="" type="checkbox"/> N/A
Remarks: Click or tap here to enter text.		
5. Gas Collection and Treatment		
<input type="checkbox"/> Applicable	<input checked="" type="checkbox"/> N/A	
A. Gas Treatment Facilities		
<input type="checkbox"/> Flaring	<input type="checkbox"/> Thermal Destruction	<input type="checkbox"/> Collection for Reuse
<input type="checkbox"/> Good condition	<input type="checkbox"/> Needs Maintenance	
Remarks: Click or tap here to enter text.		
B. Gas Collection Wells, Manifolds, and Piping		
<input type="checkbox"/> Good condition	<input type="checkbox"/> Needs Maintenance	<input type="checkbox"/> N/A
Remarks: Click or tap here to enter text.		
C. Gas Monitoring Facilities (e.g. gas monitoring of adjacent homes or buildings)		
<input type="checkbox"/> Good condition	<input type="checkbox"/> Needs Maintenance	<input type="checkbox"/> N/A
Remarks: Click or tap here to enter text.		
6. Cover Drainage Layer		
<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> N/A	
A. Outlet Pipes Inspected		
<input checked="" type="checkbox"/> Functioning	<input type="checkbox"/> N/A	
Remarks: Click or tap here to enter text.		
B. Outlet Rock Inspected		
<input checked="" type="checkbox"/> Functioning	<input type="checkbox"/> N/A	
Remarks: Click or tap here to enter text.		
7. Detention/Sediment Ponds		
<input type="checkbox"/> Applicable	<input checked="" type="checkbox"/> N/A	
A. Siltation		
<input type="checkbox"/> Siltation Not Evident	<input type="checkbox"/> N/A	
Areal Extent: Click or tap here to enter text.	Depth: Click or tap here to enter text.	
Remarks: Click or tap here to enter text.		
B. Erosion		
<input type="checkbox"/> Erosion Not Evident		
Areal Extent: Click or tap here to enter text.	Depth: Click or tap here to enter text.	
Remarks: Click or tap here to enter text.		

Site Inspection Checklist

C. Outlet Works	<input type="checkbox"/> Functioning	<input checked="" type="checkbox"/> N/A
Remarks: Click or tap here to enter text.		
D. Dam	<input type="checkbox"/> Functioning	<input checked="" type="checkbox"/> N/A
Remarks: Click or tap here to enter text.		
8. Retaining Walls	<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> N/A
A. Deformations	<input type="checkbox"/> Location Shown on Site Map	<input checked="" type="checkbox"/> Deformation Not Evident
Horizontal Displacement: Click or tap here to enter text.		
Vertical Displacement: Slurry wall and sheet pile		
Rotational Displacement: Click or tap here to enter text.		
Remarks: Click or tap here to enter text.		
B. Degradation	<input type="checkbox"/> Location Shown on Site Map	<input checked="" type="checkbox"/> Deformation Not Evident
Remarks: Click or tap here to enter text.		
9. Perimeter Ditches/Off-Site Discharge	<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> N/A
A. Siltation	<input type="checkbox"/> Location Shown on Site Map	<input checked="" type="checkbox"/> Siltation Not Evident
Areal Extent: Click or tap here to enter text.		Depth: Click or tap here to enter text.
Remarks: Click or tap here to enter text.		
B. Vegetative Growth	<input type="checkbox"/> Location Shown on Site Map	<input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Vegetation Does Not Impede Flow		
Areal Extent: Click or tap here to enter text.		Type: Click or tap here to enter text.
Remarks: Click or tap here to enter text.		
C. Erosion	<input type="checkbox"/> Location Shown on Site Map	<input checked="" type="checkbox"/> Erosion Not Evident
Areal Extent: Click or tap here to enter text.		Depth: Click or tap here to enter text.
Remarks: Click or tap here to enter text.		
D. Discharge Structure	<input type="checkbox"/> Functioning	<input checked="" type="checkbox"/> N/A
Remarks: Discharge is not being utilized at this time due to the idling of the VER system.		
VIII. VERTICAL BARRIER WALLS		
<input checked="" type="checkbox"/> Applicable		<input type="checkbox"/> N/A
1. Settlement	<input type="checkbox"/> Location Shown on Site Map	<input checked="" type="checkbox"/> Settlement Not Evident
Areal Extent: Click or tap here to enter text.		Depth: Click or tap here to enter text.
Remarks: Slurry wall and grout curtain are functioning.		

Site Inspection Checklist

2. Performance Monitoring Type of Monitoring: Inspections		
<input type="checkbox"/> Performance Not Monitored	<input type="checkbox"/> Evidence of Breaching	
Frequency: Semi-annual/annual	Head Differential: Click or tap here to enter text.	
Remarks: Click or tap here to enter text.		
IX. GROUNDWATER/SURFACE WATER REMEDIES		
<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> N/A	
1. Groundwater Extraction Wells, Pumps, and Pipelines	<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> N/A
A. Pumps, Wellhead Plumbing, and Electrical		<input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Good Condition	<input checked="" type="checkbox"/> All Required Wells Properly Operating	<input type="checkbox"/> Needs Maintenance
Remarks: At this time the pumps are not being used due to the VER system being idled		
B. Extraction System Pipelines, Valves, Valve Boxes, and Other Appurtenances		
<input checked="" type="checkbox"/> Good Condition	<input type="checkbox"/> Needs Maintenance	
Remarks: Click or tap here to enter text.		
C. Spare Parts and Equipment		<input type="checkbox"/> Needs to be Provided
<input checked="" type="checkbox"/> Readily Available	<input checked="" type="checkbox"/> Good Condition	<input type="checkbox"/> Requires Upgrade
Remarks: Click or tap here to enter text.		
2. Surface Water Collection Structures, Pumps, and Pipelines	<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> N/A
A. Collection Structures, Pumps, and Electrical		
<input checked="" type="checkbox"/> Good Condition	<input type="checkbox"/> Needs Maintenance	
Remarks: Click or tap here to enter text.		
B. Surface Water Collection System Pipelines, Valves, Valve Boxes, and Other Appurtenances		
<input checked="" type="checkbox"/> Good Condition	<input type="checkbox"/> Needs Maintenance	
Remarks: Click or tap here to enter text.		
C. Spare Parts and Equipment		<input type="checkbox"/> Needs to be Provided
<input checked="" type="checkbox"/> Readily Available	<input type="checkbox"/> Good Condition	<input type="checkbox"/> Requires Upgrade
Remarks: Click or tap here to enter text.		
3. Treatment System	<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> N/A
A. Treatment Train (Check components that apply)		
<input checked="" type="checkbox"/> Metals removal	<input checked="" type="checkbox"/> Oil/Water Separation	<input type="checkbox"/> Bioremediation
<input checked="" type="checkbox"/> Air Stripping	<input checked="" type="checkbox"/> Carbon Absorbers	

Site Inspection Checklist

- Filters Click or tap here to enter text.
- Additive (e.g. chelation agent, flocculent) Click or tap here to enter text.
- Others Click or tap here to enter text.
- Good Condition Needs Maintenance
- Sampling ports properly marked and functional
- Sampling/maintenance log displayed and up to date
- Equipment properly identified
- Quantity of groundwater treated annually Click or tap here to enter text.
- Quantity of surface water treated annually Click or tap here to enter text.

Remarks: At this time treatment is not being performed due to the VER system being idled

B. Electrical Enclosures and Panels (properly rated and functional)

- N/A Good Condition Needs Maintenance

Remarks: Click or tap here to enter text.

C. Tanks, Vaults, Storage Vessels N/A

- Proper Secondary Containment Good Condition Needs Maintenance

Remarks: Click or tap here to enter text.

D. Discharge Structure and Appurtenances

- N/A Good Condition Needs Maintenance

Remarks: Click or tap here to enter text.

E. Treatment Building(s)

- N/A Good condition (esp. roof and doorways)
- Needs repair Chemicals and equipment properly stored

Remarks Click or tap here to enter text.

F. Monitoring Wells (Pump and Treatment Remedy) N/A

- Properly secured/locked Functioning
- Routinely sampled All required wells located
- Good condition Needs Maintenance

Remarks Click or tap here to enter text.

4. Monitoring Data

A. Monitoring Data:

Site Inspection Checklist

Is Routinely Submitted on Time

Is of Acceptable Quality

B. Monitoring Data Suggests:

Groundwater plume is effectively contained

Contaminant concentrations are declining

5. Monitored Natural Attenuation

A. Monitoring Wells (natural attenuation remedy)

N/A

Properly secured/locked

Functioning

Routinely sampled

All required wells located

Needs Maintenance

Good condition

Remarks: Click or tap here to enter text.

X. OTHER REMEDIES

If there are remedies applied at the site which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction.

XI. OVERALL OBSERVATIONS

1. Implementation of the Remedy

Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emission, etc.).

The remedy is functioning as intended.

2. Adequacy of O&M

Describe issues and observations related to the implementation and scope of O&M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.

Click or tap here to enter text.

3. Early Indicators of Potential Remedy Problems

Describe issues and observations such as unexpected changes in the cost or scope of O&M or a high frequency of unscheduled repairs that suggest that the protectiveness of the remedy may be compromised in the future.

Click or tap here to enter text.

4. Early Indicators of Potential Remedy Problems

Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy.

Click or tap here to enter text.

Attachment 6

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): RICHARD KEMPER

Date: 7-1-14

General Observations

Erosion:

(Note presence, location, and severity (Slight, Moderate, Severe) of any erosional features)

NO EROSION PROBLEMS OBSERVED. PRIOR SLIGHT EROSION PROBLEM ON ACCESS LANE FROM WEST HAS HEALED/GRASSED OVER.

Pipe Condition:

(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

EAST END PIPE INLET: PIPE 1/2 FULL OF WATER, UNOBSTRUCTED & FLOWING.
NEXT PIPE WEST: 6" OF WATER IN PIPE @ WETLAND / SLIGHT FLOW. PIPE SLIGHTLY OUT OF GRADE @ WETLAND - ELEVATED SLIGHTLY.
NEXT PIPE WEST: NORTH END OF PIPE @ DITCH 1/3 FULL OF WATER & UNOBSTRUCTED.
WEST PIPE: 3-4" OF WATER IN PIPE @ WETLAND - FLOWING NORTH TO OPEN DITCH. PIPE 1/2 FULL OF WATER @ OPEN DITCH - UNOBSTRUCTED.
WEST PIPE: @ WETLAND I.E. OF PIPE SEVERELY OUT OF GRADE - ELEVATED. I.E. OF PIPE 0.90' ABOVE WATER LEVEL. PIPE UNOBSTRUCTED @ OPEN DITCH.

Vegetation:

General condition of vegetation (need for replacement, storm, insect or other damage):

GOOD CONDITION FOR ENTIRE BASIN / SIDE SLOPE AREA. WOODY VEGETATION / MULBERRY TREES BEGINNING TO GROW OVER PIPES OBSTRUCTING FOOT ACCESS.

Signs of plant stress (wilting, disease, infestation, etc.):

NO SIGNS OF PLANT STRESS.

RECENT RAIN HAS BEEN AVERAGE TO LIGHT.

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): *RICHARD KEMPER*

Date: *11-21-14*

General Observations

Erosion:

(Note presence, location, and severity (Slight, Moderate, Severe) of any erosional features)

NO EROSION OBSERVED.

Pipe Condition:

(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

EAST PIPE @ WETLAND: 12" OF WATER - NO FLOW ICED OVER.

*NEXT PIPE WEST: @ WETLAND WATER @ I.E. / MINOR DEBRIS IN PIPE.
@ CO DITCH 1/2 FULL OF WATER*

NEXT PIPE WEST: @ WETLAND 4" OF WATER / 12" WATER @ CO DITCH

*WEST PIPE: WATER LEVEL IN WETLAND 1'4" BELOW INVERT OF
SKINNED PIPE.*

Vegetation:

General condition of vegetation (need for replacement, storm, insect or other damage):

LEAF OFF CONDITIONS

Signs of plant stress (wilting, disease, infestation, etc.):

NO SIGNS

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): Michael Kissinger
Kosciusko County Surveyor

Date: 9/17/2015

General Observations

Erosion: None visible

(Note presence, location, and severity (Slight, Moderate, Severe) of any erosional features)

Pipe Condition: Good, no blockage observed

(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

Vegetation: Vegetation appears to be thriving and mostly as designed

General condition of vegetation (need for replacement, storm, insect or other damage):

Signs of plant stress (wilting, disease, infestation, etc.): None observed

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): Michael Kissinger
Kosciusko County Surveyor

Date: May 25th, 2016

General Observations

Erosion: None visible

(Note presence, location, and severity (Slight, Moderate, Severe) of any erosional features)

Pipe Condition: Good, no blockage observed. Note: Most westerly 36" pipe is approx. 18-24" higher than the other four pipes on the wetland side (south side). Does not appear to have any adverse effect on the wetland water level or condition.

Vegetation: Vegetation appears to be thriving and mostly as designed
General condition of vegetation (need for replacement, storm, insect or other damage):

Signs of plant stress (wilting, disease, infestation, etc.): None observed

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): MICHAEL KISSINGER
KOSCIUSKO COUNTY SURVEYOR

Date: 10/13/16

General Observations

Erosion:

(Note presence, location, and severity (Slight, Moderate, Severe) of any erosional features)

NONE

Pipe Condition:

(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

~~PIPES~~ PHYSICAL
PIPES APPEAR TO BE IN GOOD CONDITION

Vegetation:

General condition of vegetation (need for replacement, storm, insect or other damage):

EXCELLENT

Signs of plant stress (wilting, disease, infestation, etc.):

NONE

NOTE: THE TOP OF A LARGE TREE FELL (UPROOTED) ~~FELL~~
INTO THE NORTH SIDE OF THE WETLAND. NO ADVERSE
AFFECT ON THE WETLAND BUT IT DOES LIMIT
ACCESS FOR INSPECTIONS. SURVEYOR'S OFFICE WILL
LOOK INTO REMOVING IT AS IT IS ON A COUNTY
REGULATED DRAIN (SLOAN-ADAMS).

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): Michael Kissinger
Kosciusko County Surveyor

Date: 5/10/2017

GENERAL OBSERVATIONS-

Erosion:

[Note presence, location, and severity (slight, moderate, severe) of any erosional features]

NONE

Pipe Erosion

(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

PIPES APPEAR TO BE IN GOOD PHYSICAL SHAPE. NO CHANGE NOTED FROM LAST INSPECTION.

Vegetation

[General condition of vegetation (need for replacement, storm, insect or other damage)]

EXCELLENT

Signs of Plant Stress

(wilting, disease, infestation, etc.)

NONE

A handwritten signature in black ink, reading "Michael Kissinger", is written diagonally across the bottom right portion of the page.

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): Michael Kissinger
Kosciusko County Surveyor

Date: September 29, 2017

General Observations

Erosion: None visible

(Note presence, location, and severity (Slight, Moderate, Severe) of any erosional features)

Pipe Condition: Good, no blockage observed. Note: Most westerly 36" pipe is approx. 18-24" higher than the other four pipes on the wetland side (south side). Does not appear to have any adverse effect on the wetland water level or condition.
(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

Vegetation: Vegetation appears to be thriving

General condition of vegetation (need for replacement, storm, insect or other damage):

Signs of plant stress (wilting, disease, infestation, etc.): None observed

NOTE: Approx. 3 trees have fallen from the south bank of the adjacent open drain which limits the access around the wetland area BUT does not appear to be adversely affecting the wetland.

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigators(s): Michael Kissinger
Kosciusko County Surveyor

Date: 05/23/2018

General Observations

Erosion:

(Note presence, location, and severity (Slight, Moderate, Severe) of any erosional features)

None

Pipe Condition:

(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

Pipes appear to be in good physical shape. No change noted from last inspection.

Vegetation:

General condition of vegetation (need for replacement, storm, insect or other damage):

Excellent

Signs of plant stress (wilting, disease, infestation, etc):

None

Note: Adjoining landowner keeps a path mowed around the perimeter of the wetland for inspection which is appreciated.

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): Michael Kissinger
Kosciusko County Surveyor

Date: 10/9/2018

GENERAL OBSERVATIONS-

Erosion:

[Note presence, location, and severity (slight, moderate, severe) of any erosional features]

NONE

Pipe Erosion

(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

PIPES APPEAR TO BE IN GOOD PHYSICAL SHAPE. NO CHANGE NOTED FROM LAST INSPECTION.

Vegetation

[General condition of vegetation (need for replacement, storm, insect or other damage)]

EXCELLENT

Signs of Plant Stress

(wilting, disease, infestation, etc.)

NONE

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): Michael Kissinger
Kosciusko County Surveyor

Date: 5/15/2019

GENERAL OBSERVATIONS-

Erosion:

[Note presence, location, and severity (slight, moderate, severe) of any erosional features]

NONE

Pipe Erosion

(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

PIPES APPEAR TO BE IN GOOD PHYSICAL SHAPE. NO CHANGE NOTED FROM LAST INSPECTION.

Vegetation

[General condition of vegetation (need for replacement, storm, insect or other damage)]

EXCELLENT

Signs of Plant Stress

(wilting, disease, infestation, etc.)

NONE

Note large tree that fell across adjoining path used for inspections has been cleared. Access for me is much easier.

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): Michael Kissinger
Kosciusko County Surveyor

Date: 11/07/2019

GENERAL OBSERVATIONS-

Erosion:

[Note presence, location, and severity (slight, moderate, severe) of any erosional features]

NONE

Pipe Erosion

(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

PIPES APPEAR TO BE IN GOOD PHYSICAL SHAPE. NO CHANGE NOTED FROM LAST INSPECTION.

Vegetation

[General condition of vegetation (need for replacement, storm, insect or other damage)]

EXCELLENT

Signs of Plant Stress

(wilting, disease, infestation, etc.)

NONE

NOTE: This wetland area seems to be well established and void of any negative impacts. That has been the case for some time per our office's systematic inspections. With the virtual unchanged status of this area for a substantial period of time does not appear to justify the time and money spent by governmental & private entities to continuously monitor the unchanging status. A well established textbook quality wetland was constructed and is now stable. I believe further monitoring is no longer warranted. Perhaps that could be considered in good faith by those in authority.

Michael Kissinger

WETLAND MITIGATION AREA INSPECTION CHECKLIST
Lakeland Disposal Landfill, Claypool, IN

Investigator(s): Michael Kissinger
Kosciusko County Surveyor

Date: 4/30/2020

GENERAL OBSERVATIONS-

Erosion:

[Note presence, location, and severity (slight, moderate, severe) of any erosional features]

NONE

Pipe Erosion

(Note any accumulation of debris in culverts, actions taken to remove and maintain flow)

PIPES APPEAR TO BE IN GOOD PHYSICAL SHAPE. NO CHANGE NOTED FROM LAST INSPECTION.

Vegetation

[General condition of vegetation (need for replacement, storm, insect or other damage)]

EXCELLENT

Signs of Plant Stress

(wilting, disease, infestation, etc.)

NONE

Note Beaver activity was seen along the banks of the adjoining county regulated drain (chewed trees). This will require attention from the County Surveyor's Office to assure proper drainage within the ditch. No obvious signs of beaver activity in wetland area. Outlet pipes look clear.

Attachment 7

Trump Directed Ukraine Quid Pro Quo, Key Witness Says

WASHINGTON (AP) — Ambassador Gordon Sondland declared to impeachment investigators Wednesday that President Donald Trump and his lawyer Rudy Giuliani explicitly sought a "quid pro quo" with Ukraine, leveraging an Oval Office visit for political investigations of Democrats. But he also came to believe the trade involved much more.

Besides the U.S. offer of a coveted meeting at the White House, Sondland testified it was his understanding the president was holding up nearly \$400 million in military aid, which Ukraine badly need with an aggressive Russia on its border, in exchange for the country's announcement of the investigations.

Sondland conceded that Trump never told him directly the security assistance was blocked for the probes, a gap in his account that Republicans and the White House seized on as evidence the president did nothing wrong. But the ambassador said his dealings with Giuliani, as well as administration officials, left him with the clear understanding of what was at stake.

"Was there a 'quid pro quo?'" Sondland testified in opening remarks. "With regard to the requested White House call and White House meeting, the answer is yes."

The rest, he said, was obvious: "Two plus two equals four."

Sondland, the ambassador to the European Union and a major donor to Trump's inauguration, was the most highly anticipated witness in the House's impeachment inquiry into the 45th president of the United States.

In often-stunning testimony, he painted a picture of a Ukraine pressure campaign that was prompted by



Photo by Associated Press

Ambassador Gordon Sondland, U.S. Ambassador to the European Union, arrives to testify before the House Intelligence Committee on Capitol Hill in Washington Wednesday during a public impeachment hearing of President Donald Trump's efforts to tie U.S. aid for Ukraine to investigations of his political opponents.

Trump himself, orchestrated by Giuliani and well-known to other senior officials, including Secretary of State Mike Pompeo. Sondland said he raised his concerns about a quid pro quo for military aid with Vice President Mike Pence — a conversation a Pence adviser vigorously denied. Pompeo also dismissed Sondland's account.

However, Sondland said, "Everyone was in the loop. It was no secret."

The ambassador said that he and Trump spoke directly about desired investigations, including a colorful cellphone call this summer overheard by others at a restaurant in Kyiv.

Trump himself insists daily that he did nothing wrong and the Democrats are just trying to drum him out of office.

As the hearing proceeded, he spoke to reporters outside the White House. Reading from notes written with a black marker, Trump

quoted Sondland quoting Trump to say the president wanted nothing from the Ukrainians and did not seek a quid pro quo.

"I want nothing, I want nothing," insisted the president, who often exhorts Americans to "read the transcript" of a July phone call in which he appealed to Ukraine's leader for "a favor" — the investigations.

He also distanced himself from his hand-picked ambassador, saying he didn't know him "very well." A month ago, he called Sondland "a really good man and a great American."

The impeachment inquiry focuses significantly on allegations that Trump sought investigations of former Vice President Joe Biden and his son — and the discredited idea that Ukraine rather than Russia interfered in the 2016 U.S. election — in return for the badly needed military aid for Ukraine and the White House visit.

In Moscow on Wednesday, Russian President Vladimir Putin said he was pleased that the "political battles" in Washington had overtaken the Russia allegations, which are supported by the U.S. intelligence agencies.

"Thank God," Putin said, "no one is accusing us of interfering in the U.S. elections anymore. Now they're accusing Ukraine."

Sondland said that conditions on any potential Ukraine meeting at the White House started as "generic" but more items were "added to the menu including — Burisma and 2016 election meddling." Burisma is the Ukrainian gas company where Biden's son Hunter served on the board. And, he added, "the server," the hacked Democratic computer system.

During questioning in the daylong session, Sondland said he didn't know at the time that

Burisma was linked to the Bidens but today knows "exactly what it means." He and other diplomats didn't want to work with Giuliani. But he and the others understood that Giuliani "was expressing the desires of the president of the United States, and we knew that these investigations were important to the president."

He also came to understand that the military aid hinged on the investigations, though Trump never told him so directly.

Sondland, a wealthy hotelier, has emerged as a central figure in an intense week in the probe that is featuring nine witnesses testifying over three days.

The envoy appeared prepared to fend off scrutiny over the way his testimony has shifted in closed-door settings, saying "my memory has not been perfect." He said the State Department left him without access to emails, call records and other documents he needed in the inquiry. Republicans called his account "the tri-fecta of unreliability."

Still, he did produce new emails and text messages to bolster his assertion that others in the administration were aware of the investigations he was pursuing for Trump from Ukraine.

Sondland insisted, twice, that he was "adamantly opposed to any suspension of aid" for Ukraine. "I followed the directions of the president."

The son of immigrants who he said escaped Europe during the Holocaust, Sondland described himself as a "lifelong Republican" who has worked with officials from both parties, including Biden.

Dubbed one of the "three amigos" pursuing Ukraine policy, Sondland disputed that they were running some sort of "rogue" operation outside official U.S. pol-

icy. He produced emails and texts showing he, former special envoy Kurt Volker and Energy Secretary Rick Perry kept Pompeo and others apprised of their activity. One message from Volker said, "Spoke w Rudy per guidance from S." He said, "S means the secretary of state."

Democratic Intelligence Committee Chairman Adam Schiff of California said, "The knowledge of this scheme was far and wide."

Schiff warned Pompeo and other administration officials who are refusing to turn over documents and testimony to the committee "they do so at their own peril." He said obstruction of Congress was included in articles of impeachment during Watergate.

The top Republican on the committee, Devin Nunes of California, decried the inquiry and told the ambassador, "Mr. Sondland, you are here to be smeared."

Nunes renewed his demand to hear from the still-anonymous whistleblower whose complaint about Trump's July 25 phone call with Ukraine President Volodymyr Zelenskiy led the House to open the impeachment inquiry.

Sondland's hours of testimony didn't appear to sway Trump's GOP allies in the Senate, who would ultimately be jurors in an impeachment trial.

Mike Braun of Indiana said the president's actions "may not be appropriate, but this is the question: Does it rise to the level of impeachment? And it's a totally different issue and none of this has."

"I'm pretty certain that's what most of my cohorts in the Senate are thinking and I know that's what Hoosiers are thinking — and most of middle America."

Mother Took Daughter From Care Facility

ST. LOUIS (AP) — An elderly woman who feared she was developing dementia removed her mentally dis-

abled adult daughter from a care facility, then fatally stabbed her in a suburban St. Louis hotel before attempting

to kill herself, police and relatives say.

Marjorie Theleman, 78, was charged Tuesday with first-degree murder and armed criminal action in the death of her 51-year-old daughter, Sharon Theleman, after police were summoned to a hotel in Fenton, Missouri, because the pair had not checked out.

Sharon Theleman was pronounced dead at the scene. Her mother, who attempted to suffocate herself with a plastic bag, remained hospitalized Wednesday, according to a police news release. She left a typed note explaining her actions and a handwritten note telling housekeeping to call police, a police detective wrote in the probable cause statement.

Police said she was expected to survive. But one of her two sons, Scott Theleman, who lives in the Dallas area, said he has been told his mother is in a coma and has a "50-50 chance of surviving." He said his mother lived in a retirement community and wanted to have his sister moved there from a group home because his sister's mobility was declining.

"She was concerned about Alzheimer's," he said of his mother. "Her mother had it. She had spent many years trying to avoid it but felt she was heading that way."

"From what I understand, the note I haven't seen said she was doing this as a favor to her sons, so we didn't have to carry the burden of a handicapped sister and declining mother," he said. "I don't approve of that at all but that's apparently what the note said."

Scott Theleman didn't say how he knew the contents of the note and police declined to comment.

Court records show that Marjorie Theleman was appointed in 1989 as a guardian for her then-21-year-old daughter, who was described as an "incapacitated person."



EPA Reviewing Lakeland Disposal Landfill Superfund Site Claypool, Indiana

U.S. Environmental Protection Agency, in consultation with Indiana Department of Environmental Management is conducting a five-year review of the Lakeland Disposal Landfill Superfund site located near Claypool in Kosciusko County, Indiana, to ensure the cleanup continues to protect people and the environment. The Superfund law requires reviews at least every five years at sites where the cleanup is complete, but waste remains managed on-site.

Beginning in 1974, general refuse and hazardous wastes, including cyanide and sludges containing paint, hydroxides of aluminum and heavy metals, were disposed of at the site. In 1978, Kosciusko County Circuit Court ordered the landfill closed due to improper operations. Following cleanup, operation and maintenance activities are ongoing.

EPA's cleanup of contamination at the landfill consisted of capping the landfill, a pump-and-treat system for ground water, long-term monitoring and limits on use of the site and access to the site. The review found that the cleanup continues to protect people and the environment. This is the fourth five-year review for this site.

Information on the Lakeland Disposal Landfill Superfund site can be found at the Kosciusko County Health Department, 100 W. Center Street, 3rd Floor, Room 2, Warsaw, IN and at <http://www.epa.gov/superfund/lakeland-disposal>.

EPA encourages public comment. You may also communicate your questions or concerns by telephone or e-mail. If you have questions or need more information, contact:

<p>Scott Hansen Remedial Project Manager Superfund Division (SR-6J) EPA Region 5 77 W. Jackson Blvd. Chicago, IL 60604 312-886-1999 hansen.scott@epa.gov</p>	<p>Janet Pope Community Involvement Coordinator Office of External Communication (RE-6J) EPA Region 5 77 W. Jackson Blvd. Chicago, IL 60604 312-353-0628 pope.janet@epa.gov</p>
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Or call toll-free, 800-621-8431, weekdays, 8:30 a.m. to 4:30 p.m.



November 28, 2019
from 11:00 am to 3:00 pm
Reservations Strongly Suggested
Adults: \$26.95 • Children 12 and under: \$8.95

SALADS

Spinach & Mandarin Orange Salad
Avocado & Tomato Salad • Thanksgiving Slaw
House Salad w/ house made Italian Vinaigrette

APPETIZERS

Shrimp Cocktail • Spinach & Artichoke Dip
Guacamole & Salsa • BBQ Meatballs
Assorted Cheeses, Fresh fruits and breads

CARVING STATION

Roasted Tom Turkey • Prime Rib

ENTREES

Baked Lemon Pepper Cod • Turkey Pot Pie

PASTA STATION

Three Cheese Ravioli
Angel Hair Pasta with Grilled Vegetables

SIDES

Stuffing • Mashed Potatoes & Gravy • Street Corn
Cranberry Relish • Green Bean Casserole

DESSERTS

Pumpkin Pie • Assorted Fruit Pies • Lemon Cake
Brownies, Cookies, Pumpkin Rolls and more

KIDS STATION

Chicken Tenders • Mini Pretzel Franks
Mac & Cheese • Mini Cheese Pizza • French Fries
Coffee, Tea, Soda and Hot Spiced Cider



WYNDHAM
GARDEN HOTELS
Warsaw

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Attachment 8

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMDW-4 03/09/95	GMDW-6 03/02/95	GMMW-3 03/01/95	GMMW-3 12/18/02	GMMW-3 06/18/03	GMMW-3 12/10/03	GMMW-3 06/16/04	GMMW-3 12/15/04	GMMW-3 06/22/05	GMMW-3 03/29/06	GMMW-3 03/21/07	GMMW-3 03/14/08
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
1,1,2,2-Tetrachloroethane	--	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
1,1-Dichloroethane	--	ug/L	<5.0	<5.0	54	7.1 [6.8]	7.2 J [5.0 J]	5.6	32	5.2	26	4.9	9.8	18 [19]
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
1,2-Dichloroethene (total)	170	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	1.8 [0.88 J]	15	210	19	120	10	11	17 [17]
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
2-Butanone	--	ug/L	<25	<25	<25	<5.0 [<5.0]	<5.0 [<5.0 J]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 [<5.0]
2-Hexanone	--	ug/L	<25	<25	<25	<5.0 [<5.0]	R [R]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 [<5.0]
4-Methyl-2-pentanone	--	ug/L	<25	<25	<25	<5.0 [<5.0]	R [R]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 [<5.0]
Acetone	--	ug/L	<25	<25	<25	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	32	8.2	<54 J	29	93	78 J [84 J]
Benzene	5	ug/L	<5.0	<5.0	6.6	1.2 [1.3]	0.78 [0.68]	0.55 J	4.2	<1.0	2.9	<1.0	<1.0	<1.0 [<1.0]
Bromodichloromethane	--	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Bromoform	--	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Bromomethane	--	ug/L	<10	<10	<10	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 J	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0 J [<1.0 J]
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0 [<5.0]
Carbon Tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Chloroethane	--	ug/L	<10	<10	57	15 [15]	19 J [12 J]	8.3	45	10	38	6.7	11	12 [12]
Chloroform	--	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Chloromethane	--	ug/L	<10	<10	<10	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
cis-1,3-Dichloropropene	--	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Dibromochloromethane	--	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Methylene Chloride	--	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<3.8	<1.7	3.4	<1.0	<1.0	<2.0 [<2.0]
Styrene	100	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Toluene	1,000	ug/L	<5.0	<5.0	52	3.8 [4.3]	3.3 J [1.3 J]	0.96 J	32	<1.0	13	<1.0	<1.0	1.0 [1.1]
trans-1,3-Dichloropropene	--	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]
Trichloroethene	5	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	4.9	<1.0	3.6	0.51 J	<1.0	1.2 [1.2]
Vinyl Chloride	2	ug/L	<10	<10	<10	15 [15]	94 J [48 J]	15	170	19	92	8.8	14	19 [22]
Xylenes (total)	10,000	ug/L	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0 [<2.0]
Total VOCs	--	ug/L	ND	ND	170	42 [42]	130 J [68 J]	45 J	530	61	300	60 J	140	150 J [160 J]

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
 <

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-3 03/04/09	GMMW-3 03/31/10	GMMW-3 03/29/11	GMMW-3 04/06/11	GMMW-3 03/21/12	GMMW-3 03/19/13	GMMW-3 09/29/14	GMMW-3 03/28/19	GMMW-4 03/01/95	GMMW-4 12/19/02	GMMW-4 06/18/03
Volatile Organics													
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.20	<1.0	<1.0	<500	<1.0	<100 [<50]
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.23	<1.0	<1.0	<500	<1.0	<100 [<50]
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.28	<1.0	<1.0	<500	0.53 J	<100 [<50]
1,1-Dichloroethane	--	ug/L	27	15	3.7 [4.6]	6.3 [6.9]	26 [26]	18	27	13	<500	0.40 J	<100 [26]
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.31	<1.0	<1.0	<500	19	<100 [<50]
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.28	<1.0	<1.0	<500	<1.0	<100 [<50]
1,2-Dichloroethene (total)	170	ug/L	10	6.9	1.6 J [2.0]	2.2 [2.3]	7.0 [6.9]	6.5	7.2	6.0	860	3,100	3,000 [2,500]
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.20	<1.0	<1.0	<500	<1.0	<100 [<50]
2-Butanone	--	ug/L	<5.0	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	6.0 [6.1]	<1.5	15	<5.0	<500	8.4	<100 [<250]
2-Hexanone	--	ug/L	<5.0 J	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0 [<5.0]	<0.56	<5.0	<5.0	<2,500	<5.0	R [R]
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0 [<5.0]	<0.33	<5.0	<5.0	<2,500	<5.0	R [R]
Acetone	--	ug/L	42	26	<5.0 [<5.0]	59 J [88 J]	160 [150]	57	160	33	<2,500	<5.0	<500 [<250]
Benzene	5	ug/L	<1.0	0.82 J	0.57 [0.66]	0.60 [0.64]	0.63 [0.62]	0.59	0.96	1.0	<500	<1.0	<100 [<50]
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.17	<1.0	<1.0	<500	<1.0	<100 [<50]
Bromoform	--	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.28 J	<1.0	<1.0	<500	<1.0	<100 [<50]
Bromomethane	--	ug/L	<1.0 J	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.31	<1.0	<3.0	<1,000	<1.0	<500 [<50]
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0 [<5.0]	<0.43	<5.0	<2.0	<500	<5.0	<100 [<250]
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.26	<1.0	<1.0	<500	<1.0	<100 [<50]
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.14	<1.0	<1.0	<500	<1.0	<100 [<50]
Chloroethane	--	ug/L	16	21	12 [13]	17 [18]	66 [66]	23	40	41	<1,000	<1.0	<500 [<50]
Chloroform	--	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.20	<1.0	<2.0	<500	<1.0	<100 [<50]
Chloromethane	--	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.18	<1.0	<1.0	<1,000	<1.0	<500 [<50]
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.18	<1.0	<1.0	<500	<1.0	<100 [<50]
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.32	<1.0	<1.0	<500	<1.0	<100 [<50]
Ethylbenzene	700	ug/L	<1.0	<1.0	<0.50 [<0.50]	<0.50 [<0.50]	<0.50 [<0.50]	<0.13	<0.50	<0.50	<500	<1.0	<100 [<50]
Methylene Chloride	--	ug/L	<2.0	<2.0	<2.0 [<2.0]	<2.0 [<2.0]	<5.0 [<5.0]	<0.68	<5.0	<5.0	<500	<1.0	<100 [<50]
Styrene	100	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.10	<1.0	<1.0	<500	<1.0	<100 [<50]
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.17	<1.0	<1.0	<500	<1.0	<100 [<50]
Toluene	1,000	ug/L	<1.0	<1.0	<0.50 [<0.50]	<0.50 B [<0.50 B]	2.1 [2.2]	0.44 J	4.3	2.3	<500	3.7	<100 [<50]
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.21	<1.0	<1.0	<500	<1.0	<100 [<50]
Trichloroethene	5	ug/L	0.92 J	0.55 J	<0.50 [0.33 J]	0.44 J [0.38 J]	0.82 [0.80]	0.67	0.78	<0.50	22,000	6,500	6,000 [5,300]
Vinyl Chloride	2	ug/L	13	16	2.9 J [3.4 J]	9.2 [9.2]	15 [16]	24	34	22	<1,000	89	52 [57]
Xylenes (total)	10,000	ug/L	<2.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<0.068	<1.0	<1.0	<500	<1.0	<100 [<50]
Total VOCs	--	ug/L	110 J	86 J	21 J [24 J]	95 J [130 J]	280 [280]	130 J	290	120	23,000	9,700 J	9,100 [7,900]

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-4 12/10/03	GMMW-4 06/17/04	GMMW-4 12/16/04	GMMW-4 06/22/05	GMMW-4 03/29/06	GMMW-4 03/21/07	GMMW-4 03/14/08	GMMW-4 03/04/09	GMMW-4 03/31/10	GMMW-4 03/30/11
Volatile Organics												
1,1,1-Trichloroethane	200	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
1,1,2,2-Tetrachloroethane	--	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
1,1,2-Trichloroethane	5	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
1,1-Dichloroethane	--	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
1,1-Dichloroethene	7	ug/L	11 J [19 J]	13 [10]	5.6 [5.8]	4.4 J [4.4 J]	6.7 J [7.1 J]	4.2	4.4 J	<10	2.0 J	2.1 J [2.6 J]
1,2-Dichloroethane	5	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
1,2-Dichloroethene (total)	170	ug/L	2,200 J [2,100 J]	1,300 [1,300]	940 [930]	490 [430 J]	790 [820]	400	430	460	190	190 [210]
1,2-Dichloropropane	5	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
2-Butanone	--	ug/L	<50 [<50]	<50 [<50]	<5.0 [<5.0]	<25 [<25]	<50 [<50]	<5.0	<25	<50	<25	<25 [<25]
2-Hexanone	--	ug/L	<50 [<50]	<50 [<50]	<5.0 [<5.0]	<25 [<25]	<50 [<50]	<5.0	<25 J	<50 J	<25	<25 [<25]
4-Methyl-2-pentanone	--	ug/L	<50 [<50]	<50 [<50]	<5.0 [<5.0]	<25 [<25]	<50 [<50]	<5.0	<25	<50	<25	<25 [<25]
Acetone	--	ug/L	<50 [<50]	<50 [<50]	<5.0 [<5.0]	R [R]	<50 [<50]	<5.0	R	<50	<25	<25 [<25]
Benzene	5	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<2.5 [<2.5]
Bromodichloromethane	--	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Bromoform	--	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Bromomethane	--	ug/L	R [R]	<10 [<10]	<1.0 J [<1.0 J]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10 J	<5.0	<5.0 [<5.0]
Carbon Disulfide	--	ug/L	<50 [<50]	<50 [<50]	<5.0 J [<5.0 J]	<25 [<25]	<50 [<50]	<5.0	<25	<50	<25	<25 [<25]
Carbon Tetrachloride	5	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Chlorobenzene	100	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Chloroethane	--	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Chloroform	--	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Chloromethane	--	ug/L	R [R]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
cis-1,3-Dichloropropene	--	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Dibromochloromethane	--	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Ethylbenzene	700	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<2.5 [<2.5]
Methylene Chloride	--	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<10	<20	<10	<10 [<10]
Styrene	100	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Tetrachloroethene	5	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Toluene	1,000	ug/L	7.7 J [7.8 J]	<10 [<10]	4.3 [4.9]	<25 [<25]	<10 [<10]	<1.0	<5.0	<10	<5.0	<2.5 [<2.5]
trans-1,3-Dichloropropene	--	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<1.0	<5.0	<10	<5.0	<5.0 [<5.0]
Trichloroethene	5	ug/L	5,500 J [5,300 J]	3,300 [3,300]	1,800 [2,000]	1,500 J [1,000 J]	3,000 [2,900]	2,600	1,400	2,000	1,800	2,100 [2,200]
Vinyl Chloride	2	ug/L	340 J [320]	280 [300]	580 [550]	170 [200]	390 [360]	84	47	150	22	46 J [48 J]
Xylenes (total)	10,000	ug/L	<10 [<10]	<10 [<10]	<1.0 [<1.0]	<5.0 [<5.0]	<10 [<10]	<2.0	<10	<20	<5.0	<5.0 [<5.0]
Total VOCs	--	ug/L	8,100 J [7,800 J]	4,900 [4,900]	3,300 [3,500]	2,200 J [1,600 J]	200 J [4,100]	3,100	1,900 J	2,600	2,000 J	2,300 J [2,500 J]

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-4 03/20/12	GMMW-4 03/20/13	GMMW-4 09/30/14	GMMW-4 03/28/19	GMMW-5 03/07/95	GMMW-5 12/17/02	GMMW-5 06/18/03	GMMW-5 12/09/03	GMMW-5 06/16/04	GMMW-5 12/15/04	GMMW-5 06/22/05	GMMW-5 03/29/06	GMMW-5 03/20/07
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<2.0 [<2.0]	<0.20 J	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<2.0 [<2.0]	<0.19 J	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	1.8 J [1.7 J]	2.3 J	1.9 J	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	150 [160]	120 J	180	160	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<10 [<10]	R	<10	<5.0	<25	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<10 [<10]	R	<10	<5.0	<25	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<10 [<10]	<0.33 J	<10	<5.0	<25	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<10 [<10]	<1.3 J	<10	<10	<25	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0
Benzene	5	ug/L	<1.0 [<1.0]	R	<1.0	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<2.0 [<2.0]	<0.31 J	<2.0	<3.0	<10	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<10 [<10]	<0.43 J	<10	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<2.0 [<2.0]	<0.34 J	<2.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<2.0 [<2.0]	<0.20 J	<2.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<2.0 [<2.0]	<0.18 J	<2.0	<1.0	<10	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0 [<1.0]	R	<1.0	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<10 [<10]	<0.68 J	<10	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0 [<1.0]	0.41 J	<1.0	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	1,400 [1,400]	1,200 J	1,100	1,100 D	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	28 [31]	65 J	35	30	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<2.0 [<2.0]	R	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
Total VOCs	--	ug/L	600 J [1,600]	1,400 J	1,300 J	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-5 03/13/08	GMMW-5 03/03/09	GMMW-5 03/30/10	GMMW-5 04/06/11	GMMW-5 03/21/12	GMMW-5 03/20/13	GMMW-5 09/30/14	GMMW-5 03/28/19	GMMW-6 03/02/95	GMMW-6 12/18/02	GMMW-6 03/26/03	GMMW-6 06/17/03	GMMW-6 09/24/03
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	0.67 J	<0.19	<1.0	<1.0	7.4	1.5	1.2 [1.2]	1.3	1.6
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<1.0	0.76 J	2.5	0.81 J	1.2 J	2.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
2-Butanone	--	ug/L	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<1.5	<5.0	<5.0	<25	4.5 J	<5.0 [<5.0]	<5.0 J	R
2-Hexanone	--	ug/L	<5.0 J	<5.0	<5.0	<5.0	<5.0	<0.56	<5.0	<5.0	<25	<5.0	<5.0 [<5.0]	R	R
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<0.33	<5.0	<5.0	<25	<5.0	<5.0 [<5.0 J]	R	R
Acetone	--	ug/L	<5.0	<5.0 J	<5.0	<5.0	<5.0	<1.3	<5.0	<10 J	<25	<5.0	<5.0 [<5.0]	<5.0	R
Benzene	5	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.074	<0.50	<0.50	<5.0	0.68 J	1.0 [0.96 J]	1.3	2.1
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28 J	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<3.0 J	<10	<1.0	<1.0 [<1.0]	<1.0	<1.0 J
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<0.43	<5.0	<2.0	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.26	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.14	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.34	<1.0	<1.0	<10	8.0	18 J [21]	6.6	21
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<2.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<10	<1.0	<1.0 [<1.0]	<1.0	<1.0 J
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.32	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.13	<0.50	<0.50	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Methylene Chloride	--	ug/L	<2.0	<2.0	<1.0	<2.0	<5.0	<0.68	<5.0	<5.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<0.50	<0.11	<0.50	<0.50	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.19	<0.50	<0.50	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.10	<0.50	<1.0	<10	<1.0	<1.0 [<1.0]	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<2.0	<2.0	<1.0	<1.0	<1.0	<0.068	<1.0	<1.0	<5.0	<1.0	<1.0 [<1.0]	<1.0	<1.0
Total VOCs	--	ug/L	ND	ND	ND	0.76 J	3.2 J	0.81 J	1.2 J	2.0	7.4	15 J	20 J [26 J]	9.2	25

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 12/09/03	GMMW-6 03/16/04	GMMW-6 06/16/04	GMMW-6 09/14/04	GMMW-6 12/14/04	GMMW-6 03/30/05	GMMW-6 06/22/05	GMMW-6 09/13/05	GMMW-6 03/29/06	GMMW-6 09/21/06	GMMW-6 03/20/07	GMMW-6 09/12/07	GMMW-6 03/13/08
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	1.1	0.61 J	<1.0	0.65 J	1.0	0.68 J	1.4	<1.0	0.79 J	1.1	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0 J
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0 J
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0
Acetone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0
Benzene	5	ug/L	0.55 J	<1.0	1.4	2.4	1.1	0.77 J	1.1	1.0	0.70 J	1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0 J	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	23	6.1	4.0	4.6	26	5.0	83	61	15	40 J	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.8 JB	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	0.80 J	<1.0	<1.0	<1.0	<1.2	<1.0	2.8	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs	--	ug/L	26 J	6.7 J	5.4	7.7 J	29	6.5 J	88	64	17 J	42 J	ND	ND	ND

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 09/24/08	GMMW-6 03/03/09	GMMW-6 09/28/09	GMMW-6 03/30/10	GMMW-6 09/29/10	GMMW-6 03/29/11	GMMW-6 09/20/11	GMMW-6 03/20/12	GMMW-6 09/18/12	GMMW-6 03/19/13	GMMW-6 09/25/13
Volatile Organics													
1,1,1-Trichloroethane	200	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.20 [<0.20]	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.23 [<0.23]	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.28 [<0.28]	<1.0
1,1-Dichloroethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.19 [<0.19]	<1.0
1,1-Dichloroethene	7	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.31 [<0.31]	<1.0
1,2-Dichloroethane	5	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.28 [<0.28]	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0 [<1.0]	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 [<2.0]	<2.0	<2.0 [<2.0]	<0.58 [<0.58]	<2.0
1,2-Dichloropropane	5	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.20 [<0.20]	<1.0
2-Butanone	--	ug/L	<5.0 [<5.0]	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<1.5 [<1.5]	<5.0
2-Hexanone	--	ug/L	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<0.56 [<0.56]	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<0.33 [<0.33]	<5.0
Acetone	--	ug/L	R [R]	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<1.3 [<1.3]	<5.0
Benzene	5	ug/L	2.5 [2.4]	0.86 J	2.5	1.2	1.8	0.82	2.1 [2.1]	0.80	2.2 [2.3]	0.45 J [0.45 J]	1.6
Bromodichloromethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.17 [<0.17]	<1.0
Bromoform	--	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	0.28 J [<0.28]	<1.0
Bromomethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.31 [<0.31]	<1.0
Carbon Disulfide	--	ug/L	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<0.43 [<0.43]	<5.0
Carbon Tetrachloride	5	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.26 [<0.26]	<1.0
Chlorobenzene	100	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.14 [<0.14]	<1.0
Chloroethane	--	ug/L	1.2 [2.2]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.34 [<0.34]	<1.0
Chloroform	--	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.20 [<0.20]	<1.0
Chloromethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.18 [<0.18]	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.18 [<0.18]	<1.0
Dibromochloromethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.32 [<0.32]	<1.0
Ethylbenzene	700	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.13 [<0.13]	<0.50
Methylene Chloride	--	ug/L	<1.0 [<1.0]	<2.0	<2.0	<2.0	<2.0	<2.0	<5.9 B [$<6.6 B$]	<5.0	<5.0 [<5.0]	<0.68 [<0.68]	<5.0
Styrene	100	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.10 [<0.10]	<1.0
Tetrachloroethene	5	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.17 [<0.17]	<1.0
Toluene	1,000	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.11 [<0.11]	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<0.21 [<0.21]	<1.0
Trichloroethene	5	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.19 [<0.19]	<0.50
Vinyl Chloride	2	ug/L	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.10 [<0.10]	<0.50
Xylenes (total)	10,000	ug/L	<2.0 [<2.0]	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	0.068 [<0.068]	<1.0
Total VOCs	--	ug/L	3.7 [4.6]	0.86 J	2.5	1.2	1.8	0.82	2.1 [2.1]	0.80	2.2 [2.3]	0.45 J [0.45 J]	1.6

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 09/29/14	GMMW-6 03/18/15	GMMW-6 09/23/16	GMMW-6 03/14/17	GMMW-6 09/25/18	GMMW-6 03/28/19	GMMW-7 02/28/95	GMMW-7 12/17/02	GMMW-7 03/26/03	GMMW-7 06/17/03	GMMW-7 09/24/03	GMMW-7 12/09/03	GMMW-7 03/16/04
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0 [<2.0]	<2.0	<2.0 [<2.0]	<2.0 [<2.0]	<2.0	<2.0 J [<2.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0 J [<5.0]	<25	<5.0	<5.0	<5.0 J	R	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<5.0 J [<5.0]	<5.0	<5.0 J [<5.0]	<25	<5.0	<5.0	R	R	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<5.0 J [<5.0]	<5.0	<5.0 J [<5.0]	<25	<5.0	<5.0	R	R	<5.0	<5.0
Acetone	--	ug/L	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<5.0 J [<5.0]	<5.0	<10 J [<10 J]	<25	<5.0	<5.0	<5.0	R	<5.0	<5.0
Benzene	5	ug/L	1.1 [0.97]	<0.50	1.1 [1.2]	<0.50 [<0.50]	0.38 J	0.31 J [0.27 J]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0 [<1.0]	<1.0	<2.0 J [<2.0 J]	<2.0 J [<2.0 J]	<2.0 J	<3.0 J [<3.0 J]	<10	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0
Carbon Disulfide	--	ug/L	<5.0 [<5.0]	<5.0	<2.0 J [<2.0 J]	<2.0 J [<2.0 J]	<2.0	<2.0 J [<2.0 J]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J
Carbon Tetrachloride	5	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	0.54 J	<1.0 J [<1.0]	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<2.0 J [<2.0 J]	<2.0	<2.0 J [<2.0 J]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 J [<1.0]	<1.0	<1.0 J [<1.0]	<10	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0 J
cis-1,3-Dichloropropene	--	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.50 [<0.50]	<0.50	<0.50 J [<0.50 J]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0 J [<5.0 J]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.50 [<0.50]	<0.50	<0.50 J [<0.50 J]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.50 [<0.50]	<0.50	<0.50 J [<0.50 J]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.50 [<0.50]	<1.0	<1.0 J [<1.0]	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0 J [<1.0]	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total VOCs	--	ug/L	1.1 [0.97]	ND	1.1 [1.2]	ND [ND]	0.92 J	0.31 J [0.27 J]	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-7 06/16/04	GMMW-7 09/14/04	GMMW-7 12/14/04	GMMW-7 03/30/05	GMMW-7 06/21/05	GMMW-7 09/13/05	GMMW-7 03/28/06	GMMW-7 09/21/06	GMMW-7 03/20/07	GMMW-7 09/12/07	GMMW-7 03/13/08	GMMW-7 09/23/08	GMMW-7 03/03/09
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<5.0 J
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	R	<5.0 J
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.4 JB	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-7 09/28/09	GMMW-7 03/30/10	GMMW-7 09/28/10	GMMW-7 03/30/11	GMMW-7 09/20/11	GMMW-7 03/20/12	GMMW-7 09/18/12	GMMW-7 03/19/13	GMMW-7 09/25/13	GMMW-7 09/29/14	GMMW-7 03/18/15	GMMW-7 09/24/16
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.19	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.58	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.5	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.56	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.33	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.3	<5.0	<5.0	<5.0	<5.0 J
Benzene	5	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.074	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<2.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.43	<5.0	<5.0	<5.0	<2.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.26	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.14	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.34	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.32	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.13	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	--	ug/L	<2.0	<2.0	<2.0	<2.0	<6.0 B	<5.0	<5.0	<0.68	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.11	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.19	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50
Xylenes (total)	10,000	ug/L	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.068	<1.0	<1.0	<1.0	<1.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-7 03/14/17	GMMW-7 09/24/18	GMMW-7 03/27/19	GMMW-9 03/30/95	GMMW-10 03/06/95	GMMW-10 06/21/05	GMMW-10 09/13/05	GMMW-11 03/14/95	GMMW-11 12/19/02	GMMW-11 06/18/03	GMMW-11 12/10/03	GMMW-11 06/17/04
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	30	<5.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<2.0	39	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<25	<25	<5.0	<5.0	<25	12	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<25	<25	<5.0	<5.0	<25	<5.0	R	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<25	<25	<5.0	<5.0	<25	<5.0	R	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0	<10 J	<25	44	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0
Benzene	5	ug/L	<0.50	<0.50	<0.50	<5.0	<5.0	<1.0	<1.0	<5.0	0.68 J	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<2.0	<2.0 J	<3.0 J	<10	<10	<1.0	<1.0	<10	<1.0	<1.0	<1.0 J	<1.0
Carbon Disulfide	--	ug/L	<2.0	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<10	<10	<1.0	10	<10	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<2.0	<2.0	<2.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<10	<1.0	<1.0	<1.0 J	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<0.50	<0.50	<0.50	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<0.50	<0.50	<0.50	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<0.50	<0.50	<0.50	8.8	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<0.50	<1.0	<1.0	<10	<10	<1.0	1.6	<10	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<1.0	<5.0	<5.0	<2.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0
Total VOCs	--	ug/L	ND	ND	ND	48	44	ND	42	ND	13 J	ND	ND	ND

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-11 12/15/04	GMMW-11 06/22/05	GMMW-11 03/29/06	GMMW-11 03/14/08	GMMW-11 03/04/09	GMMW-11 03/31/10	GMMW-11 03/30/11	GMMW-11 03/20/12	GMMW-11 03/20/13	GMMW-11 09/30/14	GMMW-11 03/27/19	GMMW-12 02/28/95
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<5.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<1.0	<1.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<5.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.19	<1.0	<1.0	<5.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<5.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<5.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.58	<2.0	<2.0	<5.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<5.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.5	<5.0	<5.0	<25
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<0.56	<5.0	<5.0	<25
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.33	<5.0	<5.0	<25
Acetone	--	ug/L	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<1.3	<5.0	<10 J	<25
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50	<0.074	<0.50	<0.50	<5.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<5.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<5.0
Bromomethane	--	ug/L	<1.0 J	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<0.31	<1.0	<3.0 J	<10
Carbon Disulfide	--	ug/L	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.43	<5.0	<2.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.26	<1.0	<1.0	<5.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.14	<1.0	<1.0	<5.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.34	<1.0	<1.0	<10
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<2.0	<5.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<10
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<5.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.32	<1.0	<1.0	<5.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50	<0.13	<0.50	<0.50	<5.0
Methylene Chloride	--	ug/L	<1.8	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<5.0	<0.68	<5.0	<5.0	<5.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<1.0	<1.0	<5.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<5.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50	<0.11	<0.50	<0.50	<5.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<1.0	<1.0	<5.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50	<0.19	0.29 J	<0.50	<5.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.10	<0.50	<1.0	<10
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<1.0	<0.068	<1.0	<1.0	<5.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29 J	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-12 12/17/02	GMMW-12 03/26/03	GMMW-12 06/17/03	GMMW-12 09/24/03	GMMW-12 12/09/03	GMMW-12 03/16/04	GMMW-12 06/16/04	GMMW-12 09/14/04	GMMW-12 12/14/04	GMMW-12 03/30/05	GMMW-12 06/21/05	GMMW-12 09/13/05
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	R	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	R	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<1.0	<1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
 <

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-12 03/28/06	GMMW-12 09/20/06	GMMW-12 03/20/07	GMMW-12 09/12/07	GMMW-12 03/13/08	GMMW-12 09/23/08	GMMW-12 03/03/09	GMMW-12 09/28/09	GMMW-12 03/30/10	GMMW-12 09/28/10	GMMW-12 03/30/11	GMMW-12 09/20/11
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0 J	<5.0	<5.0	<5.0	R	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<2.2 JB	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.6 B
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Xylenes (total)	10,000	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-12 03/20/12	GMMW-12 09/18/12	GMMW-12 03/19/13	GMMW-12 09/25/13	GMMW-12 09/29/14	GMMW-12 03/18/15	GMMW-12 09/23/16	GMMW-12 03/14/17	GMMW-12 09/24/18	GMMW-12 03/27/19	GMMW-13 02/20/95	GMMW-13 03/30/05
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<0.23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<0.58	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<1.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<1.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<0.56	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0 J
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<0.33	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0 J
Acetone	--	ug/L	<5.0	<5.0	<1.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 B	<10 J	<25	<5.0
Benzene	5	ug/L	<0.50	<0.50	<0.074	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<2.0 J	<2.0	<2.0 J	<3.0 J	<10	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<0.43	<5.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<0.26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<0.14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<0.34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<5.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<0.32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Ethylbenzene	700	ug/L	<0.50	<0.50	<0.13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0
Methylene Chloride	--	ug/L	<5.0	<5.0	<0.68	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0
Styrene	100	ug/L	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Toluene	1,000	ug/L	<0.50	<0.50	<0.11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Trichloroethene	5	ug/L	<0.50	<0.50	<0.19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0
Vinyl Chloride	2	ug/L	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<0.068	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	4.5 J	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-13 03/29/06	GMMW-13 09/21/06	GMMW-13 03/20/07	GMMW-13 09/13/07	GMMW-13 03/14/08	GMMW-13 09/23/08	GMMW-13 03/03/09	GMMW-13 09/28/09	GMMW-13 03/31/10	GMMW-13 09/29/10	GMMW-13 04/06/11	GMMW-13 09/20/11
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0 J	<5.0	<5.0 J [<5.0 J]	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0 J [<5.0 J]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0 J [<5.0 J]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0 J	<5.0	<5.0 [<5.0]	<5.0 J	R	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0 J	<1.0	<1.0 [<1.0]	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0 J	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0 J [<1.0 J]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.91 J
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.3 B
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Xylenes (total)	10,000	ug/L	<2.0	<2.0	<2.0	<2.0 [<2.0]	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0
Total VOCs	--	ug/L	ND	ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND	ND	0.91 J

