

**Site-Specific Justification for the Partial Deletion from the National Priorities List  
of Operable Unit 1 (OU1) – Land/Soil Portion of Landfill Property and Adjacent Parcels  
Lake Sandy Jo Superfund Site, Gary, Indiana**

**October 2020**

**Purpose**

The U.S. Environmental Protection Agency (EPA) Region 5 is proposing to delete the land/soil portion of the Landfill Property and identified adjacent parcels of land in Operable Unit 1 (OU1) of the Lake Sandy Jo Superfund Site (Site)<sup>1</sup> from the National Priorities List (NPL). EPA proposed the Site to the NPL on December 30, 1982 and finalized the Site on the NPL on September 8, 1983. The NPL constitutes Appendix B of the National Oil and Hazardous Substances Pollution Contingency plan (NCP) found at 40 CFR part 300 *et. seq.* which the EPA promulgated pursuant to Section 105 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, as amended. The EPA maintains the NPL as those sites that appear to present a significant risk to public health, welfare, or the environment.

The property included in this partial deletion is shown in Figure 1 and listed in Table 1 of Appendix A. A map of the Landfill Property portion of the Site (the fenced area of the Site) is shown in Figure 2 in Appendix A. EPA is proposing to partially delete the Site from the NPL because EPA, in consultation with the Indiana Department of Environmental Management (IDEM) has determined that the required cleanup for these portions of the Site is complete and that no further action other than operation and maintenance (O&M), monitoring, long-term stewardship (LTS), and five-year reviews (FYRs), is necessary.

This will be a partial deletion action because the groundwater at the Site has not been fully cleaned up and the status of institutional controls (ICs) restricting land and groundwater use at some of the properties adjacent to the Landfill Property is being re-evaluated. The portions of the Site that will remain on the NPL include: (1) the property adjacent to the Landfill Property that is not included in this partial deletion, (2) the groundwater portion of OU1, (3) the marshy area and drainage ditches that shallow groundwater discharges to south of the Site, and (4) Operable Unit 2 (OU2), which involved connecting area residences to the municipal water supply.

The Indiana Department of Transportation (INDOT) property immediately south of the Landfill/fenced area still requires ICs and will also remain on the NPL. The INDOT property does not contain any waste material, however, an Environmental Restrictive Covenant (ERC) is needed to protect the integrity of Site groundwater monitoring wells located on this property and to prevent shallow groundwater from being used as a water supply.

This document provides EPA's justification for the proposed partial deletion action.

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<sup>1</sup> The Lake Sandy Jo Superfund Site is also known as the "M&M Landfill."

EPA expects to issue a Notice of Intent for Partial Deletion (NOIPD) (the proposed rulemaking) of the land/soil portion of the OU1 Landfill Property and adjacent parcels in the *Federal Register* in EPA's November 2020 NPL Deletions Update and will open a 30-day public comment period on this proposed action. EPA has placed pertinent Site documents that provide support for this report and the partial deletion action into the Lake Sandy Jo Site deletion docket which is available for review online at <https://www.regulations.gov>, Docket EPA-HQ-SFUND-1983-0002 and at EPA's webpage for the site at <https://cumulis.epa.gov/supercpad/cursites/csinfo.cfm?id=0501611>. See Appendix B for an index of the documents in the Site deletion docket.

Partial deletion of an OU or a portion of an OU of a site from the NPL does not create, alter, or revoke any individual's rights or obligations. Partial deletion of an OU or a portion of an OU from the NPL does not in any way alter EPA's right to take enforcement actions, as appropriate. The NPL is designed primarily for:

- informational purposes,
- assisting EPA management in identifying sites that appear to present a significant risk to public health or the environment, and
- guiding EPA in determining which sites warrant further investigative and/or response actions, if appropriate.

Section 300.425(e)(3) of the National Contingency Plan (NCP) states that a partial deletion of an OU or a portion of an OU from the NPL does not preclude eligibility for future response actions, should future conditions warrant such actions. As the Landfill Property and adjacent parcels are a portion of OU1 of the Lake Sandy Jo Superfund Site, Section 300.425(e)(3) is applicable to this proposed action.

### **Agency Concurrences**

EPA requested concurrence from IDEM to partially delete the land/soil portion of the OU1 Landfill Property and adjacent parcels from the NPL on July 15, 2020. IDEM issued a letter concurring with the proposed partial deletion on August 26, 2020. A copy of IDEM's concurrence letter is in Appendix C.