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-13 03/21/12	GMMW-13 09/19/12	GMMW-13 03/20/13	GMMW-13 09/26/13	GMMW-13 09/30/14	GMMW-13 03/19/15	GMMW-13 09/24/16	GMMW-13 03/14/17	GMMW-13 09/24/18	GMMW-13 03/28/19	GMMW-14 03/08/95	GMMW-14 09/28/10
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<0.23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<0.58	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<1.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<0.56	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<0.33	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0
Acetone	--	ug/L	<5.0	<5.0	<1.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10 J	<25	<5.0
Benzene	5	ug/L	<0.50	<0.50	<0.074	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<0.28 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0 J	<3.0 J	<10	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<0.43	<5.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<0.26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<0.14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<0.34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<5.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<0.32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Ethylbenzene	700	ug/L	<0.50	<0.50	<0.13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0
Methylene Chloride	--	ug/L	<5.0	<5.0	<0.68	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0
Styrene	100	ug/L	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Toluene	1,000	ug/L	<0.50	<0.50	<0.11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
Trichloroethene	5	ug/L	<0.50	<0.50	<0.19	<0.50	0.59	<0.50	<0.50	<0.50	0.52	<0.50	<5.0	<1.0
Vinyl Chloride	2	ug/L	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<10	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<0.068	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0
Total VOCs	--	ug/L	ND	ND	ND	ND	0.59	ND	ND	ND	0.52	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-15 03/08/95	GMMW-15 09/28/10	GMMW-16 03/08/95	GMMW-18 03/10/95	GMMW-18 12/17/02	GMMW-18 03/26/03	GMMW-18 06/17/03	GMMW-18 09/24/03	GMMW-18 12/09/03	GMMW-18 03/16/04	GMMW-18 06/16/04	GMMW-18 09/14/04
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<5.0	<2.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<25	<5.0	<25	<25	<5.0	<5.0	<5.0 J	R	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<25	<5.0	<25	<25	<5.0	<5.0	R	R	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<25	<5.0	<25	<25	<5.0	<5.0	R	R	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<25	<5.0	<25	<25	<5.0	<5.0	<5.0	R	<5.0	<5.0	<5.0	<5.0
Benzene	5	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<10	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<10	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<10	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<5.0	<2.0	<5.0	<5.0	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<10	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<5.0	<2.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total VOCs	--	ug/L	ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-18 12/15/04	GMMW-18 03/30/05	GMMW-18 06/21/05	GMMW-18 09/13/05	GMMW-18 03/29/06	GMMW-18 09/21/06	GMMW-18 03/20/07	GMMW-18 09/12/07	GMMW-18 03/13/08	GMMW-18 09/23/08	GMMW-18 03/03/09
Volatile Organics													
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<5.0 J
2-Hexanone	--	ug/L	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	R	<5.0 J
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.9 JB	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-18 09/28/09	GMMW-18 03/30/10	GMMW-18 09/29/10	GMMW-18 04/06/11	GMMW-18 09/20/11	GMMW-18 03/20/12	GMMW-18 09/19/12	GMMW-18 03/19/13	GMMW-18 09/26/13	GMMW-18 09/29/14
Volatile Organics												
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.19	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.58	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.5	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.56	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.33	<5.0	<5.0
Acetone	--	ug/L	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.3	<5.0	<5.0
Benzene	5	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.074	<0.50	<0.50
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28 J	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.43	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.26	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.14	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.34	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.32	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.13	<0.50	<0.50
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.0	<1.0	<6.0 B	<5.0	<5.0	<0.68	<5.0	<5.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.11	<0.50	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.19	<0.50	<0.50
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.10	<0.50	<0.50
Xylenes (total)	10,000	ug/L	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<0.068	<1.0	<1.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-18 03/18/15	GMMW-18 09/24/16	GMMW-18 03/15/17	GMMW-18 09/25/18	GMMW-18 03/28/19	GMMW-19 12/18/02	GMMW-19 03/26/03	GMMW-19 06/17/03	GMMW-19 09/24/03	GMMW-19 12/09/03	GMMW-19 03/16/04
Volatile Organics													
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
1,1,1,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 J [<1.0]
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	5.2	5.2	5.9	5.0 [5.3]	4.8 [5.0]	5.0 [4.1]
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.6	4.1	2.9 [2.5]	2.0 [2.1]	2.0 [1.7]
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	2.6	3.1	3.6	1.4 [2.8]	0.93 J [2.3 J]	2.1 [1.8 a]
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	R [R]	<5.0 [<5.0]	<5.0 [<5.0]
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	R	R [R]	<5.0 [<5.0]	<5.0 [<5.0]
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	R	R [R]	<5.0 [<5.0]	<5.0 [<5.0]
Acetone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<10 J	<5.0	<6.9	<10	R [R]	<5.0 [<5.0]	<5.0 [<5.0]
Benzene	5	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	9.5	10	8.9	7.4 [6.8]	4.6 [4.6]	4.5 [4.0]
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Bromomethane	--	ug/L	<1.0	<2.0 J	<2.0	<2.0	<3.0 J	<1.0	<1.0	<2.0	<1.0 J [$<1.0 J$]	R [$<1.0 J$]	<1.0 [$<1.0 J$]
Carbon Disulfide	--	ug/L	<5.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<10	<5.0 J [$<5.0 J$]	<5.0 [<5.0]	<5.0 J [$<5.0 J$]
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	0.63 J	0.61 J	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	200	360	240	190 [190 J]	160 [160]	170 J [130]
Chloroform	--	ug/L	<1.0	<1.0	<2.0	<2.0	<2.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	R [$<1.0 J$]	<1.0 [<1.0]
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Ethylbenzene	700	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	2.1	1.7	<1.0 [1.4]	0.98 J [0.87 J]	<1.0 [<1.0]
Methylene Chloride	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<3.6	2.2	<1.3 [<1.3]	1.1 [1.2]	<1.0 [<1.0]
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Toluene	1,000	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Trichloroethene	5	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Vinyl Chloride	2	ug/L	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0 [1.9]	<1.0 [<1.0]	<1.0 [<1.0]
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	220 J	390 J	270	210 [210 J]	170 J [180 J]	180 J [140]

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-20 06/16/04	GMMW-20 09/14/04	GMMW-20 12/15/04	GMMW-20 03/30/05	GMMW-20 06/22/05	GMMW-20 09/13/05	GMMW-20 03/29/06	GMMW-20 09/21/06	GMMW-20 03/20/07	GMMW-20 09/12/07	GMMW-20 03/13/08	GMMW-20 09/24/08	GMMW-20 03/03/09
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<5.0 J
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	5.4 J	<5.0 J
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	0.66 J	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.9 JB	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs	--	ug/L	ND	ND	0.66 J	ND	ND	ND	ND	ND	ND	ND	ND	5.4 J	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-20 09/28/09	GMMW-20 03/31/10	GMMW-20 09/28/10	GMMW-20 03/29/11	GMMW-20 09/20/11	GMMW-20 03/21/12	GMMW-20 09/19/12	GMMW-20 03/20/13	GMMW-20 09/25/13	GMMW-20 09/30/14	GMMW-20 03/19/15	GMMW-20 09/24/16	GMMW-20 03/15/17	GMMW-20 09/25/18
Volatile Organics																
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0 [<2.0]	<2.0 [<2.0]	<2.0	<2.0	<2.0	<2.0	<0.58	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<1.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<0.56	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<0.33	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0 J	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<1.3	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0
Benzene	5	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<0.50	<0.50	<0.50	<0.50	<0.074	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0
Bromomethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0 J
Carbon Disulfide	--	ug/L	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<0.43	<5.0	<5.0	<5.0	<2.0	<2.0 J	<2.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0
Chloromethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<0.50	<0.50	<0.50	<0.50	<0.13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	--	ug/L	<2.0	<2.0 [<2.0]	<2.0 [<2.0]	<2.0	<6.9 B	<5.0	<5.0	<0.68	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<0.50	<0.50	<0.50	<0.50	<0.11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<0.50	<0.50	<0.50	<0.19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	2	ug/L	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<0.50	<0.50	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0
Xylenes (total)	10,000	ug/L	<2.0	<2.0 [<2.0]	<2.0 [<2.0]	<1.0	<1.0	<1.0	<1.0	<0.068	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total VOCs	--	ug/L	ND	ND [ND]	ND [ND]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-20 03/28/19	GMPZ-3 03/03/95	GMPZ-3 12/18/02	GMPZ-3 06/18/03	GMPZ-3 12/10/03	GMPZ-3 06/16/04	GMPZ-3 12/15/04	GMPZ-3 06/22/05	GMPZ-3 03/29/06	GMPZ-3 03/21/07	GMPZ-3 03/14/08	GMPZ-3 03/04/09	GMPZ-3 03/31/10	GMPZ-3 03/29/11
Volatile Organics																
1,1,1-Trichloroethane	200	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<5.0	0.63 J	0.58 J	1.3	1.1	<1.0	<1.0	0.91 J	<1.0 [0.95 J]	<1.0	<1.0	0.61 J	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<5.0	<1.0	<1.0	0.69 J	0.86 J	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<25	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<25	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<10	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	5	ug/L	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
Bromodichloromethane	--	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<3.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<10	1.9	1.6	4.5	3.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
Methylene Chloride	--	ug/L	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.9	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0
Styrene	100	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<0.50	<5.0	4.2	2.3	1.9	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
Vinyl Chloride	2	ug/L	<1.0	<10	8.5	9.1	12	12	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
Xylenes (total)	10,000	ug/L	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<1.0
Total VOCs	--	ug/L	ND	ND	15 J	14 J	20 J	20 J	1.2	ND	0.91 J	ND [0.95 J]	ND	ND [ND]	0.61 J	ND

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-3 03/21/12	GMPZ-3 03/19/13	GMPZ-3 09/29/14	GMPZ-3 03/28/19	GMPZ-4 03/09/95	GMPZ-4 12/19/02	GMPZ-4 06/18/03	GMPZ-4 12/10/03	GMPZ-4 06/17/04	GMPZ-4 12/16/04	GMPZ-4 06/22/05	GMPZ-4 03/29/06	GMPZ-4 03/21/07
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0	<0.20	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	--	ug/L	<1.0	<0.23	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<0.28	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	0.52 J	<0.19	0.86 J	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<0.31	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<0.28	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane (total)	170	ug/L	<2.0	<0.58	<2.0	<2.0	27	12	13	7.9	4.9	6.8	5.7	5.5	4.1
1,2-Dichloropropane	5	ug/L	<1.0	<0.20	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<1.5	<5.0	<5.0	<25	12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<0.56	<5.0	<5.0	<25	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<0.33	<5.0	<5.0	<25	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	11	<1.3	7.9	<10	<25	<5.0	<5.0	<5.0	<5.0	<5.0	R	<5.0	<5.0
Benzene	5	ug/L	<0.50	<0.074	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<0.17	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<0.28	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<0.31	<1.0	<3.0	<10	<1.0	<1.0	R	<1.0	<1.0 J	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<0.43	<5.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<0.26	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<0.14	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<0.34	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<0.20	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<0.18	<1.0	<1.0	<10	<1.0	<1.0	R	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<0.18	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<0.32	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<0.50	<0.13	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<5.0	<0.68	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.3	<1.0	<1.0	<1.0
Styrene	100	ug/L	<1.0	<0.10	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<0.17	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<0.50	<0.11	<0.50	<0.50	<5.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<0.21	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<0.50	<0.19	<0.50	<0.50	500	15	29	58	47	53	32	43	25
Vinyl Chloride	2	ug/L	<0.50	<0.10	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<0.068	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0
Total VOCs	--	ug/L	12 J	ND	8.8 J	ND	530	40	42	66	52	60	38	49	29

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-4 03/14/08	GMPZ-4 03/04/09	GMPZ-4 03/31/10	GMPZ-4 03/30/11	GMPZ-4 03/20/12	GMPZ-4 03/20/13	GMPZ-4 09/30/14	GMPZ-4 03/28/19	GMPZ-6 03/02/95	GMPZ-6 12/18/02	GMPZ-6 03/26/03	GMPZ-6 06/17/03	GMPZ-6 09/24/03
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.19	<1.0	<1.0	<5.0	0.66 J [0.55 J]	0.50 J	0.55 J	0.52 J
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	3.6	3.7	3.2	3.0	2.9	2.9	4.0	5.2	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.5	<5.0	<5.0	<25	11 [6.8]	<5.0	<5.0 J	R
2-Hexanone	--	ug/L	<5.0	<5.0 J	<5.0	<5.0	<5.0	<0.56	<5.0	<5.0	<25	<5.0 [<5.0]	<5.0	R	R
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<0.33	<5.0	<5.0	<25	<5.0 [<5.0]	<5.0	R	R
Acetone	--	ug/L	<5.0 J	<5.0	<5.0	<5.0	<5.0	<1.3	<5.0	<10 J	<25	<7.5 [<5.7]	<5.0	<5.0	R
Benzene	5	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.074	<0.50	<0.50	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28 J	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<0.31	<1.0	<3.0 J	<10	<1.0 [<1.0]	<1.0	<1.0	<1.0 J
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<0.43	<5.0	<2.0	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.26	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.14	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.34	<1.0	<1.0 J	<10	<1.0 [<1.0]	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<2.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<10	<1.0 [<1.0]	<1.0	<1.0	<1.0 J
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.32	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.13	<0.50	<0.50	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<2.0	<2.0	<2.0	<2.0	<5.0	<0.68	<5.0	<5.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.11	<0.50	<0.50	<5.0	<1.0 [<1.0]	<1.0	<1.0	0.59 J
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	32	34	28	32	26	39	32	23	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<0.50	<0.50	<0.10	<0.50	<1.0	<10	<1.0 [<1.0]	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<2.0	<2.0	<2.0	<1.0	<1.0	<0.068	<1.0	<1.0	<5.0	<1.0 [<1.0]	<1.0	<1.0	<1.0
Total VOCs	--	ug/L	36	38	31	35	29	42	36	28	ND	12 J [7.4 J]	0.50 J	0.55 J	1.1 J

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-6 12/09/03	GMPZ-6 03/16/04	GMPZ-6 06/16/04	GMPZ-6 09/14/04	GMPZ-6 12/15/04	GMPZ-6 03/30/05	GMPZ-6 06/22/05	GMPZ-6 09/13/05	GMPZ-6 03/29/06	GMPZ-6 09/21/06	GMPZ-6 03/20/07	GMPZ-6 09/12/07	GMPZ-6 03/13/08	GMPZ-6 09/24/08
Volatile Organics																
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	0.53 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	R
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.5 [2.4]	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6 JB	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs	--	ug/L	0.53 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	2.5 [2.4]	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-6 03/03/09	GMPZ-6 09/28/09	GMPZ-6 03/30/10	GMPZ-6 09/29/10	GMPZ-6 03/29/11	GMPZ-6 09/20/11	GMPZ-6 03/20/12	GMPZ-6 09/18/12	GMPZ-6 03/19/13	GMPZ-6 09/25/13	GMPZ-6 09/29/14	GMPZ-6 03/18/15	GMPZ-6 09/24/16	GMPZ-6 03/14/17
Volatile Organics																
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.19	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0 [<2.0]	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.58	<2.0 [<2.0]	<2.0	<2.0 [<2.0]	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
2-Butanone	--	ug/L	<5.0 J	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.5	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.56	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.33	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<5.0
Acetone	--	ug/L	<5.0 J	<5.0 J [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.3	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<5.0 J
Benzene	5	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.074	<0.50 [1.7]	<0.50	<0.50 [<0.50]	<0.50	<0.50
Bromodichloromethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Bromoform	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28 J	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Bromomethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<2.0
Carbon Disulfide	--	ug/L	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.43	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<2.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.26	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.14	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Chloroethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.34	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Chloroform	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Chloromethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.32	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.13	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.50	<0.50
Methylene Chloride	--	ug/L	<2.0	<2.0 [<2.0]	<2.0	<2.0	<2.0	<6.4 B	<5.0	<5.0	<0.68	<5.0 [<5.0]	<5.0	<5.0 [<5.0]	<5.0	<5.0
Styrene	100	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Toluene	1,000	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.11	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.50	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.19	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.50	<0.50
Vinyl Chloride	2	ug/L	<1.0	<1.0 [<1.0]	<1.0	<1.0	<0.50	<0.50	<0.50	<0.50	<0.10	<0.50 [<0.50]	<0.50	<0.50 [<0.50]	<0.50	<0.50
Xylenes (total)	10,000	ug/L	<2.0	<2.0 [<2.0]	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.068	<1.0 [<1.0]	<1.0	<1.0 [<1.0]	<1.0
Total VOCs	--	ug/L	ND	ND [ND]	ND	ND	ND	ND	ND	ND	ND	ND [1.7]	ND	ND [ND]	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-6 09/25/18	GMPZ-6 03/28/19	GMPZ-7 02/28/95	GMPZ-7 12/17/02	GMPZ-7 03/26/03	GMPZ-7 06/17/03	GMPZ-7 09/24/03	GMPZ-7 12/09/03	GMPZ-7 03/16/04	GMPZ-7 06/16/04	GMPZ-7 09/14/04	GMPZ-7 12/14/04	GMPZ-7 03/30/05	GMPZ-7 06/21/05
Volatile Organics																
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<25	<5.0	<5.0	<5.0 J	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<25	<5.0	<5.0	R	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<25	<5.0	<5.0	R	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0
Acetone	--	ug/L	<5.0	<10 J	<25	<5.0	<5.0	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0
Benzene	5	ug/L	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<2.0 J	<3.0 J	<10	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0 J	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<2.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<5.0	<5.0	<5.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
 ND None detected.
 Concentration above MCLs
 R Rejected.
 The compound was analyzed
 for but not detected. The
 associated value is the
 compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-7 09/13/05	GMPZ-7 03/28/06	GMPZ-7 09/21/06	GMPZ-7 03/20/07	GMPZ-7 09/12/07	GMPZ-7 03/13/08	GMPZ-7 09/23/08	GMPZ-7 03/03/09	GMPZ-7 09/28/09	GMPZ-7 03/30/10	GMPZ-7 09/28/10	GMPZ-7 03/30/11	GMPZ-7 09/20/11
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	R	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.2 JB	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.71 J
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0 B
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Xylenes (total)	10,000	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.71 J

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-7 03/20/12	GMPZ-7 09/18/12	GMPZ-7 03/19/13	GMPZ-7 09/25/13	GMPZ-7 09/29/14	GMPZ-7 03/18/15	GMPZ-7 09/24/16	GMPZ-7 03/14/17	GMPZ-7 09/24/18	GMPZ-7 03/27/19	GMPZ-9 03/09/95	GMPZ-10 03/09/95	GMPZ-11 02/27/95
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<0.23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<0.58	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 J	<5.0	<5.0	<5.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
2-Butanone	--	ug/L	<5.0	<5.0	<1.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<25	<25	<25
2-Hexanone	--	ug/L	<5.0	<5.0	<0.56	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<25	<25	<25
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<0.33	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<25	<25	<25
Acetone	--	ug/L	<5.0	<5.0	<1.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10 J	<25	<25	<25
Benzene	5	ug/L	<0.50	<0.50	<0.074	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 J	<5.0	<5.0	<5.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
Bromoform	--	ug/L	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
Bromomethane	--	ug/L	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0 J	<3.0 J	<10	<10	<10
Carbon Disulfide	--	ug/L	<5.0	<5.0	<0.43	<5.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0 J	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<0.26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<0.14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
Chloroethane	--	ug/L	<1.0	<1.0	<0.34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<10	<10	<10
Chloroform	--	ug/L	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0 J	<5.0	<5.0	<5.0
Chloromethane	--	ug/L	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<10	<10	<10
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<0.32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
Ethylbenzene	700	ug/L	<0.50	<0.50	<0.13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 J	<5.0	<5.0	<5.0
Methylene Chloride	--	ug/L	<5.0	<5.0	<0.68	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0
Styrene	100	ug/L	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
Toluene	1,000	ug/L	<0.50	<0.50	<0.11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 J	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
Trichloroethene	5	ug/L	<0.50	<0.50	<0.19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 J	<5.0	<5.0	<5.0
Vinyl Chloride	2	ug/L	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0 J	<10	<10	<10
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<0.068	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 J	<5.0	<5.0	<5.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-11 12/19/02	GMPZ-11 06/18/03	GMPZ-11 12/10/03	GMPZ-11 06/17/04	GMPZ-11 12/15/04	GMPZ-11 06/22/05	GMPZ-11 03/29/06	GMPZ-11 03/21/07	GMPZ-11 03/14/08	GMPZ-11 03/04/09	GMPZ-11 03/31/10	GMPZ-11 03/30/11	GMPZ-11 03/20/12
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0 J	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<5.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0
Total VOCs	--	ug/L	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-11 03/20/13	GMPZ-11 09/30/14	GMPZ-11 03/27/19	GMPZ-12 02/28/95	GMPZ-12 12/17/02	GMPZ-12 03/26/03	GMPZ-12 06/17/03	GMPZ-12 09/24/03	GMPZ-12 12/09/03	GMPZ-12 03/16/04	GMPZ-12 06/16/04	GMPZ-12 09/14/04	GMPZ-12 12/14/04
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<0.20	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<0.23	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<0.28	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<0.19	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<0.31	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<0.28	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<0.58	<2.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<0.20	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<1.5	<5.0	<5.0	<25	11	<5.0	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<0.56	<5.0	<5.0	<25	<5.0	<5.0	R	R	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<0.33	<5.0	<5.0	<25	<5.0	<5.0	R	R	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<1.3	<5.0	<10 J	<25	<5.0	<5.0	<5.0	R	6.3	<5.0	<5.0	<5.0	<5.0 J
Benzene	5	ug/L	<0.074	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<0.17	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<0.28 J	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<0.31	<1.0	<3.0 J	<10	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<0.43	<5.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0 J
Carbon Tetrachloride	5	ug/L	<0.26	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<0.14	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<0.34	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<0.20	<1.0	<2.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<0.18	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<0.18	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<0.32	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<0.13	<0.50	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<0.68	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	ug/L	<0.10	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<0.17	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<0.11	<0.50	<0.50	<5.0	3.3	1.6	1.6	0.82 J	<1.0	<1.0	<1.0	<1.0	6.3
trans-1,3-Dichloropropene	--	ug/L	<0.21	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	1.3	0.28 J	<0.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<0.10	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<0.068	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total VOCs	--	ug/L	1.3	0.28 J	ND	ND	14	1.6	1.6	0.82 J	6.3	ND	ND	6.3	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
<

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-12 03/30/05	GMPZ-12 06/21/05	GMPZ-12 09/13/05	GMPZ-12 03/28/06	GMPZ-12 09/20/06	GMPZ-12 03/20/07	GMPZ-12 09/12/07	GMPZ-12 03/13/08	GMPZ-12 09/23/08	GMPZ-12 03/03/09	GMPZ-12 09/28/09	GMPZ-12 03/30/10
Volatile Organics														
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0 J [<5.0 J]	<5.0	<5.0 J	<5.0 J	<5.0	<5.0 J	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0 J	<5.0	<5.0	<5.0	<5.0 J [<5.0 J]	<5.0	<5.0 J	<5.0 J	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0 J	<5.0	<5.0	<5.0	<5.0 J [<5.0 J]	<5.0	<5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0	<5.0	8.6	<5.0 J [<5.0 J]	<5.0	<5.0	<5.0	R	<5.0 J	<5.0 J	<5.0
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 J [<1.0 J]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 J [<1.0 J]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.8 JB	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	4.2	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0 [<2.0]	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs	--	ug/L	ND	ND	4.2	8.6	ND [ND]	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-12 09/28/10	GMPZ-12 03/30/11	GMPZ-12 09/20/11	GMPZ-12 03/20/12	GMPZ-12 09/18/12	GMPZ-12 03/19/13	GMPZ-12 09/25/13	GMPZ-12 09/29/14	GMPZ-12 03/18/15	GMPZ-12 09/23/16	GMPZ-12 03/14/17	GMPZ-12 09/24/18	GMPZ-12 03/27/19
Volatile Organics															
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<0.58	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<0.56	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<0.33	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10 J
Benzene	5	ug/L	<1.0	<0.50	<0.50	<0.50	<0.50	<0.074	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<2.0 J	<2.0	<2.0 J	<3.0 J
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<0.43	<5.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<1.0	<0.50	<0.50	<0.50	<0.50	<0.13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	--	ug/L	<2.0	<2.0	<6.7 B	<5.0	<5.0	<0.68	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<1.0	<1.0	<0.50	<0.50	<0.50	<0.11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<1.0	<0.50	<0.50	<0.50	<0.50	<0.19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	2	ug/L	<1.0	<0.50	<0.50	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0
Xylenes (total)	10,000	ug/L	<2.0	<1.0	<1.0	<1.0	<1.0	<0.068	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-13 03/14/95	GMPZ-14 03/10/95	GMPZ-15 03/10/95	GMPZ-16 03/10/95	GMPZ-18 03/10/95	GMPZ-18 12/17/02	GMPZ-18 03/26/03	GMPZ-18 06/17/03	GMPZ-18 09/24/03	GMPZ-18 12/09/03	GMPZ-18 03/16/04	GMPZ-18 06/16/04	GMPZ-18 09/14/04	GMPZ-18 12/15/04	GMPZ-18 03/30/05	GMPZ-18 06/21/05
Volatile Organics																		
1,1,1-Trichloroethane	200	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<25	<25	<25	<25	<25	<5.0	<5.0	<5.0 J	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<25	<25	<25	<25	<25	<5.0	<5.0	R	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J
4-Methyl-2-pentanone	--	ug/L	<25	<25	<25	<25	<25	<5.0	<5.0	R	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J
Acetone	--	ug/L	<25	<25	<25	<25	<25	<5.0	<5.0	<5.0	R	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0
Benzene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 J	<5.0	<5.0 J	<5.0	<5.0	<5.0 J	<5.0	<5.0
Carbon Tetrachloride	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	--	ug/L	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0 J	<1.0 J	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	100	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	ug/L	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
<

Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-18 09/13/05	GMPZ-18 03/29/06	GMPZ-18 09/21/06	GMPZ-18 03/20/07	GMPZ-18 09/12/07	GMPZ-18 03/13/08	GMPZ-18 09/23/08	GMPZ-18 03/26/09	GMPZ-18 09/28/09	GMPZ-18 03/30/10	GMPZ-18 09/29/10	GMPZ-18 03/29/11	GMPZ-18 09/20/11	GMPZ-18 03/20/12	GMPZ-18 09/19/12	GMPZ-18 03/19/13
Volatile Organics																		
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.20
1,1,1,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.23
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.28
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.19
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.31
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.28
1,2-Dichloroethene (total)	170	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0 [<2.0]	<1.0 [<1.0]	<2.0 [<2.0]	<2.0	<2.0	<2.0 [<2.0]	<2.0	<2.0	<2.0	<2.0	<0.58
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.20
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0 J	5.0 J [<5.0]	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<1.5
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0 J	5.0 J [<5.0]	<5.0 [<5.0]	5.0 J [<5.0]	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<0.56
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0 J	<5.0 [<5.0]	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<0.33
Acetone	--	ug/L	<5.0	<5.0	<5.0 J	<5.0	<5.0	<5.0 [<5.0]	R [R]	<5.0 [<5.0]	<5.0 J	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<1.3
Benzene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<0.50	<0.50	<0.50	<0.50	<0.074
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.17
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.28 J
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.31
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 [<5.0]	<5.0 [<5.0]	<5.0 [<5.0]	<5.0	<5.0	<5.0 [<5.0]	<5.0	<5.0	<5.0	<5.0	<0.43
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.26
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.14
Chloroethane	--	ug/L	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.34
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.20
Chloromethane	--	ug/L	<1.0	<1.0	<1.0 J	<1.0	<1.9 JB	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.18
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.18
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.32
Ethylbenzene	700	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<0.50	<0.50	<0.50	<0.50	<0.13
Methylene Chloride	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0 [<2.0]	<1.0 [<1.0]	<2.0 [<2.0]	<2.0	<2.0	<1.0 [<1.0]	<2.0	<5.9 B	<5.0	<5.0	<0.68
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.10
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.17
Toluene	1,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<0.50	<0.50	<0.50	<0.50	<0.11
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<1.0	<1.0	<1.0	<1.0	<0.21
Trichloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<0.50	<0.50	<0.50	<0.50	<0.19
Vinyl Chloride	2	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 [<1.0]	<1.0 [<1.0]	<1.0 [<1.0]	<1.0	<1.0	<1.0 [<1.0]	<0.50	<0.50	<0.50	<0.50	<0.10
Xylenes (total)	10,000	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 [<2.0]	<2.0 [<2.0]	<2.0 [<2.0]	<2.0	<2.0	<2.0 [<2.0]	<1.0	<1.0	<1.0	<1.0	<0.068
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND [ND]	ND [ND]	ND [ND]	ND	ND	ND [ND]	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 2
Summary of Groundwater Sample Volatile Organic Compounds Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-18 09/26/13	GMPZ-18 09/29/14	GMPZ-18 03/18/15	GMPZ-18 09/24/16	GMPZ-18 03/15/17	GMPZ-18 09/25/18	GMPZ-18 03/28/19
Volatile Organics									
1,1,1-Trichloroethane	200	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	170	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-pentanone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10 J
Benzene	5	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	--	ug/L	<1.0	<1.0	<1.0	<2.0 J	<2.0	<2.0 J	<3.0 J
Carbon Disulfide	--	ug/L	<5.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0
Carbon Tetrachloride	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	--	ug/L	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
Chloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	--	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	1,000	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,3-Dichloropropene	--	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	2	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0
Xylenes (total)	10,000	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total VOCs	--	ug/L	ND	ND	ND	ND	ND	ND	ND

J Indicates an estimated value.
ND None detected.
Concentration above MCLs
R Rejected.
The compound was analyzed
for but not detected. The
associated value is the
compound quantitation limit.
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Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMDW-4 03/09/95	GMDW-6 03/02/95	GMMW-3 03/01/95	GMMW-3 12/18/02	GMMW-3 06/18/03	GMMW-3 12/10/03	GMMW-3 06/16/04	GMMW-3 12/15/04	GMMW-3 06/22/05	GMMW-3 03/29/06	GMMW-3 03/21/07
Inorganics													
Aluminum	--	mg/L	0.850	<0.200	65.0	NA	0.450	0.480	<0.200	4.40	<0.200	<0.200	0.0300 J
Antimony	0.006	mg/L	<0.0500	<0.0500	<0.0500	NA	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600	<0.00100
Arsenic	0.01	mg/L	<0.0100	0.0110	0.0520	NA	<0.0100	<0.0100	<0.0100	<0.0100	0.00290 B	<0.0100	0.00760
Barium	2	mg/L	0.330	0.320	0.540	NA	0.360	0.410	0.270	0.530	0.460	0.490	0.500
Beryllium	0.004	mg/L	<0.00500	<0.00500	<0.00500	NA	<0.00400	<0.00400	<0.00400	0.000430 B	<0.00400	<0.00400	<0.00100
Cadmium	0.005	mg/L	<0.00500	<0.00500	<0.00500	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500
Calcium	--	mg/L	53.0	92.0	670	NA	200	230	250	320	240	250	280 B
Chloride	--	mg/L	NA	NA	NA	NA	540	630	580	740	680	1,100	1,400
Chromium	0.1	mg/L	0.0100	<0.0100	0.130	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000800 J
Cobalt	--	mg/L	<0.0100	<0.0100	0.0690	NA	<0.00500	<0.00500	0.00700	0.00320 B	0.00280 B	<0.00500	0.000510 J
Copper	1.3	mg/L	<0.0250	<0.0250	0.190	NA	0.00230 B	0.00270 B	<0.0120	0.0110	0.00220 B	<0.0100	0.00310 J
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00210 B	<0.0100
Iron	--	mg/L	1.20	2.20	140	NA	3.00	3.60	1.60	12.0	4.60	4.40	3.80
Lead	0.015	mg/L	0.00800	<0.00500	0.110	NA	<0.00500	<0.00500	<0.00500	0.00410 B	<0.00500	<0.00500	0.000820 J
Magnesium	--	mg/L	16.0	32.0	200	NA	64.0	73.0	79.0	100	76.0	80.0	89.0
Manganese	--	mg/L	0.0500	0.0360	3.50	NA	0.200	0.200	0.530	0.360	0.360	0.230	0.410
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	NA	<0.000200	<0.000200	<0.000200	0.000400	<0.000200	0.0000780 B	<0.000200
Nickel	--	mg/L	<0.0400	<0.0400	0.170	NA	0.00510 B	0.00670 B	0.0140	0.0150	0.0120	0.00910 B	0.0110 B
Potassium	--	mg/L	36.0	1.20	15.0	NA	2.60	3.20	2.70	5.20 J	2.70 J	3.20 J	2.10
Selenium	0.05	mg/L	<0.0100	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000700 J
Silver	--	mg/L	<0.0100	<0.0100	36.0	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500
Sodium	--	mg/L	66.0	11.0	0.160	NA	120	120	120	160	170	190	200 B
Thallium	0.002	mg/L	<0.0100	<0.0100	<0.0100	NA	<0.0100	<0.00200	<0.00200	<0.0100	<0.0100	<0.00200	<0.00200
Vanadium	--	mg/L	<0.0100	<0.0100	0.160	NA	<0.00500	<0.00500	<0.00500	0.0120	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	0.0350	<0.0200	0.430	NA	<0.0310	<0.0200	<0.0200	0.0360	<0.0200	<0.0200	0.00500 J
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	0.0370 B	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	<0.0200	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	0.280	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	<0.00400	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	<0.00200	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	160	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	310	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMDW-4 03/09/95	GMDW-6 03/02/95	GMMW-3 03/01/95	GMMW-3 12/18/02	GMMW-3 06/18/03	GMMW-3 12/10/03	GMMW-3 06/16/04	GMMW-3 12/15/04	GMMW-3 06/22/05	GMMW-3 03/29/06	GMMW-3 03/21/07
Copper	1.3	mg/L	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	1.90	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	51.0	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	0.190	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	<0.000200	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	0.00520 B	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	2.30	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	82.0	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	0.0330	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-3 03/14/08	GMMW-3 03/04/09	GMMW-3 03/31/10	GMMW-3 03/29/11	GMMW-3 04/06/11	GMMW-3 03/21/12	GMMW-3 03/19/13	GMMW-3 09/29/14
Inorganics										
Aluminum	--	mg/L	<1.00	<0.100	0.0590 J	0.0410 J [0.0370 J]	0.0910 J [0.100]	0.0330 J [0.0230 J]	0.0600 J	0.0620 J
Antimony	0.006	mg/L	0.000870 J	<0.00200	<0.00300	<0.00300 B [<0.00300 B]	0.000820 J [0.000700 J]	<0.00300 [<0.00300]	<0.000480	<0.00300
Arsenic	0.01	mg/L	0.00620 J	0.0170	0.00440	0.00450 [0.00510]	0.00910 [0.00880]	0.00970 [0.00980]	0.0130	0.0130
Barium	2	mg/L	0.480	0.490	0.580	0.550 [0.540]	0.830 [0.820]	0.330 [0.340]	0.530	0.450
Beryllium	0.004	mg/L	<0.0100	<0.00100	<0.00100	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.000170	<0.00100
Cadmium	0.005	mg/L	<0.00500	<0.000500	<0.000500	<0.000500 [<0.000500]	0.000140 J [0.000230 J]	<0.000500 [<0.000500]	0.000230 J	0.000190 J
Calcium	--	mg/L	250	240	290	240 [240]	280 J [290 J]	250 [250]	260	220
Chloride	--	mg/L	17.0	670	760	800	890 [850]	860 [820]	870	740
Chromium	0.1	mg/L	<0.0500	<0.00500 J	<0.00500	<0.00500 [<0.00500]	0.000880 J [0.000730 J]	<0.00500 [<0.00500]	0.000980 J	<0.00500
Cobalt	--	mg/L	<0.0100	0.00280 J	0.000970 J	<0.00100 [<0.00100]	0.00150 [0.00150]	0.00140 [0.00120]	0.00180	0.000980 J
Copper	1.3	mg/L	0.00590 J	0.00380	<0.00200 B	<0.00200 [<0.00200]	0.00280 [0.00280]	0.00420 [0.00420]	0.00500	0.00750
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.0100 B	<0.0100
Iron	--	mg/L	3.90	2.00	5.60	5.20 [5.30]	25.0 [25.0]	21.0 [21.0]	14.0	27.0
Lead	0.015	mg/L	<0.00500	0.00460	0.000630 J	0.000580 [0.000560]	0.00130 J [0.00110 J]	0.00310 [0.00290]	0.00110	0.00520
Magnesium	--	mg/L	92.0	80.0	92.0	75.0 [75.0]	80.0 [79.0]	84.0 J [86.0 J]	87.0	82.0
Manganese	--	mg/L	0.630	0.720 J	0.530	0.210 [0.220]	0.240 [0.240]	0.610 [0.600]	0.370	0.350
Mercury	0.002	mg/L	0.000110 J	<0.000200	<0.000200	0.000100 J [0.000150 J]	0.000260 [0.000140 J]	<0.000200 [<0.000200]	<0.0000710	<0.000200
Nickel	--	mg/L	0.0120 J	0.0150	0.0110	0.0100 [0.0100]	0.0120 [0.0120]	0.0110 [0.0110]	0.0160	0.0120
Potassium	--	mg/L	2.70 J	2.10	2.40	2.40 [2.50]	3.20 [3.30]	1.90 [1.90]	2.50	2.20
Selenium	0.05	mg/L	<0.0250	0.000440 J	<0.00250	<0.00250 B [<0.00250 B]	<0.00250 [<0.00250]	<0.00250 [<0.00250]	0.000650 J	0.000760 J
Silver	--	mg/L	<0.00500	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.0000690	<0.000500
Sodium	--	mg/L	200	170	190	250 [250]	270 J [280 J]	210 [220]	300	250
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200 [<0.00200]	<0.00200 [<0.00200]	<0.00200 [<0.00200]	<0.000270	<0.00200
Vanadium	--	mg/L	<0.0500	<0.00500	<0.00500	<0.00500 [<0.00500]	<0.00500 [<0.00500]	<0.00500 [<0.00500]	0.000770 J	<0.00500
Zinc	--	mg/L	<0.200	<0.0200 B	<0.0200	0.00330 J [0.00620 J]	<0.0200 B [<0.0200 B]	<0.0200 [<0.0200]	<0.00630	<0.00990 B
Inorganics-Filtered										
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-3 03/14/08	GMMW-3 03/04/09	GMMW-3 03/31/10	GMMW-3 03/29/11	GMMW-3 04/06/11	GMMW-3 03/21/12	GMMW-3 03/19/13	GMMW-3 09/29/14
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-3 03/28/19	GMMW-4 03/01/95	GMMW-4 12/19/02	GMMW-4 06/18/03	GMMW-4 12/10/03	GMMW-4 06/17/04	GMMW-4 12/16/04	GMMW-4 06/22/05	GMMW-4 03/29/06	GMMW-4 03/21/07	GMMW-4 03/14/08
Inorganics													
Aluminum	--	mg/L	<0.100	12.0	NA	0.0910 B	0.860	<0.200	0.480	<0.240	<0.200	0.0250 J	<0.500
Antimony	0.006	mg/L	<0.00300	<0.0500	NA	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J	0.00190 B	<0.00100	<0.00200
Arsenic	0.01	mg/L	0.00550	0.0250	NA	0.00910 B	0.0140	<0.0100	<0.0140	0.0120	0.00940 B	0.0130	0.0160
Barium	2	mg/L	0.700	0.130	NA	0.150	0.150	0.110	0.140	0.120	0.120	0.140	0.160
Beryllium	0.004	mg/L	<0.00100	<0.00500	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00500
Cadmium	0.005	mg/L	<0.000500	<0.00500	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.0000600 J	<0.00250
Calcium	--	mg/L	300	200	NA	140	140	130	150	150	140	170 B	160
Chloride	--	mg/L	1,300	NA	NA	24.0	18.0	17.0	14.0	18.0	18.0	22.0	1.70 J
Chromium	0.1	mg/L	<0.00500	0.0450	NA	0.00420 B	0.00890 B	0.00290 B	<0.0100	0.00350 B	0.00250 B	0.00200 J	<0.0250
Cobalt	--	mg/L	0.000660 J	0.0120	NA	0.00290 B	0.00390 B	0.00310 B	0.00360 B	0.00270 B	0.00290 B	0.00470	0.00550
Copper	1.3	mg/L	0.000950 J	0.0780	NA	0.00680 B	0.0130	<0.0100	0.00810 B	0.00380 B	<0.0100	<0.00200	<0.0100
Cyanide	0.2	mg/L	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00180 B	<0.0100	<0.0100
Iron	--	mg/L	13.0	31.0	NA	13.0	20.0	9.60	24.0	15.0	17.0	13.0	12.0
Lead	0.015	mg/L	<0.000630 B	0.0330	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000240 J	<0.00250
Magnesium	--	mg/L	99.0	130	NA	59.0	50.0	44.0	44.0	44.0	44.0	55.0	62.0
Manganese	--	mg/L	0.210	0.500	NA	0.570	1.00 J	0.500	1.30	0.670	0.670	0.520	0.460
Mercury	0.002	mg/L	<0.000200 J	<0.000200	NA	<0.000200	<0.000200	0.0000680 B	0.000260	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.0110	0.0640	NA	0.0220	0.0380	0.0200	0.0310	0.0310	0.0190	0.0240 B	0.00270
Potassium	--	mg/L	2.90	4.70	NA	3.60	3.70	2.70	2.30	2.40 J	2.60 J	3.10	3.70
Selenium	0.05	mg/L	<0.00250	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00440 B	<0.00250	<0.0130
Silver	--	mg/L	<0.000500	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.00250
Sodium	--	mg/L	440	18.0	NA	37.0	27.0 J	24.0	18.0	23.0	24.0	32.0	26.0
Thallium	0.002	mg/L	<0.00200	<0.0100	NA	<0.0100	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	0.0400	NA	<0.00500	0.00240 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250
Zinc	--	mg/L	<0.0200	0.350	NA	<0.0530	0.0850 J	0.0460	0.0560	0.0290	<0.0200	0.00610 J	<0.100 B
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	0.0400 B	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	<0.0200	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	0.00770 B	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	0.170	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	<0.00400	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	<0.00200	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	150	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	20.0	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	0.00350 B	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	0.00230 B	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-3 03/28/19	GMMW-4 03/01/95	GMMW-4 12/19/02	GMMW-4 06/18/03	GMMW-4 12/10/03	GMMW-4 06/17/04	GMMW-4 12/16/04	GMMW-4 06/22/05	GMMW-4 03/29/06	GMMW-4 03/21/07	GMMW-4 03/14/08
Copper	1.3	mg/L	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	22.0	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	56.0	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	1.40	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	<0.000200	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	0.0180	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	3.80	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	32.0	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	0.0230	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-4 03/04/09	GMMW-4 03/31/10	GMMW-4 03/30/11	GMMW-4 03/20/12	GMMW-4 03/20/13	GMMW-4 09/30/14	GMMW-4 03/28/19	GMMW-5 03/07/95
Inorganics										
Aluminum	--	mg/L	0.0650 J	0.0330 J	3.20 J [2.10 J]	0.0490 J [0.0520 J]	<0.0190	0.0560 J	<0.100	79.0
Antimony	0.006	mg/L	<0.00200	0.000200 J	0.00340 J [<0.00300 B]	<0.00300 [<0.00300]	<0.000480	<0.00300	<0.00300	<0.0500
Arsenic	0.01	mg/L	0.0210	0.0230	0.0530 J [0.0380 J]	0.0140 [0.0140]	0.0150	0.0210	0.0180	0.0430
Barium	2	mg/L	0.170	0.180	0.230 [0.220]	0.150 [0.150]	0.150	0.160	0.110	0.940
Beryllium	0.004	mg/L	0.000200 J	<0.00100	0.000250 J [<0.00100]	<0.00100 [<0.00100]	<0.000170	<0.00100	<0.00100	<0.00500
Cadmium	0.005	mg/L	0.000140 J	<0.000500	0.00600 J [0.00330 J]	<0.000500 [0.000170 J]	0.000120 J	<0.000500	<0.000500	<0.00500
Calcium	--	mg/L	180	200	200 [210]	170 [170]	170	160	140	620
Chloride	--	mg/L	11.0	13.0	16.0 [14.0]	20.0 [15.0]	14.0	15.0	17.0	NA
Chromium	0.1	mg/L	0.00240 J	0.00140 J	0.0460 [0.0360]	0.000650 J [0.00190 J]	0.00140 J	0.00140 J	<0.00500	0.130
Cobalt	--	mg/L	0.00820 J	0.0120	0.0160 [0.0150]	0.00980 [0.0100]	0.00900	0.00830	0.00630	0.0550
Copper	1.3	mg/L	0.00250	<0.00200 B	0.0710 [0.0590]	0.000960 J [0.00140 J]	<0.000570	0.000640 J	<0.00200	0.130
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.00330	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	16.0	15.0	41.0 [37.0]	9.30 [9.70]	12.0	10.0	6.80	130
Lead	0.015	mg/L	<0.000500 B	<0.000500 B	0.00710 J [0.00510 J]	<0.000500 B [0.000770 J]	<0.000500 B	0.000180 J	<0.000580 B	0.0710
Magnesium	--	mg/L	59.0	74.0	65.0 [67.0]	65.0 J [65.0 J]	64.0	57.0	51.0	190
Manganese	--	mg/L	0.590 J	0.540	0.850 [0.840]	0.610 [0.630]	0.710	0.640	0.510	2.80
Mercury	0.002	mg/L	<0.000200	<0.000200	0.000340 [0.000120 J]	<0.000200 [<0.000200]	<0.0000710	<0.000200	<0.000200 J	<0.000200
Nickel	--	mg/L	0.0370 J	0.0390	0.130 [0.110]	0.0290 [0.0310]	0.0270	0.0240	0.0160	0.150
Potassium	--	mg/L	3.10	3.70	4.50 [4.70]	4.20 [4.30]	4.00	4.20	3.30	19.0
Selenium	0.05	mg/L	<0.00250	<0.00250	<0.0120 [<0.00250 B]	<0.00250 [<0.00250]	<0.000250	<0.00250	<0.00250	<0.0100
Silver	--	mg/L	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.0000690	<0.000500	<0.000500	<0.0100
Sodium	--	mg/L	17.0	20.0	21.0 [22.0]	26.0 [26.0]	26.0	28.0	30.0	14.0
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200 [<0.00200]	<0.00200 [<0.00200]	<0.000270	<0.00200	<0.00200	<0.0100
Vanadium	--	mg/L	0.000630 J	<0.00500	0.0130 J [0.00960 J]	0.000340 J [0.000390 J]	<0.000340	<0.00500	<0.00500	0.180
Zinc	--	mg/L	0.0230 J	0.0280	0.370 J [0.260 J]	0.0440 J [0.0480 J]	0.0410	0.0510	0.0300	0.400
Inorganics-Filtered										
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-4 03/04/09	GMMW-4 03/31/10	GMMW-4 03/30/11	GMMW-4 03/20/12	GMMW-4 03/20/13	GMMW-4 09/30/14	GMMW-4 03/28/19	GMMW-5 03/07/95
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-5 12/17/02	GMMW-5 06/18/03	GMMW-5 12/09/03	GMMW-5 06/16/04	GMMW-5 12/15/04	GMMW-5 06/22/05	GMMW-5 03/29/06	GMMW-5 03/20/07	GMMW-5 03/13/08	GMMW-5 03/03/09	GMMW-5 03/30/10
Inorganics													
Aluminum	--	mg/L	NA	<0.200	0.0350 B	<0.200	<0.200	<0.200	<0.200	0.0260 J	0.280 J	<0.100	0.0310 J
Antimony	0.006	mg/L	NA	<0.0200	<0.00600	<0.00600	<0.00600	0.00360 J	<0.00600	<0.00100	<0.00200	<0.00200	0.000210 J
Arsenic	0.01	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	0.00750 B	0.00300 B	0.00810	0.0190	0.00750	0.0160
Barium	2	mg/L	NA	0.390	0.400	0.410	0.460	0.440	0.300	0.350	0.340	0.350	0.330
Beryllium	0.004	mg/L	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00500	<0.00100	<0.00100
Cadmium	0.005	mg/L	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500	<0.00250	<0.000500	<0.000500
Calcium	--	mg/L	NA	99.0	100	100	120	140	99.0	120 B	110	110	120
Chloride	--	mg/L	NA	8.50	5.90	9.10	23.0	65.0	46.0	41.0	31.0	33.0	22.0
Chromium	0.1	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500	<0.0250	<0.00500 J	<0.00500
Cobalt	--	mg/L	NA	0.00150 B	0.00170 B	<0.00500	0.00140 B	0.00190 B	<0.00500	0.000890 J	<0.00500	<0.00100 B	0.000380 J
Copper	1.3	mg/L	NA	0.00160 B	0.00180 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.00200	<0.0100	<0.00200	<0.00200
Cyanide	0.2	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	NA	3.80	2.90	5.80	5.90	11.0	6.40	7.70	17.0	8.90	10.0
Lead	0.015	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00100	<0.00250 B	<0.000500 B	<0.000500 B
Magnesium	--	mg/L	NA	46.0	46.0	46.0	51.0	51.0	39.0	49.0	40.0	48.0	47.0
Manganese	--	mg/L	NA	0.250	0.220	0.200	0.290	0.420	0.240	0.220	0.210	0.280 J	0.190
Mercury	0.002	mg/L	NA	<0.000200	<0.000200	<0.000200	0.0000980 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	0.00330 B	<0.0100	0.00160 J	0.00210 J	0.00290 J	0.000980 J
Potassium	--	mg/L	NA	2.10	2.50	2.30	2.30	1.80	1.50	1.60	2.80	1.70	1.60
Selenium	0.05	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00250	<0.0130	<0.00250	<0.00250
Silver	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.00250	<0.000500	<0.000500
Sodium	--	mg/L	NA	18.0	17.0	16.0	14.0	13.0	11.0	15.0	13.0	16.0	18.0
Thallium	0.002	mg/L	NA	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500
Zinc	--	mg/L	NA	<0.0230	<0.0200	<0.0200	0.00340 B	<0.0200	<0.0200	0.00460 J	<0.100 B	<0.0200 B	0.00680 J
Inorganics-Filtered													
Aluminum	--	mg/L	0.0290 B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	<0.0200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	0.360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	<0.00400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	<0.00200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	99.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	7.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	0.00370 B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-5 12/17/02	GMMW-5 06/18/03	GMMW-5 12/09/03	GMMW-5 06/16/04	GMMW-5 12/15/04	GMMW-5 06/22/05	GMMW-5 03/29/06	GMMW-5 03/20/07	GMMW-5 03/13/08	GMMW-5 03/03/09	GMMW-5 03/30/10
Copper	1.3	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	0.00550 B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	0.140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	45.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	0.360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	<0.000200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	2.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	16.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	0.0180 B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-5 03/29/11	GMMW-5 03/21/12	GMMW-5 03/20/13	GMMW-5 09/30/14	GMMW-5 03/28/19	GMMW-6 03/02/95	GMMW-6 12/18/02	GMMW-6 03/26/03	GMMW-6 06/17/03	GMMW-6 09/24/03	GMMW-6 12/09/03
Inorganics													
Aluminum	--	mg/L	<0.100	0.0320 J	<0.0190	<0.100	0.210	9.30	NA	NA	0.870	1.60	3.40
Antimony	0.006	mg/L	<0.00300 B	<0.00300	<0.000480	<0.00300	<0.00300	<0.0500	NA	<0.0200	<0.0200	<0.00300	<0.00600
Arsenic	0.01	mg/L	0.00660	0.00650	0.00360	0.00750	0.00500	0.0180	NA	NA	<0.0100	0.00780 B	0.00660 B
Barium	2	mg/L	0.320	0.270	0.260	0.280	0.250	0.180	NA	NA	0.160	0.200	0.230
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00500	NA	NA	<0.00400	<0.00400	0.000260 B
Cadmium	0.005	mg/L	<0.000500	<0.000500	<0.000100	<0.000500	<0.000500	<0.00500	NA	NA	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	120	130	110	110	91.0	170	NA	NA	250	260	260
Chloride	--	mg/L	25.0	34.0	21.0	19.0	26.0	NA	NA	270	350	350 J	360
Chromium	0.1	mg/L	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500	0.0130	NA	NA	0.00150 B	0.00220 B	0.00480 B
Cobalt	--	mg/L	0.000450 J	0.000550 J	0.000200 J	<0.00100	<0.00100	<0.0100	NA	NA	<0.00500	<0.00500	0.00210 B
Copper	1.3	mg/L	<0.00200	<0.00200	<0.000570	<0.00200	<0.00200	0.0350	NA	NA	0.00310 B	0.0130	0.00850 B
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.00330	<0.0100	<0.0100	<0.0100	NA	<0.0100 J	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	5.80	7.50	2.30	5.60	5.60	23.0	NA	NA	8.30	9.90	10.0
Lead	0.015	mg/L	<0.00500	<0.000500	<0.000160	<0.000500	<0.000830 B	0.0240	NA	<0.00500	<0.00500	0.00380 B	0.00470 B
Magnesium	--	mg/L	46.0	53.0 J	46.0	40.0	45.0	37.0	NA	NA	61.0	64.0	66.0
Manganese	--	mg/L	0.280	0.530	0.210	0.180	0.310	0.670	NA	NA	0.850	0.890	0.920
Mercury	0.002	mg/L	0.0000860 J	<0.000200	<0.0000710	<0.000200	<0.000200 J	<0.000200	NA	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.00110 J	0.000650 J	0.000630 J	<0.00200	0.000750 J	<0.0400	NA	NA	<0.0100	0.00220 B	0.00490 B
Potassium	--	mg/L	1.60	1.40	1.50	1.60	1.30	2.70	NA	NA	4.30	5.50 J	6.50
Selenium	0.05	mg/L	<0.00250 B	<0.00250	<0.000250	<0.00250	<0.00250	<0.0100	NA	NA	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.0100	NA	NA	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	18.0	19.0	18.0	17.0	18.0	6.50	NA	NA	70.0	76.0	76.0
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.0100	NA	NA	<0.0100	<0.0100	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	0.0310	NA	NA	<0.00500	0.00430 B	0.00890
Zinc	--	mg/L	0.00420 J	<0.0200	<0.00630	0.00970 J	<0.0200	0.0820	NA	NA	<0.0220	<0.0210	0.0220
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	0.0270 B	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	<0.0200	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	0.140	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	<0.00400	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	<0.00200	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	300	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	270	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-5 03/29/11	GMMW-5 03/21/12	GMMW-5 03/20/13	GMMW-5 09/30/14	GMMW-5 03/28/19	GMMW-6 03/02/95	GMMW-6 12/18/02	GMMW-6 03/26/03	GMMW-6 06/17/03	GMMW-6 09/24/03	GMMW-6 12/09/03
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	1.40	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	75.0	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	0.900	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	<0.000200	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	5.00	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	70.0	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	0.0180 B	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 03/16/04	GMMW-6 06/16/04	GMMW-6 09/14/04	GMMW-6 12/15/04	GMMW-6 03/30/05	GMMW-6 06/22/05	GMMW-6 09/13/05	GMMW-6 03/29/06	GMMW-6 09/21/06	GMMW-6 03/20/07	GMMW-6 09/12/07
Inorganics													
Aluminum	--	mg/L	3.20 J	1.20	0.0310 B	0.120 B	2.10	1.00	3.10	1.40	<0.200	0.0220 J	0.700
Antimony	0.006	mg/L	<0.00600	<0.00600	<0.00600	<0.00600	0.00350 B	<0.00600	<0.00600	0.00430 B	<0.00600	<0.00100	<0.00100
Arsenic	0.01	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	0.00240 B	0.00480 B	0.0120 J	<0.0100	<0.0100	0.000940 J	0.00100
Barium	2	mg/L	0.180	0.130	0.110	0.190	0.170	0.260	0.240	0.350	0.270	0.0920	0.110
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.0000510 J	0.0000580 J
Calcium	--	mg/L	240	220	200	220	250	290	200 J	310	250	21.0 B	23.0 J
Chloride	--	mg/L	290	260	320	290	280	350	440	210	230	8.40	5.90 J
Chromium	0.1	mg/L	0.00410 B	0.00240 B	<0.0100	<0.0100	0.00410 B	0.00250 B	0.00590 B	0.00230 B	<0.0100	0.000740 J	0.00140 J
Cobalt	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	0.00160 B	0.00290 B	0.00310 B	<0.00500	<0.00500	<0.00100	0.000380 J
Copper	1.3	mg/L	0.00740 B	<0.0100	<0.0100	0.00340 B	0.00450 B	0.00290 B	0.0200	<0.0100	<0.0100	<0.00200	<0.00200 B
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00310 B	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	8.90	6.40	2.60	3.50	6.70 J	4.50	7.10 J	3.60	1.30	0.270	1.20
Lead	0.015	mg/L	0.00390 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00420 B	0.00280 B	<0.00500	0.000210 J	<0.00100 B
Magnesium	--	mg/L	64.0	61.0	58.0	60.0	70.0	70.0	53.0 J	82.0	68.0	14.0	14.0
Manganese	--	mg/L	0.800	0.780	0.580	0.610	0.700	0.650	0.570 J	0.740	0.450	0.00270	0.0300
Mercury	0.002	mg/L	<0.000200	0.0000750 B	0.000170 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B
Nickel	--	mg/L	0.00510 B	0.00230 B	<0.0100	<0.0100	0.00400 B	0.00500 B	0.00630 B	0.00200 B	<0.0100	<0.00100	0.00100
Potassium	--	mg/L	5.50	5.10	5.90	5.00 J	5.80 J	4.50 J	6.50 J	5.50 J	5.10 J	4.20	3.90
Selenium	0.05	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00600 B	<0.0100	<0.00250	<0.00250
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500
Sodium	--	mg/L	68.0	60.0	77.0	77.0	91.0	80.0	82.0	67.0	66.0	37.0	34.0 B
Thallium	0.002	mg/L	<0.00200 J	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	0.00710	0.00230 B	<0.00500	<0.00500	0.00730	<0.00740	0.0130	<0.00500	<0.00500	<0.00500	0.00160 J
Zinc	--	mg/L	0.0230	<0.0200	<0.0200	<0.0200	0.0150 B	0.00910 B	0.0340	<0.0200	<0.0200	0.0120	<0.0100 B
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 03/16/04	GMMW-6 06/16/04	GMMW-6 09/14/04	GMMW-6 12/15/04	GMMW-6 03/30/05	GMMW-6 06/22/05	GMMW-6 09/13/05	GMMW-6 03/29/06	GMMW-6 09/21/06	GMMW-6 03/20/07	GMMW-6 09/12/07
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 03/13/08	GMMW-6 09/24/08	GMMW-6 03/03/09	GMMW-6 09/28/09	GMMW-6 03/30/10	GMMW-6 09/29/10	GMMW-6 03/29/11	GMMW-6 09/20/11	GMMW-6 03/20/12
Inorganics											
Aluminum	--	mg/L	1.40	1.30	0.160	0.850	0.310	0.520	0.390	0.470 [0.590]	0.0740 J
Antimony	0.006	mg/L	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00300	<0.00300	<0.00300 B	<0.00300 [<0.00300]	<0.00300
Arsenic	0.01	mg/L	0.00470 J	0.00260	0.000690 J	0.00400	0.00530	0.00120	0.00130	0.00160 [0.00210]	0.00150
Barium	2	mg/L	0.890	0.700	0.320	1.10	1.50	1.10	0.540	1.20 [1.30]	0.770
Beryllium	0.004	mg/L	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100 [<0.00100]	<0.00100
Cadmium	0.005	mg/L	<0.00250	<0.000500	<0.000500	<0.000500	0.000500	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.000500
Calcium	--	mg/L	190	230 J	220	200	150	180	230	190 [180]	200
Chloride	--	mg/L	61.0	41.0	32.0	28.0	29.0	26.0	17.0	18.0 [19.0]	15.0
Chromium	0.1	mg/L	<0.0250	0.00200 J	<0.00500 J	0.00180 J	0.000520 J	0.000970 J	0.000750 J	0.00110 J [0.00110 J]	<0.00500
Cobalt	--	mg/L	<0.00500	0.000880 J	<0.00100 J	0.000860 J	0.000420 J	0.000540 J	0.000450 J	<0.00100 B [<0.00100 B]	0.000180 J
Copper	1.3	mg/L	0.00430 J	0.00280	0.000610 J	0.00220	<0.00200 B	0.00150 J	<0.00200	0.00140 J [0.00170 J]	<0.00200
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 B	0.00110 J [<0.0100]	<0.0100
Iron	--	mg/L	5.20	3.60	1.90	5.30	12.0	3.50	4.80	4.00 [4.50]	6.40
Lead	0.015	mg/L	<0.00250 B	0.00200 J	0.000580 J	0.00160 J	0.000660 J	0.000810	0.000640	0.000780 [0.000940]	<0.000500 B
Magnesium	--	mg/L	76.0	76.0	68.0	78.0	76.0	69.0	72.0	69.0 [68.0]	68.0 J
Manganese	--	mg/L	0.550	0.640	0.620 J	0.660	0.560	0.490	0.720	0.550 [0.520]	0.520
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B [<0.000200 B]	<0.000200
Nickel	--	mg/L	0.00330 J	0.00240	<0.00200 B	0.00230	0.00450	0.00130 J	0.000100 J	<0.00200 B [<0.00200 B]	0.000530 J
Potassium	--	mg/L	5.30	5.50	3.70	6.10	5.00	5.80	4.30	5.60 [5.80]	4.20
Selenium	0.05	mg/L	<0.0130	0.000700 J	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250 B	<0.00250 [<0.00250]	<0.00250
Silver	--	mg/L	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.000500
Sodium	--	mg/L	64.0	54.0	34.0	64.0	56.0	46.0	29.0	39.0 [43.0]	33.0
Thallium	0.002	mg/L	<0.00200	<0.0200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 [<0.00200]	<0.00200
Vanadium	--	mg/L	0.00470 J	0.00400 J	0.000880 J	0.00300 J	<0.00500 B	0.00180 J	0.00140 J	0.00160 J [0.00200 J]	0.000430 J
Zinc	--	mg/L	<0.100 B	<0.0200 B	<0.0200 B	0.0130 J	0.00640 J	0.00770 J	0.00580 J	0.00510 J [0.00610 J]	0.0610 J
Inorganics-Filtered											
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 03/13/08	GMMW-6 09/24/08	GMMW-6 03/03/09	GMMW-6 09/28/09	GMMW-6 03/30/10	GMMW-6 09/29/10	GMMW-6 03/29/11	GMMW-6 09/20/11	GMMW-6 03/20/12
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 09/18/12	GMMW-6 03/19/13	GMMW-6 09/25/13	GMMW-6 09/29/14	GMMW-6 03/18/15	GMMW-6 09/23/16
Inorganics								
Aluminum	--	mg/L	0.0510 J [0.0870 J]	0.0490 J [0.0340 J]	0.790	0.430 [0.400]	0.200	0.240 [0.230]
Antimony	0.006	mg/L	<0.00300 [<0.00300]	<0.000480 [<0.000480]	<0.00300	<0.00300 [<0.00300]	<0.00300	<0.00300 [<0.00300]
Arsenic	0.01	mg/L	0.00150 [0.00170]	0.000440 J [0.000390 J]	0.00230	0.00200 [0.00180]	0.00340	<0.00150 B [0.00160]
Barium	2	mg/L	1.40 [1.40]	1.10 [1.00]	1.70	1.30 [1.20]	0.860	1.70 [1.70]
Beryllium	0.004	mg/L	<0.00100 [<0.00100]	<0.000170 [<0.000170]	<0.00100	<0.00100 [<0.00100]	<0.00100	<0.00100 [<0.00100]
Cadmium	0.005	mg/L	0.000210 J [0.000200 J]	0.000160 J [0.000180 J]	<0.000500	0.000350 J [<0.000500]	<0.000500	<0.000500 [<0.000500]
Calcium	--	mg/L	130 [130]	120 [120]	110	120 [120]	160	130 [130]
Chloride	--	mg/L	16.0 [16.0]	12.0 [12.0]	13.0	14.0 [17.0]	10.0	8.80 [9.60]
Chromium	0.1	mg/L	<0.00500 [<0.00500]	<0.000640 [0.000690 J]	0.00160 J	0.000800 J [0.000730 J]	<0.00500	<0.00500 [<0.00500]
Cobalt	--	mg/L	0.000190 J [0.000200 J]	0.000160 J [0.000140 J]	<0.00100 B	0.000460 J [0.000420 J]	0.000300 J	0.000360 J [0.000360 J]
Copper	1.3	mg/L	<0.00200 [<0.00200]	<0.000570 [<0.00200 B]	0.00270 J	0.00110 J [0.00120 J]	<0.00200	<0.00200 [<0.00200]
Cyanide	0.2	mg/L	<0.0100 [<0.0100]	<0.0100 B [<0.0100 B]	<0.0100 B	0.00510 J [<0.0100]	<0.0100	<0.0100 [<0.0100]
Iron	--	mg/L	2.50 [2.90]	2.80 [2.10]	7.10	2.80 [2.40]	8.80	2.90 [2.80]
Lead	0.015	mg/L	0.000230 J [0.000280 J]	<0.000500 B [<0.000160]	0.00140	0.000700 [0.000620]	0.000290 J	0.000470 J [0.000460 J]
Magnesium	--	mg/L	53.0 J [53.0 J]	52.0 [52.0]	50.0	50.0 [47.0]	62.0	59.0 [57.0]
Manganese	--	mg/L	0.410 [0.420]	0.350 [0.320]	0.410	0.320 [0.310]	0.420	0.380 [0.370]
Mercury	0.002	mg/L	<0.000200 [<0.000200]	<0.0000710 [<0.0000710]	<0.000200	<0.000200 [<0.000200]	<0.000200	<0.000200 [<0.000200]
Nickel	--	mg/L	<0.00200 [0.000610 J]	<0.000520 [<0.000520]	0.00200	0.00140 J [0.00120 J]	0.000880 J	0.000640 J [0.000620 J]
Potassium	--	mg/L	5.20 [5.10]	4.00 [3.90]	5.50	4.80 [4.40]	3.90	5.30 [5.20]
Selenium	0.05	mg/L	<0.00250 [<0.00250]	<0.000250 [<0.000250]	<0.00250	<0.00250 [<0.00250]	<0.00250	<0.00250 [<0.00250]
Silver	--	mg/L	<0.000500 [<0.000500]	<0.0000690 [<0.0000690]	<0.000500	<0.000500 [<0.000500]	<0.000500	<0.000500 [<0.000500]
Sodium	--	mg/L	41.0 [44.0]	31.0 [27.0]	37.0	29.0 [27.0]	26.0	24.0 [23.0]
Thallium	0.002	mg/L	<0.00200 [<0.00200]	<0.000270 [<0.000270]	<0.00200	<0.00200 [<0.00200]	<0.00200	<0.00200 J [<0.00200 J]
Vanadium	--	mg/L	<0.00500 [<0.00500]	<0.000340 [0.000400 J]	0.00280 J	0.00160 J [0.00150 J]	<0.00500	<0.00500 [<0.00500]
Zinc	--	mg/L	<0.0200 [0.00820 J]	0.00780 J [<0.00630]	<0.0200 B	<0.00920 B [<0.00820 B]	0.00610 J	0.00500 J [0.00470 J]
Inorganics-Filtered								
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 09/18/12	GMMW-6 03/19/13	GMMW-6 09/25/13	GMMW-6 09/29/14	GMMW-6 03/18/15	GMMW-6 09/23/16
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 03/14/17	GMMW-6 09/25/18	GMMW-6 03/28/19	GMMW-7 02/28/95	GMMW-7 12/17/02	GMMW-7 03/26/03	GMMW-7 06/17/03	GMMW-7 09/24/03	GMMW-7 12/09/03
Inorganics											
Aluminum	--	mg/L	0.190 J [0.170 J]	0.0720 J	0.0730 J [1.20 J]	8.80	NA	NA	3.30	0.520	0.270
Antimony	0.006	mg/L	<0.00300 [<0.00300]	<0.00300	<0.00300 [<0.00300]	<0.0500	NA	<0.0200	<0.0200	0.00250 B	<0.00600
Arsenic	0.01	mg/L	0.00130 [0.00110]	0.00150	0.00190 [0.00230]	<0.0100	NA	NA	<0.0100	<0.0100	<0.0100
Barium	2	mg/L	1.30 [1.20]	1.40	1.50 [1.40]	0.0840	NA	NA	0.0460	0.0360	0.0460
Beryllium	0.004	mg/L	<0.00100 [<0.00100]	<0.00100	<0.00100 [<0.00100]	<0.00500	NA	NA	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	<0.000500 [<0.000500]	<0.000500	<0.000500 [<0.000500]	<0.00500	NA	NA	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	150 [150]	140	140 [160]	120	NA	NA	90.0	110	140
Chloride	--	mg/L	8.20 [8.10]	51.0	4.80 [4.70]	NA	NA	2.30	7.90	12.0 J	20.0
Chromium	0.1	mg/L	<0.00500 [<0.00500]	<0.00500	<0.00500 [0.00130 J]	0.0170	NA	NA	0.00640 B	0.00160 B	<0.0100
Cobalt	--	mg/L	0.000330 J [0.000270 J]	<0.00100	<0.00100 [0.000930 J]	<0.0100	NA	NA	<0.00500	<0.00500	<0.00500
Copper	1.3	mg/L	<0.00200 [0.00110 J]	<0.00200	<0.00200 [0.00290]	0.0230	NA	NA	0.00720 B	<0.0100	0.00200 B
Cyanide	0.2	mg/L	<0.0100 [<0.0100]	<0.0100	<0.0100 [<0.0100]	<0.0100	NA	<0.0100 J	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	3.50 J [3.00 J]	2.60	6.70 [7.10]	14.0	NA	NA	3.70	0.470	0.150
Lead	0.015	mg/L	0.000300 J [0.000310 J]	<0.000500	<0.000560 BJ [0.00200 J]	0.0120	NA	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	--	mg/L	62.0 [59.0]	55.0	66.0 [66.0]	37.0	NA	NA	24.0	28.0	38.0
Manganese	--	mg/L	0.480 [0.450]	0.370	0.420 [0.470]	0.260	NA	NA	0.0420	0.00790 B	0.00210 B
Mercury	0.002	mg/L	<0.000200 [<0.000200]	<0.000200	<0.000200 J [<0.000200 J]	<0.000200	NA	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.000600 J [<0.00200]	<0.00200	<0.00200 [0.00250]	<0.0400	NA	NA	0.00290 B	<0.0100	<0.0100
Potassium	--	mg/L	4.10 [3.90]	3.70	3.40 [3.60]	2.30	NA	NA	1.20	0.470 BJ	<0.530
Selenium	0.05	mg/L	<0.00250 [<0.00250]	<0.00250	<0.00250 [<0.00250]	<0.0100	NA	NA	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500 [<0.000500]	<0.000500	<0.000500 [<0.000500]	<0.0100	NA	NA	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	29.0 [27.0]	22.0	20.0 [18.0]	7.70	NA	NA	5.40	6.10	8.70
Thallium	0.002	mg/L	<0.00200 [<0.00200]	<0.00200	<0.00200 [<0.00200]	<0.0100	NA	NA	<0.0100	<0.0100	<0.00200
Vanadium	--	mg/L	<0.00500 [<0.00500]	<0.00500	<0.00500 [0.00260 J]	0.0290	NA	NA	0.00700	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200 [<0.0200]	<0.0200	<0.0200 [0.0110 J]	0.0590	NA	NA	<0.0350	<0.0200	<0.0200
Inorganics-Filtered											
Aluminum	--	mg/L	NA	NA	NA	NA	0.0300 B	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	<0.0200	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	0.0230	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	<0.00400	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	<0.00200	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	72.0	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	<2.00	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-6 03/14/17	GMMW-6 09/25/18	GMMW-6 03/28/19	GMMW-7 02/28/95	GMMW-7 12/17/02	GMMW-7 03/26/03	GMMW-7 06/17/03	GMMW-7 09/24/03	GMMW-7 12/09/03
Copper	1.3	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	<0.0500	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	17.0	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	<0.000200	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	<0.500	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	4.10	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	0.0150 B	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-7 03/16/04	GMMW-7 06/16/04	GMMW-7 09/14/04	GMMW-7 12/14/04	GMMW-7 03/30/05	GMMW-7 06/21/05	GMMW-7 09/13/05	GMMW-7 03/28/06	GMMW-7 09/21/06	GMMW-7 03/20/07	GMMW-7 09/12/07
Inorganics													
Aluminum	--	mg/L	0.750	0.590	0.200	<0.200	<0.200	<0.200	0.0140 B	<0.200	<0.200	<0.100	0.0260 J
Antimony	0.006	mg/L	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600	<0.00600	<0.00600	<0.00100	<0.00100
Arsenic	0.01	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000430 J	<0.00100
Barium	2	mg/L	0.0520	0.0540	0.0470	0.0690	0.0570	0.0450	0.0450	0.0480	0.0380	0.0520	0.0490
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500	<0.000500
Calcium	--	mg/L	160	170	160	210	190	160	160 J	160	120	180	160 J
Chloride	--	mg/L	22.0	21.0	22.0	25.0	25.0	12.0	9.20	9.60	4.00	6.60	6.40 J
Chromium	0.1	mg/L	<0.0100	0.00230 B	<0.0100	<0.0100	0.00250 B	<0.0100	0.00310 B	0.00190 B	<0.0100	0.000680 J	<0.00500
Cobalt	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00100	<0.00100
Copper	1.3	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00200	<0.00200 B
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00230 B	0.00180 B	<0.0100	<0.0100	0.00500 J
Iron	--	mg/L	0.630	0.450	<0.0500	<0.100	<0.170	<0.100	<0.100	<0.0500	<0.100	<0.100	<0.100
Lead	0.015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00100	<0.00100 B
Magnesium	--	mg/L	42.0	46.0	41.0	64.0	58.0	41.0	40.0 J	46.0	33.0	52.0	42.0
Manganese	--	mg/L	0.0130	0.0170	0.00120 B	0.00140 B	0.0160	<0.0100	<0.0100	0.00740 B	<0.0100	0.00160	0.00120 J
Mercury	0.002	mg/L	<0.000200	<0.000200	0.0000890 B	<0.000200	<0.000200	<0.000200	<0.000200	0.0000890 B	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	0.000710 J
Potassium	--	mg/L	<0.500	<0.570	0.370 B	0.450 B	<0.560	<0.500	0.350 B	<0.500	0.230 B	0.290 J	0.360 J
Selenium	0.05	mg/L	0.00640 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000640 J	0.00280
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500
Sodium	--	mg/L	6.30	6.40	5.30	8.50	6.50	5.10	5.10	5.70	4.80	5.40	5.40 B
Thallium	0.002	mg/L	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	0.00250 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	<0.0200	0.00410 B	<0.0200	<0.0200	0.00680 B	<0.0200	<0.0200	<0.0100	<0.0100 B
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-7 03/16/04	GMMW-7 06/16/04	GMMW-7 09/14/04	GMMW-7 12/14/04	GMMW-7 03/30/05	GMMW-7 06/21/05	GMMW-7 09/13/05	GMMW-7 03/28/06	GMMW-7 09/21/06	GMMW-7 03/20/07	GMMW-7 09/12/07
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-7 03/13/08	GMMW-7 09/23/08	GMMW-7 03/03/09	GMMW-7 09/28/09	GMMW-7 03/30/10	GMMW-7 09/28/10	GMMW-7 03/30/11	GMMW-7 09/20/11	GMMW-7 03/20/12	GMMW-7 09/18/12
Inorganics												
Aluminum	--	mg/L	<0.500	0.0690 J	<0.100	0.0620 J	<0.100	<0.100	0.0300 J	<0.100	<0.100	<0.100
Antimony	0.006	mg/L	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Arsenic	0.01	mg/L	<0.00500	0.000290 J	0.000180 J	0.000240 J	0.000160 J	0.000160 J	0.000200 J	0.000140 J	<0.00100	0.000180 J
Barium	2	mg/L	0.0560	0.0400	0.0440	0.0480	0.0460	0.0560	0.0590	0.0680	0.0450	0.0620
Beryllium	0.004	mg/L	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	0.000120 J	<0.000500
Calcium	--	mg/L	160	130 J	140	150	160	190	200	220	170	210
Chloride	--	mg/L	5.00	2.30	2.50	1.10	3.00 J	2.10 J	3.30	<2.00 B	1.50 J	1.50 J
Chromium	0.1	mg/L	<0.0250	0.000550 J	0.000750 J	<0.00500	<0.00500	<0.00500	0.000820 J	<0.00500	<0.00500	<0.00500
Cobalt	--	mg/L	<0.00500	<0.00100	<0.00100 J	0.0000850 J	0.000100 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Copper	1.3	mg/L	<0.0100	0.00120 J	0.000900 J	0.000770 J	<0.00200 B	0.000870 J	<0.00200	0.000520 J	0.00100 J	0.000680 J
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 B	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	<0.500	0.140	<0.100	0.0870 J	<0.100	<0.100	0.0720 J	0.0140 J	<0.100	<0.100
Lead	0.015	mg/L	<0.00250	<0.000500 B	<0.000500 B	<0.000500 B	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500 B	<0.000500
Magnesium	--	mg/L	50.0	36.0	39.0	40.0	46.0	46.0	47.0	47.0	39.0 J	47.0 J
Manganese	--	mg/L	<0.0130	0.0170	0.000570 J	<0.00250 B	0.000470 J	0.000790 J	<0.00250 B	<0.00250	<0.00250	<0.00250
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200
Nickel	--	mg/L	<0.0100	0.000680 J	<0.00200 B	0.000840 J	0.000500 J	0.000570 J	0.000810 J	<0.00200 B	0.000690 J	0.000690 J
Potassium	--	mg/L	<2.50	0.400 J	0.310 J	0.460 J	0.240 J	0.480 J	0.320 J	0.370 J	0.310 J	0.350 J
Selenium	0.05	mg/L	<0.0130	0.00130 J	0.000840 J	0.000770 J	0.000840 J	0.000820 J	<0.00250 B	0.000560 J	0.000280 J	0.000630 J
Silver	--	mg/L	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	5.50	6.00	5.10	5.90	6.30	9.80	7.30	9.30	7.50	8.30
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.0250	0.000560 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.100	<0.0200 B	<0.0200 B	<0.0200	<0.0200	<0.0200	0.00460 J	<0.0200	<0.0200	<0.0200
Inorganics-Filtered												
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-7 03/13/08	GMMW-7 09/23/08	GMMW-7 03/03/09	GMMW-7 09/28/09	GMMW-7 03/30/10	GMMW-7 09/28/10	GMMW-7 03/30/11	GMMW-7 09/20/11	GMMW-7 03/20/12	GMMW-7 09/18/12
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-7 03/19/13	GMMW-7 09/25/13	GMMW-7 09/29/14	GMMW-7 03/18/15	GMMW-7 09/24/16	GMMW-7 03/14/17	GMMW-7 09/24/18	GMMW-7 03/27/19	GMMW-9 03/30/95	GMMW-10 03/06/95	GMMW-10 06/21/05
Inorganics													
Aluminum	--	mg/L	<0.0190	<0.100 B	<0.100	<0.100	<0.100	<0.100 J	<0.100	<0.100	4.60	63.0	<0.200
Antimony	0.006	mg/L	<0.000480	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.0500	<0.0500	<0.00600 J
Arsenic	0.01	mg/L	<0.000150	0.000160 J	0.000970 J	0.00150 J	<0.00100	<0.00100	0.000480 J	0.000580 J	<0.0100	0.0690	<0.0100
Barium	2	mg/L	0.0470	0.0440	0.0400	0.0430	0.0560	0.0530	0.0420	0.0390	0.0800	0.550	0.0440
Beryllium	0.004	mg/L	<0.000170	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00500	<0.00400
Cadmium	0.005	mg/L	<0.000100	<0.000500	<0.000500	0.000200 J	<0.000500	<0.000500	<0.000500	<0.000500	<0.00500	<0.00500	<0.00200
Calcium	--	mg/L	160	160	130	160	190	190	150	150	130	600	410
Chloride	--	mg/L	1.30 J	2.30 J	<2.00	<2.00	1.40 J	1.10 J	<2.00	<2.00	NA	NA	26.0
Chromium	0.1	mg/L	<0.000640	0.000530 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0120	0.0940	<0.0100
Cobalt	--	mg/L	<0.000130	<0.00100 B	<0.00100	<0.00100	0.000310 J	<0.00100	<0.00100	<0.00100	<0.0100	0.0440	0.00330 B
Copper	1.3	mg/L	<0.000570	<0.00200 B	0.00160 J	<0.00200	<0.00200	0.000980 J	0.000730 J	<0.00200	<0.0250	0.120	<0.0100
Cyanide	0.2	mg/L	<0.0100 B	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00190 B
Iron	--	mg/L	<0.0370	0.0560 J	0.0170 J	<0.100	0.0580 J	<0.100 J	<0.100	<0.100	9.40	120	3.50
Lead	0.015	mg/L	<0.000160	<0.000500 J	<0.000500	<0.000500	<0.000500 J	<0.000500	<0.000500	<0.000880 B	0.00500	0.0540	<0.00500
Magnesium	--	mg/L	40.0	36.0	31.0	40.0	43.0	44.0	33.0	34.0	42.0	140	84.0
Manganese	--	mg/L	<0.000630	<0.00250 B	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	0.170	3.30	2.10
Mercury	0.002	mg/L	<0.0000710	<0.000200	<0.000200	<0.000200	0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.000540 J	<0.00200 B	0.000750 J	0.000870 J	0.000700 J	0.000590 J	<0.00200	0.000700 J	<0.0400	0.140	0.00760 B
Potassium	--	mg/L	0.300 J	0.360 J	0.210 J	0.270 J	0.320 J	0.260 J	0.220 J	0.170 J	4.50	20.0	7.70 J
Selenium	0.05	mg/L	0.000620 J	0.000620 J	0.000830 J	<0.00250	0.00110 J	<0.00250	<0.00250	<0.00250	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.0000690	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0100	<0.0100	<0.00500
Sodium	--	mg/L	7.20	5.50	5.80	5.20	5.60	6.30	4.70	4.20	14.0	25.0	14.0
Thallium	0.002	mg/L	<0.000270	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.0100	<0.0100	<0.00200
Vanadium	--	mg/L	<0.000340	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0120	0.0120	<0.00500
Zinc	--	mg/L	<0.00630	<0.0200 B	<0.0130 B	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0370	0.0370	<0.0200
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-7 03/19/13	GMMW-7 09/25/13	GMMW-7 09/29/14	GMMW-7 03/18/15	GMMW-7 09/24/16	GMMW-7 03/14/17	GMMW-7 09/24/18	GMMW-7 03/27/19	GMMW-9 03/30/95	GMMW-10 03/06/95	GMMW-10 06/21/05
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-10 09/13/05	GMMW-11 03/14/95	GMMW-11 12/19/02	GMMW-11 06/18/03	GMMW-11 12/10/03	GMMW-11 06/17/04	GMMW-11 12/15/04	GMMW-11 06/22/05	GMMW-11 03/29/06	GMMW-11 03/21/07	GMMW-11 03/14/08
Inorganics													
Aluminum	--	mg/L	<0.200	5.20	NA	0.150 B	0.0840 B	<0.200	0.0350 B	<0.200	<0.200	0.0310 J	<0.500
Antimony	0.006	mg/L	0.00420 B	<0.0500	NA	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600	<0.00100	<0.00200
Arsenic	0.01	mg/L	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000870 J	0.00100 J
Barium	2	mg/L	0.0480	0.130	NA	0.0460	0.0440	0.0440	0.0430	0.0430	0.130	0.0430	0.0530
Beryllium	0.004	mg/L	<0.00400	<0.00500	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00500
Cadmium	0.005	mg/L	<0.00200	<0.00500	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500	<0.00250
Calcium	--	mg/L	390 J	170	NA	130	130	130	130	130	54.0	130 B	110
Chloride	--	mg/L	56.0	NA	NA	12.0	12.0	11.0	9.30	11.0	3.20	7.90	8.90
Chromium	0.1	mg/L	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000920 J	<0.0250
Cobalt	--	mg/L	0.00330 B	0.0160	NA	0.0140	0.0150	0.0130	0.0140	0.00990	<0.00500	0.00760	0.00580
Copper	1.3	mg/L	<0.0100	<0.0250	NA	<0.0100	0.00640 B	<0.0100	<0.0100	0.00600 B	<0.0100	<0.00200	<0.0100
Cyanide	0.2	mg/L	<0.00100	0.0140	NA	<0.0100	<0.0100	<0.0100	<0.0100	0.00210 B	0.00200 B	<0.0100	<0.0100
Iron	--	mg/L	4.20 J	7.80	NA	<0.0500	0.350	0.340	<0.0500	<0.140	0.0590 B	0.460	0.670
Lead	0.015	mg/L	<0.00500	<0.0100	NA	<0.00500	0.00680	<0.00500	<0.00500	<0.00500	<0.00500	0.000100 J	<0.00250
Magnesium	--	mg/L	83.0 J	61.0	NA	49.0	48.0	49.0	49.0	46.0	26.0	46.0	45.0
Manganese	--	mg/L	2.60 J	0.480	NA	0.0180	0.240	0.0730	0.330	0.0460	<0.0100	0.120	0.0560
Mercury	0.002	mg/L	<0.000200	<0.000200	NA	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.00830 B	<0.0400	NA	<0.0100	0.00340 B	0.00220 B	0.00140 B	0.00350 B	<0.0100	0.00280 J	0.00300 J
Potassium	--	mg/L	10.0 J	3.60	NA	2.30	2.70	2.30	2.40	2.10	1.70	1.70	1.90 J
Selenium	0.05	mg/L	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.0100	0.00480 B	<0.0100	<0.0100	<0.00250	<0.0130
Silver	--	mg/L	<0.00500	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.00250
Sodium	--	mg/L	21.0	48.0	NA	60.0	54.0	55.0	50.0	46.0	16.0	43.0 B	39.0
Thallium	0.002	mg/L	<0.00200	<0.0100	NA	<0.0100	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00820	0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250
Zinc	--	mg/L	<0.0200	0.0250	NA	<0.0200	0.0140 B	<0.0200	0.00420 B	<0.0200	<0.0200	0.00670 J	<0.100
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	0.0330 B	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	<0.0200	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	0.0500	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	<0.00400	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	<0.00200	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	130	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	12.0	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	0.0160	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-10 09/13/05	GMMW-11 03/14/95	GMMW-11 12/19/02	GMMW-11 06/18/03	GMMW-11 12/10/03	GMMW-11 06/17/04	GMMW-11 12/15/04	GMMW-11 06/22/05	GMMW-11 03/29/06	GMMW-11 03/21/07	GMMW-11 03/14/08
Copper	1.3	mg/L	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	<0.0500	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	50.0	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	0.360	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	<0.000200	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	0.00380 B	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	2.90	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	62.0	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	0.0320	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-11 03/04/09	GMMW-11 03/31/10	GMMW-11 03/30/11	GMMW-11 03/20/12	GMMW-11 03/20/13	GMMW-11 09/30/14	GMMW-11 03/27/19	GMMW-12 02/28/95	GMMW-12 12/17/02	GMMW-12 03/26/03	GMMW-12 06/17/03
Inorganics													
Aluminum	--	mg/L	0.0310 J	<0.100	<0.100	<0.100	<0.0190	<0.100	<0.100	20.0	NA	NA	3.20
Antimony	0.006	mg/L	<0.00200	<0.00300	<0.00300 B	<0.00300	<0.000480	<0.00300	<0.00300	<0.0500	NA	<0.0200	<0.0200
Arsenic	0.01	mg/L	0.00210	0.000810 J	0.00180	0.000350 J	0.000830 J	0.00170	0.000870 J	0.0340	NA	NA	<0.0100
Barium	2	mg/L	0.0510	0.0560	0.0610	0.0580	0.0690	0.0760	0.110	0.180	NA	NA	0.100
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00500	NA	NA	<0.00400
Cadmium	0.005	mg/L	0.000160 J	<0.000500	0.000890	0.000180 J	0.000300 J	0.000900	<0.000500	<0.00500	NA	NA	<0.00200
Calcium	--	mg/L	100	120	100	110	110	110	96.0	220	NA	NA	180
Chloride	--	mg/L	7.40	7.20	5.40	7.90	7.50	7.70	9.10	NA	NA	20.0	17.0
Chromium	0.1	mg/L	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500	0.0330	NA	NA	0.00390 B
Cobalt	--	mg/L	0.00450 J	0.00410	0.00350	0.00320	0.00280	0.00320	0.00290	0.0220	NA	NA	0.00130 B
Copper	1.3	mg/L	0.00130 J	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00200	<0.00200	0.0630	NA	NA	0.00780 B
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100	<0.0100	<0.0100	NA	<0.0100 J	<0.0100
Iron	--	mg/L	1.50	0.430	1.20	0.200	0.490	0.410	0.470	45.0	NA	NA	4.80
Lead	0.015	mg/L	<0.000500 B	<0.000500	<0.000500	<0.000500	<0.000160	0.000130 J	<0.000500 B	0.0310	NA	0.00520	<0.00500
Magnesium	--	mg/L	40.0	46.0	41.0	43.0 J	42.0	42.0	41.0	72.0	NA	NA	39.0
Manganese	--	mg/L	0.0800 J	0.110	0.0930	0.0610	0.0810	0.330	0.130	1.70	NA	NA	0.430
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	<0.000200	NA	0.0000520 B	<0.000200
Nickel	--	mg/L	0.00270 J	0.00230	0.00270	0.00140 J	0.00220	0.00240	0.00200	0.0580	NA	NA	0.0110
Potassium	--	mg/L	1.80	1.70	1.80	1.70	1.70	1.60	1.50	4.30	NA	NA	1.80
Selenium	0.05	mg/L	<0.00250	<0.00250	<0.00250 B	<0.00250	<0.000250	<0.00250	<0.00250	<0.0100	NA	NA	0.00840 B
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.0100	NA	NA	<0.00500
Sodium	--	mg/L	35.0	38.0	32.0	35.0	34.0	37.0	36.0	3.20	NA	NA	5.20
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.0100	NA	NA	<0.0100
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	0.0650	NA	NA	0.00800
Zinc	--	mg/L	<0.0200 B	<0.0200	0.00640 J	<0.0200	<0.00630	<0.00660 B	<0.0200	0.170	NA	NA	<0.0390
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0340 B	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0200	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0530	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00400	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00200	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	140	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	7.00	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-11 03/04/09	GMMW-11 03/31/10	GMMW-11 03/30/11	GMMW-11 03/20/12	GMMW-11 03/20/13	GMMW-11 09/30/14	GMMW-11 03/27/19	GMMW-12 02/28/95	GMMW-12 12/17/02	GMMW-12 03/26/03	GMMW-12 06/17/03
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00220 B	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0500	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	28.0	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.000200	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.680	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	5.40	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0380	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-12 09/24/03	GMMW-12 12/09/03	GMMW-12 03/16/04	GMMW-12 06/16/04	GMMW-12 09/14/04	GMMW-12 12/14/04	GMMW-12 03/30/05	GMMW-12 06/21/05	GMMW-12 09/13/05	GMMW-12 03/28/06	GMMW-12 09/20/06
Inorganics													
Aluminum	--	mg/L	0.420	0.450	1.40 J	<0.200	<0.200	0.0800 B	<0.200	<0.200	0.130 B	<0.200	<0.200
Antimony	0.006	mg/L	<0.00300	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600	<0.00600	<0.00600
Arsenic	0.01	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	2	mg/L	0.0940	0.0740	0.0620	0.0750	0.0560	0.0520	0.0350	0.0390	0.0390	0.0370	0.0490
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	<0.00200	<0.00200	<0.00200	0.000440 B	<0.00200	<0.00200	<0.00200	0.000400 B	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	190	170	130	140	140	140	110	110	120 J	130	100
Chloride	--	mg/L	13.0 J	12.0	7.70	3.10	6.40	8.80	2.40	2.90	6.70	2.70	<2.00
Chromium	0.1	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00290 B	<0.0100	0.00150 B	<0.0100	0.00140 B
Cobalt	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00250 B
Copper	1.3	mg/L	<0.0100	0.00410 B	0.00320 B	<0.0100	<0.0100	<0.0100	<0.0100	0.00250 B	<0.0100	<0.0100	0.00340 B
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	0.560	0.510	1.80	0.220	<0.0500	<0.0500	<0.120	<0.120	0.200	<0.0500	<0.100
Lead	0.015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	--	mg/L	38.0	35.0	28.0	25.0	29.0	30.0	24.0	24.0	25.0 J	27.0	23.0
Manganese	--	mg/L	0.0710	0.0790	0.360	0.420	0.0370	0.130	0.540	0.0980	0.350 J	0.0430	0.170
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	0.0000700 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.00590 B	0.00510 B	0.00720 B	0.00720 B	0.00230 B	0.00180 B	0.00490	0.00270 B	0.00410 B	<0.0100	0.00400 B
Potassium	--	mg/L	2.00 J	1.30	1.20	1.50	0.820	0.710	<0.610	<0.600	0.510	0.510	0.630
Selenium	0.05	mg/L	<0.0100	<0.0100	0.00670 B	<0.0100	<0.0100	0.00320 B	0.00520 B	0.00460 B	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	7.40	4.90	4.60	6.50	3.80	3.90	2.70	2.70	2.90	2.80	3.40
Thallium	0.002	mg/L	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	0.00310 B	<0.00500	<0.00500	<0.00500	0.00160 B	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.00310 B	<0.0200	<0.0200	0.0110 B	<0.0200	0.00650 B
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-12 09/24/03	GMMW-12 12/09/03	GMMW-12 03/16/04	GMMW-12 06/16/04	GMMW-12 09/14/04	GMMW-12 12/14/04	GMMW-12 03/30/05	GMMW-12 06/21/05	GMMW-12 09/13/05	GMMW-12 03/28/06	GMMW-12 09/20/06
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-12 03/20/07	GMMW-12 09/12/07	GMMW-12 03/13/08	GMMW-12 09/23/08	GMMW-12 03/03/09	GMMW-12 09/28/09	GMMW-12 03/30/10	GMMW-12 09/28/10	GMMW-12 03/30/11	GMMW-12 09/20/11
Inorganics												
Aluminum	--	mg/L	0.0280 J	0.0250 J	0.200 J	0.0490 J	0.0590 J	0.160	0.0150 J	0.0600 J	0.0680 J	<0.100
Antimony	0.006	mg/L	<0.00100	0.000340 J	<0.00200	<0.00200 B	<0.00200	<0.00200 B	0.000460 J	0.000580 J	<0.00300 B	0.000860 J
Arsenic	0.01	mg/L	0.000440 J	<0.00100	<0.00500	0.000240 J	0.000170 J	0.000370 J	0.000180 J	0.000370 J	0.000260 J	0.000180 J
Barium	2	mg/L	0.0280	0.0360	0.0350	0.0300	0.0260	0.0310	0.0220	0.0320	0.0230	0.0280
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.000500	0.000110 J	<0.00250	<0.000500	0.000300 J	0.000420 J	<0.000500	0.000320 J	0.000120 J	<0.000500
Calcium	--	mg/L	110	110 J	98.0	95.0 J	85.0	87.0	89.0	100	84.0	91.0
Chloride	--	mg/L	<2.00	<2.00 B	0.880 J	0.480 J	0.740 J	<2.00	<2.00 B	<2.00 B	1.00 J	<2.00 B
Chromium	0.1	mg/L	0.000840 J	<0.00500	<0.0250	0.000590 J	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	--	mg/L	0.000160 J	0.000200 J	<0.00500	<0.00100	<0.00100 B	0.00120	0.000120 J	0.000730 J	0.000310 J	<0.00100
Copper	1.3	mg/L	<0.00200	<0.00200 B	0.00380 J	0.00160 J	0.00230	0.00230	<0.00200 B	0.00230	<0.00200	0.00120 J
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 B	<0.0100
Iron	--	mg/L	<0.100	<0.100	0.310 J	0.0700 J	0.0710 J	0.220	<0.100	0.0840 J	0.110	0.0260 J
Lead	0.015	mg/L	<0.00100	<0.00100 B	<0.00250 B	<0.000500 B	<0.000500 B	<0.000500 B	<0.000500	<0.000500	<0.000500	<0.000500
Magnesium	--	mg/L	22.0	21.0	20.0	21.0	17.0	17.0	18.0	20.0	17.0	17.0
Manganese	--	mg/L	0.0200	0.0890	0.680	0.0880	0.200 J	0.530	0.00630	0.210	0.100	0.0330
Mercury	0.002	mg/L	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.00160 J	0.00260	<0.0100	0.00180 J	0.00660 J	0.00940	0.000940 J	0.00530	0.00190 J	<0.00200 B
Potassium	--	mg/L	0.340 J	0.510	0.520 J	0.590	0.350 J	0.410 J	0.270 J	0.520	0.300 J	0.580
Selenium	0.05	mg/L	0.00260	0.00110 J	<0.0130	0.000400	0.00270	0.00520	0.00420	0.00160 J	0.00370 J	0.00220 J
Silver	--	mg/L	<0.000500	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	2.70	2.30 B	1.80	2.30	1.70	1.70	1.80	1.80	1.40	1.90
Thallium	0.002	mg/L	<0.00200	0.000380 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.0250	0.000480 J	0.000430 J	<0.00500	<0.00500	0.000640 J	<0.00500	<0.00500
Zinc	--	mg/L	0.00390 J	<0.0100 B	<0.100	<0.0200 B	<0.0200 B	<0.0200	<0.0200	0.00620 J	0.00450 J	0.00450 J
Inorganics-Filtered												
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-12 03/20/07	GMMW-12 09/12/07	GMMW-12 03/13/08	GMMW-12 09/23/08	GMMW-12 03/03/09	GMMW-12 09/28/09	GMMW-12 03/30/10	GMMW-12 09/28/10	GMMW-12 03/30/11	GMMW-12 09/20/11
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-12 03/20/12	GMMW-12 09/18/12	GMMW-12 03/19/13	GMMW-12 09/25/13	GMMW-12 09/29/14	GMMW-12 03/18/15	GMMW-12 09/23/16	GMMW-12 03/14/17	GMMW-12 09/24/18	GMMW-12 03/27/19	GMMW-13 02/20/95
Inorganics													
Aluminum	--	mg/L	0.0610 J	<0.100	<0.0190	<0.100 B	0.0410 J	0.0940 J	<0.100	0.370 J	<0.100	0.0640 J	3.20
Antimony	0.006	mg/L	<0.00300	<0.00300 B	0.000480 J	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.0500
Arsenic	0.01	mg/L	<0.00100	0.000210 J	0.000210 J	0.000270 J	0.000670 J	<0.00110 B	<0.00100	<0.00100	0.000470 J	0.000300 J	0.0150
Barium	2	mg/L	0.0210	0.0240	0.0300	0.0320	0.0300	0.0240	0.0290	0.0250	0.0540	0.0240	0.390
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500
Cadmium	0.005	mg/L	0.000660	0.000200 J	0.000100 J	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	0.000200 J	0.000460 J	<0.00500
Calcium	--	mg/L	81.0	88.0	120	100	90.0	88.0	91.0	86.0	130	87.0	280
Chloride	--	mg/L	<2.00	1.00 J	0.950 J	<2.00 B	<2.00	<2.00	0.960 J	0.840 J	42.0	<2.00	NA
Chromium	0.1	mg/L	0.00360 J	<0.00500	0.000680 J	<0.00500	<0.00500	<0.00500	<0.00500	0.000630 J	<0.00500	<0.00500	0.0660
Cobalt	--	mg/L	0.000340 J	0.000180 J	0.000240 J	<0.00100 B	<0.00100	0.000360 J	<0.00100	0.000410 J	<0.00100	0.000420 J	0.0320
Copper	1.3	mg/L	0.00260	0.00130 J	0.00220 J	<0.00200 B	0.00110 J	0.00150 J	0.00220	0.00210	0.00100 J	0.00190 J	0.0420
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100 B	<0.0100 B	0.00650 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	0.0910 J	<0.100	<0.0370	0.0330 J	0.0920 J	0.140	0.0340 J	0.340 J	<0.100	0.100	55.0
Lead	0.015	mg/L	0.00180 J	<0.000500	<0.000160	<0.000500	0.000130 J	0.000230 J	<0.000500 J	0.000580	<0.000500	<0.00130 B	0.0460
Magnesium	--	mg/L	16.0 J	18.0 J	24.0	19.0	17.0	18.0	18.0	17.0	32.0	17.0	78.0
Manganese	--	mg/L	0.0140 J	0.00840	0.0150	0.0370 J	0.0510	0.0980	0.0280	0.0810	0.00700	0.140	1.30
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.00570	0.000850 J	0.00130 J	<0.00200 B	0.00150 J	0.00290	0.00110 J	0.00280	0.00110 J	0.00350	0.0510
Potassium	--	mg/L	0.310 J	0.290 J	0.390 J	0.330 J	0.550	0.420 J	0.530	0.400 J	0.870	0.260 J	8.90
Selenium	0.05	mg/L	0.00190 J	0.00250	0.00610	0.00730	0.00230 J	0.00160 J	0.00290	0.00380	<0.00250	0.00320	<0.0100
Silver	--	mg/L	<0.000500	0.000110 J	<0.0000690	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0100
Sodium	--	mg/L	2.50 J	1.80	2.10	1.60	1.60	1.80	1.50	1.60	4.30	1.70	5.10
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200 B	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.0100
Vanadium	--	mg/L	0.000440 J	<0.00500	0.000480 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0610
Zinc	--	mg/L	0.0200 J	0.00630 J	<0.00630	<0.0200 B	<0.00640 B	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.170
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-12 03/20/12	GMMW-12 09/18/12	GMMW-12 03/19/13	GMMW-12 09/25/13	GMMW-12 09/29/14	GMMW-12 03/18/15	GMMW-12 09/23/16	GMMW-12 03/14/17	GMMW-12 09/24/18	GMMW-12 03/27/19	GMMW-13 02/20/95
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-13 03/30/05	GMMW-13 03/29/06	GMMW-13 09/21/06	GMMW-13 03/20/07	GMMW-13 09/13/07	GMMW-13 03/14/08	GMMW-13 09/23/08	GMMW-13 03/03/09	GMMW-13 09/28/09	GMMW-13 03/31/10	GMMW-13 09/29/10
Inorganics													
Aluminum	--	mg/L	0.170 B	<0.200	<0.200	0.0230 J	0.0730 J	<1.00	0.0690 J	<0.100	0.150	0.0230 J	0.0280 J
Antimony	0.006	mg/L	<0.00600	0.00250 B	<0.00600	<0.00100	<0.00100	<0.00200	<0.00200 B	<0.00200	<0.00200 B	<0.00300	0.000360 J
Arsenic	0.01	mg/L	<0.0100	<0.0100	<0.0100	0.000410 J	<0.00100	<0.0100	0.00330	0.000210 J	0.000510 J	0.000220 J	0.000230 J
Barium	2	mg/L	0.0620	0.0410	0.0450	0.0300	0.0690	0.0270	0.0830	0.0270	0.0550	0.0460	0.0480
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	<0.00200	<0.000500	<0.000500	<0.00500	0.00130 J	<0.000500	<0.000500	<0.000500	0.000280 J
Calcium	--	mg/L	120	110	120	110	150 J	100	140 J	87.0	130	120	130
Chloride	--	mg/L	16.0	45.0	33.0	38.0	35.0 B	42.0	35.0	25.0	24.0	21.0	41.0
Chromium	0.1	mg/L	0.00150 B	0.00150 B	<0.0100	0.000990 J	<0.00500	<0.0500	<0.00500	<0.00500 J	<0.00500	<0.00500	<0.00500
Cobalt	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00100	<0.00100	<0.0100	0.00820	<0.00100 J	0.000470 J	0.000120 J	0.000260 J
Copper	1.3	mg/L	<0.0100	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0200	0.0120	0.00150 J	0.000820 J	<0.00200 B	0.000840 J
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00200 J	<0.0100
Iron	--	mg/L	<0.130	<0.0500	0.0430 B	<0.100	0.0300 J	<1.00	5.50	0.0580 J	0.330	0.0380 J	0.0700 J
Lead	0.015	mg/L	<0.00500	<0.00500	<0.00500	<0.00100	<0.00100 B	<0.00500	0.000500 J	<0.000500 B	<0.000500 B	<0.000500	0.000230 J
Magnesium	--	mg/L	32.0	27.0	29.0	28.0	35.0	28.0	37.0	19.0	30.0	28.0	31.0
Manganese	--	mg/L	0.0110	<0.0100	<0.0100	0.000330 J	0.00220 J	0.0200 J	1.40	0.00270 J	0.0850	0.00880	0.0200
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.00180 B	<0.0100	<0.0100	<0.00100	0.00110	<0.0200	0.0120	0.00320 J	0.00280	0.00110 J	0.00160 J
Potassium	--	mg/L	1.50	0.580	0.920	0.570	1.80	<5.00	1.80	0.740	1.40	1.20	0.840
Selenium	0.05	mg/L	<0.0100	<0.0100	<0.0100	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	0.000660 J	<0.00250
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	4.90	4.10	5.20	8.90	6.40 B	6.90	6.80	9.70	7.30	13.0	5.80
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	0.0130 B	0.00340 J	<0.0100	<0.0200	<0.0200 B	<0.0200 B	<0.0200	<0.0200	0.00650 J
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-13 03/30/05	GMMW-13 03/29/06	GMMW-13 09/21/06	GMMW-13 03/20/07	GMMW-13 09/13/07	GMMW-13 03/14/08	GMMW-13 09/23/08	GMMW-13 03/03/09	GMMW-13 09/28/09	GMMW-13 03/31/10	GMMW-13 09/29/10
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-13 03/29/11	GMMW-13 09/20/11	GMMW-13 03/21/12	GMMW-13 09/19/12	GMMW-13 03/20/13	GMMW-13 09/26/13	GMMW-13 09/30/14	GMMW-13 03/19/15	GMMW-13 09/24/16	GMMW-13 03/14/17	GMMW-13 09/24/18
Inorganics													
Aluminum	--	mg/L	0.0210 J	0.0620 J	0.0240 J	<0.100	<0.0190	<0.100 B	<0.100	0.0920 J	0.190	<0.100 J	<0.100
Antimony	0.006	mg/L	<0.00300 B	0.000800 J	<0.00300	<0.00300	<0.000480	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Arsenic	0.01	mg/L	0.000160 J	0.000200 J	<0.00100	0.000180 J	0.000260 J	0.000160 J	0.000690 J	0.00140 J	<0.00100	<0.00100	0.000340 J
Barium	2	mg/L	0.0500	0.0510	0.0610	0.0430	0.0430	0.0600	0.0410	0.0420	0.0690	0.0630	0.0260
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	0.000260 J	<0.000500	0.000140 J	0.000580	0.000470 J	0.000170 J	0.000460 J	0.000190 J	<0.000500	0.000430 J	<0.000500
Calcium	--	mg/L	130	120	140	130	120	130	100	89.0	140	140	88.0
Chloride	--	mg/L	30.0	30.0	30.0	19.0	60.0	39.0	37.0	31.0	37.0 J	66.0	<2.00
Chromium	0.1	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	--	mg/L	<0.00100	<0.00100 B	<0.00100	<0.00100	<0.000130	<0.00100 B	<0.00100	0.000300 J	0.000760 J	0.000220 J	<0.00100
Copper	1.3	mg/L	<0.00200	0.000840 J	<0.00200	0.00110 J	<0.00200 B	<0.00200 B	<0.00200	0.00140 J	0.00190 J	0.000970 J	0.00160 J
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	0.0340 J	0.0990 J	<0.100	<0.100	<0.0370	0.0190 J	0.0480 J	0.110	0.220	0.0490 J	<0.100
Lead	0.015	mg/L	0.000140 J	<0.000500 B	<0.000500	0.000190 J	<0.000160	<0.000500 B	0.000150 J	0.000220 J	0.000410 J	0.000180 J	<0.000500
Magnesium	--	mg/L	30.0	29.0	35.0 J	33.0 J	28.0	33.0	26.0	22.0	35.0	36.0	17.0
Manganese	--	mg/L	<0.00250 B	0.0230	0.0310	0.0210	0.00190 J	0.110	0.0110	0.0130	0.250	0.00670	0.0120
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	<0.000200	0.000140 J	<0.000200	<0.000200
Nickel	--	mg/L	0.00100 J	<0.00200 B	0.00120 J	0.00170 J	0.000750 J	0.00300	0.000880 J	0.000920 J	0.00380	0.00140 J	0.00110 J
Potassium	--	mg/L	1.10	0.800	1.30	0.580	1.60	1.30	0.470 J	4.00	1.60	1.50	0.410 J
Selenium	0.05	mg/L	<0.00250 B	<0.00250	<0.00250	<0.00250	0.000920 J	<0.00250	<0.00250	<0.00250	<0.00250	0.000970 J	0.00340
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	6.30	3.50	5.60	3.60	4.50	4.90	3.40	3.80	4.40	4.60	1.50
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	0.00560 J	0.00760 J	<0.0200	0.00670 J	<0.00630	<0.0200 B	0.00830 J	<0.0200	0.00650 J	0.00510 J	<0.0200
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-13 03/29/11	GMMW-13 09/20/11	GMMW-13 03/21/12	GMMW-13 09/19/12	GMMW-13 03/20/13	GMMW-13 09/26/13	GMMW-13 09/30/14	GMMW-13 03/19/15	GMMW-13 09/24/16	GMMW-13 03/14/17	GMMW-13 09/24/18
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-13 03/28/19	GMMW-14 03/08/95	GMMW-14 09/28/10	GMMW-14 03/29/11	GMMW-14 09/20/11	GMMW-14 03/21/12	GMMW-15 03/08/95	GMMW-15 09/28/10	GMMW-16 03/08/95	GMMW-18 03/10/95	GMMW-18 12/17/02
Inorganics													
Aluminum	--	mg/L	0.0470 J	5.40	0.120	NA	NA	NA	7.40	0.0170 J	15.0	11.0	NA
Antimony	0.006	mg/L	<0.00300	<0.0500	0.00130 J	NA	NA	NA	<0.0500	<0.00300	<0.0500	<0.0500	NA
Arsenic	0.01	mg/L	0.000370 J	0.0140	0.130	0.0260	0.0100	0.00520	0.0130	0.00180	0.0160	0.0160	NA
Barium	2	mg/L	0.0720	0.170	0.250	NA	NA	NA	0.400	0.340	0.290	0.150	NA
Beryllium	0.004	mg/L	<0.00100	<0.00500	0.000500 J	NA	NA	NA	<0.00500	<0.00100	<0.00500	<0.00500	NA
Cadmium	0.005	mg/L	<0.000500	<0.00500	0.000160 J	NA	NA	NA	<0.00500	<0.000500	<0.00500	<0.00500	NA
Calcium	--	mg/L	140	99.0	95.0	NA	NA	NA	150	77.0	240	270	NA
Chloride	--	mg/L	35.0	NA	6.60	NA	NA	NA	NA	3.20 J	NA	NA	NA
Chromium	0.1	mg/L	<0.00500	<0.0100	0.000820 J	NA	NA	NA	0.0100	<0.00500	0.0200	0.0210	NA
Cobalt	--	mg/L	<0.00100	<0.0100	0.00100	NA	NA	NA	<0.0100	<0.00100	0.0120	0.0130	NA
Copper	1.3	mg/L	0.000520 J	<0.0250	0.000810 J	NA	NA	NA	<0.0250	0.000330 J	0.0770	0.0400	NA
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	NA	NA	NA	<0.0100	<0.0100	<0.0100	<0.0100	NA
Iron	--	mg/L	0.0580 J	11.0	62.0	NA	NA	NA	19.0	4.40	33.0	26.0	NA
Lead	0.015	mg/L	<0.000820 B	0.00900	0.000660	NA	NA	NA	0.0120	<0.000500	0.0450	0.0190	NA
Magnesium	--	mg/L	38.0	28.0	26.0	NA	NA	NA	44.0	31.0	71.0	75.0	NA
Manganese	--	mg/L	0.0320	0.280	0.570	NA	NA	NA	0.560	0.0900	0.760	0.800	NA
Mercury	0.002	mg/L	<0.000200 J	<0.000200	<0.000200	NA	NA	NA	<0.000200	<0.000200	<0.000200	<0.000200	NA
Nickel	--	mg/L	0.00240	<0.0400	0.00140 J	NA	NA	NA	<0.0400	0.000390 J	<0.0400	<0.0400	NA
Potassium	--	mg/L	1.40	2.10	0.770	NA	NA	NA	3.10	1.70	5.00	4.60	NA
Selenium	0.05	mg/L	<0.00250	<0.0100	<0.0120	NA	NA	NA	<0.0100	<0.00250	<0.0100	<0.0100	NA
Silver	--	mg/L	<0.000500	<0.0100	<0.000500	NA	NA	NA	<0.0100	<0.000500	<0.0100	<0.0100	NA
Sodium	--	mg/L	5.10	4.30	4.90	NA	NA	NA	20.0	15.0	4.90	6.40	NA
Thallium	0.002	mg/L	<0.00200	<0.0100	<0.00200	NA	NA	NA	<0.0100	<0.00200	<0.0100	<0.0100	NA
Vanadium	--	mg/L	<0.00500	0.0210	0.00870	NA	NA	NA	0.0270	<0.00500	0.0430	0.0310	NA
Zinc	--	mg/L	<0.0200	0.0450	0.0320	NA	NA	NA	0.0570	<0.0200	0.170	0.0930	NA
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0310 B
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0200
Arsenic	0.01	mg/L	NA	NA	NA	0.00220 J	0.00340 J	<0.00500	NA	NA	NA	NA	<0.0100
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.180
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00400
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00200
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	130
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.60
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-13 03/28/19	GMMW-14 03/08/95	GMMW-14 09/28/10	GMMW-14 03/29/11	GMMW-14 09/20/11	GMMW-14 03/21/12	GMMW-15 03/08/95	GMMW-15 09/28/10	GMMW-16 03/08/95	GMMW-18 03/10/95	GMMW-18 12/17/02
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00820 B
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00470 B
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0500
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.0
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0190
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000200
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.40
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.0
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0230