EPA Headquarters reviewed this Site-Specific Justification for Partial Deletion on July 20, 2020. Region 5 expects EPA Headquarters to propose the Site for partial deletion in EPA's November 2020 NPL Deletions Update

### **Community Involvement**

EPA and IDEM have satisfied public participation activities for the Site as required in CERCLA, Section 113(k), 42 U.S. C. 9613(k), and CERCLA Section 117, 42 U.S.C. 9617. EPA offered public comment periods or similar opportunities to participate during the development and implementation of the Site remedies, the proposed cleanup plans, and during the five FYRs. Additionally, EPA conducted public meetings to discuss Site cleanup progress and maintains a

local information repository at the Gary Public Library and Cultural Center, 220 W. 5th Avenue, Gary, Indiana, where residents may review Site information.

The documents that EPA relied on for this partial deletion proposal for the land/soil portion of the OU1 Landfill Property and adjacent parcels from the NPL are in the Site deletion docket and are available to the public online at <https://www.regulations.gov>, Docket EPA-HQ-SFUND-1983-0002 and on EPA's webpage for the Site at <https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0501611>. EPA will publish a notice of availability of the NOIPD and of the start of the 30-day public comment period in the *Northwest Indiana Times* concurrent with the publication of the NOIPD in the *Federal Register* to satisfy public participation procedures required by Section 300.425(e)(4) of the NCP.

## **Site Background and History**

### **Location/Project Organization**

The Lake Sandy Jo Superfund Site (CERCLIS ID No. IND980500524) is at 3615 West 25th Avenue, Gary, Lake County, Indiana (*see* Figure 3 in Appendix A). The Site is bordered to the north by a residential area in southeastern Gary. It is bordered on the west by Morton Street, on the east by Chase Street, on the north by 25th Avenue, and on the south by Interstate-80/94. The Site is divided into two OUs, with OU1 addressing the landfill, sediment, and groundwater and OU2 addressing the connection of area residences to the municipal water supply.

Initially, EPA was the lead agency and IDEM served as the support agency at the Site. EPA conducted a remedial investigation and feasibility study (RI/FS), the remedial designs, and the remedial action phases of the project using federal funding. IDEM is now the lead agency and conducts the O&M activities and leads the periodic FYRs with EPA oversight.

### **NPL Listing**

EPA proposed the Site for inclusion on the NPL on December 30, 1982 (47 FR 58476) and formally added the Site to the NPL on September 8, 1983 (48 FR 40658).

### **History of Contamination**

The 50-acre Site includes a former 40-acre borrow pit that had been dug for material to support the construction of Interstate-80/94 in the 1960s. Later, the pit filled with groundwater and the resultant "lake" was used recreationally by local residents. In 1971, the pit/lake began to be used as a landfill. Over the next nine years, the pit/lake was filled with mostly construction and demolition debris. Although no records exist, it was suspected that industrial wastes, municipal wastes, and drummed wastes were also dumped at the Site. As much as eighty percent of the waste and debris is estimated to be located below the water table in the shallow Calumet aquifer, a local, albeit poor quality source of drinking water. Following complaints of odors by area residents, the local health department investigated the Site. Eventually the Site was closed by the State and then listed on the NPL because the shallow aquifer was a local source of drinking water.

## **Initial Response Actions**

In April 1986, during the RI/FS (*see* next section), EPA conducted an immediate removal action to prevent people from coming into direct contact with contaminated surface soil and sediment at the Site. EPA used federal funding to construct a 6-foot high chain-link security fence around the landfill.

## **RI/FS**

EPA completed a RI/FS in September 1986. The RI found elevated levels of polycyclic aromatic hydrocarbons (PAHs) and heavy metals in surface soil and in the sediment in area drainage ditches. The RI also found low levels of volatile and semi-volatile organic compounds (VOCs and SVOCs) and metals in Site area groundwater (*see* Figures 4 and 5 in Appendix A). Benzene exceeded a primary drinking water standard in on-Site monitoring wells. Area residential wells were sampled but only exceeded secondary drinking water standards for taste and odor. However, the RI determined that Site-related contaminants could impact these residential wells in the future.

## **1986 Record of Decision (ROD)**

EPA issued a final ROD for the Site on September 26, 1986 based on the findings of the RI/FS. The ROD called for implementing the following remedial components:

- installing a 2-foot soil cover over the landfill with a drainage blanket to control surface seeps;
- attaching immediate area residences to a municipal water supply and abandoning their private wells;
- excavating the impacted sediment from the drainage ditches and consolidating it under the soil cover;
- conducting surface water/sediment monitoring and long-term groundwater monitoring; and
- placing “deed restrictions” on the landfill property and implementing “institutional controls” to restrict area groundwater use.