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-18 03/26/03	GMMW-18 06/17/03	GMMW-18 09/24/03	GMMW-18 12/09/03	GMMW-18 03/16/04	GMMW-18 06/16/04	GMMW-18 09/14/04	GMMW-18 12/15/04	GMMW-18 03/30/05	GMMW-18 06/21/05	GMMW-18 09/13/05
Inorganics													
Aluminum	--	mg/L	NA	0.170 B	0.130 B	0.260	0.480	0.470	51.0	0.170 B	0.300	<0.200	0.230
Antimony	0.006	mg/L	<0.0200	<0.0200	<0.00300	<0.00600	<0.00600	0.00260 B	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
Arsenic	0.01	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	2	mg/L	NA	0.120	0.130	0.0750	0.0640	0.0950	0.0700	0.0430	0.0420	0.0660	0.0750
Beryllium	0.004	mg/L	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	NA	<0.00200	<0.00200	<0.00200	<0.00200	0.00120 B	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	NA	300	340	300	260	320	340	240	190	250	260 J
Chloride	--	mg/L	42.0	35.0	24.0 J	15.0	12.0	13.0	10.0	4.20	1.00 B	5.40	4.90
Chromium	0.1	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00190 B	<0.0100	<0.0100
Cobalt	--	mg/L	NA	0.00140 B	0.00310 B	0.00250 B	<0.00500	<0.00500	0.00330 B	<0.00500	<0.00500	0.00130 B	0.00160 B
Copper	1.3	mg/L	NA	0.00280 B	<0.0100	0.00350 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cyanide	0.2	mg/L	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	NA	0.990	4.20	0.910	0.510	0.820	3.10	<0.260	0.600 J	0.260	0.470
Lead	0.015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	--	mg/L	NA	61.0	68.0	56.0	45.0	60.0	60.0	41.0	28.0	50.0	55.0 J
Manganese	--	mg/L	NA	0.380	1.40	0.410	0.100	0.590	0.730	0.0840	0.150	0.560	0.230 J
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.000110 B	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	NA	0.00760 B	0.0120	0.00500 B	0.00230 B	0.00920 B	0.00770 B	<0.0100	0.00320 B	0.00500 B	0.00380 B
Potassium	--	mg/L	NA	2.50	3.00 J	1.90	1.10	2.10	2.10	0.680	<0.570	1.50	2.10
Selenium	0.05	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	NA	18.0	18.0	11.0	5.00	10.0	9.90	4.40	2.50	9.80	12.0
Thallium	0.002	mg/L	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00130 B	<0.00500	<0.00500
Zinc	--	mg/L	NA	<0.0210	<0.0200	<0.0200	<0.0200	0.0200	<0.0200	0.00270 B	<0.0200	<0.0200	0.0100 B
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-18 03/26/03	GMMW-18 06/17/03	GMMW-18 09/24/03	GMMW-18 12/09/03	GMMW-18 03/16/04	GMMW-18 06/16/04	GMMW-18 09/14/04	GMMW-18 12/15/04	GMMW-18 03/30/05	GMMW-18 06/21/05	GMMW-18 09/13/05
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-18 03/29/06	GMMW-18 09/21/06	GMMW-18 03/20/07	GMMW-18 09/12/07	GMMW-18 03/13/08	GMMW-18 09/23/08	GMMW-18 03/03/09	GMMW-18 09/28/09	GMMW-18 03/30/10	GMMW-18 09/29/10	GMMW-18 03/29/11
Inorganics													
Aluminum	--	mg/L	1.20	<0.200	0.810	0.100	1.50	0.220	1.10	0.780	0.120	0.240	0.900
Antimony	0.006	mg/L	<0.00600	<0.00600	<0.00100	0.000120 J	<0.00200	<0.00200 B	<0.00200	<0.00200 B	<0.00300	0.000560 J	<0.00300 B
Arsenic	0.01	mg/L	<0.0100	<0.0100	0.000510 J	0.000350 J	0.00180 J	0.000350 J	0.000920 J	0.00110	0.000390 J	0.000530 J	0.000670 J
Barium	2	mg/L	0.0470	0.0660	0.0500	0.0670	0.0640	0.0750	0.0450	0.0850	0.0530	0.0650	0.0440
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	<0.000500	0.0000940 J	<0.00250	<0.000500	0.000120 J	0.000870	0.000170 J	0.000330 J	0.000170 J
Calcium	--	mg/L	250	250	230 B	330 J	190	220 J	150	230	270	250	170
Chloride	--	mg/L	1.50 B	2.20	<2.00	4.10 J	<2.00	1.80 J	1.20 J	0.840 J	<2.00 B	<2.00 B	1.60 J
Chromium	0.1	mg/L	0.00170 B	<0.0100	0.00130 J	<0.00500	<0.0250	<0.00500	0.00150 J	0.00110 J	<0.00500	<0.00500	0.00110 J
Cobalt	--	mg/L	<0.00500	0.00150 B	0.000780 J	0.000700 J	0.00560	0.000710 J	0.00120 J	0.00410	0.00100	0.00160	0.00100
Copper	1.3	mg/L	<0.0100	<0.0100	0.00230 J	<0.00200 B	0.00440 J	0.00130 J	0.00360	0.00280	<0.00200 B	0.00200	0.00130 J
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 B
Iron	--	mg/L	1.10	0.400	0.810	0.220	3.20	0.340	1.40	1.60	0.370	0.580	1.10
Lead	0.015	mg/L	<0.00500	<0.00500	0.000510 J	<0.00100 B	<0.00250 B	0.000500 J	0.00110 J	0.000890	<0.000500 B	0.000290 J	0.000580
Magnesium	--	mg/L	45.0	59.0	44.0	64.0	48.0	55.0	31.0	62.0	56.0	62.0	32.0
Manganese	--	mg/L	0.0460	0.300	0.0760	0.0930	0.720	0.0880	0.0970 J	0.490	0.140	0.340	0.120
Mercury	0.002	mg/L	0.000460	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.00310 B	0.00490 B	0.00330 J	0.00340	0.0110	0.00250	0.00500 J	0.00870	0.00340	0.00780	0.00360
Potassium	--	mg/L	1.20	1.30	0.510	0.630	1.30 J	1.40	0.590	1.40	0.680	1.30	0.600
Selenium	0.05	mg/L	0.0100	<0.0100	0.00310	<0.00250	<0.0130	<0.00250	0.00390	<0.00250	0.00420	<0.00250	0.00690 J
Silver	--	mg/L	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500	<0.00500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	4.30	11.0	2.40 B	8.60 B	5.80	9.20	2.00	10.0	3.50	8.00	1.20
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	0.00340 J	0.000440 J	0.00210 J	0.00140 J	<0.00500	0.000590 J	0.00190 J
Zinc	--	mg/L	0.0150 B	0.00800 B	0.00840 J	<0.0100 B	<0.100 B	<0.0200 B	<0.0200 B	0.0160 J	0.00670 J	0.0110 J	0.0100 J
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-18 03/29/06	GMMW-18 09/21/06	GMMW-18 03/20/07	GMMW-18 09/12/07	GMMW-18 03/13/08	GMMW-18 09/23/08	GMMW-18 03/03/09	GMMW-18 09/28/09	GMMW-18 03/30/10	GMMW-18 09/29/10	GMMW-18 03/29/11
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-18 09/20/11	GMMW-18 03/20/12	GMMW-18 09/19/12	GMMW-18 03/19/13	GMMW-18 09/26/13	GMMW-18 09/29/14	GMMW-18 03/18/15	GMMW-18 09/24/16	GMMW-18 03/15/17	GMMW-18 09/25/18	GMMW-18 03/28/19
Inorganics													
Aluminum	--	mg/L	0.190	0.540	<0.100	0.110	0.300	0.380	0.320	0.350	0.860 J	0.0400 J	0.120
Antimony	0.006	mg/L	<0.00300	<0.00300	<0.00300	<0.000480	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Arsenic	0.01	mg/L	0.000200 J	0.000270 J	0.000170 J	0.000260 J	0.000610 J	0.00150	0.00130 J	<0.00100	0.000690 J	0.000670 J	0.000410 J
Barium	2	mg/L	0.0620	0.0420	0.0550	0.0260	0.0610	0.0630	0.0560	0.0690	0.0520	0.0720	0.0400
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.000500	0.000200 J	0.000200 J	0.000170 J	0.000240 J	0.000180 J	0.000230 J	<0.000500	<0.000500	<0.000500	<0.000500
Calcium	--	mg/L	250	230	230	180	250	180	86.0	230	170	210	130
Chloride	--	mg/L	<2.00 B	<2.00	2.10	1.10 J	2.80 J	<2.00	<2.00	5.10	1.30 J	1.20 J	1.00 J
Chromium	0.1	mg/L	<0.00500	<0.00500	<0.00500	<0.000640	0.000540 J	<0.00500	<0.00500	<0.00500	0.00110 J	<0.00500	<0.00500
Cobalt	--	mg/L	<0.00100	0.000840 J	<0.00100	0.000200 J	0.00110	0.000610 J	0.000610 J	0.000310 J	0.000680 J	0.000470 J	<0.00100
Copper	1.3	mg/L	0.00120 J	0.00240	0.00100 J	<0.00200 B	0.00280 J	0.00270	0.00210	0.00110 J	0.00310	0.00140 J	0.00150 J
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	0.230	0.720	<0.100	0.190	0.750	0.410	0.430	0.430	1.10 J	0.120	0.160
Lead	0.015	mg/L	<0.000500 B	<0.000500 B	<0.000500	<0.000160	0.000660 J	0.000270 J	0.000250 J	0.000360 J	0.000530	<0.000500	<0.000540 B
Magnesium	--	mg/L	52.0	46.0 J	48.0 J	36.0	57.0	36.0	40.0	53.0	34.0	45.0	25.0
Manganese	--	mg/L	0.0220	0.0960	0.0130	0.0320	0.160	0.0480	0.0710	0.0740	0.0350	0.0280	0.0320
Mercury	0.002	mg/L	<0.000200 B	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 J
Nickel	--	mg/L	<0.00200 B	0.00250	0.00130 J	0.00200	0.00480	0.00290	0.00320	0.00350	0.00240	0.00200	0.00200
Potassium	--	mg/L	1.10	0.670	1.20	0.340 J	1.20	0.350 J	0.460 J	0.820	0.620	0.630	0.330 J
Selenium	0.05	mg/L	<0.00250	0.00190 J	<0.00250	0.00320	<0.00250	0.00190 J	0.00250	<0.00250	0.00170 J	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	7.50	2.00	9.10	1.80	8.70	2.60	2.40	6.20	1.70	4.70	1.20
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	0.00120 J	<0.00500	<0.000340	0.000660 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	0.00560 J	<0.0200 B	0.00760 J	<0.00630	<0.0200 B	<0.0110 B	0.00690 J	0.00690 J	0.00800 J	<0.0200	0.00860 J
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-18 09/20/11	GMMW-18 03/20/12	GMMW-18 09/19/12	GMMW-18 03/19/13	GMMW-18 09/26/13	GMMW-18 09/29/14	GMMW-18 03/18/15	GMMW-18 09/24/16	GMMW-18 03/15/17	GMMW-18 09/25/18	GMMW-18 03/28/19
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-19 12/18/02	GMMW-19 03/26/03	GMMW-19 06/17/03	GMMW-19 09/24/03	GMMW-19 12/09/03	GMMW-19 03/16/04	GMMW-19 06/16/04	GMMW-19 09/14/04	GMMW-19 12/15/04	GMMW-19 03/30/05	GMMW-19 06/21/05
Inorganics													
Aluminum	--	mg/L	NA	NA	2.30	0.170 B	0.100 B	2.40 J	0.990	<0.200	<0.200	0.110 B	<0.200
Antimony	0.006	mg/L	NA	<0.0200	<0.0200	<0.00300	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
Arsenic	0.01	mg/L	NA	NA	0.0240	0.0210	0.0120	0.0130	0.0110	0.0140	<0.0100	0.0110	<0.0100
Barium	2	mg/L	NA	NA	0.870	0.860	0.780	0.860	0.880	0.860	0.830	0.850	0.780
Beryllium	0.004	mg/L	NA	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	NA	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	0.000310 B	<0.00200	<0.00200
Calcium	--	mg/L	NA	NA	260	230	200	220	210	210	210	210	200
Chloride	--	mg/L	NA	270	230	240 J	220	240	220	290	230	240	220
Chromium	0.1	mg/L	NA	NA	0.00470 B	<0.0100	<0.0100	0.00420 B	0.00220 B	<0.0100	<0.0100	0.00170 B	<0.0100
Cobalt	--	mg/L	NA	NA	0.00220 B	<0.00500	<0.00500	0.00210 B	0.00100 B	<0.00500	0.00100 B	0.00130 B	<0.00500
Copper	1.3	mg/L	NA	NA	0.00790 B	<0.0100	0.00170 B	0.00620 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cyanide	0.2	mg/L	NA	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	NA	NA	25.0	20.0	14.0	26.0	21.0	19.0	15.0	27.0 J	19.0
Lead	0.015	mg/L	NA	0.0190	0.00420 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	--	mg/L	NA	NA	77.0	76.0	72.0	76.0	76.0	73.0	77.0	76.0	73.0
Manganese	--	mg/L	NA	NA	0.200	0.130	0.110	0.180	0.150	0.140	0.120	0.130	0.120
Mercury	0.002	mg/L	NA	0.0000610	<0.000200	<0.000200	<0.000200	<0.000200	0.0000720 B	0.000250	0.000740 J	0.000670 J	0.000110 B
Nickel	--	mg/L	NA	NA	0.0190	0.0140	0.0140	0.0200	0.0170	0.0140	0.0140	0.0180	0.0170
Potassium	--	mg/L	NA	NA	32.0	31.0 J	26.0	23.0 J	24.0	25.0	24.0 J	22.0 J	19.0 J
Selenium	0.05	mg/L	NA	NA	<0.0100	<0.0100	<0.0100	0.00690 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	NA	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	NA	NA	130	140	120	120	120	120	120	120	120
Thallium	0.002	mg/L	NA	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200
Vanadium	--	mg/L	NA	NA	0.00500	<0.00500	<0.00500	0.00600	<0.00500	<0.00500	<0.00500	0.00220 B	<0.00500
Zinc	--	mg/L	NA	NA	<0.0370	<0.0200	<0.0200	0.0200 B	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Inorganics-Filtered													
Aluminum	--	mg/L	0.0290 B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	<0.0200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	0.0140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	0.940	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	<0.00400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	<0.00200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	290	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-19 12/18/02	GMMW-19 03/26/03	GMMW-19 06/17/03	GMMW-19 09/24/03	GMMW-19 12/09/03	GMMW-19 03/16/04	GMMW-19 06/16/04	GMMW-19 09/14/04	GMMW-19 12/15/04	GMMW-19 03/30/05	GMMW-19 06/21/05
Copper	1.3	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	14.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	78.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	0.120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	<0.000200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	0.0120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	41.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	0.0160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-19 09/13/05	GMMW-19 03/28/06	GMMW-19 09/21/06	GMMW-19 03/20/07	GMMW-19 09/12/07	GMMW-19 03/13/08	GMMW-19 09/24/08	GMMW-19 03/03/09	GMMW-19 09/28/09	GMMW-19 03/30/10	GMMW-19 09/29/10
Inorganics													
Aluminum	--	mg/L	<0.200	<0.200	<0.200	0.0230 J	0.0280 J	<0.500	<0.100	0.0380 J	0.0240 J	0.0120 J	0.0220 J
Antimony	0.006	mg/L	<0.00600	<0.00600	<0.00600	<0.00100	0.000190 J	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00300	<0.00300
Arsenic	0.01	mg/L	<0.0110	0.00960 B	0.0120	0.0110	0.0110	0.0160	0.0160	0.0190	0.0120	0.0150	0.0110
Barium	2	mg/L	0.760	0.870	0.800	0.730	0.830	0.860	0.980	0.830	0.780	0.740	0.680
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100	0.000480 J	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	<0.00200	<0.000500	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Calcium	--	mg/L	200 J	230	180	200 B	170 J	180	210 J	170	180	160	170
Chloride	--	mg/L	230	280	220	280	250 B	230	220	210	200	210	230
Chromium	0.1	mg/L	<0.0100	<0.0100	<0.0100	0.00120 J	0.00110 J	<0.0250	0.000920 J	0.00170 J	<0.00500	<0.00500	0.000740 J
Cobalt	--	mg/L	<0.00500	<0.00500	0.00180 B	0.00110	0.000950 J	<0.00500	0.00120	0.00110 J	0.00120	0.000870 J	0.00110
Copper	1.3	mg/L	<0.0100	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200	0.000390 J
Cyanide	0.2	mg/L	0.00440 B	<0.0100	<0.0100	0.00180 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	18.0 J	20.0	18.0	22.0	17.0	27.0	23.0	26.0	19.0	20.0	16.0
Lead	0.015	mg/L	<0.00500	<0.00500	<0.00500	0.000100 J	<0.00100 B	<0.00250	<0.000500 B	<0.000500 B	<0.000500 B	<0.000500	<0.000500
Magnesium	--	mg/L	71.0 J	76.0	71.0	73.0	60.0	73.0	77.0	66.0	66.0	63.0	64.0
Manganese	--	mg/L	0.130 J	0.100	0.0970	0.0940	0.0920	0.0990	0.110	0.0890 J	0.0990	0.0770	0.0850
Mercury	0.002	mg/L	<0.000200	0.000130 B	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.0130	0.0140	0.0130	0.0170 B	0.0130	0.0170	0.0140	0.0170 J	0.0140	0.0150	0.0160 J
Potassium	--	mg/L	21.0 J	28.0 J	21.0 J	15.0	18.0	16.0	23.0	16.0	18.0	16.0	16.0
Selenium	0.05	mg/L	<0.0100	<0.0100	<0.0100	<0.00250	<0.00250	<0.0130	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	110	130	120	120 B	110 B	120	140	120	110	110	130
Thallium	0.002	mg/L	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200 B	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	0.00110 J	0.00180 J	<0.00500	<0.00500 B	0.000600 J
Zinc	--	mg/L	<0.0200	<0.0200	0.00960 B	0.00560 J	<0.0100 B	<0.100	<0.0200 B	<0.0200 B	<0.0200	<0.0200	0.00690 J
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-19 09/13/05	GMMW-19 03/28/06	GMMW-19 09/21/06	GMMW-19 03/20/07	GMMW-19 09/12/07	GMMW-19 03/13/08	GMMW-19 09/24/08	GMMW-19 03/03/09	GMMW-19 09/28/09	GMMW-19 03/30/10	GMMW-19 09/29/10
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-19 03/29/11	GMMW-19 09/20/11	GMMW-19 03/21/12	GMMW-19 09/19/12	GMMW-19 03/20/13	GMMW-19 09/26/13
Inorganics								
Aluminum	--	mg/L	<0.100	0.0410 J	0.210	<0.100 [<0.100]	<0.0190 [<0.0190]	0.180 J [0.120 J]
Antimony	0.006	mg/L	<0.00300 B	<0.00300	<0.00300	<0.00300 [<0.00300]	<0.000480 [<0.000480]	<0.00300 [<0.00300]
Arsenic	0.01	mg/L	0.0110	0.0300	0.0130	0.0190 [0.0240]	0.0100 [0.0110]	0.0160 [0.0160]
Barium	2	mg/L	0.700	0.810	0.680	0.840 [0.890]	0.680 [0.690]	0.670 [0.680]
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.00100	<0.00100 [<0.00100]	<0.000170 [<0.000170]	<0.00100 [<0.00100]
Cadmium	0.005	mg/L	<0.000500	<0.000500	0.000170 J	<0.000500 [<0.000500]	<0.000100 [<0.000100]	<0.000500 [<0.000500]
Calcium	--	mg/L	160	230	170	220 [220]	170 [180]	170 [180]
Chloride	--	mg/L	220	240	220	240 [230]	210 [220]	210 [220]
Chromium	0.1	mg/L	0.000670 J	0.00100 J	<0.00500	0.000950 J [0.000990 J]	0.00110 J [0.000790 J]	0.00110 J [0.000960 J]
Cobalt	--	mg/L	0.00100	0.00120 J	0.00130	0.00140 [0.00150]	0.00120 [0.00120]	0.00120 [0.00120]
Copper	1.3	mg/L	<0.00200	<0.00200	0.000840 J	<0.00200 [<0.00200]	<0.00200 B [<0.000570]	<0.00200 B [<0.00200 B]
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100 [<0.0100]	<0.00330 [<0.00330]	<0.0100 B [<0.0100 B]
Iron	--	mg/L	17.0	18.0	21.0	19.0 [20.0]	17.0 [17.0]	17.0 [16.0]
Lead	0.015	mg/L	<0.000500	<0.000500	0.000510 J	<0.000500 [<0.000500]	<0.000160 [<0.000160]	0.000870 [<0.000500 B]
Magnesium	--	mg/L	62.0	63.0	64.0 J	63.0 J [65.0 J]	60.0 [59.0]	58.0 [60.0]
Manganese	--	mg/L	0.0720	0.0940	0.0940	0.0810 [0.0840]	0.0640 [0.0620]	0.0700 [0.0680]
Mercury	0.002	mg/L	0.000370	<0.000200 B	<0.000200	<0.000200 [<0.000200]	<0.0000710 [<0.0000710]	<0.000200 [<0.000200]
Nickel	--	mg/L	0.0140	0.0140	0.0170	0.0130 [0.0130]	0.0150 [0.0150]	0.0170 [0.0170]
Potassium	--	mg/L	16.0	18.0	16.0	26.0 [27.0]	20.0 [20.0]	18.0 [18.0]
Selenium	0.05	mg/L	<0.00250 B	0.000470 J	<0.00250	<0.00250 [0.000270 J]	<0.000250 [<0.000250]	<0.00250 [<0.00250]
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.0000690 [<0.0000690]	<0.000500 [<0.000500]
Sodium	--	mg/L	100	120	110	130 [130]	120 [120]	120 [120]
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200 [<0.00200]	<0.000270 [<0.000270]	<0.00200 [<0.00200]
Vanadium	--	mg/L	0.000790 J	0.000870 J	0.00140 J	0.000700 J [0.000770 J]	0.000700 J [0.000580 J]	0.00110 J [0.000910 J]
Zinc	--	mg/L	0.00340 J	0.00670 J	<0.0200	<0.0200 [0.00750 J]	<0.00630 [<0.00630]	<0.0200 B [0.0210 J]
Inorganics-Filtered								
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-19 03/29/11	GMMW-19 09/20/11	GMMW-19 03/21/12	GMMW-19 09/19/12	GMMW-19 03/20/13	GMMW-19 09/26/13
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-19 09/30/14	GMMW-19 03/19/15	GMMW-19 09/24/16	GMMW-19 03/15/17	GMMW-19 09/25/18
Inorganics							
Aluminum	--	mg/L	0.290 J [0.180 J]	<0.100 [<0.100]	<0.100 [<0.100]	<0.100 J [<0.100 J]	<0.100 [<0.100]
Antimony	0.006	mg/L	<0.00300 [<0.00300]	<0.00300 [<0.00300]	<0.00300 [<0.00300]	<0.00300 [<0.00300]	<0.00300 [<0.00300]
Arsenic	0.01	mg/L	0.0120 [0.0120]	0.0130 [0.0160]	0.00990 [0.0100]	0.00910 [0.00860]	0.00920 [0.00940]
Barium	2	mg/L	0.700 [0.710]	0.640 [0.640]	0.600 [0.610]	0.560 [0.520]	0.560 [0.560]
Beryllium	0.004	mg/L	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
Cadmium	0.005	mg/L	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]
Calcium	--	mg/L	160 [160]	150 [150]	140 [140]	140 [130]	130 [120]
Chloride	--	mg/L	230 [220]	240 [240]	230 [230]	210 [210]	230 [230]
Chromium	0.1	mg/L	0.000880 J [0.000740 J]	<0.00500 [<0.00500]	0.000700 J [0.000690 J]	0.000620 J [<0.00500]	<0.00500 [<0.00500]
Cobalt	--	mg/L	0.00130 [0.00120]	0.00130 [0.00130]	0.00130 [0.00130]	0.00130 [0.00120]	0.00150 [0.00150]
Copper	1.3	mg/L	<0.00200 [<0.00200]	<0.00200 [<0.00200]	0.00510 [0.00340]	<0.00200 [0.00110 J]	<0.00200 [<0.00200]
Cyanide	0.2	mg/L	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.0100 [<0.0100]
Iron	--	mg/L	14.0 [14.0]	17.0 [18.0]	14.0 [14.0]	13.0 J [12.0 J]	12.0 [12.0]
Lead	0.015	mg/L	0.000660 [0.000450 J]	<0.000500 [0.000140 J]	<0.000500 J [0.000140 J]	<0.000500 [<0.000500]	<0.000500 [<0.000500]
Magnesium	--	mg/L	58.0 [58.0]	60.0 [60.0]	55.0 [55.0]	53.0 [50.0]	48.0 [47.0]
Manganese	--	mg/L	0.0820 [0.0790]	0.0670 [0.0660]	0.0710 [0.0720]	0.0670 [0.0630]	0.0650 [0.0640]
Mercury	0.002	mg/L	<0.000200 [<0.000200]	<0.000200 [<0.000200]	0.000130 J [0.000150 J]	<0.000200 [<0.000200]	<0.000200 [<0.000200]
Nickel	--	mg/L	0.0150 [0.0140]	0.0160 [0.0160]	0.0160 [0.0160]	0.0160 [0.0160]	0.0160 [0.0160]
Potassium	--	mg/L	14.0 [14.0]	15.0 [15.0]	15.0 [15.0]	14.0 [13.0]	13.0 [13.0]
Selenium	0.05	mg/L	<0.00250 [<0.00250]	0.00100 J [0.000830 J]	<0.00250 [<0.00250]	<0.00250 [<0.00250]	<0.00250 [<0.00250]
Silver	--	mg/L	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]
Sodium	--	mg/L	110 [110]	120 [120]	110 [110]	110 [100]	100 [110]
Thallium	0.002	mg/L	<0.00200 [<0.00200]	<0.00200 [<0.00200]	<0.00200 J [<0.00200 J]	<0.00200 [<0.00200]	<0.00200 [<0.00200]
Vanadium	--	mg/L	<0.00500 [<0.00500]	0.00230 J [0.00250 J]	<0.00500 [<0.00500]	<0.00500 [<0.00500]	<0.00500 [<0.00500]
Zinc	--	mg/L	0.00720 J [0.00620 J]	<0.0200 [<0.0200]	<0.0200 [<0.0200]	<0.0200 [<0.0200]	<0.0200 [<0.0200]
Inorganics-Filtered							
Aluminum	--	mg/L	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-19 09/30/14	GMMW-19 03/19/15	GMMW-19 09/24/16	GMMW-19 03/15/17	GMMW-19 09/25/18
Copper	1.3	mg/L	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-19 03/28/19	GMMW-20 12/18/02	GMMW-20 03/26/03	GMMW-20 06/17/03	GMMW-20 09/24/03	GMMW-20 12/10/03	GMMW-20 03/16/04	GMMW-20 06/16/04	GMMW-20 09/14/04	GMMW-20 12/15/04
Inorganics												
Aluminum	--	mg/L	<0.100 [<0.100]	NA	NA	<0.200	0.0290 B	0.0420 B	<0.200	<0.200	<0.200	0.0370 B
Antimony	0.006	mg/L	<0.00300 [<0.00300]	NA	<0.0200	<0.0200	<0.00300	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
Arsenic	0.01	mg/L	0.00960 [0.00960]	NA	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	2	mg/L	0.540 [0.550]	NA	NA	0.0500	0.0430	0.0370	0.0340	0.0360	0.0370	0.0300
Beryllium	0.004	mg/L	<0.00100 [<0.00100]	NA	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	<0.000500 [<0.000500]	NA	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	120 [130]	NA	NA	240	240	240	250	270	270	280
Chloride	--	mg/L	230 [230]	NA	23.0	26.0	23.0 J	23.0	22.0	22.0	22.0	20.0
Chromium	0.1	mg/L	<0.00500 [<0.00500]	NA	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	--	mg/L	0.00140 [0.00140]	NA	NA	0.00260 B	0.00320 B	<0.00500	<0.00500	0.00200 B	0.00810	0.00280 B
Copper	1.3	mg/L	<0.00200 [<0.00200]	NA	NA	<0.0100	<0.0100	0.00340 B	<0.0100	<0.0100	<0.0100	<0.0100
Cyanide	0.2	mg/L	<0.0100 [<0.0100]	NA	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	13.0 [14.0]	NA	NA	<0.0500	0.200	<0.0500	<0.0500	0.580	2.30	0.530
Lead	0.015	mg/L	<0.000500 B [<0.000500 B]	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	--	mg/L	49.0 [50.0]	NA	NA	83.0	80.0	80.0	82.0	86.0	84.0	93.0
Manganese	--	mg/L	0.0630 [0.0650]	NA	NA	0.290	0.300	0.0840	0.0340	0.340	0.750	0.250
Mercury	0.002	mg/L	<0.000200 J [<0.000200 J]	NA	<0.000200	<0.000200	<0.000200	<0.000200	0.0000550 B	<0.000200	0.0000940 B	<0.000200
Nickel	--	mg/L	0.0160 [0.0160]	NA	NA	0.00560 B	0.00380 B	0.00350 B	0.00360 B	0.00520 B	0.00530 B	0.00210 B
Potassium	--	mg/L	12.0 [13.0]	NA	NA	7.00	7.80 J	6.50	5.20	5.50	5.40	5.40 J
Selenium	0.05	mg/L	<0.00250 [<0.00250]	NA	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500 [<0.000500]	NA	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	110 [110]	NA	NA	55.0	49.0	41.0	38.0	35.0	43.0	39.0
Thallium	0.002	mg/L	<0.00200 [<0.00200]	NA	NA	<0.0100	0.00760 B	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200 J
Vanadium	--	mg/L	<0.00500 [<0.00500]	NA	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200 [<0.0200]	NA	NA	<0.0270	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0170 B
Inorganics-Filtered												
Aluminum	--	mg/L	NA	0.0300 B	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	<0.0200	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	0.0950	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	<0.00400	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	<0.00200	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	260	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	27.0	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	0.00140 B	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-19 03/28/19	GMMW-20 12/18/02	GMMW-20 03/26/03	GMMW-20 06/17/03	GMMW-20 09/24/03	GMMW-20 12/10/03	GMMW-20 03/16/04	GMMW-20 06/16/04	GMMW-20 09/14/04	GMMW-20 12/15/04
Copper	1.3	mg/L	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	<0.0500	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	87.0	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	0.300	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	<0.000200	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	9.70	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	38.0	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	<0.0100	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	<0.00500	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	0.0150	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-20 03/30/05	GMMW-20 06/22/05	GMMW-20 09/13/05	GMMW-20 03/29/06	GMMW-20 09/21/06	GMMW-20 03/20/07	GMMW-20 09/12/07	GMMW-20 03/13/08	GMMW-20 09/24/08	GMMW-20 03/03/09	GMMW-20 09/28/09
Inorganics													
Aluminum	--	mg/L	0.0180 B	<0.200	<0.200	<0.200	<0.200	<0.100	0.0400 J	<0.500	0.0460 J	0.0320 J	0.0300 J
Antimony	0.006	mg/L	<0.00600	0.00300 J	<0.00600	0.00260 B	<0.00600	<0.00100	<0.00100	<0.00200	<0.00200	0.00130 J	<0.00200 B
Arsenic	0.01	mg/L	<0.0100	0.00580 B	<0.0100	<0.0100	0.0110	0.00290	0.00320	0.00580	0.0120	0.00310	0.00580
Barium	2	mg/L	0.0270	0.0320	0.0260	0.0160	0.0200	0.0110	0.0170	0.0170 J	0.0190	0.0160	0.0170
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	0.000620 B	<0.00200	<0.00200	<0.000500	0.0000840 J	<0.00250	<0.000500	<0.000500	<0.000500
Calcium	--	mg/L	290	290	270 J	320	310	310 B	250 J	250	240 J	230	250
Chloride	--	mg/L	17.0	17.0	16.0	14.0	12.0	9.30	11.0 B	6.30	6.70	4.60	4.00
Chromium	0.1	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500	<0.00500	<0.0250	<0.00500	0.000540 J	<0.00500
Cobalt	--	mg/L	0.0110	0.00340 B	0.00370 B	0.00380 B	0.00210 B	0.00370	0.00180	0.00270 J	0.00180	0.00510 J	0.00150
Copper	1.3	mg/L	<0.0100	<0.0100	<0.0110	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0100	<0.00200	0.000640 J	<0.00200
Cyanide	0.2	mg/L	<0.0100	<0.0100	0.00380 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	3.10 J	4.40	2.10 J	4.50	8.60	2.70	5.30	6.30	7.60	1.90	4.10
Lead	0.015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0000890 J	<0.00100 B	<0.00250	<0.000500 B	<0.000500 B	<0.000500 B
Magnesium	--	mg/L	96.0	94.0	88.0 J	100	100	97.0	74.0	84.0	81.0	71.0	75.0
Manganese	--	mg/L	1.60	0.490	0.420 J	0.840	0.570	0.780	0.350	0.370	0.340	1.10 J	0.310
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.0100	0.00540 B	0.00360 B	0.00220 B	<0.0100	0.00510 B	0.00300	0.00370 J	0.00310	0.00510 J	0.00290
Potassium	--	mg/L	4.70 J	4.80 J	5.80 J	4.20 J	5.70 J	3.50	4.20	3.20	4.20	3.00	3.50
Selenium	0.05	mg/L	<0.0100	<0.0100	<0.0100	0.00460 B	<0.0100	<0.00250	<0.00250	<0.0130	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	0.0000330 J	<0.00250	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	52.0	46.0	46.0	63.0	62.0	86.0 B	67.0 B	51.0	52.0	39.0	40.0
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 J	0.000300 J	0.000460 J	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	0.00180 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	0.0330	<0.0200	<0.0200	<0.0200	0.00890 J	<0.0100 B	<0.100	<0.0200 B	<0.0200 B
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-20 03/30/05	GMMW-20 06/22/05	GMMW-20 09/13/05	GMMW-20 03/29/06	GMMW-20 09/21/06	GMMW-20 03/20/07	GMMW-20 09/12/07	GMMW-20 03/13/08	GMMW-20 09/24/08	GMMW-20 03/03/09	GMMW-20 09/28/09
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-20 03/31/10	GMMW-20 09/28/10	GMMW-20 03/29/11	GMMW-20 09/20/11	GMMW-20 03/21/12	GMMW-20 09/19/12	GMMW-20 03/20/13	GMMW-20 09/25/13	GMMW-20 09/30/14	GMMW-20 03/19/15	GMMW-20 09/24/16
Inorganics													
Aluminum	--	mg/L	<0.100	0.0560 J	<0.100	0.110	<0.100	<0.100	<0.0190	<0.100 B	<0.100	0.140	0.0710 J
Antimony	0.006	mg/L	<0.00300	<0.00300	<0.00300 B	<0.00300	<0.00300	<0.00300	<0.000480	<0.00300	<0.00300	<0.00300	<0.00300
Arsenic	0.01	mg/L	0.00140	0.00540	0.00150	0.00530	0.00110	0.00390	0.00200	0.00400	0.00210	0.00230 J	0.00260
Barium	2	mg/L	0.0140	0.0180	0.0220	0.0200	0.0210	0.0260	0.0240	0.0240	0.0630	0.0260	0.0290
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.000500	<0.000500	0.000140 J	<0.000500	<0.000500	0.000490 J	<0.000100	<0.000500	0.000230 J	0.000190 J	<0.000500
Calcium	--	mg/L	250	220	170	240	160	250	240	230	130	200	170
Chloride	--	mg/L	4.40	4.90 J	4.60	4.20 J	2.70	3.60	2.20	3.90 J	1.80 J	2.20	2.00
Chromium	0.1	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	--	mg/L	<0.000600 J	0.00130	0.000520 J	<0.00100 B	0.000220 J	0.00100	0.000180 J	<0.00100 B	0.00160	0.000680 J	0.000790 J
Copper	1.3	mg/L	<0.00200	0.000340 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00200 B	0.00210	0.00100 J	<0.00200
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100	0.00220 J	<0.0100	<0.0100
Iron	--	mg/L	0.710	4.10	0.570	3.40	0.470	2.80	0.970	2.20	0.310	1.10	2.10
Lead	0.015	mg/L	<0.000500	0.000290 J	0.000150 J	<0.000500 B	<0.000500	<0.000500	<0.000160	<0.000500	0.000190 J	0.000280 J	0.000180 J
Magnesium	--	mg/L	74.0	70.0	43.0	63.0	56.0 J	68.0 J	67.0	66.0	28.0	57.0	57.0
Manganese	--	mg/L	0.550	0.300	0.110	0.260	0.0480	0.220	0.0460	0.290	0.140	0.0990	0.250
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	<0.000200	0.000130 J
Nickel	--	mg/L	0.00320	0.00270	0.00230	0.00230 J	0.00100 J	0.00260	0.00190 J	0.00260	0.00230	0.00220	0.00200
Potassium	--	mg/L	2.80	3.50	1.80	3.30	2.40	3.70	2.40	3.40	1.70	2.30	3.00
Selenium	0.05	mg/L	<0.00250	<0.00250	<0.00250 B	<0.00250	<0.00250	<0.00250	<0.000250	<0.00250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	35.0	35.0	20.0	32.0	26.0	33.0	24.0	28.0	8.50	21.0	26.0
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.00200	<0.00200 J
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	0.00690 J	0.0100 J	0.00430 J	<0.0200	0.00660 J	<0.00630	<0.0200 B	0.00620 J	<0.0200	<0.0200
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-20 03/31/10	GMMW-20 09/28/10	GMMW-20 03/29/11	GMMW-20 09/20/11	GMMW-20 03/21/12	GMMW-20 09/19/12	GMMW-20 03/20/13	GMMW-20 09/25/13	GMMW-20 09/30/14	GMMW-20 03/19/15	GMMW-20 09/24/16
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-20 03/15/17	GMMW-20 09/25/18	GMMW-20 03/28/19	GMPZ-3 03/09/95	GMPZ-3 12/18/02	GMPZ-3 06/18/03	GMPZ-3 12/10/03	GMPZ-3 06/16/04	GMPZ-3 12/15/04	GMPZ-3 06/22/05	GMPZ-3 03/29/06
Inorganics													
Aluminum	--	mg/L	<0.100 J	0.0260 J	<0.100	2.10	NA	<0.200	0.0370 B	<0.200	0.0470 B	<0.200	<0.200
Antimony	0.006	mg/L	<0.00300	<0.00300	<0.00300	<0.0500	NA	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600
Arsenic	0.01	mg/L	<0.00100	0.00140	0.00110	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	2	mg/L	0.0460	0.0360	0.0320	0.670	NA	0.130	0.120	0.110	0.120	0.110	0.100
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.00100	<0.00500	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	<0.000500	0.000170 J	<0.000500	<0.00500	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	140	160	130	140	NA	19.0	20.0	20.0	22.0	23.0	24.0
Chloride	--	mg/L	1.10 J	1.90 J	1.90 J	NA	NA	21.0	18.0	16.0	14.0	13.0	19.0
Chromium	0.1	mg/L	<0.00500	<0.00500	<0.00500	0.0160	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	--	mg/L	<0.00100	0.00130	<0.00100	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Copper	1.3	mg/L	0.00230	<0.00200	0.000780 J	<0.0250	NA	<0.0100	0.00160 B	<0.0100	<0.0100	0.00510 B	<0.0100
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	0.0440 J	1.50	0.620	4.20	NA	<0.0500	<0.0500	<0.0500	<0.0500	<0.100	0.110
Lead	0.015	mg/L	<0.000500	<0.000500	<0.000500 B	<0.00500	NA	<0.00500	<0.00500	<0.00500	0.00390 B	<0.00500	<0.00500
Magnesium	--	mg/L	31.0	51.0	42.0	10.0	NA	14.0	15.0	15.0	16.0	16.0	16.0
Manganese	--	mg/L	0.0130	0.200	0.0380	0.100	NA	<0.0100	0.00150 B	<0.0100	0.00570 B	<0.0100	0.00760 B
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200 J	<0.000200	NA	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.000120 B
Nickel	--	mg/L	0.00130 J	0.00220	0.00150 J	<0.0400	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Potassium	--	mg/L	1.20	2.80	2.00	7.10	NA	2.30	2.60	2.30	2.50	2.30 J	2.30 J
Selenium	0.05	mg/L	<0.00250	<0.00250	<0.00250	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	7.40	23.0	17.0	33.0	NA	31.0	31.0	31.0	31.0	32.0	33.0
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.0100	NA	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	<0.0200	<0.0200	NA	<0.0200	<0.0200	<0.0200	0.00370 B	<0.0200	0.00730 B
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	0.0360 B	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	<0.0200	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	0.190	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	<0.00400	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	<0.00200	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	16.0	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	23.0	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMMW-20 03/15/17	GMMW-20 09/25/18	GMMW-20 03/28/19	GMPZ-3 03/09/95	GMPZ-3 12/18/02	GMPZ-3 06/18/03	GMPZ-3 12/10/03	GMPZ-3 06/16/04	GMPZ-3 12/15/04	GMPZ-3 06/22/05	GMPZ-3 03/29/06
Copper	1.3	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	<0.0500	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	11.0	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	<0.000200	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	2.50	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	28.0	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	0.0200	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-3 03/21/07	GMPZ-3 03/14/08	GMPZ-3 03/04/09	GMPZ-3 03/31/10	GMPZ-3 03/29/11	GMPZ-3 03/21/12	GMPZ-3 03/19/13	GMPZ-3 09/29/14	GMPZ-3 03/28/19	GMPZ-4 03/09/95	GMPZ-4 12/19/02
Inorganics													
Aluminum	--	mg/L	0.0410 J	<1.00	<0.100	<0.100	<0.100	0.0220 J	<0.0190	<0.100	0.0460 J	1.90	NA
Antimony	0.006	mg/L	<0.00100	0.00150 J	<0.00200	<0.00300	<0.00300 B	<0.00300	<0.000480	<0.00300	<0.00300	<0.0500	NA
Arsenic	0.01	mg/L	0.00200	0.00220 J	0.00170	0.00200	0.00220	0.00170	0.00260	0.00430	0.00470	<0.0100	NA
Barium	2	mg/L	0.0900	0.110	0.0900	0.0950	0.110	0.100	0.110	0.0980	0.110	0.0870	NA
Beryllium	0.004	mg/L	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00500	NA
Cadmium	0.005	mg/L	<0.000500	<0.00500	<0.000500	<0.000500	0.000170 J	0.000300 J	0.000210 J	0.000190 J	0.000190 J	<0.00500	NA
Calcium	--	mg/L	22.0 B	19.0 J	22.0	36.0	27.0	3.20	51.0	61.0	1.60	32.0	NA
Chloride	--	mg/L	8.80	770	6.20	5.40	5.10	4.80	4.40	3.50	3.40	NA	NA
Chromium	0.1	mg/L	0.00130 J	<0.0500	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500	<0.0100	NA
Cobalt	--	mg/L	0.000130 J	<0.0100	<0.00100 J	0.000120 J	<0.00100	0.000230 J	0.000150 J	0.000230 J	<0.00100	<0.0100	NA
Copper	1.3	mg/L	<0.00200	<0.0200	0.000870 J	<0.00200	<0.00200	0.00130 J	<0.000570	<0.00200	<0.00200	<0.0250	NA
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100	<0.0100	<0.0100	NA
Iron	--	mg/L	0.0270 J	<1.00	<0.100	<0.100	0.0340 J	<0.100	<0.0370	0.0550 J	0.120	2.90	NA
Lead	0.015	mg/L	0.000250 J	<0.00500 B	<0.000500 B	<0.000500	0.000180 J	0.000510 J	<0.000160	0.000300 J	<0.000960 B	<0.00500	NA
Magnesium	--	mg/L	16.0	17.0	15.0	17.0	15.0	17.0 J	18.0	19.0	19.0	14.0	NA
Manganese	--	mg/L	0.0110	0.0690	0.0310 J	0.0110	0.0320	0.0540	0.00880	0.100	0.0330	0.0820	NA
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200 J	<0.000200	NA
Nickel	--	mg/L	0.00130 J	<0.0200	<0.00200 B	0.000460 J	0.000720 J	<0.00200	0.000640 J	<0.00200	0.00340	<0.0400	NA
Potassium	--	mg/L	2.10	2.60 J	2.30	2.10	2.10	2.10	2.20	2.10	2.00	7.00	NA
Selenium	0.05	mg/L	<0.00250	<0.0250	<0.00250	<0.00250	<0.00250 B	<0.00250	<0.000250	<0.00250	<0.00250	<0.0100	NA
Silver	--	mg/L	<0.000500	<0.00500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.0100	NA
Sodium	--	mg/L	35.0 B	37.0	35.0	39.0	36.0	37.0	40.0	41.0	41.0	45.0	NA
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.0100	NA
Vanadium	--	mg/L	<0.00500	<0.0500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	<0.0100	NA
Zinc	--	mg/L	0.00670 J	<0.200	<0.0200 B	<0.0200	0.00550 J	<0.0200 B	<0.00630	<0.0200	0.00930 J	<0.0200	NA
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0390 B
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0200
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0550
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00400
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00200
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.0
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.00
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-3 03/21/07	GMPZ-3 03/14/08	GMPZ-3 03/04/09	GMPZ-3 03/31/10	GMPZ-3 03/29/11	GMPZ-3 03/21/12	GMPZ-3 03/19/13	GMPZ-3 09/29/14	GMPZ-3 03/28/19	GMPZ-4 03/09/95	GMPZ-4 12/19/02
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0690
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.0
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0410
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000200
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.0
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48.0
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0180 B

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-4 06/18/03	GMPZ-4 12/10/03	GMPZ-4 06/17/04	GMPZ-4 12/16/04	GMPZ-4 06/22/05	GMPZ-4 03/29/06	GMPZ-4 03/21/07	GMPZ-4 03/14/08	GMPZ-4 03/04/09	GMPZ-4 03/31/10	GMPZ-4 03/30/11
Inorganics													
Aluminum	--	mg/L	0.160 B	0.0750 B	<0.200	0.0800 B	<0.200	<0.200	0.0340 J	<1.00	0.0880 J	0.0120 J	0.0240 J
Antimony	0.006	mg/L	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J	0.00200 B	<0.00100	0.00150 J	<0.00200	<0.00300	<0.00300 B
Arsenic	0.01	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00150	<0.0100	0.00150	0.00140	0.00150
Barium	2	mg/L	0.0620	0.0660	0.0710	0.0680	0.0660	0.0570	0.0530	0.0600	0.0580	0.0540	0.0550
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.0000690 J	<0.00500	0.000610	0.000190 J	0.000240 J
Calcium	--	mg/L	22.0	24.0	25.0	29.0	31.0	29.0	30.0 B	28.0	16.0	30.0	15.0
Chloride	--	mg/L	<2.00	2.80	2.40	1.80	2.00 B	<2.00	<2.00	7.50	1.30 J	<2.00 B	NA
Chromium	0.1	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500	<0.0500	<0.00500 J	<0.00500	<0.00500
Cobalt	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000230 J	<0.0100	<0.00100 J	0.000170 J	0.000180 J
Copper	1.3	mg/L	0.00300 B	0.00260 B	<0.0100	0.00460 B	<0.0100	<0.0100	<0.00200	<0.0200	0.00170 J	<0.00200	<0.00200
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	0.520	0.300	0.0460 B	<0.190	0.260	0.100	0.110	0.700 J	0.820	0.0430 J	0.110
Lead	0.015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000130 J	<0.00500	<0.000500 B	<0.000500	<0.000500
Magnesium	--	mg/L	12.0	12.0	13.0	14.0	14.0	13.0	14.0	14.0	14.0	14.0	14.0
Manganese	--	mg/L	0.0300	0.0320	<0.0100	0.0370	<0.0110	<0.0100	0.00680	0.0400	0.0480 J	0.00840	0.0130
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0000900 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	<0.0200	0.00220 J	0.00480 J	0.000820 J
Potassium	--	mg/L	16.0	12.0	10.0	5.00 J	3.60 J	3.40 J	2.70	2.60 J	2.60	2.30	2.50
Selenium	0.05	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00250	<0.0250	<0.00250	<0.00250	<0.00250 B
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.00500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	56.0	50.0	52.0	45.0	44.0	44.0	47.0	46.0	46.0	48.0	48.0
Thallium	0.002	mg/L	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	<0.0200	0.00630 B	<0.0200	<0.0200	0.00530 J	<0.200	<0.0200 B	<0.0200	0.00670 J
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-4 06/18/03	GMPZ-4 12/10/03	GMPZ-4 06/17/04	GMPZ-4 12/16/04	GMPZ-4 06/22/05	GMPZ-4 03/29/06	GMPZ-4 03/21/07	GMPZ-4 03/14/08	GMPZ-4 03/04/09	GMPZ-4 03/31/10	GMPZ-4 03/30/11
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-4 04/06/11	GMPZ-4 03/20/12	GMPZ-4 03/20/13	GMPZ-4 09/30/14	GMPZ-4 03/28/19	GMPZ-6 03/02/95	GMPZ-6 12/18/02	GMPZ-6 03/26/03	GMPZ-6 06/17/03	GMPZ-6 09/24/03	GMPZ-6 12/09/03
Inorganics													
Aluminum	--	mg/L	NA	0.0630 J	<0.0190	<0.100	<0.100	2.10	NA	NA	0.0620 B	0.120 B	0.0290 B
Antimony	0.006	mg/L	NA	<0.00300	<0.000480	<0.00300	<0.00300	<0.0500	NA	<0.0200	<0.0200	<0.00300	<0.00600
Arsenic	0.01	mg/L	NA	0.00120	0.00140	0.00140	0.00130	<0.0100	NA	NA	<0.0100	<0.0100	<0.0100
Barium	2	mg/L	NA	0.0510	0.0500	0.0500	0.0490	0.310	NA	NA	0.150	0.140	0.120
Beryllium	0.004	mg/L	NA	<0.00100	<0.000170	<0.00100	<0.00100	<0.00500	NA	NA	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	NA	0.000840	0.000410 J	0.00150	0.000230 J	<0.0500	NA	NA	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	NA	15.0	39.0	47.0	11.0	120	NA	NA	28.0	27.0	24.0
Chloride	--	mg/L	4.10	<2.00	1.30 J	1.20 J	1.90 J	NA	NA	72.0	64.0	56.0 J	55.0
Chromium	0.1	mg/L	NA	<0.00500	<0.000640	<0.00500	<0.00500	<0.0100	NA	NA	<0.0100	<0.0100	<0.0100
Cobalt	--	mg/L	NA	0.000270 J	0.000240 J	0.000230 J	<0.00100	<0.0100	NA	NA	<0.00500	<0.00500	<0.00500
Copper	1.3	mg/L	NA	0.00130 J	<0.000570	<0.00200	<0.00200	<0.250	NA	NA	<0.0100	<0.0100	<0.0100
Cyanide	0.2	mg/L	NA	<0.0100	<0.00330	0.0120	<0.0100	<0.0100	NA	<0.0100 J	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	NA	0.380	<0.0370	0.110	<0.100	5.10	NA	NA	0.480	0.650	0.240
Lead	0.015	mg/L	NA	<0.000500	<0.000160	0.000180 J	<0.000610 B	<0.00500	NA	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	--	mg/L	NA	14.0 J	15.0	14.0	14.0	37.0	NA	NA	21.0	19.0	17.0
Manganese	--	mg/L	NA	0.0150	0.00340	0.0110	<0.00270 B	0.140	NA	NA	0.0310	0.0260	0.0220
Mercury	0.002	mg/L	NA	<0.000200	<0.0000710	<0.000200	<0.000200 J	<0.000200	NA	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	NA	<0.00200	0.000720 J	<0.00200	0.00150 J	<0.0400	NA	NA	<0.0100	<0.0100	<0.0100
Potassium	--	mg/L	NA	2.20	2.40	2.20	1.80	1.80	NA	NA	8.40	8.30 J	7.90
Selenium	0.05	mg/L	NA	<0.00250	<0.000250	<0.00250	<0.00250	<0.0100	NA	NA	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	NA	<0.000500	<0.0000690	<0.000500	<0.000500	<0.0100	NA	NA	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	NA	46.0	49.0	49.0	48.0	15.0	NA	NA	38.0	39.0	34.0
Thallium	0.002	mg/L	NA	<0.00200	<0.000270	<0.00200	<0.00200	<0.0100	NA	NA	<0.0100	<0.0100	<0.00200
Vanadium	--	mg/L	NA	<0.00500	<0.000340	<0.00500	<0.00500	<0.0100	NA	NA	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	NA	<0.0200 B	<0.00630	<0.00710 B	<0.0200	<0.0200	NA	NA	<0.0200	<0.0200	<0.0200
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	0.0370 B	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	<0.0200	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	0.200	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	<0.00400	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	<0.00200	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	40.0	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	82.0	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-4 04/06/11	GMPZ-4 03/20/12	GMPZ-4 03/20/13	GMPZ-4 09/30/14	GMPZ-4 03/28/19	GMPZ-6 03/02/95	GMPZ-6 12/18/02	GMPZ-6 03/26/03	GMPZ-6 06/17/03	GMPZ-6 09/24/03	GMPZ-6 12/09/03
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	0.160	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	28.0	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	0.0520	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	<0.000200	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	12.0	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	38.0	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	0.0440	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-6 03/16/04	GMPZ-6 06/16/04	GMPZ-6 09/14/04	GMPZ-6 12/15/04	GMPZ-6 03/30/05	GMPZ-6 06/22/05	GMPZ-6 09/13/05	GMPZ-6 03/29/06	GMPZ-6 09/21/06	GMPZ-6 03/20/07	GMPZ-6 09/12/07
Inorganics													
Aluminum	--	mg/L	<0.200	<0.200	<0.200	0.0640 B	<0.200	<0.200	<0.200	<0.200	<0.200	0.150	0.700
Antimony	0.006	mg/L	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600	<0.00600	<0.00600	<0.00100	<0.00100
Arsenic	0.01	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00250	0.00270
Barium	2	mg/L	0.120	0.110	0.110	0.110	0.100	0.110	0.100	0.0950	0.100	0.530	0.810
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500	0.000260 J
Calcium	--	mg/L	24.0	20.0	20.0	21.0	22.0	21.0	20.0 J	20.0	20.0	240 B	160 J
Chloride	--	mg/L	44.0	35.0	37.0	26.0	23.0	20.0	17.0	14.0	10.0	160	130
Chromium	0.1	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000830 J	0.00160 J
Cobalt	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000460 J	0.000620 J
Copper	1.3	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00200	0.00220 J
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00300 J	<0.0100
Iron	--	mg/L	0.450	0.590	0.380	0.410 J	0.510 J	0.600	0.360	<0.0500	0.280	2.60	2.40
Lead	0.015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000260 J	0.00140 J
Magnesium	--	mg/L	16.0	14.0	14.0	14.0	14.0	14.0	14.0 J	13.0	13.0	75.0	57.0
Manganese	--	mg/L	0.0280	0.0200	0.0120	0.0200	0.0200	<0.0190	0.0130	<0.0100	<0.0100	0.450	0.350
Mercury	0.002	mg/L	0.0000490 B	<0.000200	0.0000830 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B
Nickel	--	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	0.00190
Potassium	--	mg/L	6.80 J	6.20	5.90	5.90 J	5.40 J	4.80 J	5.00 J	4.60 J	4.50 J	4.60	5.50
Selenium	0.05	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00250	0.000520 J
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500
Sodium	--	mg/L	35.0	34.0	34.0	33.0	33.0	33.0	34.0	32.0	33.0	77.0 B	77.0 B
Thallium	0.002	mg/L	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00190
Zinc	--	mg/L	<0.0200	<0.0200	<0.0200	0.00580 B	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.00370 J	0.0110 J
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-6 03/16/04	GMPZ-6 06/16/04	GMPZ-6 09/14/04	GMPZ-6 12/15/04	GMPZ-6 03/30/05	GMPZ-6 06/22/05	GMPZ-6 09/13/05	GMPZ-6 03/29/06	GMPZ-6 09/21/06	GMPZ-6 03/20/07	GMPZ-6 09/12/07
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-6 03/13/08	GMPZ-6 09/24/08	GMPZ-6 03/03/09	GMPZ-6 09/28/09	GMPZ-6 03/30/10	GMPZ-6 09/29/10	GMPZ-6 03/29/11	GMPZ-6 09/20/11	GMPZ-6 03/20/12	GMPZ-6 09/18/12	GMPZ-6 03/19/13
Inorganics													
Aluminum	--	mg/L	<0.500	0.170	0.0350 J	<0.100	0.0820 J	0.0200 J	0.0560 J	0.580	0.0440 J	0.120	<0.0190
Antimony	0.006	mg/L	<0.00200	<0.00200	0.000510 J	<0.00200 B	<0.00300	0.000270 J	<0.00300	<0.00300	<0.00300	<0.00300	<0.000480
Arsenic	0.01	mg/L	<0.00500	0.00120	0.000730 J	0.000620 J	0.000900 J	0.000670 J	0.000690 J	0.000970 J	0.000710 J	0.00130	0.000770 J
Barium	2	mg/L	0.110	0.130	0.110	0.120	0.130	0.120	0.110	0.130	0.110	0.120	0.120
Beryllium	0.004	mg/L	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170
Cadmium	0.005	mg/L	<0.00250	<0.000500	0.000250 J	<0.000500	<0.000500	<0.000500	0.000170 J	0.000340 J	0.000160 J	0.000240 J	0.000540
Calcium	--	mg/L	24.0	22.0 J	10.0	25.0	21.0	22.0	32.0 J	18.0	13.0	44.0	29.0
Chloride	--	mg/L	5.70	2.80	4.00	4.60	3.00 J	2.70 J	3.40	2.10 J	<2.00	2.20	2.20
Chromium	0.1	mg/L	<0.0250	<0.00500	0.000640 J	<0.00500	<0.00500	<0.00500	<0.00500	0.00120 J	<0.00500	<0.00500	<0.000640
Cobalt	--	mg/L	<0.00500	<0.00100	<0.00100 J	0.000170 J	0.000100 J	<0.00100	<0.00100	<0.00100 B	<0.00100	0.000140 J	<0.000130
Copper	1.3	mg/L	<0.0100	0.000570 J	0.00170 J	0.000630 J	<0.00200 B	0.000680 J	0.000720 J	0.00150 J	0.000980 J	0.000840 J	<0.00200 B
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00330
Iron	--	mg/L	0.250 J	0.640	0.430	0.0900 J	0.390	0.870 J	0.310 J	0.920	0.110	0.280	0.110
Lead	0.015	mg/L	<0.00250	<0.000500 B	<0.000500 B	<0.000500 B	<0.000500	<0.000500	0.000170 J	0.000530 J	<0.000500	0.000180 J	<0.000160
Magnesium	--	mg/L	14.0	16.0	13.0	15.0	16.0	16.0	14.0	16.0	15.0 J	16.0 J	16.0
Manganese	--	mg/L	<0.0130 B	0.0220	0.0130 J	0.0300	0.00990	0.0170	0.00390	0.0390	0.00560 J	0.0150	0.00520
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.0000710
Nickel	--	mg/L	<0.0100	0.000510 J	0.0300 J	0.000400 J	<0.00200	0.000380 J	0.000400 J	<0.00200 B	<0.00200	0.000580 J	<0.000520
Potassium	--	mg/L	4.30	3.60	3.50	3.50	3.10	3.30	3.20	3.20	3.00	3.00	3.00
Selenium	0.05	mg/L	<0.0130	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.000250
Silver	--	mg/L	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690
Sodium	--	mg/L	36.0	39.0	34.0	37.0	38.0	38.0	33.0	36.0	36.0	38.0	38.0
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270
Vanadium	--	mg/L	<0.0250	0.000410 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00130 J	<0.00500	<0.00500	<0.000340
Zinc	--	mg/L	<0.100 B	<0.0200 B	<0.0200 B	0.00790 J	0.00960 J	0.00650 J	<0.0200 B	0.00770 J	<0.0200 B	0.0110 J	<0.00630
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-6 03/13/08	GMPZ-6 09/24/08	GMPZ-6 03/03/09	GMPZ-6 09/28/09	GMPZ-6 03/30/10	GMPZ-6 09/29/10	GMPZ-6 03/29/11	GMPZ-6 09/20/11	GMPZ-6 03/20/12	GMPZ-6 09/18/12	GMPZ-6 03/19/13
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-6 09/25/13	GMPZ-6 09/29/14	GMPZ-6 03/18/15	GMPZ-6 09/24/16	GMPZ-6 03/14/17	GMPZ-6 09/25/18	GMPZ-6 03/28/19	GMPZ-7 02/28/95	GMPZ-7 12/17/02
Inorganics											
Aluminum	--	mg/L	0.320 [0.700]	0.180	0.0720 J [0.740]	<0.100	0.170 J	0.0520 J	0.0600 J	35.0	NA
Antimony	0.006	mg/L	<0.00300 [<0.00300]	<0.00300	<0.00300 [<0.00300]	<0.00300	<0.00300	<0.00300	<0.00300	<0.0500	NA
Arsenic	0.01	mg/L	0.000930 J [0.00220]	0.000760 J	0.00140 J [0.00890]	0.000660 J	0.000980 J	0.000820 J	0.000990 J	0.0350	NA
Barium	2	mg/L	0.120 [1.70]	0.130	0.120 [1.80]	0.130	0.140	0.140	0.130	0.460	NA
Beryllium	0.004	mg/L	<0.00100 [<0.00100]	<0.00100	<0.00100 [<0.00100]	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	NA
Cadmium	0.005	mg/L	0.000230 J [<0.000500]	0.000170 J	0.000240 J [0.000190 J]	<0.000500	0.000230 J	0.000220 J	<0.000500	<0.00500	NA
Calcium	--	mg/L	19.0 [110]	36.0	33.0 [140]	8.70	20.0	21.0	11.0	400	NA
Chloride	--	mg/L	2.90 J [13.0]	1.50 J	1.90 J [10.0]	2.00	1.60 J	<2.00	1.80 J	NA	NA
Chromium	0.1	mg/L	0.000880 J [0.00140 J]	<0.00500	<0.00500 [<0.00500]	<0.00500	<0.00500	<0.00500	<0.00500	0.0730	NA
Cobalt	--	mg/L	<0.00100 B [<0.00100 B]	<0.00100	<0.00100 [0.000580 J]	<0.00100	<0.00100	<0.00100	<0.00100	0.0370	NA
Copper	1.3	mg/L	<0.00200 B [0.00230 J]	<0.00200	<0.00200 [0.00140 J]	0.00500	<0.00200	0.00100 J	<0.00200	0.0800	NA
Cyanide	0.2	mg/L	<0.0100 [<0.0100]	<0.0100	<0.0100 [<0.0100]	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	NA
Iron	--	mg/L	0.490 [6.90]	0.330	0.190 [32.0]	0.0900 J	0.280 J	0.230	0.240	69.0	NA
Lead	0.015	mg/L	<0.000500 B [0.00140]	0.000240 J	0.000170 J [0.00110]	<0.000500 J	0.000250 J	<0.000500	<0.00110 B	0.0290	NA
Magnesium	--	mg/L	15.0 [51.0]	15.0	16.0 [58.0]	15.0	17.0	16.0	15.0	190	NA
Manganese	--	mg/L	0.0170 [0.410]	0.0180	0.00760 [0.380]	0.00340	0.00800	0.00800	0.00890	1.50	NA
Mercury	0.002	mg/L	<0.000200 [<0.000200]	<0.000200	<0.000200 [<0.000200]	0.000270	<0.000200	<0.000200	<0.000200 J	<0.000200	NA
Nickel	--	mg/L	<0.00200 B [<0.00200 B]	<0.00200	<0.00200 [0.00150 J]	<0.00200	<0.00200	<0.00200	<0.00200	0.0850	NA
Potassium	--	mg/L	2.80 [5.50]	2.70	2.90 [4.10]	2.50	2.90	2.60	2.40	12.0	NA
Selenium	0.05	mg/L	<0.00250 [<0.00250]	<0.00250	<0.00250 [<0.00250]	<0.00250	<0.00250	<0.00250	<0.00250	<0.0100	NA
Silver	--	mg/L	<0.000500 [<0.000500]	<0.000500	<0.000500 [<0.000500]	<0.000500	<0.000500	<0.000500	<0.000500	<0.0100	NA
Sodium	--	mg/L	35.0 [37.0]	37.0	39.0 [34.0]	34.0	40.0	37.0	38.0	31.0	NA
Thallium	0.002	mg/L	<0.00200 [<0.00200]	<0.00200	<0.00200 [<0.00200]	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.0100	NA
Vanadium	--	mg/L	0.000790 J [0.00260 J]	<0.00500	<0.00500 [0.00380 J]	<0.00500	<0.00500	<0.00500	<0.00500	0.0950	NA
Zinc	--	mg/L	<0.0200 B [<0.0200 B]	<0.00690 B	0.00650 J [0.00830 J]	0.00460 J	<0.0200	0.00950 J	<0.0200	0.190	NA
Inorganics-Filtered											
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0290 B
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0200
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.220
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00400
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00200
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	33.0
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<2.00
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500

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Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-6 09/25/13	GMPZ-6 09/29/14	GMPZ-6 03/18/15	GMPZ-6 09/24/16	GMPZ-6 03/14/17	GMPZ-6 09/25/18	GMPZ-6 03/28/19	GMPZ-7 02/28/95	GMPZ-7 12/17/02
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0500
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	26.0
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0230
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.000200
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	1.60
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	29.0
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0210

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-7 03/26/03	GMPZ-7 06/17/03	GMPZ-7 09/24/03	GMPZ-7 12/09/03	GMPZ-7 03/16/04	GMPZ-7 06/16/04	GMPZ-7 09/14/04	GMPZ-7 12/14/04	GMPZ-7 03/30/05	GMPZ-7 06/21/05	GMPZ-7 09/13/05
Inorganics													
Aluminum	--	mg/L	NA	0.660	0.260	0.0610 B	2.00 J	0.550	<0.200	0.120 B	<0.200	<0.200	<0.200
Antimony	0.006	mg/L	<0.0200	<0.0200	0.00310	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600
Arsenic	0.01	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	2	mg/L	NA	0.250	0.260	0.250	0.290	0.270	0.270	0.310	0.290	0.300	0.290
Beryllium	0.004	mg/L	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	NA	33.0	33.0	29.0	37.0	31.0	28.0	30.0	29.0	29.0	28.0 J
Chloride	--	mg/L	<2.00	<2.00	1.90 J	1.30 B	1.30 B	1.40 B	1.70 B	1.60 B	<2.00	<2.00	<2.00
Chromium	0.1	mg/L	NA	<0.0100	<0.0100	<0.0100	0.00300 B	0.00150 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Copper	1.3	mg/L	NA	0.0410	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cyanide	0.2	mg/L	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	NA	2.10	0.840	0.440	3.50	1.40	0.150	0.360 J	0.260 J	0.350	0.960
Lead	0.015	mg/L	0.00440 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	--	mg/L	NA	23.0	22.0	21.0	23.0	21.0	19.0	21.0	20.0	20.0	20.0 J
Manganese	--	mg/L	NA	0.0590	0.0410	0.0110	0.0880	0.0770	0.0260	0.0230	0.00720 B	0.0970	0.0500 J
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0000530 B	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	NA	<0.0100	<0.0100	<0.0100	0.00190 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Potassium	--	mg/L	NA	1.60	1.50 J	1.60	2.20	1.60	1.50	1.50	1.50	1.50	1.40
Selenium	0.05	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	NA	31.0	32.0	29.0	31.0	31.0	31.0	30.0	30.0	31.0	31.0
Thallium	0.002	mg/L	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	NA	<0.00500	0.0150	<0.00500	0.00370 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	NA	<0.0520	<0.0200	<0.0200	0.0120 B	<0.0200	<0.0200	0.00480 B	<0.0200	<0.0200	0.00760 B
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-7 03/26/03	GMPZ-7 06/17/03	GMPZ-7 09/24/03	GMPZ-7 12/09/03	GMPZ-7 03/16/04	GMPZ-7 06/16/04	GMPZ-7 09/14/04	GMPZ-7 12/14/04	GMPZ-7 03/30/05	GMPZ-7 06/21/05	GMPZ-7 09/13/05
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-7 03/28/06	GMPZ-7 09/21/06	GMPZ-7 03/20/07	GMPZ-7 09/12/07	GMPZ-7 03/13/08	GMPZ-7 09/23/08	GMPZ-7 03/03/09	GMPZ-7 09/28/09	GMPZ-7 03/30/10	GMPZ-7 09/28/10	GMPZ-7 03/30/11
Inorganics													
Aluminum	--	mg/L	<0.200	<0.200	0.0890 J	0.0250 J	<0.500	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Antimony	0.006	mg/L	<0.00600	<0.00600	<0.00100	<0.00100	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00300	<0.00300	<0.00300 B
Arsenic	0.01	mg/L	<0.0100	0.00850 B	0.00250	0.00540	0.00480 J	0.00510	0.00340	0.00750	0.00320	0.00960	0.00300
Barium	2	mg/L	0.290	0.310	0.280	0.290	0.300	0.320	0.310	0.310	0.310	0.300	0.320
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	0.0000600 J	0.0000510 J	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Calcium	--	mg/L	28.0	25.0	25.0	33.0 J	18.0	54.0 J	27.0	43.0	40.0	17.0	14.0
Chloride	--	mg/L	<2.00	<2.00	<2.00	2.50 J	6.80	0.880 J	0.720 J	<2.00	<2.00 B	<2.00 B	NA
Chromium	0.1	mg/L	<0.0100	<0.0100	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	--	mg/L	<0.00500	<0.00500	0.000180 J	0.000290 J	<0.00500	<0.00100	<0.00100 J	0.000230 J	0.000140 J	0.000370 J	0.000170 J
Copper	1.3	mg/L	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0100	0.000740 J	0.000710 J	<0.00200	<0.00200	<0.00200	<0.00200
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 J	<0.0100	<0.0100 B
Iron	--	mg/L	0.0890 B	1.80	0.210	0.300	0.470 J	0.410	0.200	0.540	0.0810 J	1.10	0.160
Lead	0.015	mg/L	<0.00500	<0.00500	0.000170 J	<0.00100 B	<0.00250	<0.000500 B	<0.000500 B	<0.000500 B	<0.000500	<0.000500	<0.000500
Magnesium	--	mg/L	20.0	19.0	19.0	17.0	20.0	22.0	19.0	20.0	21.0	21.0	22.0
Manganese	--	mg/L	<0.0100	0.0380	0.00410	0.0190	<0.0130 B	0.0180	0.00530 J	0.0210	0.00130 J	0.0380	<0.00250 B
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	<0.0100	<0.0100	<0.00100	0.000350 J	<0.0100	0.000450 J	<0.00200 B	<0.00200	<0.00200	<0.00200	0.000360 J
Potassium	--	mg/L	1.40	1.30	1.30	1.30	1.40 J	1.40	1.40	1.40	1.30	1.40	1.30
Selenium	0.05	mg/L	<0.0100	<0.0100	<0.00250	<0.00250	<0.0130	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250 B
Silver	--	mg/L	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	31.0	29.0	32.0	30.0 B	32.0	35.0	32.0	34.0	35.0	34.0	29.0
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	0.00500 J	<0.0100 B	<0.100	<0.0200 B	<0.0200 B	<0.0200	<0.0200	<0.0200	0.00530 J
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-7 03/28/06	GMPZ-7 09/21/06	GMPZ-7 03/20/07	GMPZ-7 09/12/07	GMPZ-7 03/13/08	GMPZ-7 09/23/08	GMPZ-7 03/03/09	GMPZ-7 09/28/09	GMPZ-7 03/30/10	GMPZ-7 09/28/10	GMPZ-7 03/30/11
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-7 04/06/11	GMPZ-7 09/20/11	GMPZ-7 03/20/12	GMPZ-7 09/18/12	GMPZ-7 03/19/13	GMPZ-7 09/25/13	GMPZ-7 09/29/14	GMPZ-7 03/18/15	GMPZ-7 09/24/16	GMPZ-7 03/14/17	GMPZ-7 09/24/18
Inorganics													
Aluminum	--	mg/L	NA	<0.100	<0.100	<0.100	<0.0190	<0.100 B	0.0440 J	<0.100	<0.100	<0.100 J	<0.100
Antimony	0.006	mg/L	NA	<0.00300	<0.00300	<0.00300	<0.000480	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Arsenic	0.01	mg/L	NA	0.00950	0.00160	0.00330	0.00420	0.00410	0.00260	0.00370	0.00350	0.00230	0.00190
Barium	2	mg/L	NA	0.310	0.280	0.300	0.280	0.280	0.220	0.230	0.270	0.250	0.290
Beryllium	0.004	mg/L	NA	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	NA	<0.000500	<0.000500	<0.000500	<0.000100	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Calcium	--	mg/L	NA	<10.0	3.00	100	54.0	28.0	68.0	61.0	93.0	14.0	22.0
Chloride	--	mg/L	<2.00 B	<2.00 B	9.20	1.60 J	1.20 J	2.20 J	<2.00	1.40 J	1.60 J	1.50 J	<2.00
Chromium	0.1	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	--	mg/L	NA	<0.00100 B	<0.00100	0.000230 J	0.000130 J	<0.00100 B	0.000250 J	<0.00100	0.000240 J	<0.00100	<0.00100
Copper	1.3	mg/L	NA	<0.00200	<0.00200	<0.00200	<0.000570	<0.00200 B	<0.00200	<0.00200	0.00230	<0.00200	<0.00200
Cyanide	0.2	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	NA	1.30	0.0970 J	0.320	0.300	0.440	0.290	0.220	0.260	0.110 J	0.0780 J
Lead	0.015	mg/L	NA	<0.000500 B	<0.000500	0.000240 J	<0.000160	<0.000500 B	0.000270 J	0.000200 J	<0.000500 J	<0.000500	<0.000500
Magnesium	--	mg/L	NA	23.0	24.0 J	22.0 J	22.0	26.0	23.0	23.0	20.0	20.0	21.0
Manganese	--	mg/L	NA	0.0250	0.00290 J	0.0240	0.00940	0.00940	0.0250	0.0110	0.0210	0.00240 J	0.0210
Mercury	0.002	mg/L	NA	<0.000200 B	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	NA	<0.00200 B	<0.00200	<0.00200	<0.000520	<0.00200 B	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Potassium	--	mg/L	NA	1.30	1.30	1.40	1.30	1.40	1.30	1.40	1.30	1.30	1.40
Selenium	0.05	mg/L	NA	<0.00250	<0.00250	<0.00250	<0.000250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	NA	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	NA	30.0	29.0	34.0	34.0	33.0	32.0	34.0	32.0	31.0	32.0
Thallium	0.002	mg/L	NA	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200
Vanadium	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	NA	0.00320 J	<0.0200	0.00750 J	<0.00630	<0.0200 B	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-7 04/06/11	GMPZ-7 09/20/11	GMPZ-7 03/20/12	GMPZ-7 09/18/12	GMPZ-7 03/19/13	GMPZ-7 09/25/13	GMPZ-7 09/29/14	GMPZ-7 03/18/15	GMPZ-7 09/24/16	GMPZ-7 03/14/17	GMPZ-7 09/24/18
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-7 03/27/19	GMPZ-9 03/09/95	GMPZ-10 03/09/95	GMPZ-11 02/28/95	GMPZ-11 12/19/02	GMPZ-11 06/18/03	GMPZ-11 12/10/03	GMPZ-11 06/17/04	GMPZ-11 12/15/04	GMPZ-11 06/22/05	GMPZ-11 03/29/06
Inorganics													
Aluminum	--	mg/L	<0.100	3.40	2.70	94.0	NA	0.200	0.350	<0.200	0.0670 B	<0.200	<0.200
Antimony	0.006	mg/L	<0.00300	<0.0500	<0.0500	<0.0500	NA	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600
Arsenic	0.01	mg/L	0.00260	<0.0100	<0.0100	0.0840	NA	<0.0100	<0.0100	<0.0100	<0.0100	0.00220 B	<0.0100
Barium	2	mg/L	0.270	0.380	0.0900	0.910	NA	0.120	0.160	0.130	0.140	0.150	0.0440
Beryllium	0.004	mg/L	<0.00100	<0.00500	<0.00500	0.00570	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	<0.000500	<0.00500	<0.00500	<0.00500	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	16.0	52.0	60.0	860	NA	56.0	58.0	54.0	58.0	57.0	130
Chloride	--	mg/L	1.00 J	NA	NA	NA	NA	4.30	3.60	4.70	4.60	3.80	9.20
Chromium	0.1	mg/L	<0.00500	<0.0100	<0.0100	0.210	NA	<0.0100	0.00160 B	<0.0100	<0.0100	0.00200 B	<0.0100
Cobalt	--	mg/L	<0.00100	<0.0100	<0.0100	0.0790	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00930
Copper	1.3	mg/L	<0.00200	<0.0250	<0.0250	0.220	NA	<0.0100	0.00170 B	<0.0100	<0.0100	<0.0100	<0.0100
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00240 B
Iron	--	mg/L	0.130	5.70	5.60	170	NA	0.110	0.780	<0.0500	0.540	0.230	0.360
Lead	0.015	mg/L	<0.000580 B	0.00510	<0.00500	0.0970	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	--	mg/L	20.0	30.0	24.0	290	NA	27.0	28.0	26.0	28.0	28.0	46.0
Manganese	--	mg/L	<0.00500 B	0.140	0.210	3.70	NA	<0.0100	0.120	<0.0100	0.120	0.0480	0.150
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	0.000250	NA	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	<0.00200	<0.0400	<0.0400	0.200	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00180 B
Potassium	--	mg/L	1.30	3.50	2.50	26.0	NA	1.60	2.00	1.70	1.70	1.80	2.20 J
Selenium	0.05	mg/L	<0.00250	<0.0100	<0.0100	<0.0500	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.0100	<0.0100	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	32.0	31.0	45.0	18.0	NA	15.0	17.0	14.0	14.0	18.0	46.0
Thallium	0.002	mg/L	<0.00200	<0.0100	<0.0100	<0.0100	NA	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.0100	<0.0100	0.250	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	0.0400	0.460	NA	<0.0200	<0.0200	<0.0200	0.00190 B	<0.0200	<0.0200
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	0.0440 B	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	<0.0200	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	0.170	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	<0.00400	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	<0.00200	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	58.0	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	2.90	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-7 03/27/19	GMPZ-9 03/09/95	GMPZ-10 03/09/95	GMPZ-11 02/28/95	GMPZ-11 12/19/02	GMPZ-11 06/18/03	GMPZ-11 12/10/03	GMPZ-11 06/17/04	GMPZ-11 12/15/04	GMPZ-11 06/22/05	GMPZ-11 03/29/06
Copper	1.3	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	0.940	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	30.0	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	0.180	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	<0.000200	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	1.80	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	17.0	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	0.0230	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-11 03/21/07	GMPZ-11 03/14/08	GMPZ-11 03/04/09	GMPZ-11 03/31/10	GMPZ-11 03/30/11	GMPZ-11 03/20/12	GMPZ-11 03/20/13	GMPZ-11 09/30/14	GMPZ-11 03/27/19	GMPZ-12 02/28/95	GMPZ-12 12/17/02
Inorganics													
Aluminum	--	mg/L	0.0380 J	<1.00	0.0480 J	<1.00	<0.100	0.0330 J	<0.0190	0.0530 J	<0.100	52.0	NA
Antimony	0.006	mg/L	<0.00100	<0.00200	<0.00200	0.000270 J	<0.00300 B	<0.00300	0.000780 J	0.000740 J	<0.00300	<0.0500	NA
Arsenic	0.01	mg/L	0.00230	0.00290 J	0.00290	0.00300	0.00310	0.00280	0.00320	0.00460	0.00570	0.0460	NA
Barium	2	mg/L	0.130	0.150	0.140	0.150	0.140	0.140	0.140	0.140	0.160	0.810	NA
Beryllium	0.004	mg/L	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00500	NA
Cadmium	0.005	mg/L	0.0000600 J	<0.00500	0.000490 J	0.000420 J	0.000390 J	0.000570	0.00250	0.00160	0.000630	<0.00500	NA
Calcium	--	mg/L	55.0 B	41.0	51.0	63.0	49.0	33.0	64.0	81.0	41.0	450	NA
Chloride	--	mg/L	3.00	11.0	3.30	2.80 J	2.40	1.20 J	2.60	2.70	3.80	NA	NA
Chromium	0.1	mg/L	0.000990 J	<0.0500	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.000640	0.000670 J	<0.00500	0.100	NA
Cobalt	--	mg/L	0.000510 J	<0.0100	<0.00100 B	0.000360 J	0.000360 J	0.000290 J	0.000240 J	<0.00100	<0.00100	0.0500	NA
Copper	1.3	mg/L	<0.00200	<0.0200	0.00100 J	<0.00200 B	<0.00200	0.00120 J	0.00240	0.000750 J	<0.00200	0.120	NA
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 B	<0.0100	<0.00330	<0.0100	<0.0100	<0.0100	NA
Iron	--	mg/L	0.120	<1.00	0.160	0.0300 J	0.0470 J	0.0950 J	0.0400 J	0.120	0.600	100	NA
Lead	0.015	mg/L	0.000130 J	<0.00500	<0.000500 B	<0.000500	<0.000500	<0.000500 B	<0.000160	0.000190 J	<0.000560 B	0.0480	NA
Magnesium	--	mg/L	28.0	29.0	27.0	30.0	28.0	30.0 J	30.0	30.0	32.0	140	NA
Manganese	--	mg/L	0.00200	0.00750 J	0.0420 J	0.00700	0.00800 J	0.0200	0.00820	0.0220	0.0330	2.10	NA
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	0.000200	NA
Nickel	--	mg/L	0.00130 J	<0.0200	<0.00200 B	0.000700 J	0.000800 J	0.000600 J	0.00120 J	0.000890 J	0.000980 J	0.130	NA
Potassium	--	mg/L	1.60	1.90 J	1.70	1.70	1.80	1.70	1.70	1.70	1.60	15.0	NA
Selenium	0.05	mg/L	<0.00250	<0.0250	<0.00250	<0.00250	<0.00250 B	<0.00250	<0.000250	<0.00250	<0.00250	<0.0200	NA
Silver	--	mg/L	<0.000500	<0.00500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.0100	NA
Sodium	--	mg/L	17.0 B	18.0	16.0	18.0	16.0	18.0	18.0	20.0	18.0	23.0	NA
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.0100	NA
Vanadium	--	mg/L	<0.00500	<0.0500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	0.130	NA
Zinc	--	mg/L	0.00480 J	<0.200	<0.0200 B	<0.0200	0.00770 J	<0.0200 B	<0.00630	<0.0110 B	<0.0200	0.290	NA
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0340 B
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0200
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.110
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00400
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00200
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.0
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.00
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-11 03/21/07	GMPZ-11 03/14/08	GMPZ-11 03/04/09	GMPZ-11 03/31/10	GMPZ-11 03/30/11	GMPZ-11 03/20/12	GMPZ-11 03/20/13	GMPZ-11 09/30/14	GMPZ-11 03/27/19	GMPZ-12 02/28/95	GMPZ-12 12/17/02
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0500
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.70
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000200
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00830 B
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.40
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.0
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0100
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00500
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0170 B

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-12 03/26/03	GMPZ-12 06/17/03	GMPZ-12 09/24/03	GMPZ-12 12/09/03	GMPZ-12 03/16/04	GMPZ-12 06/16/04	GMPZ-12 09/14/04	GMPZ-12 12/14/04	GMPZ-12 03/30/05	GMPZ-12 06/21/05	GMPZ-12 09/13/05
Inorganics													
Aluminum	--	mg/L	NA	0.370	0.140 B	0.0420 B	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Antimony	0.006	mg/L	<0.0200	<0.0200	0.00230 B	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
Arsenic	0.01	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	2	mg/L	NA	0.180	0.200	0.110	0.200	0.160	0.0950	0.220	0.180	0.110	0.130
Beryllium	0.004	mg/L	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	NA	33.0	45.0	16.0	42.0	26.0	22.0	36.0	48.0	4.40	31.0 J
Chloride	--	mg/L	1.90	1.40 B	1.10 BJ	1.30 B	2.00 B	1.90 B	2.90	2.70	2.80	3.30	3.50
Chromium	0.1	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	0.00350 B	<0.0100	<0.0100	<0.0100	0.00140 B	0.00160 B
Cobalt	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00180 B	<0.00500
Copper	1.3	mg/L	NA	0.00230 B	<0.0100	0.00160 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00260 B	<0.0100
Cyanide	0.2	mg/L	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00340 B	<0.0100
Iron	--	mg/L	NA	0.530	0.360	0.0420 B	0.200	0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Lead	0.015	mg/L	0.00320	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00350 B	0.00280 B	<0.00500	<0.00500	<0.00500
Magnesium	--	mg/L	NA	12.0	9.90	3.60	8.00	10.0	1.20	14.0	0.780	1.80	1.00 J
Manganese	--	mg/L	NA	0.0340	0.0250	0.00300 B	0.0120	0.0180	<0.0100	0.0150	<0.0100	0.00200 B	<0.0100
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0000640 B	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	NA	0.00380 B	0.00530 B	0.00510 B	0.00580 B	0.00390 B	0.00600 B	0.00370 B	0.0120	0.0110	0.0100
Potassium	--	mg/L	NA	2.50	3.10 J	4.10	3.80	3.60	4.10	3.80 J	4.70 J	3.70	3.80 J
Selenium	0.05	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00100 B	<0.00500
Sodium	--	mg/L	NA	23.0	24.0	23.0	23.0	23.0	21.0	22.0	21.0	22.0	20.0
Thallium	0.002	mg/L	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00250 B	<0.00500
Zinc	--	mg/L	NA	<0.0200	<0.0200	<0.0200	<0.0200	0.0140 B	<0.0200	<0.0200	<0.0200	<0.0200	0.0130 B
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-12 03/26/03	GMPZ-12 06/17/03	GMPZ-12 09/24/03	GMPZ-12 12/09/03	GMPZ-12 03/16/04	GMPZ-12 06/16/04	GMPZ-12 09/14/04	GMPZ-12 12/14/04	GMPZ-12 03/30/05	GMPZ-12 06/21/05	GMPZ-12 09/13/05
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-12 03/28/06	GMPZ-12 09/20/06	GMPZ-12 03/20/07	GMPZ-12 09/12/07	GMPZ-12 03/13/08	GMPZ-12 09/23/08	GMPZ-12 03/03/09	GMPZ-12 09/28/09	GMPZ-12 03/30/10	GMPZ-12 09/28/10	GMPZ-12 03/30/11
Inorganics													
Aluminum	--	mg/L	<0.200	<0.200	0.0210 J	<0.100	<0.500	<0.100	0.0290 J	<0.100	<0.100	<0.100	<0.100
Antimony	0.006	mg/L	<0.00600	<0.00600 J	<0.00100	<0.00100	<0.00200	<0.00200	0.00100 J	<0.00200 B	0.00180 J	0.000830 J	<0.00300 B
Arsenic	0.01	mg/L	<0.0100	<0.0100	0.00650	0.00590	0.0130	0.0150	0.00210	0.00400	0.00540	0.00950	0.00790
Barium	2	mg/L	0.0170	0.0130	0.250	0.240	0.360	0.330	0.0210	0.0230	0.100	0.240	0.260
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	<0.000500	0.000690	<0.00250	<0.000500	<0.000500	<0.000500	0.000130 J	<0.000500	<0.000500
Calcium	--	mg/L	5.30	5.60	28.0 B	29.0 J	36.0	36.0 J	4.00	7.50	18.0	18.0	4.80 J
Chloride	--	mg/L	2.30	2.00 B	2.70 J	2.50 J	0.900 J	0.680 J	2.60	1.80 J	2.70 J	<2.00 B	2.00
Chromium	0.1	mg/L	0.00150 B	<0.0100	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	--	mg/L	<0.00500	<0.00500	0.000250 J	0.000180 J	<0.00500	0.000340 J	<0.00100 J	0.000100 J	0.000150 J	<0.00100	0.000160 J
Copper	1.3	mg/L	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0100	<0.00200	0.000580 J	0.000680 J	<0.00200 B	0.000560 J	<0.00200
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 B
Iron	--	mg/L	<0.0500	<0.100	0.200	0.120	0.590	0.570 J	<0.100	<0.100	<0.100	0.0260 J	0.0440 J
Lead	0.015	mg/L	<0.00500	<0.00500	<0.00100	<0.00100	<0.00250	<0.000500	<0.000500	<0.000500 B	<0.000500	<0.000500	<0.000500
Magnesium	--	mg/L	5.60	20.0	27.0	24.0	30.0	29.0 J	9.20	16.0	24.0	33.0	29.0
Manganese	--	mg/L	<0.0100	<0.0100	0.0430	0.0320	0.0460	0.0380	0.000430 J	<0.00250 B	0.00110 J	0.00530	<0.00250 B
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.00750 B	<0.0100	0.00120 J	0.000900 J	<0.0100	0.000440 J	0.00430 J	0.00230	0.00190 J	0.00120 J	0.00120 J
Potassium	--	mg/L	3.90 J	3.00 J	1.90	2.00	2.20 J	1.70	3.50	2.90	2.60	1.80	2.00
Selenium	0.05	mg/L	<0.0100	<0.0100	<0.00250	<0.00250	<0.0130	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250 B
Silver	--	mg/L	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	22.0	22.0	25.0	24.0 B	28.0	27.0 J	23.0	25.0	27.0	26.0	23.0
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	0.00510 J	<0.0100	<0.100	<0.0200 B	<0.0200 B	<0.0200	<0.0200	0.00550 J	0.00670 J
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-12 03/28/06	GMPZ-12 09/20/06	GMPZ-12 03/20/07	GMPZ-12 09/12/07	GMPZ-12 03/13/08	GMPZ-12 09/23/08	GMPZ-12 03/03/09	GMPZ-12 09/28/09	GMPZ-12 03/30/10	GMPZ-12 09/28/10	GMPZ-12 03/30/11
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-12 09/20/11	GMPZ-12 03/20/12	GMPZ-12 09/18/12	GMPZ-12 03/19/13	GMPZ-12 09/25/13	GMPZ-12 09/29/14	GMPZ-12 03/18/15	GMPZ-12 09/23/16	GMPZ-12 03/14/17	GMPZ-12 09/24/18
Inorganics												
Aluminum	--	mg/L	<0.100	<0.100	<0.100	<0.0190	<0.100 B	<0.100	<0.100	<0.100	<0.100 J	<0.100 [<u><0.100</u>]
Antimony	0.006	mg/L	<0.00300	<0.00300	<0.00300 B	0.00120 J	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300 [<u><0.00300</u>]
Arsenic	0.01	mg/L	0.00980	0.00580	0.00600	0.00680	0.00710	0.00660	0.00660	0.00430	0.00480	0.00330 [0.00350]
Barium	2	mg/L	0.350	0.270	0.320	0.300	0.340	0.300	0.290	0.320	0.320	0.320 [0.340]
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100 [<u><0.00100</u>]
Cadmium	0.005	mg/L	<0.000500	<0.000500	0.000180 J	0.000200 J	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500 [<u><0.000500</u>]
Calcium	--	mg/L	8.20 J	15.0	78.0	45.0	39.0	57.0	54.0	10.0	26.0	30.0 [31.0]
Chloride	--	mg/L	<2.00 B	4.30	1.00 J	1.10 J	2.20 J	<2.00	1.30 J	0.700 J	1.20 J	<2.00 [<u><2.00</u>]
Chromium	0.1	mg/L	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500 [<u><0.00500</u>]
Cobalt	--	mg/L	<0.00100 B	0.000200 J	0.000230 J	0.000420 J	<0.00100 B	0.000300 J	<0.00100	<0.00100	<0.00100	<0.00100 [<u><0.00100</u>]
Copper	1.3	mg/L	<0.00200	0.000930 J	0.000730 J	<0.00200 B	<0.00200 B	<0.00200	0.00100 J	<0.00200	<0.00200	<0.00200 [<u><0.00200</u>]
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 [<u><0.0100</u>]
Iron	--	mg/L	0.0990 J	<0.100	<0.100	0.0480 J	0.0830 J	0.0570 J	0.0760 J	<0.100	0.0350 J	<0.100 [<u><0.100</u>]
Lead	0.015	mg/L	<0.000500	<0.000500	<0.000500	<0.000160	<0.000500 B	0.000100 J	0.000270 J	0.000140 J	<0.000500	<0.000500 [<u><0.000500</u>]
Magnesium	--	mg/L	29.0	27.0 J	29.0 J	28.0	29.0	26.0	28.0	27.0	28.0	27.0 [28.0]
Manganese	--	mg/L	0.0490	0.0180	0.0270	0.00290	0.0590	0.0560	0.00660	0.0210	0.00850	0.0250 [0.0290]
Mercury	0.002	mg/L	<0.000200 B	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 [<u><0.000200</u>]
Nickel	--	mg/L	<0.00200 B	<0.00200	0.00110 J	0.00120 J	<0.00200 B	<0.00200	0.00120 J	<0.00200	0.000650 J	<0.00200 [0.000660 J]
Potassium	--	mg/L	1.80	1.60	1.70	1.70	1.80	1.60	1.70	1.60	1.60	1.60 [1.60]
Selenium	0.05	mg/L	<0.00250	<0.00250	<0.00250	<0.000250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250 [<u><0.00250</u>]
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500 [<u><0.000500</u>]
Sodium	--	mg/L	26.0	25.0	28.0	27.0	27.0	27.0	28.0	26.0	27.0	25.0 [26.0]
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200 B	<0.00200 B	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200 [<u><0.00200</u>]
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500 [<u><0.00500</u>]
Zinc	--	mg/L	<0.0200	<0.0200	<0.0200	<0.00630	<0.0200 B	<0.00640 B	0.00600 J	<0.0200	<0.0200	<0.0200 [<u><0.0200</u>]
Inorganics-Filtered												
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-12 09/20/11	GMPZ-12 03/20/12	GMPZ-12 09/18/12	GMPZ-12 03/19/13	GMPZ-12 09/25/13	GMPZ-12 09/29/14	GMPZ-12 03/18/15	GMPZ-12 09/23/16	GMPZ-12 03/14/17	GMPZ-12 09/24/18
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-12 03/27/19	GMPZ-13 03/14/95	GMPZ-14 03/10/95	GMPZ-15 03/10/95	GMPZ-16 03/10/95	GMPZ-18 03/10/95	GMPZ-18 12/17/02	GMPZ-18 03/26/03	GMPZ-18 06/17/03	GMPZ-18 09/24/03	GMPZ-18 12/09/03	GMPZ-18 03/16/04
Inorganics														
Aluminum	--	mg/L	<0.100	5.30	18.0	9.70	2.50	6.30	NA	NA	<0.200	0.0300 B	0.0260 B	<0.200
Antimony	0.006	mg/L	<0.00300	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	NA	<0.0200	<0.0200	<0.00300	<0.00600	<0.00600
Arsenic	0.01	mg/L	0.00460	0.0130	0.0140	0.0160	<0.0100	<0.0100	NA	NA	<0.0100	<0.0100	<0.0100	<0.0100
Barium	2	mg/L	0.320	0.630	0.640	0.450	0.230	0.360	NA	NA	0.300	0.310	0.290	0.330
Beryllium	0.004	mg/L	<0.00100	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	NA	NA	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.005	mg/L	<0.000500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	NA	NA	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	--	mg/L	13.0	180	220	180	48.0	110	NA	NA	62.0	67.0	61.0	67.0
Chloride	--	mg/L	<2.00	NA	NA	NA	NA	NA	NA	1.80	2.10	2.10 J	1.60 B	2.50
Chromium	0.1	mg/L	<0.00500	0.0160	0.0400	0.0190	<0.0100	0.0150	NA	NA	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	--	mg/L	<0.00100	<0.0100	0.0190	0.0110	<0.0100	<0.0100	NA	NA	<0.00500	<0.00500	<0.00500	<0.00500
Copper	1.3	mg/L	0.000670 J	<0.0250	0.0550	<0.0250	<0.0250	<0.0250	NA	NA	0.00170 B	<0.0100	0.00170 B	<0.0100
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	0.0160	<0.0100	<0.0100	NA	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	<0.100	9.10	35.0	20.0	4.40	12.0	NA	NA	<0.0500	<0.0500	<0.0500	<0.0500
Lead	0.015	mg/L	<0.000560 B	0.00860	0.0400	0.0160	<0.00500	0.00770	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	--	mg/L	27.0	21.0	83.0	59.0	29.0	42.0	NA	NA	28.0	28.0	27.0	29.0
Manganese	--	mg/L	<0.00340 B	0.200	0.960	0.550	0.130	0.270	NA	NA	0.0400	0.240	0.0120	0.0170
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	NA	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	--	mg/L	0.000640 J	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	NA	NA	<0.0100	<0.0100	<0.0100	<0.0100
Potassium	--	mg/L	1.60	8.00	7.40	5.40	3.70	3.90	NA	NA	1.50	1.60 J	1.60	1.60
Selenium	0.05	mg/L	<0.00250	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	NA	NA	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	NA	NA	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	--	mg/L	29.0	19.0	20.0	22.0	39.0	14.0	NA	NA	17.0	16.0	15.0	16.0
Thallium	0.002	mg/L	<0.00200	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	NA	NA	<0.0100	<0.0100	<0.00200	<0.00200 J
Vanadium	--	mg/L	<0.00500	0.0150	0.0470	0.0250	<0.0100	0.0160	NA	NA	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	0.0430	0.120	0.0510	<0.0200	0.0340	NA	NA	<0.0200	<0.0390	<0.0200	<0.0200
Inorganics-Filtered														
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	0.0270 B	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	<0.0200	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	0.320	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	<0.00400	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	<0.00200	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	62.0	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	<2.00	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-12 03/27/19	GMPZ-13 03/14/95	GMPZ-14 03/10/95	GMPZ-15 03/10/95	GMPZ-16 03/10/95	GMPZ-18 03/10/95	GMPZ-18 12/17/02	GMPZ-18 03/26/03	GMPZ-18 06/17/03	GMPZ-18 09/24/03	GMPZ-18 12/09/03	GMPZ-18 03/16/04
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	<0.0500	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	28.0	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	0.300	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	<0.000200	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	1.60	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	17.0	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	<0.0100	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	<0.00500	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	0.0160	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-18 06/16/04	GMPZ-18 09/14/04	GMPZ-18 12/15/04	GMPZ-18 03/30/05	GMPZ-18 06/21/05	GMPZ-18 09/13/05	GMPZ-18 03/29/06	GMPZ-18 09/21/06	GMPZ-18 03/20/07	GMPZ-18 09/12/07	GMPZ-18 03/13/08	GMPZ-18 09/23/08
Inorganics														
Aluminum	--	mg/L	<0.200	<0.200	0.0810 B	<0.200	<0.200	<0.200	<0.200	<0.200	0.0270 J	<0.100	<0.500	<0.100
Antimony	0.006	mg/L	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00100	<0.00100	<0.00200	<0.00200
Arsenic	0.01	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00410	0.00320	0.00480 J	0.00440
Barium	2	mg/L	0.330	0.310	0.320	0.350	0.330	0.310	0.300	0.310	0.330	0.310	0.370	0.340
Beryllium	0.004	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100
Cadmium	0.005	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500	0.000110 J	<0.00250	<0.000500
Calcium	--	mg/L	66.0	61.0	65.0	73.0	68.0	66.0 J	65.0	58.0	73.0 B	61.0 J	75.0	64.0 J
Chloride	--	mg/L	2.50	2.70	2.10	1.80 B	2.30	1.80 B	2.00 B	1.40 B	1.60 J	3.20 J	2.30	1.90 J
Chromium	0.1	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500	<0.00500	<0.0250	<0.00500
Cobalt	--	mg/L	<0.00500	<0.00500	0.00190 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00100	0.000490 J	<0.00500	0.00100
Copper	1.3	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0220	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0100	<0.00200
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	<0.0500	<0.0500	<0.0960	<0.0500	<0.100	<0.100	<0.0500	<0.100	0.0290 J	<0.100	<0.500	0.0360 J
Lead	0.015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00100	<0.00100	<0.00250	<0.000500
Magnesium	--	mg/L	29.0	27.0	28.0	31.0	29.0	29.0 J	28.0	27.0	31.0	25.0	34.0	33.0
Manganese	--	mg/L	0.00900 B	0.00730 B	0.320	0.00480 B	0.0330	<0.0100	0.0140	<0.0100	0.0140	0.160	0.0430	0.240
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200
Nickel	--	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	0.00280 B	<0.0100	<0.0100	<0.0100	<0.00100	0.00110	<0.0100	0.00180 J
Potassium	--	mg/L	1.70	1.50	1.60	1.70	1.60	1.50	1.50	1.40	1.50	1.40	1.80 J	1.60
Selenium	0.05	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00250	<0.00250	<0.0130	<0.00250
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500
Sodium	--	mg/L	16.0	15.0	15.0	17.0	17.0	17.0	15.0	14.0	17.0 B	14.0 B	18.0	19.0
Thallium	0.002	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	0.00120 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	0.00490 B	<0.0200	<0.0200	0.00740 B	<0.0200	0.0110 B	0.0120	<0.0100 B	<0.100	<0.0200 B
Inorganics-Filtered														
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill**

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-18 06/16/04	GMPZ-18 09/14/04	GMPZ-18 12/15/04	GMPZ-18 03/30/05	GMPZ-18 06/21/05	GMPZ-18 09/13/05	GMPZ-18 03/29/06	GMPZ-18 09/21/06	GMPZ-18 03/20/07	GMPZ-18 09/12/07	GMPZ-18 03/13/08	GMPZ-18 09/23/08
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-18 03/26/09	GMPZ-18 09/28/09	GMPZ-18 03/30/10	GMPZ-18 09/29/10	GMPZ-18 03/29/11	GMPZ-18 09/20/11	GMPZ-18 03/20/12	GMPZ-18 09/19/12	GMPZ-18 03/19/13	GMPZ-18 09/26/13	GMPZ-18 09/29/14
Inorganics													
Aluminum	--	mg/L	0.0390 J	<0.100	0.0280 J	0.0200 J	<0.100	<0.100	<0.100	<0.100	<0.0190	<0.100 B	<0.100
Antimony	0.006	mg/L	0.000580 J	<0.00200 B	0.000290 J	0.000490 J	0.00300 B	<0.00300	<0.00300	<0.00300	0.000490 J	<0.00300	<0.00300
Arsenic	0.01	mg/L	0.00490 J	0.00380	0.00530	0.00420	0.00470	0.00420	0.00500	0.00630	0.00420	0.00460	0.00490
Barium	2	mg/L	0.330	0.300	0.350	0.300	0.320	0.320	0.300	0.300	0.300	0.310	0.320
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.000500	0.000190 J	0.000180 J	0.000290 J	<0.000500	0.000340 J	<0.000500	0.000170 J	0.000120 J	<0.000500	0.000490 J
Calcium	--	mg/L	59.0	64.0	78.0	62.0	67.0	73.0	59.0	83.0	70.0	65.0	76.0
Chloride	--	mg/L	2.00	1.70 J	2.70 J	2.50 J	2.60	<2.00 B	1.90 J	2.50	2.50	3.20 J	2.50
Chromium	0.1	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	0.000970 J
Cobalt	--	mg/L	<0.00100 B	0.000490 J	0.000580 J	0.000290 J	0.000270 J	<0.00100 B	0.000130 J	0.000190 J	<0.000130	<0.00100 B	<0.00100
Copper	1.3	mg/L	<0.00200	<0.00200	<0.00200	0.000540 J	<0.00200	0.000510 J	<0.00200	<0.00200	<0.000570	<0.00200 B	<0.00200
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100	<0.0100
Iron	--	mg/L	<0.100 B	0.0430 J	0.0870 J	0.0330 J	0.0460 J	0.0420 J	<0.100	<0.100	<0.0370	0.0180 J	0.170
Lead	0.015	mg/L	<0.000500 B	<0.000500 B	<0.000500	0.000170 J	<0.000500	<0.000500	<0.000500	<0.000500	<0.000160	<0.000500	0.000110 J
Magnesium	--	mg/L	30.0	27.0	33.0	28.0	28.0	29.0	29.0 J	29.0 J	30.0	28.0	29.0
Manganese	--	mg/L	0.120	0.190	0.130	0.0580	0.0560	0.170	0.0420	0.0620	0.0240	0.0130	0.0380
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200
Nickel	--	mg/L	<0.00200 B	0.00160 J	0.00140 J	0.000950 J	0.000970 J	0.00210 J	<0.00200	0.000970 J	0.000590 J	<0.00200 B	0.000900 J
Potassium	--	mg/L	1.60	1.30	1.50	1.30	1.40	1.40	1.50	1.40	1.50	1.40	1.40
Selenium	0.05	mg/L	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250 B	<0.00250	<0.00250	<0.00250	<0.000250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500
Sodium	--	mg/L	18.0	16.0	17.0	16.0	15.0	16.0	18.0	18.0	17.0	15.0	17.0
Thallium	0.002	mg/L	<0.00200 B	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	<0.0200	0.00850 J	0.00480 J	0.00680 J	<0.0200	0.00810 J	0.0100 J	<0.0200 B	<0.00670 B
Inorganics-Filtered													
Aluminum	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-18 03/26/09	GMPZ-18 09/28/09	GMPZ-18 03/30/10	GMPZ-18 09/29/10	GMPZ-18 03/29/11	GMPZ-18 09/20/11	GMPZ-18 03/20/12	GMPZ-18 09/19/12	GMPZ-18 03/19/13	GMPZ-18 09/26/13	GMPZ-18 09/29/14
Copper	1.3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-18 03/18/15	GMPZ-18 09/24/16	GMPZ-18 03/15/17	GMPZ-18 09/25/18	GMPZ-18 03/28/19
Inorganics							
Aluminum	--	mg/L	<0.100	<0.100	<0.100 J	<0.100	<0.100
Antimony	0.006	mg/L	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Arsenic	0.01	mg/L	0.00660	0.00450	0.00470	0.00410	0.00470
Barium	2	mg/L	0.330	0.330	0.320	0.320	0.360
Beryllium	0.004	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.005	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Calcium	--	mg/L	77.0	55.0	61.0	61.0	64.0
Chloride	--	mg/L	2.70	2.30	2.70	2.70	3.10
Chromium	0.1	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	--	mg/L	0.000190 J	0.000250 J	<0.00100	<0.00100	<0.00100
Copper	1.3	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Cyanide	0.2	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	--	mg/L	0.0340 J	0.0300 J	<0.100 J	<0.100	<0.100
Lead	0.015	mg/L	<0.000500	<0.000500 J	<0.000500	<0.000500	<0.000500 B
Magnesium	--	mg/L	32.0	29.0	29.0	28.0	32.0
Manganese	--	mg/L	0.0460	0.0450	0.00970	0.0150	<0.00330 B
Mercury	0.002	mg/L	<0.000200	<0.000200	<0.000200	0.000210	<0.000200 J
Nickel	--	mg/L	0.000790 J	0.000600 J	<0.00200	<0.00200	0.000780 J
Potassium	--	mg/L	1.50	1.40	1.40	1.40	1.50
Selenium	0.05	mg/L	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	--	mg/L	17.0	15.0	16.0	17.0	20.0
Thallium	0.002	mg/L	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	--	mg/L	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Inorganics-Filtered							
Aluminum	--	mg/L	NA	NA	NA	NA	NA
Antimony	0.006	mg/L	NA	NA	NA	NA	NA
Arsenic	0.01	mg/L	NA	NA	NA	NA	NA
Barium	2	mg/L	NA	NA	NA	NA	NA
Beryllium	0.004	mg/L	NA	NA	NA	NA	NA
Cadmium	0.005	mg/L	NA	NA	NA	NA	NA
Calcium	--	mg/L	NA	NA	NA	NA	NA
Chloride	--	mg/L	NA	NA	NA	NA	NA
Chromium	0.1	mg/L	NA	NA	NA	NA	NA
Cobalt	--	mg/L	NA	NA	NA	NA	NA

Table 3
Summary of Groundwater Sample Inorganic Analytical Results
Lakeland Disposal Landfill

Location ID: Date Collected:	Federal Maximum Contaminant Levels (MCLs)	Units	GMPZ-18 03/18/15	GMPZ-18 09/24/16	GMPZ-18 03/15/17	GMPZ-18 09/25/18	GMPZ-18 03/28/19
Copper	1.3	mg/L	NA	NA	NA	NA	NA
Cyanide	0.2	mg/L	NA	NA	NA	NA	NA
Iron	--	mg/L	NA	NA	NA	NA	NA
Lead	0.015	mg/L	NA	NA	NA	NA	NA
Magnesium	--	mg/L	NA	NA	NA	NA	NA
Manganese	--	mg/L	NA	NA	NA	NA	NA
Mercury	0.002	mg/L	NA	NA	NA	NA	NA
Nickel	--	mg/L	NA	NA	NA	NA	NA
Potassium	--	mg/L	NA	NA	NA	NA	NA
Selenium	0.05	mg/L	NA	NA	NA	NA	NA
Silver	--	mg/L	NA	NA	NA	NA	NA
Sodium	--	mg/L	NA	NA	NA	NA	NA
Thallium	0.002	mg/L	NA	NA	NA	NA	NA
Vanadium	--	mg/L	NA	NA	NA	NA	NA
Zinc	--	mg/L	NA	NA	NA	NA	NA

B = Analyte was also detected in the associated method blank.

J = Indicates an estimated value.

Concentration above MCLs

< = The compound was analyzed for but not detected.

The associated value is the compound quantitation limit.

Table 4. Background Well, Groundwater Volatile Organic Compounds Analytical Results, Lakeland Disposal Landfill, Claypool, Indiana.

Well ID Sample Date	GMMW-13 2/20/95	GMMW-13 3/30/05	GMMW-13 3/29/06	GMMW-13 9/21/06	GMMW-13 3/20/07	GMMW-13 9/13/07	GMMW-13 3/14/08	GMMW-13 9/23/08	GMMW-13 3/3/09	GMMW-13 9/28/09	GMMW-13 3/31/10	GMMW-13 9/29/10
Constituent												
Acetone	<25.0	<5.0	<5.0	<5.0J	<5.0	<5.0	<5.0J	<5.0R	<5.0J	<5.0J	<5.0	<5.0
Benzene	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	<10.0	<1.0	<1.0	<1.0J	<1.0	<1.0	<1.0J	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone (MEK)	<25.0	<5.0	<5.0	<5.0J	<5.0	<5.0J	<5.0	<5.0	<5.0J	<5.0	<5.0	<5.0
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	<10.0	<1.0	<1.0	<1.0J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	<25.0	<5.0J	<5.0	<5.0	<5.0	<5.0J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<2.0	<2.0	<2.0
4-Methyl-2-Pentanone (MIBK)	<25.0	<5.0J	<5.0	<5.0	<5.0	<5.0J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

All analytical results are given in units of micrograms per liter (µg/L)

Detected concentrations are shown in shaded cells with bold font.

Data qualifiers:

J - Result is an estimated value below the reporting limit.

R - Result is unusable/rejected due to average relative response factors below the control limit.

B - Result is less than reporting limit, but greater than method detection limit.

Table 4. Background Well, Groundwater Volatile Organic Compounds Analytical Results, Lakeland Disposal Landfill, Claypool, Indiana.

Well ID Sample Date	GMMW-13 4/6/11	GMMW-13 9/20/11	GMMW-13 3/21/12	GMMW-13 9/19/12	GMMW-13 3/20/13	GMMW-13 9/26/13	GMMW-13 9/30/2014	GMMW-13 3/19/2015	GMMW-13 9/24/2016	GMMW-13 3/14/2017	GMMW-13 9/24/2018	GMMW-13 3/28/2019
Constituent												
Acetone	<5.0	<5.0	<5.0	<5.0	<1.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
Benzene	<0.50	<0.50	<0.50	<0.50	<0.074	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	<1.0	<1.0	<1.0	<1.0	<0.28 J	<1.0	<1.0	<1.0	<1.0 J	<1.0	<1.0	<1.0
Bromomethane	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0 J	<3.0
2-Butanone (MEK)	<5.0	<5.0	<5.0	<5.0	<1.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	<0.43	<5.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0
Carbon Tetrachloride	<1.0	<1.0	<1.0	<1.0	<0.26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	<1.0	<1.0	<1.0	<1.0	<0.14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	<0.34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
Chloromethane	<1.0	0.91 J	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	<1.0	<1.0	<1.0	<1.0	<0.32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	<1.0	<1.0	<1.0	<1.0	<0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<0.31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (total)	<2.0	<2.0	<2.0	<2.0	<0.58	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloropropane	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	<1.0	<1.0	<1.0	<1.0	<0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	<1.0	<1.0	<1.0	<1.0	<0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	<0.13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
2-Hexanone	<5.0	<5.0	<5.0	<5.0	<0.56	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	<2.0	<6.3 B	<5.0	<5.0	<0.68	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Methyl-2-Pentanone (MIBK)	<5.0	<5.0	<5.0	<5.0	<0.33	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	<1.0	<1.0	<1.0	<1.0	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	<1.0	<1.0	<1.0	<1.0	<0.23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	<1.0	<1.0	<1.0	<1.0	<0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	<0.50	<0.50	<0.50	<0.50	<0.11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	<1.0	<1.0	<1.0	<1.0	<0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	<0.50	<0.50	<0.50	<0.50	<0.19	<0.50	0.59	<0.50	<0.50	<0.50	0.52	<0.50
Vinyl Chloride	<0.50	<0.50	<0.50	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0
Xylenes (total)	<2.0	<1.0	<1.0	<1.0	<0.068	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

All analytical results are given in units of micrograms per liter (µg/L)

Detected concentrations are shown in shaded cells with bold font.

Data qualifiers:

J - Result is an estimated value below the reporting limit.

R - Result is unusable/rejected due to average relative response factors below the control limit.

B - Result is less than reporting limit, but greater than method detection limit.

Table 5. Background Well, Analytical Results for Inorganics in Groundwater, Lakeland Disposal Landfill, Claypool, Indiana.

Well ID Sample Date Constituent	GMMW-13 2/20/95	GMMW-13 3/30/05	GMMW-13 3/29/06	GMMW-13 9/21/06	GMMW-13 3/20/07	GMMW-13 9/13/07	GMMW-13 3/14/08	GMMW-13 9/23/08	GMMW-13 3/3/09	GMMW-13 9/28/09	GMMW-13 3/31/10	GMMW-13 9/29/10
Aluminum	3.2	0.17 B	<0.20	<0.20	0.023 J	0.073 J	<1.0	0.069 J	<0.10	0.15	0.023 J	0.028 J
Antimony	<0.050	<0.0060	0.0025 B	<0.0060	<0.0010	<0.0010	<0.0020	<0.0020 B	<0.0020	<0.0020 B	<0.0030	0.00036 J
Arsenic	0.015	<0.010	<0.010	<0.010	0.00041 J	<0.0010	<0.010	0.0033	0.00021 J	0.00051 J	0.00022 J	0.00023 J
Barium	0.39	0.062	0.041	0.045	0.03	0.069	0.027	0.083	0.027	0.055	0.046	0.048
Beryllium	<0.0050	<0.0040	<0.0040	<0.0040	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Cadmium	<0.0050	<0.0020	<0.0020	<0.0020	<0.00050	<0.00050	<0.0050	0.0013 J	<0.00050	<0.00050	<0.00050	0.00028 J
Calcium	280	120	110	120	110	150 J	100	140 J	87	130	120	130
Chromium	0.066	0.0015 B	0.0015 B	<0.010	0.00099 J	<0.0050	<0.050	<0.0050	<0.0050 J	<0.0050	<0.0050	<0.0050
Cobalt	0.032	<0.0050	<0.0050	<0.0050	<0.0010	<0.0010	<0.010	0.0082	<0.0010 J	0.00047 J	0.00012 J	0.00026 J
Copper	0.042	<0.010	<0.010	<0.010	<0.0020	<0.002 B	<0.020	0.012	0.0015 J	0.00082 J	<0.0020 B	0.00084 J
Iron	55	<0.13	<0.050	0.043 B	<0.10	0.030 J	<1.0	5.5	0.058 J	0.33	0.038 J	0.070 J
Lead	0.046	<0.0050	<0.0050	<0.0050	<0.0010	<0.0010 B	<0.0050	0.00050 J	<0.00050 B	<0.00055 B	<0.00050	0.00023 J
Magnesium	78	32	27	29	28	35	28	37	19	30	28	31
Manganese	1.3	0.011	<0.010	<0.010	0.00033 J	0.0022 J	0.02 J	1.4	0.0027 J	0.085	0.0088	0.02
Mercury	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Nickel	0.051	0.0018 B	<0.010	<0.010	<0.0010	0.0011	<0.020	0.012	0.0032 J	0.0028	0.0011 J	0.0016 J
Potassium	8.9	1.5	0.58	0.92	0.57	1.8	<5.0	1.8	0.74	1.4	1.2	0.84
Selenium	<0.010	<0.010	<0.010	<0.010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00066 J	<0.0025
Silver	<0.010	<0.0050	<0.0050	<0.0050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Sodium	5.1	4.9	4.1	5.2	8.9	6.4 B	6.9	6.8	9.7	7.3	13	5.8
Thallium	<0.010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020 B	<0.0020	<0.0020	<0.0020	<0.0020
Vanadium	0.061	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Zinc	0.17	<0.020	<0.020	0.013 B	0.0034 J	<0.010	<0.020	<0.020 B	<0.020 B	<0.020	<0.020	0.0065 J
Chloride	NA	16	45	33	38	35 B	42	35	25	24	21	41
Cyanide, Total	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.0020 J	<0.010
Turbidity	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

All analytical results are given in units of milligrams per liter (mg/L)

Detected concentrations are bolded.

Data qualifiers:

B - Result is less than reporting limit, but greater than method detection limit.

J - Result is an estimated value (J- = estimated low).

NA - Not analyzed.

Table 5. Background Well, Analytical Results for Inorganics in Groundwater, Lakeland Disposal Landfill, Claypool, Indiana.

Well ID Sample Date Constituent	GMMW-13 3/29/11	GMMW-13 9/20/2011	GMMW-13 3/21/12	GMMW-13 9/19/12	GMMW-13 3/20/13	GMMW-13 9/26/13	GMMW-13 9/30/2014	GMMW-13 3/19/2015	GMMW-13 9/24/2016	GMMW-13 3/14/2017	GMMW-13 9/24/2018	GMMW-13 3/28/2019
Aluminum	0.021 J	0.062 J	0.024 J	<0.10	<0.0190	<0.100 B	<0.100	0.0920 J	0.19	<0.100 J	<0.100	0.0470 J
Antimony	<0.0030 B	0.00080 J	<0.0030	<0.0030	<0.000480	<0.003	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Arsenic	0.00016 J	0.00020 J	<0.0010	0.00018 J	0.000260 J	0.00016 J	0.000690 J	0.00140 J	<0.00100	<0.00100	0.000340 J	0.000370 J
Barium	0.050	0.051	0.061	0.043	0.043	0.06	0.041	0.042	0.069	0.063	0.0260	0.0720
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.000170	<0.001	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.00026 J	<0.00050	0.00014 J	0.00058	0.000470 J	0.00017 J	0.000460 J	0.000190 J	<0.000500	0.000430 J	<0.000500	<0.000500
Calcium	130	120	140	130	120	130	100	89	140	140	88.0	140
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.000640	<0.005	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	<0.0010	<0.0010 B	<0.0010	<0.0010	<0.000130	<0.001 B	<0.00100	0.000300 J	0.000760 J	0.000220 J	<0.00100	<0.00100
Copper	<0.0020	0.00084 J	<0.0020	0.0011 J	<0.00200 B	<0.002 B	<0.00200	0.00140 J	0.00190 J	0.000970 J	0.00160 J	0.000520 J
Iron	0.034 J	0.099 J	<0.10	<0.10	<0.0370	0.019 J	0.0480 J	0.11	0.22	0.0490 J	<0.100	0.0580 J
Lead	0.00014 J	<0.00050 B	<0.00050	0.00019 J	<0.000160	<0.0005 B	0.000150 J	0.000220 J	0.000410 J	0.000180 J	<0.000500	0.000820 B
Magnesium	30	29	35 J	33 J	28	33	26	22	35	36	17.0	38.0
Manganese	<0.0025 B	0.023	0.031	0.021	0.00190 J	0.11	0.011	0.013	0.25	0.0067	0.0120	0.0320 B
Mercury	<0.00020	<0.0002	<0.00020	<0.00020	<0.0000710	<0.0002	<0.000200	<0.000200	0.000140 J	<0.000200	<0.000200	<0.000200
Nickel	0.0010 J	<0.0020 B	0.0012 J	0.0017 J	0.000750 J	0.003	0.000880 J	0.000920 J	0.0038	0.00140 J	0.00110 J	0.00240
Potassium	1.1	0.80	1.3	0.58	1.6	1.3	0.470 J	4	1.6	1.5	0.410 J	1.40
Selenium	<0.0025 B	<0.0025	<0.0025	<0.0025	0.000920 J	<0.0025	<0.00250	<0.00250	<0.00250	0.000970 J	0.00340	<0.00250
Silver	<0.00050	<0.00050	<0.00050	<0.00050	<0.0000690	<0.0005	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	6.3	3.5	5.6	3.6	4.5	4.9	3.4	3.8	4.4	4.6	1.50	5.10
Thallium	<0.0020	<0.0020	<0.0020	<0.0020	<0.000270	<0.002	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200
Vanadium	<0.0050	<0.0050	<0.0050	<0.0050	<0.000340	<0.005	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0056 J	0.0076 J	<0.020	0.0067 J	<0.00630	<0.02 B	0.00830 J	<0.0200	0.00650 J	0.00510 J	<0.0200	<0.0200
Chloride	30	30	30	19	60	39	37	31	37.0 J	66	<2.00	35.0
Cyanide, Total	<0.010	<0.010	<0.010	<0.010	<0.00330	<0.01 B	<0.0100	NA	NA	<0.0100	<0.0100	<0.0100
Turbidity	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

All analytical results are given in units of milligrams per liter (mg/L)

Detected concentrations are bolded.

Data qualifiers:

B - Result is less than reporting limit, but greater than method detection limit.

J - Result is an estimated value (J- = estimated low).

NA - Not analyzed.

Table 8. Upper Tolerance Limits for Naturally-Occurring Concentrations of Inorganics in Upgradient Groundwater, Lakeland Disposal Landfill, Claypool, Indiana.

Constituent	Frequency Detects / Total	Percent NDs	Range of SQLs		Range of Detects		Data Distn [a]	95% UTL [b] (mg/L)	UTL Basis	Coverage with NP UTL as Maximum [c]	
			Minimum (mg/L)	Maximum (mg/L)	Minimum (mg/L)	Maximum (mg/L)				Minimum	Expected
Inorganics, Upgradient											
Aluminum	13 / 23	43%	0.019	1.0	0.021	0.19	N,G,Ln	0.18	Normal 95/95UTL using KM estimates	--	--
Antimony	3 / 23	87%	0.00048	0.0060	0.00036	0.0025	--	0.0025	Max	87.8	95.8
Arsenic	15 / 23	35%	0.0010	0.010	0.00016	0.0033	Ln	0.0020	Lognormal 95/95UTL using KM estimates	--	--
Barium	23 / 23	0%	N/A	N/A	0.026	0.083	N,G,Ln	0.086	Normal 95/95UTL	--	--
Beryllium	0 / 23	100%	0.00017	0.0040	N/A	N/A	--	N/A	Max	87.8	95.8
Cadmium	9 / 22	59%	0.00050	0.0050	0.00014	0.00058	N,G,Ln	0.00064	Normal 95/95UTL using KM estimates	--	--
Calcium	23 / 23	0%	N/A	N/A	87	150	N	164	Normal 95/95UTL	--	--
Chromium	3 / 23	87%	0.00064	0.050	0.00099	0.0015	--	0.0015	Max	87.8	95.8
Cobalt	6 / 22	73%	0.00013	0.010	0.00012	0.00076	N,G,Ln	0.00082	Normal 95/95UTL using KM estimates	--	--
Copper	10 / 22	55%	0.0020	0.020	0.00052	0.0019	N,G,Ln	0.0021	Normal 95/95UTL using KM estimates	--	--
Iron	13 / 21	38%	0.037	1.0	0.019	0.22	G,Ln	0.17	Gamma 95/95UTL using KM estimates	--	--
Lead	9 / 23	61%	0.00016	0.0050	0.00014	0.00082	G,Ln	0.00069	Gamma 95/95UTL using KM estimates	--	--
Magnesium	23 / 23	0%	N/A	N/A	17	38	N,G	42	Normal 95/95UTL	--	--
Manganese	19 / 22	14%	0.0025	0.010	0.00033	0.25	G,Ln	0.17	Gamma 95/95UTL using KM estimates	--	--
Mercury	1 / 23	96%	0.000071	0.00020	0.00014	0.00014	--	0.00014	Max	87.8	95.8
Nickel	17 / 22	23%	0.0010	0.020	0.00075	0.0038	N,G,Ln	0.0038	Normal 95/95UTL using KM estimates	--	--
Potassium	21 / 22	5%	5.0	5.0	0.41	1.8	N,G,Ln	2.2	Normal 95/95UTL using KM estimates	--	--
Selenium	4 / 23	83%	0.0025	0.010	0.00066	0.0034	--	0.0034	Max	87.8	95.8
Silver	0 / 23	100%	0.000069	0.0050	N/A	N/A	--	N/A	Max	87.8	95.8
Sodium	22 / 22	0%	N/A	N/A	1.5	9.7	N,G,Ln	9.7	Normal 95/95UTL	--	--
Thallium	0 / 23	100%	0.00027	0.0020	N/A	N/A	--	N/A	Max	87.8	95.8
Vanadium	0 / 23	100%	0.00034	0.0050	N/A	N/A	--	N/A	Max	87.8	95.8
Zinc	9 / 23	61%	0.0063	0.020	0.0034	0.013	N,G,Ln	0.012	Normal 95/95UTL using KM estimates	--	--
Chloride	21 / 22	5%	2.0	2.0	16	60	N,G,Ln	59	Normal 95/95UTL using KM estimates	--	--
Cyanide	1 / 21	95%	0.0033	0.010	0.0020	0.0020	--	0.0020	Max	86.7	95.5

Footnotes appear on the last page.

Notes:

Table 8. Upper Tolerance Limits for Naturally-Occurring Concentrations of Inorganics in Upgradient Groundwater, Lakeland Disposal Landfill, Claypool, Indiana.

[a] Data distribution tested using USEPA (2015) ProUCL Version 5.1 software.

[b] Excludes 1995 data and statistical outliers.

[c] The coverage expresses the proportion of the site data (at 95% confidence if similar to background) that should be less than or equal to the NP UTL when the maximum value is used. The minimum coverage is from Table 17-4 of USEPA (2009) guidance, and the expected coverage was calculated as $N/(N+1)$, where N is the number of data points.

Abbreviations:

--	Insufficient data for statistical analysis or not applicable	N	Norma
Data Distr	Data distribution excluding 1995 data and statistical outliers	NA	Not applicable
G	Gamma distributed	ND	Nondetect
KM	Nonparametric Kaplan-Meier 95/95 UTL	Norm UTL	Normal 95/95 UTL
Ln	Lognormal	NP	Nonparametric; neither normally or lognormally distributed
Max	Maximum detected value	SQLs	Sample quantitation limits
mg/L	Milligrams per liter	UTL	The 95 percent one-tailed upper tolerance limit (with 95% coverage) for the background data set
		WH	Wilson-Hilferty

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMDW-4 03/09/95	GMDW-6 03/02/95	GMMW-3 03/01/95	GMMW-3 06/18/03	GMMW-3 12/10/03	GMMW-3 06/16/04	GMMW-3 12/15/04	GMMW-3 06/22/05	GMMW-3 03/29/06	GMMW-3 03/21/07
Inorganics												
Aluminum	0.181	mg/L	0.850	<0.200	65.0	0.450	0.480	<0.200	4.40	<0.200	<0.200	0.0300 J
Antimony	0.0025	mg/L	<0.0500	<0.0500	<0.0500	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600	<0.00100
Arsenic	0.00204	mg/L	<0.0100	0.0110	0.0520	<0.0100	<0.0100	<0.0100	<0.0100	0.00290 B	<0.0100	0.00760
Barium	0.0862	mg/L	0.330	0.320	0.540	0.360	0.410	0.270	0.530	0.460	0.490	0.500
Beryllium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00400	<0.00400	<0.00400	0.000430 B	<0.00400	<0.00400	<0.00100
Cadmium	0.00064125	mg/L	<0.00500	<0.00500	<0.00500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500
Calcium	163.9	mg/L	53.0	92.0	670	200	230	250	320	240	250	280 B
Chloride	58.87	mg/L	NA	NA	NA	540	630	580	740	680	1,100	1,400
Chromium	0.0015	mg/L	0.0100	<0.0100	0.130	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000800 J
Cobalt	0.00081582	mg/L	<0.0100	<0.0100	0.0690	<0.00500	<0.00500	0.00700	0.00320 B	0.00280 B	<0.00500	0.000510 J
Copper	0.00211	mg/L	<0.0250	<0.0250	0.190	0.00230 B	0.00270 B	<0.0120	0.0110	0.00220 B	<0.0100	0.00310 J
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00210 B	<0.0100
Iron	0.171	mg/L	1.20	2.20	140	3.00	3.60	1.60	12.0	4.60	4.40	3.80
Lead	0.00068945	mg/L	0.00800	<0.00500	0.110	<0.00500	<0.00500	<0.00500	0.00410 B	<0.00500	<0.00500	0.000820 J
Magnesium	42.41	mg/L	16.0	32.0	200	64.0	73.0	79.0	100	76.0	80.0	89.0
Manganese	0.171	mg/L	0.0500	0.0360	3.50	0.200	0.200	0.530	0.360	0.360	0.230	0.410
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.000400	<0.000200	0.0000780 B	<0.000200
Nickel	0.00378	mg/L	<0.0400	<0.0400	0.170	0.00510 B	0.00670 B	0.0140	0.0150	0.0120	0.00910 B	0.0110 B
Potassium	2.15	mg/L	36.0	1.20	15.0	2.60	3.20	2.70	5.20 J	2.70 J	3.20 J	2.10
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000700 J
Silver	--	mg/L	<0.0100	<0.0100	36.0	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500
Sodium	9.732	mg/L	66.0	11.0	0.160	120	120	120	160	170	190	200 B
Thallium	--	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.00200	<0.00200	<0.0100	<0.0100	<0.00200	<0.00200
Vanadium	--	mg/L	<0.0100	<0.0100	0.160	<0.00500	<0.00500	<0.00500	0.0120	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	0.0350	<0.0200	0.430	<0.0310	<0.0200	<0.0200	0.0360	<0.0200	<0.0200	0.00500 J

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the 95% UTL.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-3 03/14/08	GMMW-3 03/04/09	GMMW-3 03/31/10	GMMW-3 03/29/11	GMMW-3 04/06/11	GMMW-3 03/21/12	GMMW-3 03/19/13
Inorganics									
Aluminum	0.181	mg/L	<1.00	<0.100	0.0590 J	0.0410 J [0.0370 J]	0.0910 J [0.100]	0.0330 J [0.0230 J]	0.0600 J
Antimony	0.0025	mg/L	0.000870 J	<0.00200	<0.00300	<0.00300 B [<0.00300 B]	0.000820 J [0.000700 J]	<0.00300 [<0.00300]	<0.000480
Arsenic	0.00204	mg/L	0.00620 J	0.0170	0.00440	0.00450 [0.00510]	0.00910 [0.00880]	0.00970 [0.00980]	0.0130
Barium	0.0862	mg/L	0.480	0.490	0.580	0.550 [0.540]	0.830 [0.820]	0.330 [0.340]	0.530
Beryllium	--	mg/L	<0.0100	<0.00100	<0.00100	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.000170
Cadmium	0.00064125	mg/L	<0.00500	<0.000500	<0.000500	<0.000500 [<0.000500]	0.000140 J [0.000230 J]	<0.000500 [<0.000500]	0.000230 J
Calcium	163.9	mg/L	250	240	290	240 [240]	280 J [290 J]	250 [250]	260
Chloride	58.87	mg/L	17.0	670	760	800	890 [850]	860 [820]	870
Chromium	0.0015	mg/L	<0.0500	<0.00500 J	<0.00500	<0.00500 [<0.00500]	0.000880 J [0.000730 J]	<0.00500 [<0.00500]	0.000980 J
Cobalt	0.00081582	mg/L	<0.0100	0.00280 J	0.000970 J	<0.00100 [<0.00100]	0.00150 [0.00150]	0.00140 [0.00120]	0.00180
Copper	0.00211	mg/L	0.00590 J	0.00380	<0.00200 B	<0.00200 [<0.00200]	0.00280 [0.00280]	0.00420 [0.00420]	0.00500
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.0100 B
Iron	0.171	mg/L	3.90	2.00	5.60	5.20 [5.30]	25.0 [25.0]	21.0 [21.0]	14.0
Lead	0.00068945	mg/L	<0.00500	0.00460	0.000630 J	0.000580 [0.000560]	0.00130 J [0.00110 J]	0.00310 [0.00290]	0.00110
Magnesium	42.41	mg/L	92.0	80.0	92.0	75.0 [75.0]	80.0 [79.0]	84.0 J [86.0 J]	87.0
Manganese	0.171	mg/L	0.630	0.720 J	0.530	0.210 [0.220]	0.240 [0.240]	0.610 [0.600]	0.370
Mercury	0.00014	mg/L	0.000110 J	<0.000200	<0.000200	0.000100 J [0.000150 J]	0.000260 [0.000140 J]	<0.000200 [<0.000200]	<0.0000710
Nickel	0.00378	mg/L	0.0120 J	0.0150	0.0110	0.0100 [0.0100]	0.0120 [0.0120]	0.0110 [0.0110]	0.0160
Potassium	2.15	mg/L	2.70 J	2.10	2.40	2.40 [2.50]	3.20 [3.30]	1.90 [1.90]	2.50
Selenium	0.0034	mg/L	<0.0250	0.000440 J	<0.00250	<0.00250 B [<0.00250 B]	<0.00250 [<0.00250]	<0.00250 [<0.00250]	0.000650 J
Silver	--	mg/L	<0.00500	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.0000690
Sodium	9.732	mg/L	200	170	190	250 [250]	270 J [280 J]	210 [220]	300
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200 [<0.00200]	<0.00200 [<0.00200]	<0.00200 [<0.00200]	<0.000270
Vanadium	--	mg/L	<0.0500	<0.00500	<0.00500	<0.00500 [<0.00500]	<0.00500 [<0.00500]	<0.00500 [<0.00500]	0.000770 J
Zinc	0.0123	mg/L	<0.200	<0.0200 B	<0.0200	0.00330 J [0.00620 J]	<0.0200 B [<0.0200 B]	<0.0200 [<0.0200]	<0.00630

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-3 09/29/14	GMMW-3 03/28/19	GMMW-4 03/01/95	GMMW-4 06/18/03	GMMW-4 12/10/03	GMMW-4 06/17/04	GMMW-4 12/16/04	GMMW-4 06/22/05	GMMW-4 03/29/06
Inorganics											
Aluminum	0.181	mg/L	0.0620 J	<0.100	12.0	0.0910 B	0.860	<0.200	0.480	<0.240	<0.200
Antimony	0.0025	mg/L	<0.00300	<0.00300	<0.0500	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J	0.00190 B
Arsenic	0.00204	mg/L	0.0130	0.00550	0.0250	0.00910 B	0.0140	<0.0100	<0.0140	0.0120	0.00940 B
Barium	0.0862	mg/L	0.450	0.700	0.130	0.150	0.150	0.110	0.140	0.120	0.120
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00500	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	0.000190 J	<0.000500	<0.00500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	220	300	200	140	140	130	150	150	140
Chloride	58.87	mg/L	740	1,300	NA	24.0	18.0	17.0	14.0	18.0	18.0
Chromium	0.0015	mg/L	<0.00500	<0.00500	0.0450	0.00420 B	0.00890 B	0.00290 B	<0.0100	0.00350 B	0.00250 B
Cobalt	0.00081582	mg/L	0.000980 J	0.000660 J	0.0120	0.00290 B	0.00390 B	0.00310 B	0.00360 B	0.00270 B	0.00290 B
Copper	0.00211	mg/L	0.00750	0.000950 J	0.0780	0.00680 B	0.0130	<0.0100	0.00810 B	0.00380 B	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00180 B
Iron	0.171	mg/L	27.0	13.0	31.0	13.0	20.0	9.60	24.0	15.0	17.0
Lead	0.00068945	mg/L	0.00520	<0.000630 B	0.0330	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	82.0	99.0	130	59.0	50.0	44.0	44.0	44.0	44.0
Manganese	0.171	mg/L	0.350	0.210	0.500	0.570	1.00 J	0.500	1.30	0.670	0.670
Mercury	0.00014	mg/L	<0.000200	<0.000200 J	<0.000200	<0.000200	<0.000200	0.0000680 B	0.000260	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.0120	0.0110	0.0640	0.0220	0.0380	0.0200	0.0310	0.0310	0.0190
Potassium	2.15	mg/L	2.20	2.90	4.70	3.60	3.70	2.70	2.30	2.40 J	2.60 J
Selenium	0.0034	mg/L	0.000760 J	<0.00250	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00440 B
Silver	--	mg/L	<0.000500	<0.000500	<0.0100	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	250	440	18.0	37.0	27.0 J	24.0	18.0	23.0	24.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.0100	<0.0100	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	0.0400	<0.00500	0.00240 B	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.00990 B	<0.0200	0.350	<0.0530	0.0850 J	0.0460	0.0560	0.0290	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-4 03/21/07	GMMW-4 03/14/08	GMMW-4 03/04/09	GMMW-4 03/31/10	GMMW-4 03/30/11	GMMW-4 03/20/12	GMMW-4 03/20/13
Inorganics									
Aluminum	0.181	mg/L	0.0250 J	<0.500	0.0650 J	0.0330 J	3.20 J [2.10 J]	0.0490 J [0.0520 J]	<0.0190
Antimony	0.0025	mg/L	<0.00100	<0.00200	<0.00200	0.000200 J	0.00340 J [<0.00300 B]	<0.00300 [<0.00300]	<0.000480
Arsenic	0.00204	mg/L	0.0130	0.0160	0.0210	0.0230	0.0530 J [0.0380 J]	0.0140 [0.0140]	0.0150
Barium	0.0862	mg/L	0.140	0.160	0.170	0.180	0.230 [0.220]	0.150 [0.150]	0.150
Beryllium	--	mg/L	<0.00100	<0.00500	0.000200 J	<0.00100	0.000250 J [<0.00100]	<0.00100 [<0.00100]	<0.000170
Cadmium	0.00064125	mg/L	0.0000600 J	<0.00250	0.000140 J	<0.000500	0.00600 J [0.00330 J]	<0.000500 [0.000170 J]	0.000120 J
Calcium	163.9	mg/L	170 B	160	180	200	200 [210]	170 [170]	170
Chloride	58.87	mg/L	22.0	1.70 J	11.0	13.0	16.0 [14.0]	20.0 [15.0]	14.0
Chromium	0.0015	mg/L	0.00200 J	<0.0250	0.00240 J	0.00140 J	0.0460 [0.0360]	0.000650 J [0.00190 J]	0.00140 J
Cobalt	0.00081582	mg/L	0.00470	0.00550	0.00820 J	0.0120	0.0160 [0.0150]	0.00980 [0.0100]	0.00900
Copper	0.00211	mg/L	<0.00200	<0.0100	0.00250	<0.00200 B	0.0710 [0.0590]	0.000960 J [0.00140 J]	<0.000570
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.00330
Iron	0.171	mg/L	13.0	12.0	16.0	15.0	41.0 [37.0]	9.30 [9.70]	12.0
Lead	0.00068945	mg/L	0.000240 J	<0.00250	<0.000500 B	<0.000500 B	0.00710 J [0.00510 J]	<0.000500 B [0.000770 J]	<0.000500 B
Magnesium	42.41	mg/L	55.0	62.0	59.0	74.0	65.0 [67.0]	65.0 J [65.0 J]	64.0
Manganese	0.171	mg/L	0.520	0.460	0.590 J	0.540	0.850 [0.840]	0.610 [0.630]	0.710
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	0.000340 [0.000120 J]	<0.000200 [<0.000200]	<0.0000710
Nickel	0.00378	mg/L	0.0240 B	0.00270	0.0370 J	0.0390	0.130 [0.110]	0.0290 [0.0310]	0.0270
Potassium	2.15	mg/L	3.10	3.70	3.10	3.70	4.50 [4.70]	4.20 [4.30]	4.00
Selenium	0.0034	mg/L	<0.00250	<0.0130	<0.00250	<0.00250	<0.0120 [<0.00250 B]	<0.00250 [<0.00250]	<0.000250
Silver	--	mg/L	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.0000690
Sodium	9.732	mg/L	32.0	26.0	17.0	20.0	21.0 [22.0]	26.0 [26.0]	26.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 [<0.00200]	<0.00200 [<0.00200]	<0.000270
Vanadium	--	mg/L	<0.00500	<0.0250	0.000630 J	<0.00500	0.0130 J [0.00960 J]	0.000340 J [0.000390 J]	<0.000340
Zinc	0.0123	mg/L	0.00610 J	<0.100 B	0.0230 J	0.0280	0.370 J [0.260 J]	0.0440 J [0.0480 J]	0.0410

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-4 09/30/14	GMMW-4 03/28/19	GMMW-5 03/07/95	GMMW-5 06/18/03	GMMW-5 12/09/03	GMMW-5 06/16/04	GMMW-5 12/15/04	GMMW-5 06/22/05	GMMW-5 03/29/06	GMMW-5 03/20/07
Inorganics												
Aluminum	0.181	mg/L	0.0560 J	<0.100	79.0	<0.200	0.0350 B	<0.200	<0.200	<0.200	<0.200	0.0260 J
Antimony	0.0025	mg/L	<0.00300	<0.00300	<0.0500	<0.0200	<0.00600	<0.00600	<0.00600	0.00360 J	<0.00600	<0.00100
Arsenic	0.00204	mg/L	0.0210	0.0180	0.0430	<0.0100	<0.0100	<0.0100	<0.0100	0.00750 B	0.00300 B	0.00810
Barium	0.0862	mg/L	0.160	0.110	0.940	0.390	0.400	0.410	0.460	0.440	0.300	0.350
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00500	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100
Cadmium	0.00064125	mg/L	<0.000500	<0.000500	<0.00500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500
Calcium	163.9	mg/L	160	140	620	99.0	100	100	120	140	99.0	120 B
Chloride	58.87	mg/L	15.0	17.0	NA	8.50	5.90	9.10	23.0	65.0	46.0	41.0
Chromium	0.0015	mg/L	0.00140 J	<0.00500	0.130	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500
Cobalt	0.00081582	mg/L	0.00830	0.00630	0.0550	0.00150 B	0.00170 B	<0.00500	0.00140 B	0.00190 B	<0.00500	0.000890 J
Copper	0.00211	mg/L	0.000640 J	<0.00200	0.130	0.00160 B	0.00180 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.00200
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	10.0	6.80	130	3.80	2.90	5.80	5.90	11.0	6.40	7.70
Lead	0.00068945	mg/L	0.000180 J	<0.000580 B	0.0710	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00100
Magnesium	42.41	mg/L	57.0	51.0	190	46.0	46.0	46.0	51.0	51.0	39.0	49.0
Manganese	0.171	mg/L	0.640	0.510	2.80	0.250	0.220	0.200	0.290	0.420	0.240	0.220
Mercury	0.00014	mg/L	<0.000200	<0.000200 J	<0.000200	<0.000200	<0.000200	<0.000200	0.0000980 B	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.0240	0.0160	0.150	<0.0100	<0.0100	<0.0100	<0.0100	0.00330 B	<0.0100	0.00160 J
Potassium	2.15	mg/L	4.20	3.30	19.0	2.10	2.50	2.30	2.30	1.80	1.50	1.60
Selenium	0.0034	mg/L	<0.00250	<0.00250	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.0100	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500
Sodium	9.732	mg/L	28.0	30.0	14.0	18.0	17.0	16.0	14.0	13.0	11.0	15.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.0100	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	0.180	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	0.0510	0.0300	0.400	<0.0230	<0.0200	<0.0200	0.00340 B	<0.0200	<0.0200	0.00460 J

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-5 03/13/08	GMMW-5 03/03/09	GMMW-5 03/30/10	GMMW-5 03/29/11	GMMW-5 03/21/12	GMMW-5 03/20/13	GMMW-5 09/30/14	GMMW-5 03/28/19	GMMW-6 03/02/95
Inorganics											
Aluminum	0.181	mg/L	0.280 J	<0.100	0.0310 J	<0.100	0.0320 J	<0.0190	<0.100	0.210	9.30
Antimony	0.0025	mg/L	<0.00200	<0.00200	0.000210 J	<0.00300 B	<0.00300	<0.000480	<0.00300	<0.00300	<0.0500
Arsenic	0.00204	mg/L	0.0190	0.00750	0.0160	0.00660	0.00650	0.00360	0.00750	0.00500	0.0180
Barium	0.0862	mg/L	0.340	0.350	0.330	0.320	0.270	0.260	0.280	0.250	0.180
Beryllium	--	mg/L	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00500
Cadmium	0.00064125	mg/L	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000100	<0.000500	<0.000500	<0.00500
Calcium	163.9	mg/L	110	110	120	120	130	110	110	91.0	170
Chloride	58.87	mg/L	31.0	33.0	22.0	25.0	34.0	21.0	19.0	26.0	NA
Chromium	0.0015	mg/L	<0.0250	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500	0.0130
Cobalt	0.00081582	mg/L	<0.00500	<0.00100 B	0.000380 J	0.000450 J	0.000550 J	0.000200 J	<0.00100	<0.00100	<0.0100
Copper	0.00211	mg/L	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200	<0.000570	<0.00200	<0.00200	0.0350
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	17.0	8.90	10.0	5.80	7.50	2.30	5.60	5.60	23.0
Lead	0.00068945	mg/L	<0.00250 B	<0.000500 B	<0.000500 B	<0.00500	<0.000500	<0.000160	<0.000500	<0.000830 B	0.0240
Magnesium	42.41	mg/L	40.0	48.0	47.0	46.0	53.0 J	46.0	40.0	45.0	37.0
Manganese	0.171	mg/L	0.210	0.280 J	0.190	0.280	0.530	0.210	0.180	0.310	0.670
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	0.0000860 J	<0.000200	<0.0000710	<0.000200	<0.000200 J	<0.000200
Nickel	0.00378	mg/L	0.00210 J	0.00290 J	0.000980 J	0.00110 J	0.000650 J	0.000630 J	<0.00200	0.000750 J	<0.0400
Potassium	2.15	mg/L	2.80	1.70	1.60	1.60	1.40	1.50	1.60	1.30	2.70
Selenium	0.0034	mg/L	<0.0130	<0.00250	<0.00250	<0.00250 B	<0.00250	<0.000250	<0.00250	<0.00250	<0.0100
Silver	--	mg/L	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.0100
Sodium	9.732	mg/L	13.0	16.0	18.0	18.0	19.0	18.0	17.0	18.0	6.50
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.0100
Vanadium	--	mg/L	<0.0250	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	0.0310
Zinc	0.0123	mg/L	<0.100 B	<0.0200 B	0.00680 J	0.00420 J	<0.0200	<0.00630	0.00970 J	<0.0200	0.0820

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-6 03/26/03	GMMW-6 06/17/03	GMMW-6 09/24/03	GMMW-6 12/09/03	GMMW-6 03/16/04	GMMW-6 06/16/04	GMMW-6 09/14/04	GMMW-6 12/15/04	GMMW-6 03/30/05	GMMW-6 06/22/05
Inorganics												
Aluminum	0.181	mg/L	NA	0.870	1.60	3.40	3.20 J	1.20	0.0310 B	0.120 B	2.10	1.00
Antimony	0.0025	mg/L	<0.0200	<0.0200	<0.00300	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	0.00350 B	<0.00600
Arsenic	0.00204	mg/L	NA	<0.0100	0.00780 B	0.00660 B	<0.0100	<0.0100	<0.0100	<0.0100	0.00240 B	0.00480 B
Barium	0.0862	mg/L	NA	0.160	0.200	0.230	0.180	0.130	0.110	0.190	0.170	0.260
Beryllium	--	mg/L	NA	<0.00400	<0.00400	0.000260 B	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	NA	250	260	260	240	220	200	220	250	290
Chloride	58.87	mg/L	270	350	350 J	360	290	260	320	290	280	350
Chromium	0.0015	mg/L	NA	0.00150 B	0.00220 B	0.00480 B	0.00410 B	0.00240 B	<0.0100	<0.0100	0.00410 B	0.00250 B
Cobalt	0.00081582	mg/L	NA	<0.00500	<0.00500	0.00210 B	<0.00500	<0.00500	<0.00500	<0.00500	0.00160 B	0.00290 B
Copper	0.00211	mg/L	NA	0.00310 B	0.0130	0.00850 B	0.00740 B	<0.0100	<0.0100	0.00340 B	0.00450 B	0.00290 B
Cyanide	0.002	mg/L	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	NA	8.30	9.90	10.0	8.90	6.40	2.60	3.50	6.70 J	4.50
Lead	0.00068945	mg/L	<0.00500	<0.00500	0.00380 B	0.00470 B	0.00390 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	NA	61.0	64.0	66.0	64.0	61.0	58.0	60.0	70.0	70.0
Manganese	0.171	mg/L	NA	0.850	0.890	0.920	0.800	0.780	0.580	0.610	0.700	0.650
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0000750 B	0.000170 B	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	NA	<0.0100	0.00220 B	0.00490 B	0.00510 B	0.00230 B	<0.0100	<0.0100	0.00400 B	0.00500 B
Potassium	2.15	mg/L	NA	4.30	5.50 J	6.50	5.50	5.10	5.90	5.00 J	5.80 J	4.50 J
Selenium	0.0034	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	NA	70.0	76.0	76.0	68.0	60.0	77.0	77.0	91.0	80.0
Thallium	--	mg/L	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200
Vanadium	--	mg/L	NA	<0.00500	0.00430 B	0.00890	0.00710	0.00230 B	<0.00500	<0.00500	0.00730	<0.00740
Zinc	0.0123	mg/L	NA	<0.0220	<0.0210	0.0220	0.0230	<0.0200	<0.0200	<0.0200	0.0150 B	0.00910 B

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-6 09/13/05	GMMW-6 03/29/06	GMMW-6 09/21/06	GMMW-6 03/20/07	GMMW-6 09/12/07	GMMW-6 03/13/08	GMMW-6 09/24/08	GMMW-6 03/03/09	GMMW-6 09/28/09
Inorganics											
Aluminum	0.181	mg/L	3.10	1.40	<0.200	0.0220 J	0.700	1.40	1.30	0.160	0.850
Antimony	0.0025	mg/L	<0.00600	0.00430 B	<0.00600	<0.00100	<0.00100	<0.00200	<0.00200	<0.00200	<0.00200 B
Arsenic	0.00204	mg/L	0.0120 J	<0.0100	<0.0100	0.000940 J	0.00100	0.00470 J	0.00260	0.000690 J	0.00400
Barium	0.0862	mg/L	0.240	0.350	0.270	0.0920	0.110	0.890	0.700	0.320	1.10
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.00200	0.0000510 J	0.0000580 J	<0.00250	<0.000500	<0.000500	<0.000500
Calcium	163.9	mg/L	200 J	310	250	21.0 B	23.0 J	190	230 J	220	200
Chloride	58.87	mg/L	440	210	230	8.40	5.90 J	61.0	41.0	32.0	28.0
Chromium	0.0015	mg/L	0.00590 B	0.00230 B	<0.0100	0.000740 J	0.00140 J	<0.0250	0.00200 J	<0.00500 J	0.00180 J
Cobalt	0.00081582	mg/L	0.00310 B	<0.00500	<0.00500	<0.00100	0.000380 J	<0.00500	0.000880 J	<0.00100 J	0.000860 J
Copper	0.00211	mg/L	0.0200	<0.0100	<0.0100	<0.00200	<0.00200 B	0.00430 J	0.00280	0.000610 J	0.00220
Cyanide	0.002	mg/L	0.00310 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	7.10 J	3.60	1.30	0.270	1.20	5.20	3.60	1.90	5.30
Lead	0.00068945	mg/L	0.00420 B	0.00280 B	<0.00500	0.000210 J	<0.00100 B	<0.00250 B	0.00200 J	0.000580 J	0.00160 J
Magnesium	42.41	mg/L	53.0 J	82.0	68.0	14.0	14.0	76.0	76.0	68.0	78.0
Manganese	0.171	mg/L	0.570 J	0.740	0.450	0.00270	0.0300	0.550	0.640	0.620 J	0.660
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00630 B	0.00200 B	<0.0100	<0.00100	0.00100	0.00330 J	0.00240	<0.00200 B	0.00230
Potassium	2.15	mg/L	6.50 J	5.50 J	5.10 J	4.20	3.90	5.30	5.50	3.70	6.10
Selenium	0.0034	mg/L	<0.0100	0.00600 B	<0.0100	<0.00250	<0.00250	<0.0130	0.000700 J	<0.00250	<0.00250
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	82.0	67.0	66.0	37.0	34.0 B	64.0	54.0	34.0	64.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.0200	<0.00200	<0.00200
Vanadium	--	mg/L	0.0130	<0.00500	<0.00500	<0.00500	0.00160 J	0.00470 J	0.00400 J	0.000880 J	0.00300 J
Zinc	0.0123	mg/L	0.0340	<0.0200	<0.0200	0.0120	<0.0100 B	<0.100 B	<0.0200 B	<0.0200 B	0.0130 J

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-6 03/30/10	GMMW-6 09/29/10	GMMW-6 03/29/11	GMMW-6 09/20/11	GMMW-6 03/20/12	GMMW-6 09/18/12
Inorganics								
Aluminum	0.181	mg/L	0.310	0.520	0.390	0.470 [0.590]	0.0740 J	0.0510 J [0.0870 J]
Antimony	0.0025	mg/L	<0.00300	<0.00300	<0.00300 B	<0.00300 [<0.00300]	<0.00300	<0.00300 [<0.00300]
Arsenic	0.00204	mg/L	0.00530	0.00120	0.00130	0.00160 [0.00210]	0.00150	0.00150 [0.00170]
Barium	0.0862	mg/L	1.50	1.10	0.540	1.20 [1.30]	0.770	1.40 [1.40]
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100 [<0.00100]	<0.00100	<0.00100 [<0.00100]
Cadmium	0.00064125	mg/L	0.000500	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.000500	0.000210 J [0.000200 J]
Calcium	163.9	mg/L	150	180	230	190 [180]	200	130 [130]
Chloride	58.87	mg/L	29.0	26.0	17.0	18.0 [19.0]	15.0	16.0 [16.0]
Chromium	0.0015	mg/L	0.000520 J	0.000970 J	0.000750 J	0.00110 J [0.00110 J]	<0.00500	<0.00500 [<0.00500]
Cobalt	0.00081582	mg/L	0.000420 J	0.000540 J	0.000450 J	<0.00100 B [<0.00100 B]	0.000180 J	0.000190 J [0.000200 J]
Copper	0.00211	mg/L	<0.00200 B	0.00150 J	<0.00200	0.00140 J [0.00170 J]	<0.00200	<0.00200 [<0.00200]
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100 B	0.00110 J [<0.0100]	<0.0100	<0.0100 [<0.0100]
Iron	0.171	mg/L	12.0	3.50	4.80	4.00 [4.50]	6.40	2.50 [2.90]
Lead	0.00068945	mg/L	0.000660 J	0.000810	0.000640	0.000780 [0.000940]	<0.000500 B	0.000230 J [0.000280 J]
Magnesium	42.41	mg/L	76.0	69.0	72.0	69.0 [68.0]	68.0 J	53.0 J [53.0 J]
Manganese	0.171	mg/L	0.560	0.490	0.720	0.550 [0.520]	0.520	0.410 [0.420]
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200 B [<0.000200 B]	<0.000200	<0.000200 [<0.000200]
Nickel	0.00378	mg/L	0.00450	0.00130 J	0.000100 J	<0.00200 B [<0.00200 B]	0.000530 J	<0.00200 [0.000610 J]
Potassium	2.15	mg/L	5.00	5.80	4.30	5.60 [5.80]	4.20	5.20 [5.10]
Selenium	0.0034	mg/L	<0.00250	<0.00250	<0.00250 B	<0.00250 [<0.00250]	<0.00250	<0.00250 [<0.00250]
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.000500	<0.000500 [<0.000500]
Sodium	9.732	mg/L	56.0	46.0	29.0	39.0 [43.0]	33.0	41.0 [44.0]
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200 [<0.00200]	<0.00200	<0.00200 [<0.00200]
Vanadium	--	mg/L	<0.00500 B	0.00180 J	0.00140 J	0.00160 J [0.00200 J]	0.000430 J	<0.00500 [<0.00500]
Zinc	0.0123	mg/L	0.00640 J	0.00770 J	0.00580 J	0.00510 J [0.00610 J]	0.0610 J	<0.0200 [0.00820 J]

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-6 03/19/13	GMMW-6 09/25/13	GMMW-6 09/29/14	GMMW-6 03/18/15	GMMW-6 09/23/16	GMMW-6 03/14/17
Inorganics								
Aluminum	0.181	mg/L	0.0490 J [0.0340 J]	0.790	0.430 [0.400]	0.200	0.240 [0.230]	0.190 J [0.170 J]
Antimony	0.0025	mg/L	<0.000480 [<0.000480]	<0.00300	<0.00300 [<0.00300]	<0.00300	<0.00300 [<0.00300]	<0.00300 [<0.00300]
Arsenic	0.00204	mg/L	0.000440 J [0.000390 J]	0.00230	0.00200 [0.00180]	0.00340	<0.00150 B [0.00160]	0.00130 [0.00110]
Barium	0.0862	mg/L	1.10 [1.00]	1.70	1.30 [1.20]	0.860	1.70 [1.70]	1.30 [1.20]
Beryllium	--	mg/L	<0.000170 [<0.000170]	<0.00100	<0.00100 [<0.00100]	<0.00100	<0.00100 [<0.00100]	<0.00100 [<0.00100]
Cadmium	0.00064125	mg/L	0.000160 J [0.000180 J]	<0.000500	0.000350 J [<0.000500]	<0.000500	<0.000500 [<0.000500]	<0.000500 [<0.000500]
Calcium	163.9	mg/L	120 [120]	110	120 [120]	160	130 [130]	150 [150]
Chloride	58.87	mg/L	12.0 [12.0]	13.0	14.0 [17.0]	10.0	8.80 [9.60]	8.20 [8.10]
Chromium	0.0015	mg/L	<0.000640 [0.000690 J]	0.00160 J	0.000800 J [0.000730 J]	<0.00500	<0.00500 [<0.00500]	<0.00500 [<0.00500]
Cobalt	0.00081582	mg/L	0.000160 J [0.000140 J]	<0.00100 B	0.000460 J [0.000420 J]	0.000300 J	0.000360 J [0.000360 J]	0.000330 J [0.000270 J]
Copper	0.00211	mg/L	<0.000570 [<0.00200 B]	0.00270 J	0.00110 J [0.00120 J]	<0.00200	<0.00200 [<0.00200]	<0.00200 [0.00110 J]
Cyanide	0.002	mg/L	<0.0100 B [<0.0100 B]	<0.0100 B	0.00510 J [<0.0100]	<0.0100	<0.0100 [<0.0100]	<0.0100 [<0.0100]
Iron	0.171	mg/L	2.80 [2.10]	7.10	2.80 [2.40]	8.80	2.90 [2.80]	3.50 J [3.00 J]
Lead	0.00068945	mg/L	<0.000500 B [<0.000160]	0.00140	0.000700 [0.000620]	0.000290 J	0.000470 J [0.000460 J]	0.000300 J [0.000310 J]
Magnesium	42.41	mg/L	52.0 [52.0]	50.0	50.0 [47.0]	62.0	59.0 [57.0]	62.0 [59.0]
Manganese	0.171	mg/L	0.350 [0.320]	0.410	0.320 [0.310]	0.420	0.380 [0.370]	0.480 [0.450]
Mercury	0.00014	mg/L	<0.0000710 [<0.0000710]	<0.000200	<0.000200 [<0.000200]	<0.000200	<0.000200 [<0.000200]	<0.000200 [<0.000200]
Nickel	0.00378	mg/L	<0.000520 [<0.000520]	0.00200	0.00140 J [0.00120 J]	0.000880 J	0.000640 J [0.000620 J]	0.000600 J [<0.000200]
Potassium	2.15	mg/L	4.00 [3.90]	5.50	4.80 [4.40]	3.90	5.30 [5.20]	4.10 [3.90]
Selenium	0.0034	mg/L	<0.000250 [<0.000250]	<0.00250	<0.00250 [<0.00250]	<0.00250	<0.00250 [<0.00250]	<0.00250 [<0.00250]
Silver	--	mg/L	<0.0000690 [<0.0000690]	<0.000500	<0.000500 [<0.000500]	<0.000500	<0.000500 [<0.000500]	<0.000500 [<0.000500]
Sodium	9.732	mg/L	31.0 [27.0]	37.0	29.0 [27.0]	26.0	24.0 [23.0]	29.0 [27.0]
Thallium	--	mg/L	<0.000270 [<0.000270]	<0.00200	<0.00200 [<0.00200]	<0.00200	<0.00200 J [<0.00200 J]	<0.00200 [<0.00200]
Vanadium	--	mg/L	<0.000340 [0.000400 J]	0.00280 J	0.00160 J [0.00150 J]	<0.00500	<0.00500 [<0.00500]	<0.00500 [<0.00500]
Zinc	0.0123	mg/L	0.00780 J [<0.00630]	<0.0200 B	<0.00920 B [<0.00820 B]	0.00610 J	0.00500 J [0.00470 J]	<0.0200 [<0.0200]

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-6 09/25/18	GMMW-6 03/28/19	GMMW-7 02/28/95	GMMW-7 03/26/03	GMMW-7 06/17/03	GMMW-7 09/24/03	GMMW-7 12/09/03	GMMW-7 03/16/04	GMMW-7 06/16/04
Inorganics											
Aluminum	0.181	mg/L	0.0720 J	0.0730 J [1.20 J]	8.80	NA	3.30	0.520	0.270	0.750	0.590
Antimony	0.0025	mg/L	<0.00300	<0.00300 [<0.00300]	<0.0500	<0.0200	<0.0200	0.00250 B	<0.00600	<0.00600	<0.00600
Arsenic	0.00204	mg/L	0.00150	0.00190 [0.00230]	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	0.0862	mg/L	1.40	1.50 [1.40]	0.0840	NA	0.0460	0.0360	0.0460	0.0520	0.0540
Beryllium	--	mg/L	<0.00100	<0.00100 [<0.00100]	<0.00500	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	<0.000500	<0.000500 [<0.000500]	<0.00500	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	140	140 [160]	120	NA	90.0	110	140	160	170
Chloride	58.87	mg/L	51.0	4.80 [4.70]	NA	2.30	7.90	12.0 J	20.0	22.0	21.0
Chromium	0.0015	mg/L	<0.00500	<0.00500 [0.00130 J]	0.0170	NA	0.00640 B	0.00160 B	<0.0100	<0.0100	0.00230 B
Cobalt	0.00081582	mg/L	<0.00100	<0.00100 [0.000930 J]	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Copper	0.00211	mg/L	<0.00200	<0.00200 [0.00290]	0.0230	NA	0.00720 B	<0.0100	0.00200 B	<0.0100	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.0100 [<0.0100]	<0.0100	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	2.60	6.70 [7.10]	14.0	NA	3.70	0.470	0.150	0.630	0.450
Lead	0.00068945	mg/L	<0.000500	<0.000560 BJ [0.00200 J]	0.0120	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	55.0	66.0 [66.0]	37.0	NA	24.0	28.0	38.0	42.0	46.0
Manganese	0.171	mg/L	0.370	0.420 [0.470]	0.260	NA	0.0420	0.00790 B	0.00210 B	0.0130	0.0170
Mercury	0.00014	mg/L	<0.000200	<0.000200 J [<0.000200 J]	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.00200	<0.00200 [0.00250]	<0.0400	NA	0.00290 B	<0.0100	<0.0100	<0.0100	<0.0100
Potassium	2.15	mg/L	3.70	3.40 [3.60]	2.30	NA	1.20	0.470 BJ	<0.530	<0.500	<0.570
Selenium	0.0034	mg/L	<0.00250	<0.00250 [<0.00250]	<0.0100	NA	<0.0100	<0.0100	<0.0100	0.00640 B	<0.0100
Silver	--	mg/L	<0.000500	<0.000500 [<0.000500]	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	22.0	20.0 [18.0]	7.70	NA	5.40	6.10	8.70	6.30	6.40
Thallium	--	mg/L	<0.00200	<0.00200 [<0.00200]	<0.0100	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500 [0.00260 J]	0.0290	NA	0.00700	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200	<0.0200 [0.0110 J]	0.0590	NA	<0.0350	<0.0200	<0.0200	<0.0200	<0.0200

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-7 09/14/04	GMMW-7 12/14/04	GMMW-7 03/30/05	GMMW-7 06/21/05	GMMW-7 09/13/05	GMMW-7 03/28/06	GMMW-7 09/21/06	GMMW-7 03/20/07	GMMW-7 09/12/07	GMMW-7 03/13/08
Inorganics												
Aluminum	0.181	mg/L	0.200	<0.200	<0.200	<0.200	0.0140 B	<0.200	<0.200	<0.100	0.0260 J	<0.500
Antimony	0.0025	mg/L	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600	<0.00600	<0.00600	<0.00100	<0.00100	<0.00200
Arsenic	0.00204	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000430 J	<0.00100	<0.00500
Barium	0.0862	mg/L	0.0470	0.0690	0.0570	0.0450	0.0450	0.0480	0.0380	0.0520	0.0490	0.0560
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500	<0.000500	<0.00250
Calcium	163.9	mg/L	160	210	190	160	160 J	160	120	180	160 J	160
Chloride	58.87	mg/L	22.0	25.0	25.0	12.0	9.20	9.60	4.00	6.60	6.40 J	5.00
Chromium	0.0015	mg/L	<0.0100	<0.0100	0.00250 B	<0.0100	0.00310 B	0.00190 B	<0.0100	0.000680 J	<0.00500	<0.0250
Cobalt	0.00081582	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00100	<0.00100	<0.00500
Copper	0.00211	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.00230 B	0.00180 B	<0.0100	<0.0100	0.00500 J	<0.0100	<0.0100
Iron	0.171	mg/L	<0.0500	<0.100	<0.170	<0.100	<0.100	<0.0500	<0.100	<0.100	<0.100	<0.500
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00100	<0.00100 B	<0.00250
Magnesium	42.41	mg/L	41.0	64.0	58.0	41.0	40.0 J	46.0	33.0	52.0	42.0	50.0
Manganese	0.171	mg/L	0.00120 B	0.00140 B	0.0160	<0.0100	<0.0100	0.00740 B	<0.0100	0.00160	0.00120 J	<0.0130
Mercury	0.00014	mg/L	0.0000890 B	<0.000200	<0.000200	<0.000200	<0.000200	0.0000890 B	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	0.000710 J	<0.0100
Potassium	2.15	mg/L	0.370 B	0.450 B	<0.560	<0.500	0.350 B	<0.500	0.230 B	0.290 J	0.360 J	<2.50
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000640 J	0.00280	<0.0130
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250
Sodium	9.732	mg/L	5.30	8.50	6.50	5.10	5.10	5.70	4.80	5.40	5.40 B	5.50
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	0.00250 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250
Zinc	0.0123	mg/L	<0.0200	0.00410 B	<0.0200	<0.0200	0.00680 B	<0.0200	<0.0200	<0.0100	<0.0100 B	<0.100

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-7 09/23/08	GMMW-7 03/03/09	GMMW-7 09/28/09	GMMW-7 03/30/10	GMMW-7 09/28/10	GMMW-7 03/30/11	GMMW-7 09/20/11	GMMW-7 03/20/12	GMMW-7 09/18/12
Inorganics											
Aluminum	0.181	mg/L	0.0690 J	<0.100	0.0620 J	<0.100	<0.100	0.0300 J	<0.100	<0.100	<0.100
Antimony	0.0025	mg/L	<0.00200	<0.00200	<0.00200 B	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.000290 J	0.000180 J	0.000240 J	0.000160 J	0.000160 J	0.000200 J	0.000140 J	<0.00100	0.000180 J
Barium	0.0862	mg/L	0.0400	0.0440	0.0480	0.0460	0.0560	0.0590	0.0680	0.0450	0.0620
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	0.000120 J	<0.000500
Calcium	163.9	mg/L	130 J	140	150	160	190	200	220	170	210
Chloride	58.87	mg/L	2.30	2.50	1.10	3.00 J	2.10 J	3.30	<2.00 B	1.50 J	1.50 J
Chromium	0.0015	mg/L	0.000550 J	0.000750 J	<0.00500	<0.00500	<0.00500	0.000820 J	<0.00500	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	<0.00100	<0.00100 J	0.000850 J	0.000100 J	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Copper	0.00211	mg/L	0.00120 J	0.000900 J	0.000770 J	<0.00200 B	0.000870 J	<0.00200	0.000520 J	0.00100 J	0.000680 J
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 B	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.140	<0.100	0.0870 J	<0.100	<0.100	0.0720 J	0.0140 J	<0.100	<0.100
Lead	0.00068945	mg/L	<0.000500 B	<0.000500 B	<0.000500 B	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500 B	<0.000500
Magnesium	42.41	mg/L	36.0	39.0	40.0	46.0	46.0	47.0	47.0	39.0 J	47.0 J
Manganese	0.171	mg/L	0.0170	0.000570 J	<0.00250 B	0.000470 J	0.000790 J	<0.00250 B	<0.00250	<0.00250	<0.00250
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.000680 J	<0.00200 B	0.000840 J	0.000500 J	0.000570 J	0.000810 J	<0.00200 B	0.000690 J	0.000690 J
Potassium	2.15	mg/L	0.400 J	0.310 J	0.460 J	0.240 J	0.480 J	0.320 J	0.370 J	0.310 J	0.350 J
Selenium	0.0034	mg/L	0.00130 J	0.000840 J	0.000770 J	0.000840 J	0.000820 J	<0.00250 B	0.000560 J	0.000280 J	0.000630 J
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	6.00	5.10	5.90	6.30	9.80	7.30	9.30	7.50	8.30
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	0.000560 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200 B	<0.0200 B	<0.0200	<0.0200	<0.0200	0.00460 J	<0.0200	<0.0200	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-7 03/19/13	GMMW-7 09/25/13	GMMW-7 09/29/14	GMMW-7 03/18/15	GMMW-7 09/24/16	GMMW-7 03/14/17	GMMW-7 09/24/18	GMMW-7 03/27/19	GMMW-9 03/30/95
Inorganics											
Aluminum	0.181	mg/L	<0.0190	<0.100 B	<0.100	<0.100	<0.100	<0.100 J	<0.100	<0.100	4.60
Antimony	0.0025	mg/L	<0.000480	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.0500
Arsenic	0.00204	mg/L	<0.000150	0.000160 J	0.000970 J	0.00150 J	<0.00100	<0.00100	0.000480 J	0.000580 J	<0.0100
Barium	0.0862	mg/L	0.0470	0.0440	0.0400	0.0430	0.0560	0.0530	0.0420	0.0390	0.0800
Beryllium	--	mg/L	<0.000170	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500
Cadmium	0.00064125	mg/L	<0.000100	<0.000500	<0.000500	0.000200 J	<0.000500	<0.000500	<0.000500	<0.000500	<0.00500
Calcium	163.9	mg/L	160	160	130	160	190	190	150	150	130
Chloride	58.87	mg/L	1.30 J	2.30 J	<2.00	<2.00	1.40 J	1.10 J	<2.00	<2.00	NA
Chromium	0.0015	mg/L	<0.000640	0.000530 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0120
Cobalt	0.00081582	mg/L	<0.000130	<0.00100 B	<0.00100	<0.00100	0.000310 J	<0.00100	<0.00100	<0.00100	<0.0100
Copper	0.00211	mg/L	<0.000570	<0.00200 B	0.00160 J	<0.00200	<0.00200	0.000980 J	0.000730 J	<0.00200	<0.0250
Cyanide	0.002	mg/L	<0.0100 B	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	<0.0370	0.0560 J	0.0170 J	<0.100	0.0580 J	<0.100 J	<0.100	<0.100	9.40
Lead	0.00068945	mg/L	<0.000160	<0.000500 J	<0.000500	<0.000500	<0.000500 J	<0.000500	<0.000500	<0.000880 B	0.00500
Magnesium	42.41	mg/L	40.0	36.0	31.0	40.0	43.0	44.0	33.0	34.0	42.0
Manganese	0.171	mg/L	<0.000630	<0.00250 B	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	0.170
Mercury	0.00014	mg/L	<0.0000710	<0.000200	<0.000200	<0.000200	0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.000540 J	<0.00200 B	0.000750 J	0.000870 J	0.000700 J	0.000590 J	<0.00200	0.000700 J	<0.0400
Potassium	2.15	mg/L	0.300 J	0.360 J	0.210 J	0.270 J	0.320 J	0.260 J	0.220 J	0.170 J	4.50
Selenium	0.0034	mg/L	0.000620 J	0.000620 J	0.000830 J	<0.00250	0.00110 J	<0.00250	<0.00250	<0.00250	<0.0100
Silver	--	mg/L	<0.0000690	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0100
Sodium	9.732	mg/L	7.20	5.50	5.80	5.20	5.60	6.30	4.70	4.20	14.0
Thallium	--	mg/L	<0.000270	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.0100
Vanadium	--	mg/L	<0.000340	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0120
Zinc	0.0123	mg/L	<0.00630	<0.0200 B	<0.0130 B	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.0370

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-10 03/06/95	GMMW-10 06/21/05	GMMW-10 09/13/05	GMMW-11 03/14/95	GMMW-11 06/18/03	GMMW-11 12/10/03	GMMW-11 06/17/04	GMMW-11 12/15/04	GMMW-11 06/22/05	GMMW-11 03/29/06
Inorganics												
Aluminum	0.181	mg/L	63.0	<0.200	<0.200	5.20	0.150 B	0.0840 B	<0.200	0.0350 B	<0.200	<0.200
Antimony	0.0025	mg/L	<0.0500	<0.00600 J	0.00420 B	<0.0500	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600
Arsenic	0.00204	mg/L	0.0690	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	0.0862	mg/L	0.550	0.0440	0.0480	0.130	0.0460	0.0440	0.0440	0.0430	0.0430	0.130
Beryllium	--	mg/L	<0.00500	<0.00400	<0.00400	<0.00500	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	<0.00500	<0.00200	<0.00200	<0.00500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	600	410	390 J	170	130	130	130	130	130	54.0
Chloride	58.87	mg/L	NA	26.0	56.0	NA	12.0	12.0	11.0	9.30	11.0	3.20
Chromium	0.0015	mg/L	0.0940	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	0.00081582	mg/L	0.0440	0.00330 B	0.00330 B	0.0160	0.0140	0.0150	0.0130	0.0140	0.00990	<0.00500
Copper	0.00211	mg/L	0.120	<0.0100	<0.0100	<0.0250	<0.0100	0.00640 B	<0.0100	<0.0100	0.00600 B	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.00190 B	<0.00100	0.0140	<0.0100	<0.0100	<0.0100	<0.0100	0.00210 B	0.00200 B
Iron	0.171	mg/L	120	3.50	4.20 J	7.80	<0.0500	0.350	0.340	<0.0500	<0.140	0.0590 B
Lead	0.00068945	mg/L	0.0540	<0.00500	<0.00500	<0.0100	<0.00500	0.00680	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	140	84.0	83.0 J	61.0	49.0	48.0	49.0	49.0	46.0	26.0
Manganese	0.171	mg/L	3.30	2.10	2.60 J	0.480	0.0180	0.240	0.0730	0.330	0.0460	<0.0100
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.140	0.00760 B	0.00830 B	<0.0400	<0.0100	0.00340 B	0.00220 B	0.00140 B	0.00350 B	<0.0100
Potassium	2.15	mg/L	20.0	7.70 J	10.0 J	3.60	2.30	2.70	2.30	2.40	2.10	1.70
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00480 B	<0.0100	<0.0100
Silver	--	mg/L	<0.0100	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	25.0	14.0	21.0	48.0	60.0	54.0	55.0	50.0	46.0	16.0
Thallium	--	mg/L	<0.0100	<0.00200	<0.00200	<0.0100	<0.0100	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200
Vanadium	--	mg/L	0.0120	<0.00500	<0.00820	0.0100	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	0.0370	<0.0200	<0.0200	0.0250	<0.0200	0.0140 B	<0.0200	0.00420 B	<0.0200	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-11 03/21/07	GMMW-11 03/14/08	GMMW-11 03/04/09	GMMW-11 03/31/10	GMMW-11 03/30/11	GMMW-11 03/20/12	GMMW-11 03/20/13	GMMW-11 09/30/14	GMMW-11 03/27/19
Inorganics											
Aluminum	0.181	mg/L	0.0310 J	<0.500	0.0310 J	<0.100	<0.100	<0.100	<0.0190	<0.100	<0.100
Antimony	0.0025	mg/L	<0.00100	<0.00200	<0.00200	<0.00300	<0.00300 B	<0.00300	<0.000480	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.000870 J	0.00100 J	0.00210	0.000810 J	0.00180	0.000350 J	0.000830 J	0.00170	0.000870 J
Barium	0.0862	mg/L	0.0430	0.0530	0.0510	0.0560	0.0610	0.0580	0.0690	0.0760	0.110
Beryllium	--	mg/L	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.000500	<0.00250	0.000160 J	<0.000500	0.000890	0.000180 J	0.000300 J	0.000900	<0.000500
Calcium	163.9	mg/L	130 B	110	100	120	100	110	110	110	96.0
Chloride	58.87	mg/L	7.90	8.90	7.40	7.20	5.40	7.90	7.50	7.70	9.10
Chromium	0.0015	mg/L	0.000920 J	<0.0250	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	0.00760	0.00580	0.00450 J	0.00410	0.00350	0.00320	0.00280	0.00320	0.00290
Copper	0.00211	mg/L	<0.00200	<0.0100	0.00130 J	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00200	<0.00200
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100	<0.0100
Iron	0.171	mg/L	0.460	0.670	1.50	0.430	1.20	0.200	0.490	0.410	0.470
Lead	0.00068945	mg/L	0.000100 J	<0.00250	<0.000500 B	<0.000500	<0.000500	<0.000500	<0.000160	0.000130 J	<0.000500 B
Magnesium	42.41	mg/L	46.0	45.0	40.0	46.0	41.0	43.0 J	42.0	42.0	41.0
Manganese	0.171	mg/L	0.120	0.0560	0.0800 J	0.110	0.0930	0.0610	0.0810	0.330	0.130
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00280 J	0.00300 J	0.00270 J	0.00230	0.00270	0.00140 J	0.00220	0.00240	0.00200
Potassium	2.15	mg/L	1.70	1.90 J	1.80	1.70	1.80	1.70	1.70	1.60	1.50
Selenium	0.0034	mg/L	<0.00250	<0.0130	<0.00250	<0.00250	<0.00250 B	<0.00250	<0.000250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500
Sodium	9.732	mg/L	43.0 B	39.0	35.0	38.0	32.0	35.0	34.0	37.0	36.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.0250	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500
Zinc	0.0123	mg/L	0.00670 J	<0.100	<0.0200 B	<0.0200	0.00640 J	<0.0200	<0.00630	<0.00660 B	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-12 02/28/95	GMMW-12 03/26/03	GMMW-12 06/17/03	GMMW-12 09/24/03	GMMW-12 12/09/03	GMMW-12 03/16/04	GMMW-12 06/16/04	GMMW-12 09/14/04	GMMW-12 12/14/04
Inorganics											
Aluminum	0.181	mg/L	20.0	NA	3.20	0.420	0.450	1.40 J	<0.200	<0.200	0.0800 B
Antimony	0.0025	mg/L	<0.0500	<0.0200	<0.0200	<0.00300	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
Arsenic	0.00204	mg/L	0.0340	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	0.0862	mg/L	0.180	NA	0.100	0.0940	0.0740	0.0620	0.0750	0.0560	0.0520
Beryllium	--	mg/L	<0.00500	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	<0.00500	NA	<0.00200	<0.00200	<0.00200	<0.00200	0.000440 B	<0.00200	<0.00200
Calcium	163.9	mg/L	220	NA	180	190	170	130	140	140	140
Chloride	58.87	mg/L	NA	20.0	17.0	13.0 J	12.0	7.70	3.10	6.40	8.80
Chromium	0.0015	mg/L	0.0330	NA	0.00390 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	0.00081582	mg/L	0.0220	NA	0.00130 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Copper	0.00211	mg/L	0.0630	NA	0.00780 B	<0.0100	0.00410 B	0.00320 B	<0.0100	<0.0100	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	45.0	NA	4.80	0.560	0.510	1.80	0.220	<0.0500	<0.0500
Lead	0.00068945	mg/L	0.0310	0.00520	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	72.0	NA	39.0	38.0	35.0	28.0	25.0	29.0	30.0
Manganese	0.171	mg/L	1.70	NA	0.430	0.0710	0.0790	0.360	0.420	0.0370	0.130
Mercury	0.00014	mg/L	<0.000200	0.0000520 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0000700 B	<0.000200
Nickel	0.00378	mg/L	0.0580	NA	0.0110	0.00590 B	0.00510 B	0.00720 B	0.00720 B	0.00230 B	0.00180 B
Potassium	2.15	mg/L	4.30	NA	1.80	2.00 J	1.30	1.20	1.50	0.820	0.710
Selenium	0.0034	mg/L	<0.0100	NA	0.00840 B	<0.0100	<0.0100	0.00670 B	<0.0100	<0.0100	0.00320 B
Silver	--	mg/L	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	3.20	NA	5.20	7.40	4.90	4.60	6.50	3.80	3.90
Thallium	--	mg/L	<0.0100	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	0.0650	NA	0.00800	<0.00500	<0.00500	0.00310 B	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	0.170	NA	<0.0390	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.00310 B

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-12 03/30/05	GMMW-12 06/21/05	GMMW-12 09/13/05	GMMW-12 03/28/06	GMMW-12 09/20/06	GMMW-12 03/20/07	GMMW-12 09/12/07	GMMW-12 03/13/08	GMMW-12 09/23/08
Inorganics											
Aluminum	0.181	mg/L	<0.200	<0.200	0.130 B	<0.200	<0.200	0.0280 J	0.0250 J	0.200 J	0.0490 J
Antimony	0.0025	mg/L	<0.00600	<0.00600 J	<0.00600	<0.00600	<0.00600	<0.00100	0.000340 J	<0.00200	<0.00200 B
Arsenic	0.00204	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000440 J	<0.00100	<0.00500	0.000240 J
Barium	0.0862	mg/L	0.0350	0.0390	0.0390	0.0370	0.0490	0.0280	0.0360	0.0350	0.0300
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100
Cadmium	0.00064125	mg/L	<0.00200	0.000400 B	<0.00200	<0.00200	<0.00200	<0.000500	0.000110 J	<0.00250	<0.000500
Calcium	163.9	mg/L	110	110	120 J	130	100	110	110 J	98.0	95.0 J
Chloride	58.87	mg/L	2.40	2.90	6.70	2.70	<2.00	<2.00	<2.00 B	0.880 J	0.480 J
Chromium	0.0015	mg/L	0.00290 B	<0.0100	0.00150 B	<0.0100	0.00140 B	0.000840 J	<0.00500	<0.0250	0.000590 J
Cobalt	0.00081582	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	0.00250 B	0.000160 J	0.000200 J	<0.00500	<0.00100
Copper	0.00211	mg/L	<0.0100	0.00250 B	<0.0100	<0.0100	0.00340 B	<0.00200	<0.00200 B	0.00380 J	0.00160 J
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	<0.120	<0.120	0.200	<0.0500	<0.100	<0.100	<0.100	0.310 J	0.0700 J
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00100	<0.00100 B	<0.00250 B	<0.000500 B
Magnesium	42.41	mg/L	24.0	24.0	25.0 J	27.0	23.0	22.0	21.0	20.0	21.0
Manganese	0.171	mg/L	0.540	0.0980	0.350 J	0.0430	0.170	0.0200	0.0890	0.680	0.0880
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00490	0.00270 B	0.00410 B	<0.0100	0.00400 B	0.00160 J	0.00260	<0.0100	0.00180 J
Potassium	2.15	mg/L	<0.610	<0.600	0.510	0.510	0.630	0.340 J	0.510	0.520 J	0.590
Selenium	0.0034	mg/L	0.00520 B	0.00460 B	<0.0100	<0.0100	<0.0100	0.00260	0.00110 J	<0.0130	0.000400
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500
Sodium	9.732	mg/L	2.70	2.70	2.90	2.80	3.40	2.70	2.30 B	1.80	2.30
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.000380 J	<0.00200	<0.00200
Vanadium	--	mg/L	0.00160 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	0.000480 J
Zinc	0.0123	mg/L	<0.0200	<0.0200	0.0110 B	<0.0200	0.00650 B	0.00390 J	<0.0100 B	<0.100	<0.0200 B

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-12 03/03/09	GMMW-12 09/28/09	GMMW-12 03/30/10	GMMW-12 09/28/10	GMMW-12 03/30/11	GMMW-12 09/20/11	GMMW-12 03/20/12	GMMW-12 09/18/12	GMMW-12 03/19/13
Inorganics											
Aluminum	0.181	mg/L	0.0590 J	0.160	0.0150 J	0.0600 J	0.0680 J	<0.100	0.0610 J	<0.100	<0.0190
Antimony	0.0025	mg/L	<0.00200	<0.00200 B	0.000460 J	0.000580 J	<0.00300 B	0.000860 J	<0.00300	<0.00300 B	0.000480 J
Arsenic	0.00204	mg/L	0.000170 J	0.000370 J	0.000180 J	0.000370 J	0.000260 J	0.000180 J	<0.00100	0.000210 J	0.000210 J
Barium	0.0862	mg/L	0.0260	0.0310	0.0220	0.0320	0.0230	0.0280	0.0210	0.0240	0.0300
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170
Cadmium	0.00064125	mg/L	0.000300 J	0.000420 J	<0.000500	0.000320 J	0.000120 J	<0.000500	0.000660	0.000200 J	0.000100 J
Calcium	163.9	mg/L	85.0	87.0	89.0	100	84.0	91.0	81.0	88.0	120
Chloride	58.87	mg/L	0.740 J	<2.00	<2.00 B	<2.00 B	1.00 J	<2.00 B	<2.00	1.00 J	0.950 J
Chromium	0.0015	mg/L	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00360 J	<0.00500	0.000680 J
Cobalt	0.00081582	mg/L	<0.00100 B	0.00120	0.000120 J	0.000730 J	0.000310 J	<0.00100	0.000340 J	0.000180 J	0.000240 J
Copper	0.00211	mg/L	0.00230	0.00230	<0.00200 B	0.00230	<0.00200	0.00120 J	0.00260	0.00130 J	0.00220 J
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.0100 B
Iron	0.171	mg/L	0.0710 J	0.220	<0.100	0.0840 J	0.110	0.0260 J	0.0910 J	<0.100	<0.0370
Lead	0.00068945	mg/L	<0.000500 B	<0.000500 B	<0.000500	<0.000500	<0.000500	<0.000500	0.00180 J	<0.000500	<0.000160
Magnesium	42.41	mg/L	17.0	17.0	18.0	20.0	17.0	17.0	16.0 J	18.0 J	24.0
Manganese	0.171	mg/L	0.200 J	0.530	0.00630	0.210	0.100	0.0330	0.0140 J	0.00840	0.0150
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.0000710
Nickel	0.00378	mg/L	0.00660 J	0.00940	0.000940 J	0.00530	0.00190 J	<0.00200 B	0.00570	0.000850 J	0.00130 J
Potassium	2.15	mg/L	0.350 J	0.410 J	0.270 J	0.520	0.300 J	0.580	0.310 J	0.290 J	0.390 J
Selenium	0.0034	mg/L	0.00270	0.00520	0.00420	0.00160 J	0.00370 J	0.00220 J	0.00190 J	0.00250	0.00610
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	0.000110 J	<0.0000690
Sodium	9.732	mg/L	1.70	1.70	1.80	1.80	1.40	1.90	2.50 J	1.80	2.10
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 B
Vanadium	--	mg/L	0.000430 J	<0.00500	<0.00500	0.000640 J	<0.00500	<0.00500	0.000440 J	<0.00500	0.000480 J
Zinc	0.0123	mg/L	<0.0200 B	<0.0200	<0.0200	0.00620 J	0.00450 J	0.00450 J	0.0200 J	0.00630 J	<0.00630

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-12 09/25/13	GMMW-12 09/29/14	GMMW-12 03/18/15	GMMW-12 09/23/16	GMMW-12 03/14/17	GMMW-12 09/24/18	GMMW-12 03/27/19	GMMW-13 02/20/95	GMMW-13 03/30/05
Inorganics											
Aluminum	0.181	mg/L	<0.100 B	0.0410 J	0.0940 J	<0.100	0.370 J	<0.100	0.0640 J	3.20	0.170 B
Antimony	0.0025	mg/L	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.0500	<0.00600
Arsenic	0.00204	mg/L	0.000270 J	0.000670 J	<0.00110 B	<0.00100	<0.00100	0.000470 J	0.000300 J	0.0150	<0.0100
Barium	0.0862	mg/L	0.0320	0.0300	0.0240	0.0290	0.0250	0.0540	0.0240	0.390	0.0620
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00400
Cadmium	0.00064125	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	0.000200 J	0.000460 J	<0.00500	<0.00200
Calcium	163.9	mg/L	100	90.0	88.0	91.0	86.0	130	87.0	280	120
Chloride	58.87	mg/L	<2.00 B	<2.00	<2.00	0.960 J	0.840 J	42.0	<2.00	NA	16.0
Chromium	0.0015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	0.000630 J	<0.00500	<0.00500	0.0660	0.00150 B
Cobalt	0.00081582	mg/L	<0.00100 B	<0.00100	0.000360 J	<0.00100	0.000410 J	<0.00100	0.000420 J	0.0320	<0.00500
Copper	0.00211	mg/L	<0.00200 B	0.00110 J	0.00150 J	0.00220	0.00210	0.00100 J	0.00190 J	0.0420	<0.0100
Cyanide	0.002	mg/L	<0.0100 B	0.00650 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.0330 J	0.0920 J	0.140	0.0340 J	0.340 J	<0.100	0.100	55.0	<0.130
Lead	0.00068945	mg/L	<0.000500	0.000130 J	0.000230 J	<0.000500 J	0.000580	<0.000500	<0.00130 B	0.0460	<0.00500
Magnesium	42.41	mg/L	19.0	17.0	18.0	18.0	17.0	32.0	17.0	78.0	32.0
Manganese	0.171	mg/L	0.0370 J	0.0510	0.0980	0.0280	0.0810	0.00700	0.140	1.30	0.0110
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.00200 B	0.00150 J	0.00290	0.00110 J	0.00280	0.00110 J	0.00350	0.0510	0.00180 B
Potassium	2.15	mg/L	0.330 J	0.550	0.420 J	0.530	0.400 J	0.870	0.260 J	8.90	1.50
Selenium	0.0034	mg/L	0.00730	0.00230 J	0.00160 J	0.00290	0.00380	<0.00250	0.00320	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0100	<0.00500
Sodium	9.732	mg/L	1.60	1.60	1.80	1.50	1.60	4.30	1.70	5.10	4.90
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.0100	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0610	<0.00500
Zinc	0.0123	mg/L	<0.0200 B	<0.00640 B	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.170	<0.0200

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-13 03/29/06	GMMW-13 09/21/06	GMMW-13 03/20/07	GMMW-13 09/13/07	GMMW-13 03/14/08	GMMW-13 09/23/08	GMMW-13 03/03/09	GMMW-13 09/28/09	GMMW-13 03/31/10
Inorganics											
Aluminum	0.181	mg/L	<0.200	<0.200	0.0230 J	0.0730 J	<1.00	0.0690 J	<0.100	0.150	0.0230 J
Antimony	0.0025	mg/L	0.00250 B	<0.00600	<0.00100	<0.00100	<0.00200	<0.00200 B	<0.00200	<0.00200 B	<0.00300
Arsenic	0.00204	mg/L	<0.0100	<0.0100	0.000410 J	<0.00100	<0.0100	0.00330	0.000210 J	0.000510 J	0.000220 J
Barium	0.0862	mg/L	0.0410	0.0450	0.0300	0.0690	0.0270	0.0830	0.0270	0.0550	0.0460
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.000500	<0.000500	<0.00500	0.00130 J	<0.000500	<0.000500	<0.000500
Calcium	163.9	mg/L	110	120	110	150 J	100	140 J	87.0	130	120
Chloride	58.87	mg/L	45.0	33.0	38.0	35.0 B	42.0	35.0	25.0	24.0	21.0
Chromium	0.0015	mg/L	0.00150 B	<0.0100	0.000990 J	<0.00500	<0.0500	<0.00500	<0.00500 J	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	<0.00500	<0.00500	<0.00100	<0.00100	<0.0100	0.00820	<0.00100 J	0.000470 J	0.000120 J
Copper	0.00211	mg/L	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0200	0.0120	0.00150 J	0.000820 J	<0.00200 B
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00200 J
Iron	0.171	mg/L	<0.0500	0.0430 B	<0.100	0.0300 J	<1.00	5.50	0.0580 J	0.330	0.0380 J
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00100	<0.00100 B	<0.00500	0.000500 J	<0.000500 B	<0.000550 B	<0.000500
Magnesium	42.41	mg/L	27.0	29.0	28.0	35.0	28.0	37.0	19.0	30.0	28.0
Manganese	0.171	mg/L	<0.0100	<0.0100	0.000330 J	0.00220 J	0.0200 J	1.40	0.00270 J	0.0850	0.00880
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.0100	<0.0100	<0.00100	0.00110	<0.0200	0.0120	0.00320 J	0.00280	0.00110 J
Potassium	2.15	mg/L	0.580	0.920	0.570	1.80	<5.00	1.80	0.740	1.40	1.20
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	0.000660 J
Silver	--	mg/L	<0.00500	<0.00500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	4.10	5.20	8.90	6.40 B	6.90	6.80	9.70	7.30	13.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200	0.0130 B	0.00340 J	<0.0100	<0.0200	<0.0200 B	<0.0200 B	<0.0200	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-13 09/29/10	GMMW-13 03/29/11	GMMW-13 09/20/11	GMMW-13 03/21/12	GMMW-13 09/19/12	GMMW-13 03/20/13	GMMW-13 09/26/13	GMMW-13 09/30/14	GMMW-13 03/19/15
Inorganics											
Aluminum	0.181	mg/L	0.0280 J	0.0210 J	0.0620 J	0.0240 J	<0.100	<0.0190	<0.100 B	<0.100	0.0920 J
Antimony	0.0025	mg/L	0.000360 J	<0.00300 B	0.000800 J	<0.00300	<0.00300	<0.000480	<0.00300	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.000230 J	0.000160 J	0.000200 J	<0.00100	0.000180 J	0.000260 J	0.000160 J	0.000690 J	0.00140 J
Barium	0.0862	mg/L	0.0480	0.0500	0.0510	0.0610	0.0430	0.0430	0.0600	0.0410	0.0420
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	0.000280 J	0.000260 J	<0.000500	0.000140 J	0.000580	0.000470 J	0.000170 J	0.000460 J	0.000190 J
Calcium	163.9	mg/L	130	130	120	140	130	120	130	100	89.0
Chloride	58.87	mg/L	41.0	30.0	30.0	30.0	19.0	60.0	39.0	37.0	31.0
Chromium	0.0015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	0.000260 J	<0.00100	<0.00100 B	<0.00100	<0.00100	<0.000130	<0.00100 B	<0.00100	0.000300 J
Copper	0.00211	mg/L	0.000840 J	<0.00200	0.000840 J	<0.00200	0.00110 J	<0.00200 B	<0.00200 B	<0.00200	0.00140 J
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100 B	<0.0100	<0.0100
Iron	0.171	mg/L	0.0700 J	0.0340 J	0.0990 J	<0.100	<0.100	<0.0370	0.0190 J	0.0480 J	0.110
Lead	0.00068945	mg/L	0.000230 J	0.000140 J	<0.000500 B	<0.000500	0.000190 J	<0.000160	<0.000500 B	0.000150 J	0.000220 J
Magnesium	42.41	mg/L	31.0	30.0	29.0	35.0 J	33.0 J	28.0	33.0	26.0	22.0
Manganese	0.171	mg/L	0.0200	<0.00250 B	0.0230	0.0310	0.0210	0.00190 J	0.110	0.0110	0.0130
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00160 J	0.00100 J	<0.00200 B	0.00120 J	0.00170 J	0.000750 J	0.00300	0.000880 J	0.000920 J
Potassium	2.15	mg/L	0.840	1.10	0.800	1.30	0.580	1.60	1.30	0.470 J	4.00
Selenium	0.0034	mg/L	<0.00250	<0.00250 B	<0.00250	<0.00250	<0.00250	0.000920 J	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	5.80	6.30	3.50	5.60	3.60	4.50	4.90	3.40	3.80
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	0.00650 J	0.00560 J	0.00760 J	<0.0200	0.00670 J	<0.00630	<0.0200 B	0.00830 J	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-13 09/24/16	GMMW-13 03/14/17	GMMW-13 09/24/18	GMMW-13 03/28/19	GMMW-14 03/08/95	GMMW-14 09/28/10	GMMW-14 03/29/11	GMMW-14 09/20/11	GMMW-14 03/21/12	GMMW-15 03/08/95
Inorganics												
Aluminum	0.181	mg/L	0.190	<0.100 J	<0.100	0.0470 J	5.40	0.120	NA	NA	NA	7.40
Antimony	0.0025	mg/L	<0.00300	<0.00300	<0.00300	<0.00300	<0.0500	0.00130 J	NA	NA	NA	<0.0500
Arsenic	0.00204	mg/L	<0.00100	<0.00100	0.000340 J	0.000370 J	0.0140	0.130	0.0260	0.0100	0.00520	0.0130
Barium	0.0862	mg/L	0.0690	0.0630	0.0260	0.0720	0.170	0.250	NA	NA	NA	0.400
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	0.000500 J	NA	NA	NA	<0.00500
Cadmium	0.00064125	mg/L	<0.000500	0.000430 J	<0.000500	<0.000500	<0.00500	0.000160 J	NA	NA	NA	<0.00500
Calcium	163.9	mg/L	140	140	88.0	140	99.0	95.0	NA	NA	NA	150
Chloride	58.87	mg/L	37.0 J	66.0	<2.00	35.0	NA	6.60	NA	NA	NA	NA
Chromium	0.0015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.0100	0.000820 J	NA	NA	NA	0.0100
Cobalt	0.00081582	mg/L	0.000760 J	0.000220 J	<0.00100	<0.00100	<0.0100	0.00100	NA	NA	NA	<0.0100
Copper	0.00211	mg/L	0.00190 J	0.000970 J	0.00160 J	0.000520 J	<0.0250	0.000810 J	NA	NA	NA	<0.0250
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	NA	NA	NA	<0.0100
Iron	0.171	mg/L	0.220	0.0490 J	<0.100	0.0580 J	11.0	62.0	NA	NA	NA	19.0
Lead	0.00068945	mg/L	0.000410 J	0.000180 J	<0.000500	<0.000820 B	0.00900	0.000660	NA	NA	NA	0.0120
Magnesium	42.41	mg/L	35.0	36.0	17.0	38.0	28.0	26.0	NA	NA	NA	44.0
Manganese	0.171	mg/L	0.250	0.00670	0.0120	0.0320	0.280	0.570	NA	NA	NA	0.560
Mercury	0.00014	mg/L	0.000140 J	<0.000200	<0.000200	<0.000200 J	<0.000200	<0.000200	NA	NA	NA	<0.000200
Nickel	0.00378	mg/L	0.00380	0.00140 J	0.00110 J	0.00240	<0.0400	0.00140 J	NA	NA	NA	<0.0400
Potassium	2.15	mg/L	1.60	1.50	0.410 J	1.40	2.10	0.770	NA	NA	NA	3.10
Selenium	0.0034	mg/L	<0.00250	0.000970 J	0.00340	<0.00250	<0.0100	<0.0120	NA	NA	NA	<0.0100
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.0100	<0.000500	NA	NA	NA	<0.0100
Sodium	9.732	mg/L	4.40	4.60	1.50	5.10	4.30	4.90	NA	NA	NA	20.0
Thallium	--	mg/L	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.0100	<0.00200	NA	NA	NA	<0.0100
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	0.0210	0.00870	NA	NA	NA	0.0270
Zinc	0.0123	mg/L	0.00650 J	0.00510 J	<0.0200	<0.0200	0.0450	0.0320	NA	NA	NA	0.0570

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-15 09/28/10	GMMW-16 03/08/95	GMMW-18 03/10/95	GMMW-18 03/26/03	GMMW-18 06/17/03	GMMW-18 09/24/03	GMMW-18 12/09/03	GMMW-18 03/16/04	GMMW-18 06/16/04	GMMW-18 09/14/04
Inorganics												
Aluminum	0.181	mg/L	0.0170 J	15.0	11.0	NA	0.170 B	0.130 B	0.260	0.480	0.470	51.0
Antimony	0.0025	mg/L	<0.00300	<0.0500	<0.0500	<0.0200	<0.0200	<0.00300	<0.00600	<0.00600	0.00260 B	<0.00600
Arsenic	0.00204	mg/L	0.00180	0.0160	0.0160	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	0.0862	mg/L	0.340	0.290	0.150	NA	0.120	0.130	0.0750	0.0640	0.0950	0.0700
Beryllium	--	mg/L	<0.00100	<0.00500	<0.00500	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	<0.000500	<0.00500	<0.00500	NA	<0.00200	<0.00200	<0.00200	<0.00200	0.00120 B	<0.00200
Calcium	163.9	mg/L	77.0	240	270	NA	300	340	300	260	320	340
Chloride	58.87	mg/L	3.20 J	NA	NA	42.0	35.0	24.0 J	15.0	12.0	13.0	10.0
Chromium	0.0015	mg/L	<0.00500	0.0200	0.0210	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	0.00081582	mg/L	<0.00100	0.0120	0.0130	NA	0.00140 B	0.00310 B	0.00250 B	<0.00500	<0.00500	0.00330 B
Copper	0.00211	mg/L	0.000330 J	0.0770	0.0400	NA	0.00280 B	<0.0100	0.00350 B	<0.0100	<0.0100	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	4.40	33.0	26.0	NA	0.990	4.20	0.910	0.510	0.820	3.10
Lead	0.00068945	mg/L	<0.000500	0.0450	0.0190	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	31.0	71.0	75.0	NA	61.0	68.0	56.0	45.0	60.0	60.0
Manganese	0.171	mg/L	0.0900	0.760	0.800	NA	0.380	1.40	0.410	0.100	0.590	0.730
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.000110 B
Nickel	0.00378	mg/L	0.000390 J	<0.0400	<0.0400	NA	0.00760 B	0.0120	0.00500 B	0.00230 B	0.00920 B	0.00770 B
Potassium	2.15	mg/L	1.70	5.00	4.60	NA	2.50	3.00 J	1.90	1.10	2.10	2.10
Selenium	0.0034	mg/L	<0.00250	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.0100	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	15.0	4.90	6.40	NA	18.0	18.0	11.0	5.00	10.0	9.90
Thallium	--	mg/L	<0.00200	<0.0100	<0.0100	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	0.0430	0.0310	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200	0.170	0.0930	NA	<0.0210	<0.0200	<0.0200	<0.0200	0.0200	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-18 12/15/04	GMMW-18 03/30/05	GMMW-18 06/21/05	GMMW-18 09/13/05	GMMW-18 03/29/06	GMMW-18 09/21/06	GMMW-18 03/20/07	GMMW-18 09/12/07	GMMW-18 03/13/08	GMMW-18 09/23/08
Inorganics												
Aluminum	0.181	mg/L	0.170 B	0.300	<0.200	0.230	1.20	<0.200	0.810	0.100	1.50	0.220
Antimony	0.0025	mg/L	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00100	0.000120 J	<0.00200	<0.00200 B
Arsenic	0.00204	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000510 J	0.000350 J	0.00180 J	0.000350 J
Barium	0.0862	mg/L	0.0430	0.0420	0.0660	0.0750	0.0470	0.0660	0.0500	0.0670	0.0640	0.0750
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500	0.0000940 J	<0.00250	<0.000500
Calcium	163.9	mg/L	240	190	250	260 J	250	250	230 B	330 J	190	220 J
Chloride	58.87	mg/L	4.20	1.00 B	5.40	4.90	1.50 B	2.20	<2.00	4.10 J	<2.00	1.80 J
Chromium	0.0015	mg/L	<0.0100	0.00190 B	<0.0100	<0.0100	0.00170 B	<0.0100	0.00130 J	<0.00500	<0.0250	<0.00500
Cobalt	0.00081582	mg/L	<0.00500	<0.00500	0.00130 B	0.00160 B	<0.00500	0.00150 B	0.000780 J	0.000700 J	0.00560	0.000710 J
Copper	0.00211	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00230 J	<0.00200 B	0.00440 J	0.00130 J
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	<0.260	0.600 J	0.260	0.470	1.10	0.400	0.810	0.220	3.20	0.340
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000510 J	<0.00100 B	<0.00250 B	0.000500 J
Magnesium	42.41	mg/L	41.0	28.0	50.0	55.0 J	45.0	59.0	44.0	64.0	48.0	55.0
Manganese	0.171	mg/L	0.0840	0.150	0.560	0.230 J	0.0460	0.300	0.0760	0.0930	0.720	0.0880
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	0.000460	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.0100	0.00320 B	0.00500 B	0.00380 B	0.00310 B	0.00490 B	0.00330 J	0.00340	0.0110	0.00250
Potassium	2.15	mg/L	0.680	<0.570	1.50	2.10	1.20	1.30	0.510	0.630	1.30 J	1.40
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	0.0100	<0.0100	0.00310	<0.00250	<0.0130	<0.00250
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500
Sodium	9.732	mg/L	4.40	2.50	9.80	12.0	4.30	11.0	2.40 B	8.60 B	5.80	9.20
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	0.00130 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00340 J	0.000440 J
Zinc	0.0123	mg/L	0.00270 B	<0.0200	<0.0200	0.0100 B	0.0150 B	0.00800 B	0.00840 J	<0.0100 B	<0.100 B	<0.0200 B

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-18 03/03/09	GMMW-18 09/28/09	GMMW-18 03/30/10	GMMW-18 09/29/10	GMMW-18 03/29/11	GMMW-18 09/20/11	GMMW-18 03/20/12	GMMW-18 09/19/12	GMMW-18 03/19/13
Inorganics											
Aluminum	0.181	mg/L	1.10	0.780	0.120	0.240	0.900	0.190	0.540	<0.100	0.110
Antimony	0.0025	mg/L	<0.00200	<0.00200 B	<0.00300	0.000560 J	<0.00300 B	<0.00300	<0.00300	<0.00300	<0.000480
Arsenic	0.00204	mg/L	0.000920 J	0.00110	0.000390 J	0.000530 J	0.000670 J	0.000200 J	0.000270 J	0.000170 J	0.000260 J
Barium	0.0862	mg/L	0.0450	0.0850	0.0530	0.0650	0.0440	0.0620	0.0420	0.0550	0.0260
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170
Cadmium	0.00064125	mg/L	0.000120 J	0.000870	0.000170 J	0.000330 J	0.000170 J	<0.000500	0.000200 J	0.000200 J	0.000170 J
Calcium	163.9	mg/L	150	230	270	250	170	250	230	230	180
Chloride	58.87	mg/L	1.20 J	0.840 J	<2.00 B	<2.00 B	1.60 J	<2.00 B	<2.00	2.10	1.10 J
Chromium	0.0015	mg/L	0.00150 J	0.00110 J	<0.00500	<0.00500	0.00110 J	<0.00500	<0.00500	<0.00500	<0.000640
Cobalt	0.00081582	mg/L	0.00120 J	0.00410	0.00100	0.00160	0.00100	<0.00100	0.000840 J	<0.00100	0.000200 J
Copper	0.00211	mg/L	0.00360	0.00280	<0.00200 B	0.00200	0.00130 J	0.00120 J	0.00240	0.00100 J	<0.00200 B
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.00330
Iron	0.171	mg/L	1.40	1.60	0.370	0.580	1.10	0.230	0.720	<0.100	0.190
Lead	0.00068945	mg/L	0.00110 J	0.000890	<0.000500 B	0.000290 J	0.000580	<0.000500 B	<0.000500 B	<0.000500	<0.000160
Magnesium	42.41	mg/L	31.0	62.0	56.0	62.0	32.0	52.0	46.0 J	48.0 J	36.0
Manganese	0.171	mg/L	0.0970 J	0.490	0.140	0.340	0.120	0.0220	0.0960	0.0130	0.0320
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.0000710
Nickel	0.00378	mg/L	0.00500 J	0.00870	0.00340	0.00780	0.00360	<0.00200 B	0.00250	0.00130 J	0.00200
Potassium	2.15	mg/L	0.590	1.40	0.680	1.30	0.600	1.10	0.670	1.20	0.340 J
Selenium	0.0034	mg/L	0.00390	<0.00250	0.00420	<0.00250	0.00690 J	<0.00250	0.00190 J	<0.00250	0.00320
Silver	--	mg/L	<0.00500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690
Sodium	9.732	mg/L	2.00	10.0	3.50	8.00	1.20	7.50	2.00	9.10	1.80
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270
Vanadium	--	mg/L	0.00210 J	0.00140 J	<0.00500	0.000590 J	0.00190 J	<0.00500	0.00120 J	<0.00500	<0.000340
Zinc	0.0123	mg/L	<0.0200 B	0.0160 J	0.00670 J	0.0110 J	0.0100 J	0.00560 J	<0.0200 B	0.00760 J	<0.00630

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-18 09/26/13	GMMW-18 09/29/14	GMMW-18 03/18/15	GMMW-18 09/24/16	GMMW-18 03/15/17	GMMW-18 09/25/18	GMMW-18 03/28/19	GMMW-19 03/26/03	GMMW-19 06/17/03	GMMW-19 09/24/03
Inorganics												
Aluminum	0.181	mg/L	0.300	0.380	0.320	0.350	0.860 J	0.0400 J	0.120	NA	2.30	0.170 B
Antimony	0.0025	mg/L	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.0200	<0.0200	<0.00300
Arsenic	0.00204	mg/L	0.000610 J	0.00150	0.00130 J	<0.00100	0.000690 J	0.000670 J	0.000410 J	NA	0.0240	0.0210
Barium	0.0862	mg/L	0.0610	0.0630	0.0560	0.0690	0.0520	0.0720	0.0400	NA	0.870	0.860
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	0.000240 J	0.000180 J	0.000230 J	<0.000500	<0.000500	<0.000500	<0.000500	NA	<0.00200	<0.00200
Calcium	163.9	mg/L	250	180	86.0	230	170	210	130	NA	260	230
Chloride	58.87	mg/L	2.80 J	<2.00	<2.00	5.10	1.30 J	1.20 J	1.00 J	270	230	240 J
Chromium	0.0015	mg/L	0.000540 J	<0.00500	<0.00500	<0.00500	0.00110 J	<0.00500	<0.00500	NA	0.00470 B	<0.0100
Cobalt	0.00081582	mg/L	0.00110	0.000610 J	0.000610 J	0.000310 J	0.000680 J	0.000470 J	<0.00100	NA	0.00220 B	<0.00500
Copper	0.00211	mg/L	0.00280 J	0.00270	0.00210	0.00110 J	0.00310	0.00140 J	0.00150 J	NA	0.00790 B	<0.0100
Cyanide	0.002	mg/L	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100 J	<0.0100	<0.0100
Iron	0.171	mg/L	0.750	0.410	0.430	0.430	1.10 J	0.120	0.160	NA	25.0	20.0
Lead	0.00068945	mg/L	0.000660 J	0.000270 J	0.000250 J	0.000360 J	0.000530	<0.000500	<0.000540 B	0.0190	0.00420 B	<0.00500
Magnesium	42.41	mg/L	57.0	36.0	40.0	53.0	34.0	45.0	25.0	NA	77.0	76.0
Manganese	0.171	mg/L	0.160	0.0480	0.0710	0.0740	0.0350	0.0280	0.0320	NA	0.200	0.130
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 J	0.0000610	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00480	0.00290	0.00320	0.00350	0.00240	0.00200	0.00200	NA	0.0190	0.0140
Potassium	2.15	mg/L	1.20	0.350 J	0.460 J	0.820	0.620	0.630	0.330 J	NA	32.0	31.0 J
Selenium	0.0034	mg/L	<0.00250	0.00190 J	0.00250	<0.00250	0.00170 J	<0.00250	<0.00250	NA	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	NA	<0.00500	<0.00500
Sodium	9.732	mg/L	8.70	2.60	2.40	6.20	1.70	4.70	1.20	NA	130	140
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	NA	<0.0100	<0.0100
Vanadium	--	mg/L	0.000660 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	NA	0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200 B	<0.0110 B	0.00690 J	0.00690 J	0.00800 J	<0.0200	0.00860 J	NA	<0.0370	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-19 12/09/03	GMMW-19 03/16/04	GMMW-19 06/16/04	GMMW-19 09/14/04	GMMW-19 12/15/04	GMMW-19 03/30/05	GMMW-19 06/21/05	GMMW-19 09/13/05	GMMW-19 03/28/06
Inorganics											
Aluminum	0.181	mg/L	0.100 B	2.40 J	0.990	<0.200	<0.200	0.110 B	<0.200	<0.200	<0.200
Antimony	0.0025	mg/L	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
Arsenic	0.00204	mg/L	0.0120	0.0130	0.0110	0.0140	<0.0100	0.0110	<0.0100	<0.0110	0.00960 B
Barium	0.0862	mg/L	0.780	0.860	0.880	0.860	0.830	0.850	0.780	0.760	0.870
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.00400	<0.00400	0.000310 B	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	200	220	210	210	210	210	200	200 J	230
Chloride	58.87	mg/L	220	240	220	290	230	240	220	230	280
Chromium	0.0015	mg/L	<0.0100	0.00420 B	0.00220 B	<0.0100	<0.0100	0.00170 B	<0.0100	<0.0100	<0.0100
Cobalt	0.00081582	mg/L	<0.00500	0.00210 B	0.00100 B	<0.00500	0.00100 B	0.00130 B	<0.00500	<0.00500	<0.00500
Copper	0.00211	mg/L	0.00170 B	0.00620 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00440 B	<0.0100
Iron	0.171	mg/L	14.0	26.0	21.0	19.0	15.0	27.0 J	19.0	18.0 J	20.0
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	72.0	76.0	76.0	73.0	77.0	76.0	73.0	71.0 J	76.0
Manganese	0.171	mg/L	0.110	0.180	0.150	0.140	0.120	0.130	0.120	0.130 J	0.100
Mercury	0.00014	mg/L	<0.000200	<0.000200	0.0000720 B	0.000250	0.000740 J	0.000670 J	0.000110 B	<0.000200	0.000130 B
Nickel	0.00378	mg/L	0.0140	0.0200	0.0170	0.0140	0.0140	0.0180	0.0170	0.0130	0.0140
Potassium	2.15	mg/L	26.0	23.0 J	24.0	25.0	24.0 J	22.0 J	19.0 J	21.0 J	28.0 J
Selenium	0.0034	mg/L	<0.0100	0.00690 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	120	120	120	120	120	120	120	110	130
Thallium	--	mg/L	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200 J	<0.00200
Vanadium	--	mg/L	<0.00500	0.00600	<0.00500	<0.00500	<0.00500	0.00220 B	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200	0.0200 B	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-19 09/21/06	GMMW-19 03/20/07	GMMW-19 09/12/07	GMMW-19 03/13/08	GMMW-19 09/24/08	GMMW-19 03/03/09	GMMW-19 09/28/09	GMMW-19 03/30/10	GMMW-19 09/29/10
Inorganics											
Aluminum	0.181	mg/L	<0.200	0.0230 J	0.0280 J	<0.500	<0.100	0.0380 J	0.0240 J	0.0120 J	0.0220 J
Antimony	0.0025	mg/L	<0.00600	<0.00100	0.000190 J	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.0120	0.0110	0.0110	0.0160	0.0160	0.0190	0.0120	0.0150	0.0110
Barium	0.0862	mg/L	0.800	0.730	0.830	0.860	0.980	0.830	0.780	0.740	0.680
Beryllium	--	mg/L	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100	0.000480 J	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.00200	<0.000500	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Calcium	163.9	mg/L	180	200 B	170 J	180	210 J	170	180	160	170
Chloride	58.87	mg/L	220	280	250 B	230	220	210	200	210	230
Chromium	0.0015	mg/L	<0.0100	0.00120 J	0.00110 J	<0.0250	0.000920 J	0.00170 J	<0.00500	<0.00500	0.000740 J
Cobalt	0.00081582	mg/L	0.00180 B	0.00110	0.000950 J	<0.00500	0.00120	0.00110 J	0.00120	0.000870 J	0.00110
Copper	0.00211	mg/L	<0.0100	<0.00200	<0.00200 B	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200	0.000390 J
Cyanide	0.002	mg/L	<0.0100	0.00180 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	18.0	22.0	17.0	27.0	23.0	26.0	19.0	20.0	16.0
Lead	0.00068945	mg/L	<0.00500	0.000100 J	<0.00100 B	<0.00250	<0.000500 B	<0.000500 B	<0.000500 B	<0.000500	<0.000500
Magnesium	42.41	mg/L	71.0	73.0	60.0	73.0	77.0	66.0	66.0	63.0	64.0
Manganese	0.171	mg/L	0.0970	0.0940	0.0920	0.0990	0.110	0.0890 J	0.0990	0.0770	0.0850
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.0130	0.0170 B	0.0130	0.0170	0.0140	0.0170 J	0.0140	0.0150	0.0160 J
Potassium	2.15	mg/L	21.0 J	15.0	18.0	16.0	23.0	16.0	18.0	16.0	16.0
Selenium	0.0034	mg/L	<0.0100	<0.00250	<0.00250	<0.0130	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	120	120 B	110 B	120	140	120	110	110	130
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200 B	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.0250	0.00110 J	0.00180 J	<0.00500	<0.00500 B	0.000600 J
Zinc	0.0123	mg/L	0.00960 B	0.00560 J	<0.0100 B	<0.100	<0.0200 B	<0.0200 B	<0.0200	<0.0200	0.00690 J

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-19 03/29/11	GMMW-19 09/20/11	GMMW-19 03/21/12	GMMW-19 09/19/12	GMMW-19 03/20/13	GMMW-19 09/26/13
Inorganics								
Aluminum	0.181	mg/L	<0.100	0.0410 J	0.210	<0.100 [<0.100]	<0.0190 [<0.0190]	0.180 J [0.120 J]
Antimony	0.0025	mg/L	<0.00300 B	<0.00300	<0.00300	<0.00300 [<0.00300]	<0.000480 [<0.000480]	<0.00300 [<0.00300]
Arsenic	0.00204	mg/L	0.0110	0.0300	0.0130	0.0190 [0.0240]	0.0100 [0.0110]	0.0160 [0.0160]
Barium	0.0862	mg/L	0.700	0.810	0.680	0.840 [0.890]	0.680 [0.690]	0.670 [0.680]
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100 [<0.00100]	<0.000170 [<0.000170]	<0.00100 [<0.00100]
Cadmium	0.00064125	mg/L	<0.000500	<0.000500	0.000170 J	<0.000500 [<0.000500]	<0.000100 [<0.000100]	<0.000500 [<0.000500]
Calcium	163.9	mg/L	160	230	170	220 [220]	170 [180]	170 [180]
Chloride	58.87	mg/L	220	240	220	240 [230]	210 [220]	210 [220]
Chromium	0.0015	mg/L	0.000670 J	0.00100 J	<0.00500	0.000950 J [0.000990 J]	0.00110 J [0.000790 J]	0.00110 J [0.000960 J]
Cobalt	0.00081582	mg/L	0.00100	0.00120 J	0.00130	0.00140 [0.00150]	0.00120 [0.00120]	0.00120 [0.00120]
Copper	0.00211	mg/L	<0.00200	<0.00200	0.000840 J	<0.00200 [<0.00200]	<0.00200 B [<0.000570]	<0.00200 B [<0.00200 B]
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100 [<0.0100]	<0.00330 [<0.00330]	<0.0100 B [<0.0100 B]
Iron	0.171	mg/L	17.0	18.0	21.0	19.0 [20.0]	17.0 [17.0]	17.0 [16.0]
Lead	0.00068945	mg/L	<0.000500	<0.000500	0.000510 J	<0.000500 [<0.000500]	<0.000160 [<0.000160]	0.000870 [<0.000500 B]
Magnesium	42.41	mg/L	62.0	63.0	64.0 J	63.0 J [65.0 J]	60.0 [59.0]	58.0 [60.0]
Manganese	0.171	mg/L	0.0720	0.0940	0.0940	0.0810 [0.0840]	0.0640 [0.0620]	0.0700 [0.0680]
Mercury	0.00014	mg/L	0.000370	<0.000200 B	<0.000200	<0.000200 [<0.000200]	<0.0000710 [<0.0000710]	<0.000200 [<0.000200]
Nickel	0.00378	mg/L	0.0140	0.0140	0.0170	0.0130 [0.0130]	0.0150 [0.0150]	0.0170 [0.0170]
Potassium	2.15	mg/L	16.0	18.0	16.0	26.0 [27.0]	20.0 [20.0]	18.0 [18.0]
Selenium	0.0034	mg/L	<0.00250 B	0.000470 J	<0.00250	<0.00250 [0.000270 J]	<0.000250 [<0.000250]	<0.00250 [<0.00250]
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.0000690 [<0.0000690]	<0.000500 [<0.000500]
Sodium	9.732	mg/L	100	120	110	130 [130]	120 [120]	120 [120]
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200 [<0.00200]	<0.000270 [<0.000270]	<0.00200 [<0.00200]
Vanadium	--	mg/L	0.000790 J	0.000870 J	0.00140 J	0.000700 J [0.000770 J]	0.000700 J [0.000580 J]	0.00110 J [0.000910 J]
Zinc	0.0123	mg/L	0.00340 J	0.00670 J	<0.0200	<0.0200 [0.00750 J]	<0.00630 [<0.00630]	<0.0200 B [0.0210 J]

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than or equal to the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-19 09/30/14	GMMW-19 03/19/15	GMMW-19 09/24/16	GMMW-19 03/15/17	GMMW-19 09/25/18
Inorganics							
Aluminum	0.181	mg/L	0.290 J [0.180 J]	<0.100 [<0.100]	<0.100 [<0.100]	<0.100 J [<0.100 J]	<0.100 [<0.100]
Antimony	0.0025	mg/L	<0.00300 [<0.00300]	<0.00300 [<0.00300]	<0.00300 [<0.00300]	<0.00300 [<0.00300]	<0.00300 [<0.00300]
Arsenic	0.00204	mg/L	0.0120 [0.0120]	0.0130 [0.0160]	0.00990 [0.0100]	0.00910 [0.00860]	0.00920 [0.00940]
Barium	0.0862	mg/L	0.700 [0.710]	0.640 [0.640]	0.600 [0.610]	0.560 [0.520]	0.560 [0.560]
Beryllium	--	mg/L	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]	<0.00100 [<0.00100]
Cadmium	0.00064125	mg/L	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]
Calcium	163.9	mg/L	160 [160]	150 [150]	140 [140]	140 [130]	130 [120]
Chloride	58.87	mg/L	230 [220]	240 [240]	230 [230]	210 [210]	230 [230]
Chromium	0.0015	mg/L	0.000880 J [0.000740 J]	<0.00500 [<0.00500]	0.000700 J [0.000690 J]	0.000620 J [<0.00500]	<0.00500 [<0.00500]
Cobalt	0.00081582	mg/L	0.00130 [0.00120]	0.00130 [0.00130]	0.00130 [0.00130]	0.00130 [0.00120]	0.00150 [0.00150]
Copper	0.00211	mg/L	<0.00200 [<0.00200]	<0.00200 [<0.00200]	0.00510 [0.00340]	<0.00200 [0.00110 J]	<0.00200 [<0.00200]
Cyanide	0.002	mg/L	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.0100 [<0.0100]	<0.0100 [<0.0100]
Iron	0.171	mg/L	14.0 [14.0]	17.0 [18.0]	14.0 [14.0]	13.0 J [12.0 J]	12.0 [12.0]
Lead	0.00068945	mg/L	0.000660 [0.000450 J]	<0.000500 [0.000140 J]	<0.000500 J [0.000140 J]	<0.000500 [<0.000500]	<0.000500 [<0.000500]
Magnesium	42.41	mg/L	58.0 [58.0]	60.0 [60.0]	55.0 [55.0]	53.0 [50.0]	48.0 [47.0]
Manganese	0.171	mg/L	0.0820 [0.0790]	0.0670 [0.0660]	0.0710 [0.0720]	0.0670 [0.0630]	0.0650 [0.0640]
Mercury	0.00014	mg/L	<0.000200 [<0.000200]	<0.000200 [<0.000200]	0.000130 J [0.000150 J]	<0.000200 [<0.000200]	<0.000200 [<0.000200]
Nickel	0.00378	mg/L	0.0150 [0.0140]	0.0160 [0.0160]	0.0160 [0.0160]	0.0160 [0.0160]	0.0160 [0.0160]
Potassium	2.15	mg/L	14.0 [14.0]	15.0 [15.0]	15.0 [15.0]	14.0 [13.0]	13.0 [13.0]
Selenium	0.0034	mg/L	<0.00250 [<0.00250]	0.00100 J [0.000830 J]	<0.00250 [<0.00250]	<0.00250 [<0.00250]	<0.00250 [<0.00250]
Silver	--	mg/L	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]	<0.000500 [<0.000500]
Sodium	9.732	mg/L	110 [110]	120 [120]	110 [110]	110 [100]	100 [110]
Thallium	--	mg/L	<0.00200 [<0.00200]	<0.00200 [<0.00200]	<0.00200 J [<0.00200 J]	<0.00200 [<0.00200]	<0.00200 [<0.00200]
Vanadium	--	mg/L	<0.00500 [<0.00500]	0.00230 J [0.00250 J]	<0.00500 [<0.00500]	<0.00500 [<0.00500]	<0.00500 [<0.00500]
Zinc	0.0123	mg/L	0.00720 J [0.00620 J]	<0.0200 [<0.0200]	<0.0200 [<0.0200]	<0.0200 [<0.0200]	<0.0200 [<0.0200]

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-19 03/28/19	GMMW-20 03/26/03	GMMW-20 06/17/03	GMMW-20 09/24/03	GMMW-20 12/10/03	GMMW-20 03/16/04	GMMW-20 06/16/04	GMMW-20 09/14/04
Inorganics										
Aluminum	0.181	mg/L	<0.100 [<0.100]	NA	<0.200	0.0290 B	0.0420 B	<0.200	<0.200	<0.200
Antimony	0.0025	mg/L	<0.00300 [<0.00300]	<0.0200	<0.0200	<0.00300	<0.00600	<0.00600	<0.00600	<0.00600
Arsenic	0.00204	mg/L	0.00960 [0.00960]	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	0.0862	mg/L	0.540 [0.550]	NA	0.0500	0.0430	0.0370	0.0340	0.0360	0.0370
Beryllium	--	mg/L	<0.00100 [<0.00100]	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	<0.000500 [<0.000500]	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	120 [130]	NA	240	240	240	250	270	270
Chloride	58.87	mg/L	230 [230]	23.0	26.0	23.0 J	23.0	22.0	22.0	22.0
Chromium	0.0015	mg/L	<0.00500 [<0.00500]	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	0.00081582	mg/L	0.00140 [0.00140]	NA	0.00260 B	0.00320 B	<0.00500	<0.00500	0.00200 B	0.00810
Copper	0.00211	mg/L	<0.00200 [<0.00200]	NA	<0.0100	<0.0100	0.00340 B	<0.0100	<0.0100	<0.0100
Cyanide	0.002	mg/L	<0.0100 [<0.0100]	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	13.0 [14.0]	NA	<0.0500	0.200	<0.0500	<0.0500	0.580	2.30
Lead	0.00068945	mg/L	<0.000500 B [<0.000500 B]	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	49.0 [50.0]	NA	83.0	80.0	80.0	82.0	86.0	84.0
Manganese	0.171	mg/L	0.0630 [0.0650]	NA	0.290	0.300	0.0840	0.0340	0.340	0.750
Mercury	0.00014	mg/L	<0.000200 J [<0.000200 J]	<0.000200	<0.000200	<0.000200	<0.000200	0.0000550 B	<0.000200	0.0000940 B
Nickel	0.00378	mg/L	0.0160 [0.0160]	NA	0.00560 B	0.00380 B	0.00350 B	0.00360 B	0.00520 B	0.00530 B
Potassium	2.15	mg/L	12.0 [13.0]	NA	7.00	7.80 J	6.50	5.20	5.50	5.40
Selenium	0.0034	mg/L	<0.00250 [<0.00250]	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500 [<0.000500]	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	110 [110]	NA	55.0	49.0	41.0	38.0	35.0	43.0
Thallium	--	mg/L	<0.00200 [<0.00200]	NA	<0.0100	0.00760 B	<0.00200	<0.00200 J	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500 [<0.00500]	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200 [<0.0200]	NA	<0.0270	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-20 12/15/04	GMMW-20 03/30/05	GMMW-20 06/22/05	GMMW-20 09/13/05	GMMW-20 03/29/06	GMMW-20 09/21/06	GMMW-20 03/20/07	GMMW-20 09/12/07	GMMW-20 03/13/08
Inorganics											
Aluminum	0.181	mg/L	0.0370 B	0.0180 B	<0.200	<0.200	<0.200	<0.200	<0.100	0.0400 J	<0.500
Antimony	0.0025	mg/L	<0.00600	<0.00600	0.00300 J	<0.00600	0.00260 B	<0.00600	<0.00100	<0.00100	<0.00200
Arsenic	0.00204	mg/L	<0.0100	<0.0100	0.00580 B	<0.0100	<0.0100	0.0110	0.00290	0.00320	0.00580
Barium	0.0862	mg/L	0.0300	0.0270	0.0320	0.0260	0.0160	0.0200	0.0110	0.0170	0.0170 J
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.00200	0.000620 B	<0.00200	<0.00200	<0.000500	0.0000840 J	<0.00250
Calcium	163.9	mg/L	280	290	290	270 J	320	310	310 B	250 J	250
Chloride	58.87	mg/L	20.0	17.0	17.0	16.0	14.0	12.0	9.30	11.0 B	6.30
Chromium	0.0015	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500	<0.00500	<0.0250
Cobalt	0.00081582	mg/L	0.00280 B	0.0110	0.00340 B	0.00370 B	0.00380 B	0.00210 B	0.00370	0.00180	0.00270 J
Copper	0.00211	mg/L	<0.0100	<0.0100	<0.0100	<0.0110	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	0.00380 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.530	3.10 J	4.40	2.10 J	4.50	8.60	2.70	5.30	6.30
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0000890 J	<0.00100 B	<0.00250
Magnesium	42.41	mg/L	93.0	96.0	94.0	88.0 J	100	100	97.0	74.0	84.0
Manganese	0.171	mg/L	0.250	1.60	0.490	0.420 J	0.840	0.570	0.780	0.350	0.370
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00210 B	0.0100	0.00540 B	0.00360 B	0.00220 B	<0.0100	0.00510 B	0.00300	0.00370 J
Potassium	2.15	mg/L	5.40 J	4.70 J	4.80 J	5.80 J	4.20 J	5.70 J	3.50	4.20	3.20
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	0.00460 B	<0.0100	<0.00250	<0.00250	<0.0130
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	0.0000330 J	<0.00250
Sodium	9.732	mg/L	39.0	52.0	46.0	46.0	63.0	62.0	86.0 B	67.0 B	51.0
Thallium	--	mg/L	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 J	0.000300 J	0.000460 J	<0.00200
Vanadium	--	mg/L	<0.00500	0.00180 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250
Zinc	0.0123	mg/L	0.0170 B	<0.0200	<0.0200	0.0330	<0.0200	<0.0200	0.00890 J	<0.0100 B	<0.100

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-20 09/24/08	GMMW-20 03/03/09	GMMW-20 09/28/09	GMMW-20 03/31/10	GMMW-20 09/28/10	GMMW-20 03/29/11	GMMW-20 09/20/11	GMMW-20 03/21/12	GMMW-20 09/19/12
Inorganics											
Aluminum	0.181	mg/L	0.0460 J	0.0320 J	0.0300 J	<0.100	0.0560 J	<0.100	0.110	<0.100	<0.100
Antimony	0.0025	mg/L	<0.00200	0.00130 J	<0.00200 B	<0.00300	<0.00300	<0.00300 B	<0.00300	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.0120	0.00310	0.00580	0.00140	0.00540	0.00150	0.00530	0.00110	0.00390
Barium	0.0862	mg/L	0.0190	0.0160	0.0170	0.0140	0.0180	0.0220	0.0200	0.0210	0.0260
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	0.000140 J	<0.000500	<0.000500	0.000490 J
Calcium	163.9	mg/L	240 J	230	250	250	220	170	240	160	250
Chloride	58.87	mg/L	6.70	4.60	4.00	4.40	4.90 J	4.60	4.20 J	2.70	3.60
Chromium	0.0015	mg/L	<0.00500	0.000540 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	0.00180	0.00510 J	0.00150	<0.000600 J	0.00130	0.000520 J	<0.00100 B	0.000220 J	0.00100
Copper	0.00211	mg/L	<0.00200	0.000640 J	<0.00200	<0.00200	0.000340 J	<0.00200	<0.00200	<0.00200	<0.00200
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	7.60	1.90	4.10	0.710	4.10	0.570	3.40	0.470	2.80
Lead	0.00068945	mg/L	<0.000500 B	<0.000500 B	<0.000500 B	<0.000500	0.000290 J	0.000150 J	<0.000500 B	<0.000500	<0.000500
Magnesium	42.41	mg/L	81.0	71.0	75.0	74.0	70.0	43.0	63.0	56.0 J	68.0 J
Manganese	0.171	mg/L	0.340	1.10 J	0.310	0.550	0.300	0.110	0.260	0.0480	0.220
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00310	0.00510 J	0.00290	0.00320	0.00270	0.00230	0.00230 J	0.00100 J	0.00260
Potassium	2.15	mg/L	4.20	3.00	3.50	2.80	3.50	1.80	3.30	2.40	3.70
Selenium	0.0034	mg/L	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250 B	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	52.0	39.0	40.0	35.0	35.0	20.0	32.0	26.0	33.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200 B	<0.0200 B	<0.0200	<0.0200	0.00690 J	0.0100 J	0.00430 J	<0.0200	0.00660 J

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMMW-20 03/20/13	GMMW-20 09/25/13	GMMW-20 09/30/14	GMMW-20 03/19/15	GMMW-20 09/24/16	GMMW-20 03/15/17	GMMW-20 09/25/18	GMMW-20 03/28/19	GMPZ-3 03/09/95	GMPZ-3 06/18/03
Inorganics												
Aluminum	0.181	mg/L	<0.0190	<0.100 B	<0.100	0.140	0.0710 J	<0.100 J	0.0260 J	<0.100	2.10	<0.200
Antimony	0.0025	mg/L	<0.000480	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.0500	<0.0200
Arsenic	0.00204	mg/L	0.00200	0.00400	0.00210	0.00230 J	0.00260	<0.00100	0.00140	0.00110	<0.0100	<0.0100
Barium	0.0862	mg/L	0.0240	0.0240	0.0630	0.0260	0.0290	0.0460	0.0360	0.0320	0.670	0.130
Beryllium	--	mg/L	<0.000170	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00400
Cadmium	0.00064125	mg/L	<0.000100	<0.000500	0.000230 J	0.000190 J	<0.000500	<0.000500	0.000170 J	<0.000500	<0.00500	<0.00200
Calcium	163.9	mg/L	240	230	130	200	170	140	160	130	140	19.0
Chloride	58.87	mg/L	2.20	3.90 J	1.80 J	2.20	2.00	1.10 J	1.90 J	1.90 J	NA	21.0
Chromium	0.0015	mg/L	<0.000640	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.0160	<0.0100
Cobalt	0.00081582	mg/L	0.000180 J	<0.00100 B	0.00160	0.000680 J	0.000790 J	<0.00100	0.00130	<0.00100	<0.0100	<0.00500
Copper	0.00211	mg/L	<0.00200 B	<0.00200 B	0.00210	0.00100 J	<0.00200	0.00230	<0.00200	0.000780 J	<0.0250	<0.0100
Cyanide	0.002	mg/L	<0.00330	<0.0100	0.00220 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.970	2.20	0.310	1.10	2.10	0.0440 J	1.50	0.620	4.20	<0.0500
Lead	0.00068945	mg/L	<0.000160	<0.000500	0.000190 J	0.000280 J	0.000180 J	<0.000500	<0.000500	<0.000500 B	<0.00500	<0.00500
Magnesium	42.41	mg/L	67.0	66.0	28.0	57.0	57.0	31.0	51.0	42.0	10.0	14.0
Manganese	0.171	mg/L	0.0460	0.290	0.140	0.0990	0.250	0.0130	0.200	0.0380	0.100	<0.0100
Mercury	0.00014	mg/L	<0.0000710	<0.000200	<0.000200	<0.000200	0.000130 J	<0.000200	<0.000200	<0.000200 J	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00190 J	0.00260	0.00230	0.00220	0.00200	0.00130 J	0.00220	0.00150 J	<0.0400	<0.0100
Potassium	2.15	mg/L	2.40	3.40	1.70	2.30	3.00	1.20	2.80	2.00	7.10	2.30
Selenium	0.0034	mg/L	<0.000250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.0100	<0.0100
Silver	--	mg/L	<0.0000690	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0100	<0.00500
Sodium	9.732	mg/L	24.0	28.0	8.50	21.0	26.0	7.40	23.0	17.0	33.0	31.0
Thallium	--	mg/L	<0.000270	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.0100	<0.0100
Vanadium	--	mg/L	<0.000340	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0100	<0.00500
Zinc	0.0123	mg/L	<0.00630	<0.0200 B	0.00620 J	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-3 12/10/03	GMPZ-3 06/16/04	GMPZ-3 12/15/04	GMPZ-3 06/22/05	GMPZ-3 03/29/06	GMPZ-3 03/21/07	GMPZ-3 03/14/08	GMPZ-3 03/04/09	GMPZ-3 03/31/10	GMPZ-3 03/29/11
Inorganics												
Aluminum	0.181	mg/L	0.0370 B	<0.200	0.0470 B	<0.200	<0.200	0.0410 J	<1.00	<0.100	<0.100	<0.100
Antimony	0.0025	mg/L	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600	<0.00100	0.00150 J	<0.00200	<0.00300	<0.00300 B
Arsenic	0.00204	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00200	0.00220 J	0.00170	0.00200	0.00220
Barium	0.0862	mg/L	0.120	0.110	0.120	0.110	0.100	0.0900	0.110	0.0900	0.0950	0.110
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500	<0.00500	<0.000500	<0.000500	0.000170 J
Calcium	163.9	mg/L	20.0	20.0	22.0	23.0	24.0	22.0 B	19.0 J	22.0	36.0	27.0
Chloride	58.87	mg/L	18.0	16.0	14.0	13.0	19.0	8.80	770	6.20	5.40	5.10
Chromium	0.0015	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00130 J	<0.0500	<0.00500 J	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000130 J	<0.0100	<0.00100 J	0.000120 J	<0.00100
Copper	0.00211	mg/L	0.00160 B	<0.0100	<0.0100	0.00510 B	<0.0100	<0.00200	<0.0200	0.000870 J	<0.00200	<0.00200
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	<0.0500	<0.0500	<0.0500	<0.100	0.110	0.0270 J	<1.00	<0.100	<0.100	0.0340 J
Lead	0.00068945	mg/L	<0.00500	<0.00500	0.00390 B	<0.00500	<0.00500	0.000250 J	<0.00500 B	<0.000500 B	<0.000500	0.000180 J
Magnesium	42.41	mg/L	15.0	15.0	16.0	16.0	16.0	16.0	17.0	15.0	17.0	15.0
Manganese	0.171	mg/L	0.00150 B	<0.0100	0.00570 B	<0.0100	0.00760 B	0.0110	0.0690	0.0310 J	0.0110	0.0320
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	0.000120 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00130 J	<0.0200	<0.00200 B	0.000460 J	0.000720 J
Potassium	2.15	mg/L	2.60	2.30	2.50	2.30 J	2.30 J	2.10	2.60 J	2.30	2.10	2.10
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00250	<0.0250	<0.00250	<0.00250	<0.00250 B
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.00500	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	31.0	31.0	31.0	32.0	33.0	35.0 B	37.0	35.0	39.0	36.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200	<0.0200	0.00370 B	<0.0200	0.00730 B	0.00670 J	<0.200	<0.0200 B	<0.0200	0.00550 J

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-3 03/21/12	GMPZ-3 03/19/13	GMPZ-3 09/29/14	GMPZ-3 03/28/19	GMPZ-4 03/09/95	GMPZ-4 06/18/03	GMPZ-4 12/10/03	GMPZ-4 06/17/04	GMPZ-4 12/16/04	GMPZ-4 06/22/05
Inorganics												
Aluminum	0.181	mg/L	0.0220 J	<0.0190	<0.100	0.0460 J	1.90	0.160 B	0.0750 B	<0.200	0.0800 B	<0.200
Antimony	0.0025	mg/L	<0.00300	<0.000480	<0.00300	<0.00300	<0.0500	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J
Arsenic	0.00204	mg/L	0.00170	0.00260	0.00430	0.00470	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	0.0862	mg/L	0.100	0.110	0.0980	0.110	0.0870	0.0620	0.0660	0.0710	0.0680	0.0660
Beryllium	--	mg/L	<0.00100	<0.000170	<0.00100	<0.00100	<0.00500	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	0.000300 J	0.000210 J	0.000190 J	0.000190 J	<0.00500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	3.20	51.0	61.0	1.60	32.0	22.0	24.0	25.0	29.0	31.0
Chloride	58.87	mg/L	4.80	4.40	3.50	3.40	NA	<2.00	2.80	2.40	1.80	2.00 B
Chromium	0.0015	mg/L	<0.00500	<0.000640	<0.00500	<0.00500	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	0.00081582	mg/L	0.000230 J	0.000150 J	0.000230 J	<0.00100	<0.0100	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Copper	0.00211	mg/L	0.00130 J	<0.000570	<0.00200	<0.00200	<0.0250	0.00300 B	0.00260 B	<0.0100	0.00460 B	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.00330	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	<0.100	<0.0370	0.0550 J	0.120	2.90	0.520	0.300	0.0460 B	<0.190	0.260
Lead	0.00068945	mg/L	0.000510 J	<0.000160	0.000300 J	<0.000960 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	17.0 J	18.0	19.0	19.0	14.0	12.0	12.0	13.0	14.0	14.0
Manganese	0.171	mg/L	0.0540	0.00880	0.100	0.0330	0.0820	0.0300	0.0320	<0.0100	0.0370	<0.0110
Mercury	0.00014	mg/L	<0.000200	<0.0000710	<0.000200	<0.000200 J	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.00200	0.000640 J	<0.00200	0.00340	<0.0400	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Potassium	2.15	mg/L	2.10	2.20	2.10	2.00	7.00	16.0	12.0	10.0	5.00 J	3.60 J
Selenium	0.0034	mg/L	<0.00250	<0.000250	<0.00250	<0.00250	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.0000690	<0.000500	<0.000500	<0.0100	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	37.0	40.0	41.0	41.0	45.0	56.0	50.0	52.0	45.0	44.0
Thallium	--	mg/L	<0.00200	<0.000270	<0.00200	<0.00200	<0.0100	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.000340	<0.00500	<0.00500	<0.0100	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200 B	<0.00630	<0.0200	0.00930 J	<0.0200	<0.0200	<0.0200	<0.0200	0.00630 B	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-4 03/29/06	GMPZ-4 03/21/07	GMPZ-4 03/14/08	GMPZ-4 03/04/09	GMPZ-4 03/31/10	GMPZ-4 03/30/11	GMPZ-4 04/06/11	GMPZ-4 03/20/12	GMPZ-4 03/20/13
Inorganics											
Aluminum	0.181	mg/L	<0.200	0.0340 J	<1.00	0.0880 J	0.0120 J	0.0240 J	NA	0.0630 J	<0.0190
Antimony	0.0025	mg/L	0.00200 B	<0.00100	0.00150 J	<0.00200	<0.00300	<0.00300 B	NA	<0.00300	<0.000480
Arsenic	0.00204	mg/L	<0.0100	0.00150	<0.0100	0.00150	0.00140	0.00150	NA	0.00120	0.00140
Barium	0.0862	mg/L	0.0570	0.0530	0.0600	0.0580	0.0540	0.0550	NA	0.0510	0.0500
Beryllium	--	mg/L	<0.00400	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.000170
Cadmium	0.00064125	mg/L	<0.00200	0.0000690 J	<0.00500	0.000610	0.000190 J	0.000240 J	NA	0.000840	0.000410 J
Calcium	163.9	mg/L	29.0	30.0 B	28.0	16.0	30.0	15.0	NA	15.0	39.0
Chloride	58.87	mg/L	<2.00	<2.00	7.50	1.30 J	<2.00 B	NA	4.10	<2.00	1.30 J
Chromium	0.0015	mg/L	<0.0100	<0.00500	<0.0500	<0.00500 J	<0.00500	<0.00500	NA	<0.00500	<0.000640
Cobalt	0.00081582	mg/L	<0.00500	0.000230 J	<0.0100	<0.00100 J	0.000170 J	0.000180 J	NA	0.000270 J	0.000240 J
Copper	0.00211	mg/L	<0.0100	<0.00200	<0.0200	0.00170 J	<0.00200	<0.00200	NA	0.00130 J	<0.000570
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	NA	<0.0100	<0.00330
Iron	0.171	mg/L	0.100	0.110	0.700 J	0.820	0.0430 J	0.110	NA	0.380	<0.0370
Lead	0.00068945	mg/L	<0.00500	0.000130 J	<0.00500	<0.000500 B	<0.000500	<0.000500	NA	<0.000500	<0.000160
Magnesium	42.41	mg/L	13.0	14.0	14.0	14.0	14.0	14.0	NA	14.0 J	15.0
Manganese	0.171	mg/L	<0.0100	0.00680	0.0400	0.0480 J	0.00840	0.0130	NA	0.0150	0.00340
Mercury	0.00014	mg/L	0.0000900 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	NA	<0.000200	<0.0000710
Nickel	0.00378	mg/L	<0.0100	<0.00100	<0.0200	0.00220 J	0.00480 J	0.000820 J	NA	<0.00200	0.000720 J
Potassium	2.15	mg/L	3.40 J	2.70	2.60 J	2.60	2.30	2.50	NA	2.20	2.40
Selenium	0.0034	mg/L	<0.0100	<0.00250	<0.0250	<0.00250	<0.00250	<0.00250 B	NA	<0.00250	<0.000250
Silver	--	mg/L	<0.00500	<0.000500	<0.00500	<0.000500	<0.000500	<0.000500	NA	<0.000500	<0.0000690
Sodium	9.732	mg/L	44.0	47.0	46.0	46.0	48.0	48.0	NA	46.0	49.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	NA	<0.00200	<0.000270
Vanadium	--	mg/L	<0.00500	<0.00500	<0.0500	<0.00500	<0.00500	<0.00500	NA	<0.00500	<0.000340
Zinc	0.0123	mg/L	<0.0200	0.00530 J	<0.200	<0.0200 B	<0.0200	0.00670 J	NA	<0.0200 B	<0.00630

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-4 09/30/14	GMPZ-4 03/28/19	GMPZ-6 03/02/95	GMPZ-6 03/26/03	GMPZ-6 06/17/03	GMPZ-6 09/24/03	GMPZ-6 12/09/03	GMPZ-6 03/16/04	GMPZ-6 06/16/04
Inorganics											
Aluminum	0.181	mg/L	<0.100	<0.100	2.10	NA	0.0620 B	0.120 B	0.0290 B	<0.200	<0.200
Antimony	0.0025	mg/L	<0.00300	<0.00300	<0.0500	<0.0200	<0.0200	<0.00300	<0.00600	<0.00600	<0.00600
Arsenic	0.00204	mg/L	0.00140	0.00130	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	0.0862	mg/L	0.0500	0.0490	0.310	NA	0.150	0.140	0.120	0.120	0.110
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00500	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	0.00150	0.000230 J	<0.0500	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	47.0	11.0	120	NA	28.0	27.0	24.0	24.0	20.0
Chloride	58.87	mg/L	1.20 J	1.90 J	NA	72.0	64.0	56.0 J	55.0	44.0	35.0
Chromium	0.0015	mg/L	<0.00500	<0.00500	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	0.00081582	mg/L	0.000230 J	<0.00100	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Copper	0.00211	mg/L	<0.00200	<0.00200	<0.250	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cyanide	0.002	mg/L	0.0120	<0.0100	<0.0100	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.110	<0.100	5.10	NA	0.480	0.650	0.240	0.450	0.590
Lead	0.00068945	mg/L	0.000180 J	<0.000610 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	14.0	14.0	37.0	NA	21.0	19.0	17.0	16.0	14.0
Manganese	0.171	mg/L	0.0110	<0.00270 B	0.140	NA	0.0310	0.0260	0.0220	0.0280	0.0200
Mercury	0.00014	mg/L	<0.000200	<0.000200 J	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0000490 B	<0.000200
Nickel	0.00378	mg/L	<0.00200	0.00150 J	<0.0400	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Potassium	2.15	mg/L	2.20	1.80	1.80	NA	8.40	8.30 J	7.90	6.80 J	6.20
Selenium	0.0034	mg/L	<0.00250	<0.00250	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.000500	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	49.0	48.0	15.0	NA	38.0	39.0	34.0	35.0	34.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.0100	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.00710 B	<0.0200	<0.0200	NA	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-6 09/14/04	GMPZ-6 12/15/04	GMPZ-6 03/30/05	GMPZ-6 06/22/05	GMPZ-6 09/13/05	GMPZ-6 03/29/06	GMPZ-6 09/21/06	GMPZ-6 03/20/07	GMPZ-6 09/12/07	GMPZ-6 03/13/08
Inorganics												
Aluminum	0.181	mg/L	<0.200	0.0640 B	<0.200	<0.200	<0.200	<0.200	<0.200	0.150	0.700	<0.500
Antimony	0.0025	mg/L	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600	<0.00600	<0.00600	<0.00100	<0.00100	<0.00200
Arsenic	0.00204	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00250	0.00270	<0.00500
Barium	0.0862	mg/L	0.110	0.110	0.100	0.110	0.100	0.0950	0.100	0.530	0.810	0.110
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000500	0.000260 J	<0.00250
Calcium	163.9	mg/L	20.0	21.0	22.0	21.0	20.0 J	20.0	20.0	240 B	160 J	24.0
Chloride	58.87	mg/L	37.0	26.0	23.0	20.0	17.0	14.0	10.0	160	130	5.70
Chromium	0.0015	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.000830 J	0.00160 J	<0.0250
Cobalt	0.00081582	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000460 J	0.000620 J	<0.00500
Copper	0.00211	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00200	0.00220 J	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00300 J	<0.0100	<0.0100
Iron	0.171	mg/L	0.380	0.410 J	0.510 J	0.600	0.360	<0.0500	0.280	2.60	2.40	0.250 J
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000260 J	0.00140 J	<0.00250
Magnesium	42.41	mg/L	14.0	14.0	14.0	14.0	14.0 J	13.0	13.0	75.0	57.0	14.0
Manganese	0.171	mg/L	0.0120	0.0200	0.0200	<0.0190	0.0130	<0.0100	<0.0100	0.450	0.350	<0.0130 B
Mercury	0.00014	mg/L	0.0000830 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200
Nickel	0.00378	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	0.00190	<0.0100
Potassium	2.15	mg/L	5.90	5.90 J	5.40 J	4.80 J	5.00 J	4.60 J	4.50 J	4.60	5.50	4.30
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00250	0.000520 J	<0.0130
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250
Sodium	9.732	mg/L	34.0	33.0	33.0	33.0	34.0	32.0	33.0	77.0 B	77.0 B	36.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00190	<0.0250
Zinc	0.0123	mg/L	<0.0200	0.00580 B	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	0.00370 J	0.0110 J	<0.100 B

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-6 09/24/08	GMPZ-6 03/03/09	GMPZ-6 09/28/09	GMPZ-6 03/30/10	GMPZ-6 09/29/10	GMPZ-6 03/29/11	GMPZ-6 09/20/11	GMPZ-6 03/20/12	GMPZ-6 09/18/12
Inorganics											
Aluminum	0.181	mg/L	0.170	0.0350 J	<0.100	0.0820 J	0.0200 J	0.0560 J	0.580	0.0440 J	0.120
Antimony	0.0025	mg/L	<0.00200	0.000510 J	<0.00200 B	<0.00300	0.000270 J	<0.00300	<0.00300	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.00120	0.000730 J	0.000620 J	0.000900 J	0.000670 J	0.000690 J	0.000970 J	0.000710 J	0.00130
Barium	0.0862	mg/L	0.130	0.110	0.120	0.130	0.120	0.110	0.130	0.110	0.120
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.000500	0.000250 J	<0.000500	<0.000500	<0.000500	0.000170 J	0.000340 J	0.000160 J	0.000240 J
Calcium	163.9	mg/L	22.0 J	10.0	25.0	21.0	22.0	32.0 J	18.0	13.0	44.0
Chloride	58.87	mg/L	2.80	4.00	4.60	3.00 J	2.70 J	3.40	2.10 J	<2.00	2.20
Chromium	0.0015	mg/L	<0.00500	0.000640 J	<0.00500	<0.00500	<0.00500	<0.00500	0.00120 J	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	<0.00100	<0.00100 J	0.000170 J	0.000100 J	<0.00100	<0.00100	<0.00100 B	<0.00100	0.000140 J
Copper	0.00211	mg/L	0.000570 J	0.00170 J	0.000630 J	<0.00200 B	0.000680 J	0.000720 J	0.00150 J	0.000980 J	0.000840 J
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.640	0.430	0.0900 J	0.390	0.870 J	0.310 J	0.920	0.110	0.280
Lead	0.00068945	mg/L	<0.000500 B	<0.000500 B	<0.000500 B	<0.000500	<0.000500	0.000170 J	0.000530 J	<0.000500	0.000180 J
Magnesium	42.41	mg/L	16.0	13.0	15.0	16.0	16.0	14.0	16.0	15.0 J	16.0 J
Manganese	0.171	mg/L	0.0220	0.0130 J	0.0300	0.00990	0.0170	0.00390	0.0390	0.00560 J	0.0150
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.000510 J	0.0300 J	0.000400 J	<0.00200	0.000380 J	0.000400 J	<0.00200 B	<0.00200	0.000580 J
Potassium	2.15	mg/L	3.60	3.50	3.50	3.10	3.30	3.20	3.20	3.00	3.00
Selenium	0.0034	mg/L	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	39.0	34.0	37.0	38.0	38.0	33.0	36.0	36.0	38.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	0.000410 J	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00130 J	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200 B	<0.0200 B	0.00790 J	0.00960 J	0.00650 J	<0.0200 B	0.00770 J	<0.0200 B	0.0110 J

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-6 03/19/13	GMPZ-6 09/25/13	GMPZ-6 09/29/14	GMPZ-6 03/18/15	GMPZ-6 09/24/16	GMPZ-6 03/14/17	GMPZ-6 09/25/18
Inorganics									
Aluminum	0.181	mg/L	<0.0190	0.320 [0.700]	0.180	0.0720 J [0.740]	<0.100	0.170 J	0.0520 J
Antimony	0.0025	mg/L	<0.000480	<0.00300 [<0.00300]	<0.00300	<0.00300 [<0.00300]	<0.00300	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.000770 J	0.000930 J [0.00220]	0.000760 J	0.00140 J [0.00890]	0.000660 J	0.000980 J	0.000820 J
Barium	0.0862	mg/L	0.120	0.120 [1.70]	0.130	0.120 [1.80]	0.130	0.140	0.140
Beryllium	--	mg/L	<0.000170	<0.00100 [<0.00100]	<0.00100	<0.00100 [<0.00100]	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	0.000540	0.000230 J [<0.000500]	0.000170 J	0.000240 J [0.000190 J]	<0.000500	0.000230 J	0.000220 J
Calcium	163.9	mg/L	29.0	19.0 [110]	36.0	33.0 [140]	8.70	20.0	21.0
Chloride	58.87	mg/L	2.20	2.90 J [13.0]	1.50 J	1.90 J [10.0]	2.00	1.60 J	<2.00
Chromium	0.0015	mg/L	<0.000640	0.000880 J [0.00140 J]	<0.00500	<0.00500 [<0.00500]	<0.00500	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	<0.000130	<0.00100 B [<0.00100 B]	<0.00100	<0.00100 [0.000580 J]	<0.00100	<0.00100	<0.00100
Copper	0.00211	mg/L	<0.00200 B	<0.00200 B [0.00230 J]	<0.00200	<0.00200 [0.00140 J]	0.00500	<0.00200	0.00100 J
Cyanide	0.002	mg/L	<0.00330	<0.0100 [<0.0100]	<0.0100	<0.0100 [<0.0100]	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.110	0.490 [6.90]	0.330	0.190 [32.0]	0.0900 J	0.280 J	0.230
Lead	0.00068945	mg/L	<0.000160	<0.000500 B [0.00140]	0.000240 J	0.000170 J [0.00110]	<0.000500 J	0.000250 J	<0.000500
Magnesium	42.41	mg/L	16.0	15.0 [51.0]	15.0	16.0 [58.0]	15.0	17.0	16.0
Manganese	0.171	mg/L	0.00520	0.0170 [0.410]	0.0180	0.00760 [0.380]	0.00340	0.00800	0.00800
Mercury	0.00014	mg/L	<0.0000710	<0.000200 [<0.000200]	<0.000200	<0.000200 [<0.000200]	0.000270	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.000520	<0.00200 B [<0.00200 B]	<0.00200	<0.00200 [0.00150 J]	<0.00200	<0.00200	<0.00200
Potassium	2.15	mg/L	3.00	2.80 [5.50]	2.70	2.90 [4.10]	2.50	2.90	2.60
Selenium	0.0034	mg/L	<0.000250	<0.00250 [<0.00250]	<0.00250	<0.00250 [<0.00250]	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.0000690	<0.000500 [<0.000500]	<0.000500	<0.000500 [<0.000500]	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	38.0	35.0 [37.0]	37.0	39.0 [34.0]	34.0	40.0	37.0
Thallium	--	mg/L	<0.000270	<0.00200 [<0.00200]	<0.00200	<0.00200 [<0.00200]	<0.00200 J	<0.00200	<0.00200
Vanadium	--	mg/L	<0.000340	0.000790 J [0.00260 J]	<0.00500	<0.00500 [0.00380 J]	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.00630	<0.0200 B [<0.0200 B]	<0.00690 B	0.00650 J [0.00830 J]	0.00460 J	<0.0200	0.00950 J

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-6 03/28/19	GMPZ-7 02/28/95	GMPZ-7 03/26/03	GMPZ-7 06/17/03	GMPZ-7 09/24/03	GMPZ-7 12/09/03	GMPZ-7 03/16/04	GMPZ-7 06/16/04	GMPZ-7 09/14/04	GMPZ-7 12/14/04
Inorganics												
Aluminum	0.181	mg/L	0.0600 J	35.0	NA	0.660	0.260	0.0610 B	2.00 J	0.550	<0.200	0.120 B
Antimony	0.0025	mg/L	<0.00300	<0.0500	<0.0200	<0.0200	0.00310	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
Arsenic	0.00204	mg/L	0.000990 J	0.0350	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	0.0862	mg/L	0.130	0.460	NA	0.250	0.260	0.250	0.290	0.270	0.270	0.310
Beryllium	--	mg/L	<0.00100	<0.00500	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	<0.000500	<0.00500	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	11.0	400	NA	33.0	33.0	29.0	37.0	31.0	28.0	30.0
Chloride	58.87	mg/L	1.80 J	NA	<2.00	<2.00	1.90 J	1.30 B	1.30 B	1.40 B	1.70 B	1.60 B
Chromium	0.0015	mg/L	<0.00500	0.0730	NA	<0.0100	<0.0100	<0.0100	0.00300 B	0.00150 B	<0.0100	<0.0100
Cobalt	0.00081582	mg/L	<0.00100	0.0370	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Copper	0.00211	mg/L	<0.00200	0.0800	NA	0.0410	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.240	69.0	NA	2.10	0.840	0.440	3.50	1.40	0.150	0.360 J
Lead	0.00068945	mg/L	<0.00110 B	0.0290	0.00440 B	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	15.0	190	NA	23.0	22.0	21.0	23.0	21.0	19.0	21.0
Manganese	0.171	mg/L	0.00890	1.50	NA	0.0590	0.0410	0.0110	0.0880	0.0770	0.0260	0.0230
Mercury	0.00014	mg/L	<0.000200 J	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0000530 B	<0.000200
Nickel	0.00378	mg/L	<0.00200	0.0850	NA	<0.0100	<0.0100	<0.0100	0.00190 B	<0.0100	<0.0100	<0.0100
Potassium	2.15	mg/L	2.40	12.0	NA	1.60	1.50 J	1.60	2.20	1.60	1.50	1.50
Selenium	0.0034	mg/L	<0.00250	<0.0100	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.0100	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	38.0	31.0	NA	31.0	32.0	29.0	31.0	31.0	31.0	30.0
Thallium	--	mg/L	<0.00200	<0.0100	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	0.0950	NA	<0.00500	0.0150	<0.00500	0.00370 B	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200	0.190	NA	<0.0520	<0.0200	<0.0200	0.0120 B	<0.0200	<0.0200	0.00480 B

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-7 03/30/05	GMPZ-7 06/21/05	GMPZ-7 09/13/05	GMPZ-7 03/28/06	GMPZ-7 09/21/06	GMPZ-7 03/20/07	GMPZ-7 09/12/07	GMPZ-7 03/13/08	GMPZ-7 09/23/08
Inorganics											
Aluminum	0.181	mg/L	<0.200	<0.200	<0.200	<0.200	<0.200	0.0890 J	0.0250 J	<0.500	<0.100
Antimony	0.0025	mg/L	<0.00600	<0.00600 J	<0.00600	<0.00600	<0.00600	<0.00100	<0.00100	<0.00200	<0.00200
Arsenic	0.00204	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	0.00850 B	0.00250	0.00540	0.00480 J	0.00510
Barium	0.0862	mg/L	0.290	0.300	0.290	0.290	0.310	0.280	0.290	0.300	0.320
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.0000600 J	0.0000510 J	<0.00250	<0.000500
Calcium	163.9	mg/L	29.0	29.0	28.0 J	28.0	25.0	25.0	33.0 J	18.0	54.0 J
Chloride	58.87	mg/L	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	2.50 J	6.80	0.880 J
Chromium	0.0015	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00500	<0.00500	<0.0250	<0.00500
Cobalt	0.00081582	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000180 J	0.000290 J	<0.00500	<0.00100
Copper	0.00211	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0100	0.000740 J
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.260 J	0.350	0.960	0.0890 B	1.80	0.210	0.300	0.470 J	0.410
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000170 J	<0.00100 B	<0.00250	<0.000500 B
Magnesium	42.41	mg/L	20.0	20.0	20.0 J	20.0	19.0	19.0	17.0	20.0	22.0
Manganese	0.171	mg/L	0.00720 B	0.0970	0.0500 J	<0.0100	0.0380	0.00410	0.0190	<0.0130 B	0.0180
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00100	0.000350 J	<0.0100	0.000450 J
Potassium	2.15	mg/L	1.50	1.50	1.40	1.40	1.30	1.30	1.30	1.40 J	1.40
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00250	<0.00250	<0.0130	<0.00250
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500
Sodium	9.732	mg/L	30.0	31.0	31.0	31.0	29.0	32.0	30.0 B	32.0	35.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	<0.00500
Zinc	0.0123	mg/L	<0.0200	<0.0200	0.00760 B	<0.0200	<0.0200	0.00500 J	<0.0100 B	<0.100	<0.0200 B

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-7 03/03/09	GMPZ-7 09/28/09	GMPZ-7 03/30/10	GMPZ-7 09/28/10	GMPZ-7 03/30/11	GMPZ-7 04/06/11	GMPZ-7 09/20/11	GMPZ-7 03/20/12	GMPZ-7 09/18/12
Inorganics											
Aluminum	0.181	mg/L	<0.100	<0.100	<0.100	<0.100	<0.100	NA	<0.100	<0.100	<0.100
Antimony	0.0025	mg/L	<0.00200	<0.00200 B	<0.00300	<0.00300	<0.00300 B	NA	<0.00300	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.00340	0.00750	0.00320	0.00960	0.00300	NA	0.00950	0.00160	0.00330
Barium	0.0862	mg/L	0.310	0.310	0.310	0.300	0.320	NA	0.310	0.280	0.300
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	NA	<0.000500	<0.000500	<0.000500
Calcium	163.9	mg/L	27.0	43.0	40.0	17.0	14.0	NA	<10.0	3.00	100
Chloride	58.87	mg/L	0.720 J	<2.00	<2.00 B	<2.00 B	NA	<2.00 B	<2.00 B	9.20	1.60 J
Chromium	0.0015	mg/L	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.00500	NA	<0.00500	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	<0.00100 J	0.000230 J	0.000140 J	0.000370 J	0.000170 J	NA	<0.00100 B	<0.00100	0.000230 J
Copper	0.00211	mg/L	0.000710 J	<0.00200	<0.00200	<0.00200	<0.00200	NA	<0.00200	<0.00200	<0.00200
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100 J	<0.0100	<0.0100 B	NA	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.200	0.540	0.0810 J	1.10	0.160	NA	1.30	0.0970 J	0.320
Lead	0.00068945	mg/L	<0.000500 B	<0.000500 B	<0.000500	<0.000500	<0.000500	NA	<0.000500 B	<0.000500	0.000240 J
Magnesium	42.41	mg/L	19.0	20.0	21.0	21.0	22.0	NA	23.0	24.0 J	22.0 J
Manganese	0.171	mg/L	0.00530 J	0.0210	0.00130 J	0.0380	<0.00250 B	NA	0.0250	0.00290 J	0.0240
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	NA	<0.000200 B	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.00200 B	<0.00200	<0.00200	<0.00200	0.000360 J	NA	<0.00200 B	<0.00200	<0.00200
Potassium	2.15	mg/L	1.40	1.40	1.30	1.40	1.30	NA	1.30	1.30	1.40
Selenium	0.0034	mg/L	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250 B	NA	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	NA	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	32.0	34.0	35.0	34.0	29.0	NA	30.0	29.0	34.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	NA	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	NA	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200 B	<0.0200	<0.0200	<0.0200	0.00530 J	NA	0.00320 J	<0.0200	0.00750 J

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-7 03/19/13	GMPZ-7 09/25/13	GMPZ-7 09/29/14	GMPZ-7 03/18/15	GMPZ-7 09/24/16	GMPZ-7 03/14/17	GMPZ-7 09/24/18	GMPZ-7 03/27/19	GMPZ-9 03/09/95
Inorganics											
Aluminum	0.181	mg/L	<0.0190	<0.100 B	0.0440 J	<0.100	<0.100	<0.100 J	<0.100	<0.100	3.40
Antimony	0.0025	mg/L	<0.000480	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.0500
Arsenic	0.00204	mg/L	0.00420	0.00410	0.00260	0.00370	0.00350	0.00230	0.00190	0.00260	<0.0100
Barium	0.0862	mg/L	0.280	0.280	0.220	0.230	0.270	0.250	0.290	0.270	0.380
Beryllium	--	mg/L	<0.000170	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500
Cadmium	0.00064125	mg/L	<0.000100	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.00500
Calcium	163.9	mg/L	54.0	28.0	68.0	61.0	93.0	14.0	22.0	16.0	52.0
Chloride	58.87	mg/L	1.20 J	2.20 J	<2.00	1.40 J	1.60 J	1.50 J	<2.00	1.00 J	NA
Chromium	0.0015	mg/L	<0.000640	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0100
Cobalt	0.00081582	mg/L	0.000130 J	<0.00100 B	0.000250 J	<0.00100	0.000240 J	<0.00100	<0.00100	<0.00100	<0.0100
Copper	0.00211	mg/L	<0.000570	<0.00200 B	<0.00200	<0.00200	0.00230	<0.00200	<0.00200	<0.00200	<0.0250
Cyanide	0.002	mg/L	<0.00330	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.300	0.440	0.290	0.220	0.260	0.110 J	0.0780 J	0.130	5.70
Lead	0.00068945	mg/L	<0.000160	<0.000500 B	0.000270 J	0.000200 J	<0.000500 J	<0.000500	<0.000500	<0.000580 B	0.00510
Magnesium	42.41	mg/L	22.0	26.0	23.0	23.0	20.0	20.0	21.0	20.0	30.0
Manganese	0.171	mg/L	0.00940	0.00940	0.0250	0.0110	0.0210	0.00240 J	0.0210	<0.00500 B	0.140
Mercury	0.00014	mg/L	<0.0000710	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.000520	<0.00200 B	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.0400
Potassium	2.15	mg/L	1.30	1.40	1.30	1.40	1.30	1.30	1.40	1.30	3.50
Selenium	0.0034	mg/L	<0.000250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250	<0.0100
Silver	--	mg/L	<0.0000690	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0100
Sodium	9.732	mg/L	34.0	33.0	32.0	34.0	32.0	31.0	32.0	32.0	31.0
Thallium	--	mg/L	<0.000270	<0.00200	<0.00200	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.0100
Vanadium	--	mg/L	<0.000340	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0100
Zinc	0.0123	mg/L	<0.00630	<0.0200 B	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-10 03/09/95	GMPZ-11 02/28/95	GMPZ-11 06/18/03	GMPZ-11 12/10/03	GMPZ-11 06/17/04	GMPZ-11 12/15/04	GMPZ-11 06/22/05	GMPZ-11 03/29/06	GMPZ-11 03/21/07	GMPZ-11 03/14/08
Inorganics												
Aluminum	0.181	mg/L	2.70	94.0	0.200	0.350	<0.200	0.0670 B	<0.200	<0.200	0.0380 J	<1.00
Antimony	0.0025	mg/L	<0.0500	<0.0500	<0.0200	<0.00600	<0.00600	<0.00600	<0.00600 J	<0.00600	<0.00100	<0.00200
Arsenic	0.00204	mg/L	<0.0100	0.0840	<0.0100	<0.0100	<0.0100	<0.0100	0.00220 B	<0.0100	0.00230	0.00290 J
Barium	0.0862	mg/L	0.0900	0.910	0.120	0.160	0.130	0.140	0.150	0.0440	0.130	0.150
Beryllium	--	mg/L	<0.00500	0.00570	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00100	<0.0100
Cadmium	0.00064125	mg/L	<0.00500	<0.00500	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.0000600 J	<0.00500
Calcium	163.9	mg/L	60.0	860	56.0	58.0	54.0	58.0	57.0	130	55.0 B	41.0
Chloride	58.87	mg/L	NA	NA	4.30	3.60	4.70	4.60	3.80	9.20	3.00	11.0
Chromium	0.0015	mg/L	<0.0100	0.210	<0.0100	0.00160 B	<0.0100	<0.0100	0.00200 B	<0.0100	0.000990 J	<0.0500
Cobalt	0.00081582	mg/L	<0.0100	0.0790	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00930	0.000510 J	<0.0100
Copper	0.00211	mg/L	<0.0250	0.220	<0.0100	0.00170 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.00200	<0.0200
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00240 B	<0.0100	<0.0100
Iron	0.171	mg/L	5.60	170	0.110	0.780	<0.0500	0.540	0.230	0.360	0.120	<1.00
Lead	0.00068945	mg/L	<0.00500	0.0970	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.000130 J	<0.00500
Magnesium	42.41	mg/L	24.0	290	27.0	28.0	26.0	28.0	28.0	46.0	28.0	29.0
Manganese	0.171	mg/L	0.210	3.70	<0.0100	0.120	<0.0100	0.120	0.0480	0.150	0.00200	0.00750 J
Mercury	0.00014	mg/L	<0.000200	0.000250	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.0400	0.200	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00180 B	0.00130 J	<0.0200
Potassium	2.15	mg/L	2.50	26.0	1.60	2.00	1.70	1.70	1.80	2.20 J	1.60	1.90 J
Selenium	0.0034	mg/L	<0.0100	<0.0500	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00250	<0.0250
Silver	--	mg/L	<0.0100	<0.0100	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000500	<0.00500
Sodium	9.732	mg/L	45.0	18.0	15.0	17.0	14.0	14.0	18.0	46.0	17.0 B	18.0
Thallium	--	mg/L	<0.0100	<0.0100	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.0100	0.250	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0500
Zinc	0.0123	mg/L	0.0400	0.460	<0.0200	<0.0200	<0.0200	0.00190 B	<0.0200	<0.0200	0.00480 J	<0.200

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-11 03/04/09	GMPZ-11 03/31/10	GMPZ-11 03/30/11	GMPZ-11 03/20/12	GMPZ-11 03/20/13	GMPZ-11 09/30/14	GMPZ-11 03/27/19	GMPZ-12 02/28/95	GMPZ-12 03/26/03
Inorganics											
Aluminum	0.181	mg/L	0.0480 J	<1.00	<0.100	0.0330 J	<0.0190	0.0530 J	<0.100	52.0	NA
Antimony	0.0025	mg/L	<0.00200	0.000270 J	<0.00300 B	<0.00300	0.000780 J	0.000740 J	<0.00300	<0.0500	<0.0200
Arsenic	0.00204	mg/L	0.00290	0.00300	0.00310	0.00280	0.00320	0.00460	0.00570	0.0460	NA
Barium	0.0862	mg/L	0.140	0.150	0.140	0.140	0.140	0.140	0.160	0.810	NA
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00500	NA
Cadmium	0.00064125	mg/L	0.000490 J	0.000420 J	0.000390 J	0.000570	0.00250	0.00160	0.000630	<0.00500	NA
Calcium	163.9	mg/L	51.0	63.0	49.0	33.0	64.0	81.0	41.0	450	NA
Chloride	58.87	mg/L	3.30	2.80 J	2.40	1.20 J	2.60	2.70	3.80	NA	1.90
Chromium	0.0015	mg/L	<0.00500 J	<0.00500	<0.00500	<0.00500	<0.000640	0.000670 J	<0.00500	0.100	NA
Cobalt	0.00081582	mg/L	<0.00100 B	0.000360 J	0.000360 J	0.000290 J	0.000240 J	<0.00100	<0.00100	0.0500	NA
Copper	0.00211	mg/L	0.00100 J	<0.00200 B	<0.00200	0.00120 J	0.00240	0.000750 J	<0.00200	0.120	NA
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100 B	<0.0100	<0.00330	<0.0100	<0.0100	<0.0100	<0.0100 J
Iron	0.171	mg/L	0.160	0.0300 J	0.0470 J	0.0950 J	0.0400 J	0.120	0.600	100	NA
Lead	0.00068945	mg/L	<0.000500 B	<0.000500	<0.000500	<0.000500 B	<0.000160	0.000190 J	<0.000560 B	0.0480	0.00320
Magnesium	42.41	mg/L	27.0	30.0	28.0	30.0 J	30.0	30.0	32.0	140	NA
Manganese	0.171	mg/L	0.0420 J	0.00700	0.00800 J	0.0200	0.00820	0.0220	0.0330	2.10	NA
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	0.000200	<0.000200
Nickel	0.00378	mg/L	<0.00200 B	0.000700 J	0.000800 J	0.000600 J	0.00120 J	0.000890 J	0.000980 J	0.130	NA
Potassium	2.15	mg/L	1.70	1.70	1.80	1.70	1.70	1.70	1.60	15.0	NA
Selenium	0.0034	mg/L	<0.00250	<0.00250	<0.00250 B	<0.00250	<0.000250	<0.00250	<0.00250	<0.0200	NA
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.0100	NA
Sodium	9.732	mg/L	16.0	18.0	16.0	18.0	18.0	20.0	18.0	23.0	NA
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.0100	NA
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	0.130	NA
Zinc	0.0123	mg/L	<0.0200 B	<0.0200	0.00770 J	<0.0200 B	<0.00630	<0.0110 B	<0.0200	0.290	NA

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-12 06/17/03	GMPZ-12 09/24/03	GMPZ-12 12/09/03	GMPZ-12 03/16/04	GMPZ-12 06/16/04	GMPZ-12 09/14/04	GMPZ-12 12/14/04	GMPZ-12 03/30/05	GMPZ-12 06/21/05	GMPZ-12 09/13/05
Inorganics												
Aluminum	0.181	mg/L	0.370	0.140 B	0.0420 B	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Antimony	0.0025	mg/L	<0.0200	0.00230 B	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
Arsenic	0.00204	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	0.0862	mg/L	0.180	0.200	0.110	0.200	0.160	0.0950	0.220	0.180	0.110	0.130
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	33.0	45.0	16.0	42.0	26.0	22.0	36.0	48.0	4.40	31.0 J
Chloride	58.87	mg/L	1.40 B	1.10 BJ	1.30 B	2.00 B	1.90 B	2.90	2.70	2.80	3.30	3.50
Chromium	0.0015	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	0.00350 B	<0.0100	<0.0100	<0.0100	0.00140 B	0.00160 B
Cobalt	0.00081582	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00180 B	<0.00500
Copper	0.00211	mg/L	0.00230 B	<0.0100	0.00160 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00260 B	<0.0100
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00340 B	<0.0100
Iron	0.171	mg/L	0.530	0.360	0.0420 B	0.200	0.250	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00350 B	0.00280 B	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	12.0	9.90	3.60	8.00	10.0	1.20	14.0	0.780	1.80	1.00 J
Manganese	0.171	mg/L	0.0340	0.0250	0.00300 B	0.0120	0.0180	<0.0100	0.0150	<0.0100	0.00200 B	<0.0100
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	0.0000640 B	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00380 B	0.00530 B	0.00510 B	0.00580 B	0.00390 B	0.00600 B	0.00370 B	0.0120	0.0110	0.0100
Potassium	2.15	mg/L	2.50	3.10 J	4.10	3.80	3.60	4.10	3.80 J	4.70 J	3.70	3.80 J
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00100 B	<0.00500
Sodium	9.732	mg/L	23.0	24.0	23.0	23.0	23.0	21.0	22.0	21.0	22.0	20.0
Thallium	--	mg/L	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00250 B	<0.00500
Zinc	0.0123	mg/L	<0.0200	<0.0200	<0.0200	<0.0200	0.0140 B	<0.0200	<0.0200	<0.0200	<0.0200	0.0130 B

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-12 03/28/06	GMPZ-12 09/20/06	GMPZ-12 03/20/07	GMPZ-12 09/12/07	GMPZ-12 03/13/08	GMPZ-12 09/23/08	GMPZ-12 03/03/09	GMPZ-12 09/28/09	GMPZ-12 03/30/10
Inorganics											
Aluminum	0.181	mg/L	<0.200	<0.200	0.0210 J	<0.100	<0.500	<0.100	0.0290 J	<0.100	<0.100
Antimony	0.0025	mg/L	<0.00600	<0.00600 J	<0.00100	<0.00100	<0.00200	<0.00200	0.00100 J	<0.00200 B	0.00180 J
Arsenic	0.00204	mg/L	<0.0100	<0.0100	0.00650	0.00590	0.0130	0.0150	0.00210	0.00400	0.00540
Barium	0.0862	mg/L	0.0170	0.0130	0.250	0.240	0.360	0.330	0.0210	0.0230	0.100
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.000500	0.000690	<0.00250	<0.000500	<0.000500	<0.000500	0.000130 J
Calcium	163.9	mg/L	5.30	5.60	28.0 B	29.0 J	36.0	36.0 J	4.00	7.50	18.0
Chloride	58.87	mg/L	2.30	2.00 B	2.70 J	2.50 J	0.900 J	0.680 J	2.60	1.80 J	2.70 J
Chromium	0.0015	mg/L	0.00150 B	<0.0100	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500 J	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	<0.00500	<0.00500	0.000250 J	0.000180 J	<0.00500	0.000340 J	<0.00100 J	0.000100 J	0.000150 J
Copper	0.00211	mg/L	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0100	<0.00200	0.000580 J	0.000680 J	<0.00200 B
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	<0.0500	<0.100	0.200	0.120	0.590	0.570 J	<0.100	<0.100	<0.100
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00100	<0.00100	<0.00250	<0.000500	<0.000500	<0.000500 B	<0.000500
Magnesium	42.41	mg/L	5.60	20.0	27.0	24.0	30.0	29.0 J	9.20	16.0	24.0
Manganese	0.171	mg/L	<0.0100	<0.0100	0.0430	0.0320	0.0460	0.0380	0.000430 J	<0.00250 B	0.00110 J
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00750 B	<0.0100	0.00120 J	0.000900 J	<0.0100	0.000440 J	0.00430 J	0.00230	0.00190 J
Potassium	2.15	mg/L	3.90 J	3.00 J	1.90	2.00	2.20 J	1.70	3.50	2.90	2.60
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.00250	<0.00250	<0.0130	<0.00250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	22.0	22.0	25.0	24.0 B	28.0	27.0 J	23.0	25.0	27.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200	<0.0200	0.00510 J	<0.0100	<0.100	<0.0200 B	<0.0200 B	<0.0200	<0.0200

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-12 09/28/10	GMPZ-12 03/30/11	GMPZ-12 09/20/11	GMPZ-12 03/20/12	GMPZ-12 09/18/12	GMPZ-12 03/19/13	GMPZ-12 09/25/13	GMPZ-12 09/29/14	GMPZ-12 03/18/15
Inorganics											
Aluminum	0.181	mg/L	<0.100	<0.100	<0.100	<0.100	<0.100	<0.0190	<0.100 B	<0.100	<0.100
Antimony	0.0025	mg/L	0.000830 J	<0.00300 B	<0.00300	<0.00300	<0.00300 B	0.00120 J	<0.00300	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.00950	0.00790	0.00980	0.00580	0.00600	0.00680	0.00710	0.00660	0.00660
Barium	0.0862	mg/L	0.240	0.260	0.350	0.270	0.320	0.300	0.340	0.300	0.290
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	0.000180 J	0.000200 J	<0.000500	<0.000500	<0.000500
Calcium	163.9	mg/L	18.0	4.80 J	8.20 J	15.0	78.0	45.0	39.0	57.0	54.0
Chloride	58.87	mg/L	<2.00 B	2.00	<2.00 B	4.30	1.00 J	1.10 J	2.20 J	<2.00	1.30 J
Chromium	0.0015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	<0.00100	0.000160 J	<0.00100 B	0.000200 J	0.000230 J	0.000420 J	<0.00100 B	0.000300 J	<0.00100
Copper	0.00211	mg/L	0.000560 J	<0.00200	<0.00200	0.000930 J	0.000730 J	<0.00200 B	<0.00200 B	<0.00200	0.00100 J
Cyanide	0.002	mg/L	<0.0100	<0.0100 B	<0.0100	<0.0100	<0.0100	<0.0100 B	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.0260 J	0.0440 J	0.0990 J	<0.100	<0.100	0.0480 J	0.0830 J	0.0570 J	0.0760 J
Lead	0.00068945	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000160	<0.000500 B	0.000100 J	0.000270 J
Magnesium	42.41	mg/L	33.0	29.0	29.0	27.0 J	29.0 J	28.0	29.0	26.0	28.0
Manganese	0.171	mg/L	0.00530	<0.00250 B	0.0490	0.0180	0.0270	0.00290	0.0590	0.0560	0.00660
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.00120 J	0.00120 J	<0.00200 B	<0.00200	0.00110 J	0.00120 J	<0.00200 B	<0.00200	0.00120 J
Potassium	2.15	mg/L	1.80	2.00	1.80	1.60	1.70	1.70	1.80	1.60	1.70
Selenium	0.0034	mg/L	<0.00250	<0.00250 B	<0.00250	<0.00250	<0.00250	<0.000250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	26.0	23.0	26.0	25.0	28.0	27.0	27.0	27.0	28.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00200 B	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	0.00550 J	0.00670 J	<0.0200	<0.0200	<0.0200	<0.00630	<0.0200 B	<0.00640 B	0.00600 J

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-12 09/23/16	GMPZ-12 03/14/17	GMPZ-12 09/24/18	GMPZ-12 03/27/19	GMPZ-13 03/14/95	GMPZ-14 03/10/95	GMPZ-15 03/10/95	GMPZ-16 03/10/95	GMPZ-18 03/10/95
Inorganics											
Aluminum	0.181	mg/L	<0.100	<0.100 J	<0.100 [<0.100]	<0.100	5.30	18.0	9.70	2.50	6.30
Antimony	0.0025	mg/L	<0.00300	<0.00300	<0.00300 [<0.00300]	<0.00300	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Arsenic	0.00204	mg/L	0.00430	0.00480	0.00330 [0.00350]	0.00460	0.0130	0.0140	0.0160	<0.0100	<0.0100
Barium	0.0862	mg/L	0.320	0.320	0.320 [0.340]	0.320	0.630	0.640	0.450	0.230	0.360
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100 [<0.00100]	<0.00100	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Cadmium	0.00064125	mg/L	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.000500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Calcium	163.9	mg/L	10.0	26.0	30.0 [31.0]	13.0	180	220	180	48.0	110
Chloride	58.87	mg/L	0.700 J	1.20 J	<2.00 [<2.00]	<2.00	NA	NA	NA	NA	NA
Chromium	0.0015	mg/L	<0.00500	<0.00500	<0.00500 [<0.00500]	<0.00500	0.0160	0.0400	0.0190	<0.0100	0.0150
Cobalt	0.00081582	mg/L	<0.00100	<0.00100	<0.00100 [<0.00100]	<0.00100	<0.0100	0.0190	0.0110	<0.0100	<0.0100
Copper	0.00211	mg/L	<0.00200	<0.00200	<0.00200 [<0.00200]	0.000670 J	<0.0250	0.0550	<0.0250	<0.0250	<0.0250
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100 [<0.0100]	<0.0100	<0.0100	<0.0100	0.0160	<0.0100	<0.0100
Iron	0.171	mg/L	<0.100	0.0350 J	<0.100 [<0.100]	<0.100	9.10	35.0	20.0	4.40	12.0
Lead	0.00068945	mg/L	0.000140 J	<0.000500	<0.000500 [<0.000500]	<0.000560 B	0.00860	0.0400	0.0160	<0.00500	0.00770
Magnesium	42.41	mg/L	27.0	28.0	27.0 [28.0]	27.0	21.0	83.0	59.0	29.0	42.0
Manganese	0.171	mg/L	0.0210	0.00850	0.0250 [0.0290]	<0.00340 B	0.200	0.960	0.550	0.130	0.270
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200 [<0.000200]	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.00200	0.000650 J	<0.00200 [0.000660 J]	0.000640 J	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400
Potassium	2.15	mg/L	1.60	1.60	1.60 [1.60]	1.60	8.00	7.40	5.40	3.70	3.90
Selenium	0.0034	mg/L	<0.00250	<0.00250	<0.00250 [<0.00250]	<0.00250	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	<0.000500	<0.000500	<0.000500 [<0.000500]	<0.000500	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Sodium	9.732	mg/L	26.0	27.0	25.0 [26.0]	29.0	19.0	20.0	22.0	39.0	14.0
Thallium	--	mg/L	<0.00200 J	<0.00200	<0.00200 [<0.00200]	<0.00200	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500 [<0.00500]	<0.00500	0.0150	0.0470	0.0250	<0.0100	0.0160
Zinc	0.0123	mg/L	<0.0200	<0.0200	<0.0200 [<0.0200]	<0.0200	0.0430	0.120	0.0510	<0.0200	0.0340

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-18 03/26/03	GMPZ-18 06/17/03	GMPZ-18 09/24/03	GMPZ-18 12/09/03	GMPZ-18 03/16/04	GMPZ-18 06/16/04	GMPZ-18 09/14/04	GMPZ-18 12/15/04	GMPZ-18 03/30/05	GMPZ-18 06/21/05
Inorganics												
Aluminum	0.181	mg/L	NA	<0.200	0.0300 B	0.0260 B	<0.200	<0.200	<0.200	0.0810 B	<0.200	<0.200
Antimony	0.0025	mg/L	<0.0200	<0.0200	<0.00300	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
Arsenic	0.00204	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Barium	0.0862	mg/L	NA	0.300	0.310	0.290	0.330	0.330	0.310	0.320	0.350	0.330
Beryllium	--	mg/L	NA	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
Cadmium	0.00064125	mg/L	NA	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Calcium	163.9	mg/L	NA	62.0	67.0	61.0	67.0	66.0	61.0	65.0	73.0	68.0
Chloride	58.87	mg/L	1.80	2.10	2.10 J	1.60 B	2.50	2.50	2.70	2.10	1.80 B	2.30
Chromium	0.0015	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cobalt	0.00081582	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00190 B	<0.00500	<0.00500
Copper	0.00211	mg/L	NA	0.00170 B	<0.0100	0.00170 B	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Cyanide	0.002	mg/L	<0.0100 J	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	NA	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0960	<0.0500	<0.100
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Magnesium	42.41	mg/L	NA	28.0	28.0	27.0	29.0	29.0	27.0	28.0	31.0	29.0
Manganese	0.171	mg/L	NA	0.0400	0.240	0.0120	0.0170	0.00900 B	0.00730 B	0.320	0.00480 B	0.0330
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.00280 B
Potassium	2.15	mg/L	NA	1.50	1.60 J	1.60	1.60	1.70	1.50	1.60	1.70	1.60
Selenium	0.0034	mg/L	NA	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Silver	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Sodium	9.732	mg/L	NA	17.0	16.0	15.0	16.0	16.0	15.0	15.0	17.0	17.0
Thallium	--	mg/L	NA	<0.0100	<0.0100	<0.00200	<0.00200 J	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00120 B	<0.00500
Zinc	0.0123	mg/L	NA	<0.0200	<0.0390	<0.0200	<0.0200	<0.0200	<0.0200	0.00490 B	<0.0200	<0.0200

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-18 09/13/05	GMPZ-18 03/29/06	GMPZ-18 09/21/06	GMPZ-18 03/20/07	GMPZ-18 09/12/07	GMPZ-18 03/13/08	GMPZ-18 09/23/08	GMPZ-18 03/26/09	GMPZ-18 09/28/09	GMPZ-18 03/30/10
Inorganics												
Aluminum	0.181	mg/L	<0.200	<0.200	<0.200	0.0270 J	<0.100	<0.500	<0.100	0.0390 J	<0.100	0.0280 J
Antimony	0.0025	mg/L	<0.00600	<0.00600	<0.00600	<0.00100	<0.00100	<0.00200	<0.00200	0.000580 J	<0.00200 B	0.000290 J
Arsenic	0.00204	mg/L	<0.0100	<0.0100	<0.0100	0.00410	0.00320	0.00480 J	0.00440	0.00490 J	0.00380	0.00530
Barium	0.0862	mg/L	0.310	0.300	0.310	0.330	0.310	0.370	0.340	0.330	0.300	0.350
Beryllium	--	mg/L	<0.00400	<0.00400	<0.00400	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.00200	<0.00200	<0.00200	<0.000500	0.000110 J	<0.00250	<0.000500	<0.000500	0.000190 J	0.000180 J
Calcium	163.9	mg/L	66.0 J	65.0	58.0	73.0 B	61.0 J	75.0	64.0 J	59.0	64.0	78.0
Chloride	58.87	mg/L	1.80 B	2.00 B	1.40 B	1.60 J	3.20 J	2.30	1.90 J	2.00	1.70 J	2.70 J
Chromium	0.0015	mg/L	<0.0100	<0.0100	<0.0100	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	<0.00500	<0.00500	<0.00500	<0.00100	0.000490 J	<0.00500	0.00100	<0.00100 B	0.000490 J	0.000580 J
Copper	0.00211	mg/L	0.0220	<0.0100	<0.0100	<0.00200	<0.00200 B	<0.0100	<0.00200	<0.00200	<0.00200	<0.00200
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	<0.100	<0.0500	<0.100	0.0290 J	<0.100	<0.500	0.0360 J	<0.100 B	0.0430 J	0.0870 J
Lead	0.00068945	mg/L	<0.00500	<0.00500	<0.00500	<0.00100	<0.00100	<0.00250	<0.000500	<0.000500 B	<0.000500 B	<0.000500
Magnesium	42.41	mg/L	29.0 J	28.0	27.0	31.0	25.0	34.0	33.0	30.0	27.0	33.0
Manganese	0.171	mg/L	<0.0100	0.0140	<0.0100	0.0140	0.160	0.0430	0.240	0.120	0.190	0.130
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	<0.0100	<0.0100	<0.0100	<0.00100	0.00110	<0.0100	0.00180 J	<0.00200 B	0.00160 J	0.00140 J
Potassium	2.15	mg/L	1.50	1.50	1.40	1.50	1.40	1.80 J	1.60	1.60	1.30	1.50
Selenium	0.0034	mg/L	<0.0100	<0.0100	<0.0100	<0.00250	<0.00250	<0.0130	<0.00250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.00500	<0.00500	<0.00500	<0.000500	<0.000500	<0.00250	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	17.0	15.0	14.0	17.0 B	14.0 B	18.0	19.0	18.0	16.0	17.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200 B	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	0.00740 B	<0.0200	0.0110 B	0.0120	<0.0100 B	<0.100	<0.0200 B	<0.0200	<0.0200	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-18 09/29/10	GMPZ-18 03/29/11	GMPZ-18 09/20/11	GMPZ-18 03/20/12	GMPZ-18 09/19/12	GMPZ-18 03/19/13	GMPZ-18 09/26/13	GMPZ-18 09/29/14	GMPZ-18 03/18/15
Inorganics											
Aluminum	0.181	mg/L	0.0200 J	<0.100	<0.100	<0.100	<0.100	<0.0190	<0.100 B	<0.100	<0.100
Antimony	0.0025	mg/L	0.000490 J	0.00300 B	<0.00300	<0.00300	<0.00300	0.000490 J	<0.00300	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.00420	0.00470	0.00420	0.00500	0.00630	0.00420	0.00460	0.00490	0.00660
Barium	0.0862	mg/L	0.300	0.320	0.320	0.300	0.300	0.300	0.310	0.320	0.330
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.000170	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	0.000290 J	<0.000500	0.000340 J	<0.000500	0.000170 J	0.000120 J	<0.000500	0.000490 J	<0.000500
Calcium	163.9	mg/L	62.0	67.0	73.0	59.0	83.0	70.0	65.0	76.0	77.0
Chloride	58.87	mg/L	2.50 J	2.60	<2.00 B	1.90 J	2.50	2.50	3.20 J	2.50	2.70
Chromium	0.0015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000640	<0.00500	0.000970 J	<0.00500
Cobalt	0.00081582	mg/L	0.000290 J	0.000270 J	<0.00100 B	0.000130 J	0.000190 J	<0.000130	<0.00100 B	<0.00100	0.000190 J
Copper	0.00211	mg/L	0.000540 J	<0.00200	0.000510 J	<0.00200	<0.00200	<0.000570	<0.00200 B	<0.00200	<0.00200
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.00330	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.0330 J	0.0460 J	0.0420 J	<0.100	<0.100	<0.0370	0.0180 J	0.170	0.0340 J
Lead	0.00068945	mg/L	0.000170 J	<0.000500	<0.000500	<0.000500	<0.000500	<0.000160	<0.000500	0.000110 J	<0.000500
Magnesium	42.41	mg/L	28.0	28.0	29.0	29.0 J	29.0 J	30.0	28.0	29.0	32.0
Manganese	0.171	mg/L	0.0580	0.0560	0.170	0.0420	0.0620	0.0240	0.0130	0.0380	0.0460
Mercury	0.00014	mg/L	<0.000200	<0.000200	<0.000200 B	<0.000200	<0.000200	<0.0000710	<0.000200	<0.000200	<0.000200
Nickel	0.00378	mg/L	0.000950 J	0.000970 J	0.00210 J	<0.00200	0.000970 J	0.000590 J	<0.00200 B	0.000900 J	0.000790 J
Potassium	2.15	mg/L	1.30	1.40	1.40	1.50	1.40	1.50	1.40	1.40	1.50
Selenium	0.0034	mg/L	<0.00250	<0.00250 B	<0.00250	<0.00250	<0.00250	<0.000250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.0000690	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	16.0	15.0	16.0	18.0	18.0	17.0	15.0	17.0	17.0
Thallium	--	mg/L	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.000270	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.000340	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	0.00850 J	0.00480 J	0.00680 J	<0.0200	0.00810 J	0.0100 J	<0.0200 B	<0.00670 B	<0.0200

Notes:
 Bolded values are detected.
 Bolded and shaded values are detected and greater than the upper tolerance limit.

Table 9
Analytical Results for Inorganics in Downgradient Wells and Comparison to the Upper Tolerance Limits

Location ID: Date Collected:	95UTL	Units	GMPZ-18 09/24/16	GMPZ-18 03/15/17	GMPZ-18 09/25/18	GMPZ-18 03/28/19
Inorganics						
Aluminum	0.181	mg/L	<0.100	<0.100 J	<0.100	<0.100
Antimony	0.0025	mg/L	<0.00300	<0.00300	<0.00300	<0.00300
Arsenic	0.00204	mg/L	0.00450	0.00470	0.00410	0.00470
Barium	0.0862	mg/L	0.330	0.320	0.320	0.360
Beryllium	--	mg/L	<0.00100	<0.00100	<0.00100	<0.00100
Cadmium	0.00064125	mg/L	<0.000500	<0.000500	<0.000500	<0.000500
Calcium	163.9	mg/L	55.0	61.0	61.0	64.0
Chloride	58.87	mg/L	2.30	2.70	2.70	3.10
Chromium	0.0015	mg/L	<0.00500	<0.00500	<0.00500	<0.00500
Cobalt	0.00081582	mg/L	0.000250 J	<0.00100	<0.00100	<0.00100
Copper	0.00211	mg/L	<0.00200	<0.00200	<0.00200	<0.00200
Cyanide	0.002	mg/L	<0.0100	<0.0100	<0.0100	<0.0100
Iron	0.171	mg/L	0.0300 J	<0.100 J	<0.100	<0.100
Lead	0.00068945	mg/L	<0.000500 J	<0.000500	<0.000500	<0.000500 B
Magnesium	42.41	mg/L	29.0	29.0	28.0	32.0
Manganese	0.171	mg/L	0.0450	0.00970	0.0150	<0.00330 B
Mercury	0.00014	mg/L	<0.000200	<0.000200	0.000210	<0.000200 J
Nickel	0.00378	mg/L	0.000600 J	<0.00200	<0.00200	0.000780 J
Potassium	2.15	mg/L	1.40	1.40	1.40	1.50
Selenium	0.0034	mg/L	<0.00250	<0.00250	<0.00250	<0.00250
Silver	--	mg/L	<0.000500	<0.000500	<0.000500	<0.000500
Sodium	9.732	mg/L	15.0	16.0	17.0	20.0
Thallium	--	mg/L	<0.00200 J	<0.00200	<0.00200	<0.00200
Vanadium	--	mg/L	<0.00500	<0.00500	<0.00500	<0.00500
Zinc	0.0123	mg/L	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Bolded values are detected.

Bolded and shaded values are detected and greater than the upper tolerance limit.

**Table 10. Results of Hypothesis Testing for Comparison of Downgradient Concentrations to Upgradient Concentrations
Lakeland Disposal Landfill, Claypool, Indiana. [a]**

Downgradient Wells:								
Constituent	GMMW-6	GMPZ-6	GMMW-7	GMPZ-7	GMMW-12	GMPZ-12	GMMW-19	GMMW-20
<u>Inorganics</u>								
Aluminum	>UTL g	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--
Arsenic	>UTL g	--	--	>UTL g	--	>UTL g	>UTL *	--
Barium	>UTL *	>UTL *	--	>UTL *	--	>UTL *	>UTL *	--
Beryllium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Cobalt	≤ UTL g	--	--	--	--	--	>UTL *	--
Copper	>UTL g	--	--	--	--	--	--	--
Iron	>UTL *	>UTL *	--	--	--	--	>UTL *	>UTL *
Lead	>UTL g	--	--	--	--	--	--	--
Magnesium	>UTL *	--	--	--	--	--	>UTL *	--
Manganese	>UTL *	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	>UTL *	--
Potassium	>UTL *	>UTL *	--	--	--	--	>UTL *	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Sodium	>UTL *	>UTL *	--	>UTL *	--	>UTL *	>UTL *	>UTL *
Thallium	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
Chloride	--	--	--	--	--	--	>UTL *	--
Cyanide	--	--	--	--	--	--	--	--

- > UTL Reject null hypothesis: The data are significantly greater than the upgradient data.
- ≤ UTL Do not reject null hypothesis: The data are less than or equal to the upgradient data.
- Most recent sample less than upgradient UTL or nondetect, therefore hypothesis testing was not performed.

[a] Selection of hypothesis test method dependent on frequency of detection and goodness-of-fit testing.
 [g] Gehan's test with 95% confidence coefficient (alpha = 0.05). (One or both datasets contained nondetects with multiple reporting limits).
 [t] Student t-test (pooled) with 95% confidence coefficient (alpha = 0.05). (Both upgradient and downgradient data 100% detected and normally distributed).
 [*] Hypothesis testing not performed because >75% of historic data exceeded the current UTL. If hypothesis testing was conducted the result would be to reject the null hypothesis.
 [†] Value exceeded UTL but background data was insufficient for hypothesis testing.

Table 11.

Results of Mann-Kendall Trend Tests ,Lakeland Disposal Landfill, Claypool, Indiana.

Constituent	Downgradient Wells:								Well: GMMW-13
	GMMW-6	GMPZ-6	GMMW-7	GMPZ-7	GMMW-12	GMPZ-12	GMMW-19	GMMW-20	
Inorganics									
Aluminum	▼	↔	▼	▼	↔	▼	▼	↔	↔
Antimony	↔	↔	↔	↔	↔	↔	↔	↔	↔
Arsenic	↔	▲	▲	▲	▲	▲	↔	↔	↔
Barium	▲	↔	↔	↔	▼	▲	▼	↔	↔
Beryllium	↔	ND	ND	ND	ND	ND	↔	ND	ND
Cadmium	↔	▲	↔	↔	↔	↔	↔	▲	▲
Calcium	▼	↔	↔	↔	▼	↔	▼	▼	↔
Chromium	▼	↔	▼	▼	↔	▼	↔	↔	▼
Cobalt	↔	↔	↔	↔	↔	↔	▲	▼	↔
Copper	↔	▲	↔	↔	↔	↔	↔	▲	↔
Iron	▼	▼	▼	▼	↔	▼	▼	↔	↔
Lead	↔	▲	↔	↔	↔	↔	↔	▲	↔
Magnesium	↔	↔	↔	↔	▼	▲	▼	▼	↔
Manganese	▼	▼	▼	▼	▼	↔	▼	▼	↔
Mercury	↔	↔	↔	↔	▼	▼	▼	↔	↔
Nickel	↔	↔	▲	↔	▼	▼	↔	▼	↔
Potassium	▼	▼	↔	▼	▼	▼	▼	▼	↔
Selenium	↔	↔	↔	ND	↔	ND	↔	↔	▲
Silver	ND	ND	ND	ND	↔	↔	ND	↔	ND
Sodium	▼	▲	↔	▲	▼	▲	▼	▼	▼
Thallium	ND	ND	ND	ND	↔	ND	ND	↔	ND
Vanadium	▼	↔	▼	▼	▼	▼	↔	↔	↔
Zinc	↔	▲	↔	↔	↔	↔	↔	↔	↔
Chloride	▼	▼	▼	↔	▼	▼	▼	▼	↔
Cyanide	↔	↔	↔	ND	↔	ND	↔	↔	↔

Notes:

Trend results symbolized as follows:

- ▲ Increasing trend (maximum detect greater than criteria, or no criteria available).
- △ Increasing trend (maximum detect less than criteria)
- ▼ Decreasing trend.
- ND All data were nondetect or insufficient data for trends (n<4).
- ↔ No statistically significant trend.

Shading indicates the most recent sample result exceeded the upgradient UTL.

Shading with solid black border indicates statistically higher than background UTL based on 1) most recent sample exceeded the UCL and 2) a majority of dataset is greater than the background UTL (i.e., > 75% of samples or confirmed by hypothesis testing).

Shading with dashed black border indicates a UTL that could not be statistically confirmed due to low frequency of detection.