The deed restrictions were to be placed on the Landfill Property and adjacent parcels to:

- prevent future development of the land,
- protect against direct contact with contaminants, and
- prevent the migration of contaminants that could result from Site excavation during redevelopment or reuse.

The ICs were meant to prohibit the use of groundwater and the installation of shallow wells on-Site and in the areas to be provided with a municipal water supply.

## **Remedial Design (RD) and Remedial Action (RA)**

After signing the ROD, EPA divided the Site into two OUs for RD and RA purposes. Because no viable potentially responsible parties could be identified, EPA funded and performed the RA work with the required cost share from IDEM.

Begun in 1988 and completed in December 1990, the OU1 work consisted of (*see* Figures 6 to 8 in Appendix A):

- constructing a 2-foot soil cover over the landfill,
- excavating impacted sediment and consolidating it under the cover, and
- installing Site-area groundwater monitoring wells for long-term groundwater monitoring.

In order to maintain soil stability and provide erosion control, a permanent vegetative cover with prairie grass was established and is maintained on the soil cover.

The OU2 RA consisted of the extension of municipal water mains to provide an alternate water supply to about 60 area residences likely to be affected by groundwater contamination attributed to the Site. When the OU2 RA was completed in September 1994, 32 residences had been connected to the water supply. Residents of 18 homes chose not to be connected to the water supply system, but the mains were constructed to allow their quick connection later if requested. Fourteen residences were found to be abandoned and received no connection.

EPA completed a Preliminary Close Out Report for the Site on September 20, 1994.

As discussed below, ICs consisting of Declarations of Restrictive Covenants (DRCs) and ERCs have been recorded for the Landfill Property and the adjacent parcels included in this partial deletion.

## **Explanation of Significant Differences (ESD)**

In October 2008, EPA issued an ESD to the 1986 ROD. The ESD modified the remedial approach, which essentially had prevented future redevelopment or reuse of the Site, to allow for limited future recreational or commercial use of the Landfill Property and adjacent parcels with prior notification and approval from EPA and IDEM. However, to that end, a developer is required to: 1) pay for any technical evaluations and site-engineering costs to allow for any future recreational/limited commercial use and 2) ensure that the integrity of the landfill cover is maintained in accordance with the ROD.

The ESD also discussed the City of Gary (City) city-wide Ordinance 2006-56/7930, "Amended Ground Water Ordinance Restricting Usage" dated July 3, 2006 and suggested that an additional groundwater ordinance was needed to enhance protectiveness. The additional ordinance would be implemented by the City for the area bounded by 23rd Avenue to the north, Morton Street to the west, Waite Street to the east, and by 28th Avenue to the south. The ordinance would prohibit

any installation of wells, regardless of use, and close any existing potable wells. The ordinance or another mechanism should also close any non-potable wells.

## **ICs**

The Landfill Property and adjacent property covers all or part of 56 parcels of land. The majority of the Landfill Property is owned by the City of Gary. DRCs and ERCs restricting land and groundwater use have been recorded for the parcels of land comprising the Landfill Property and the adjacent parcels included in this partial deletion (*see* Figure 1 and Table 1 in Appendix A). The DRCs and ERCs:

- Prohibit future use of the property that is incompatible with the remedial actions in place, including residential use;
- Allow for recreational use or commercial use on the property, with prior notification to and approval from EPA and IDEM;
- Prevent the installations of wells into the aquifer (except for monitoring);
- Prohibit interference with the remedy; and
- Ensure proper maintenance of the landfill cover and fencing.

Copies of the DRCs and ERCs implemented for the Landfill Property and the adjacent parcels included in this partial deletion are available in the deletion docket (*see* Appendix B for an index of the documents included in the Site deletion docket). EPA and IDEM will evaluate whether the existing ICs for the remaining parcels of property adjacent to the landfill that are not included in this partial deletion are adequate during the upcoming FYR for the Site, which is due in July 2021. The City of Gary Redevelopment Commission (GRC) is seeking redevelopment opportunities which are not inconsistent with the ICs. GRC is currently performing title work of the area to identify all deeds including ICs. If any questions remain, then EPA may also undertake title work as part of the upcoming FYR.

The July 3, 2006 Amended Groundwater Ordinance Restricting Usage No. 7930 was signed into law and is in effect but has not been included in the City's recent recodification of ordinances and is not posted on the City's website. EPA and IDEM will reevaluate Site ICs restricting groundwater use during the upcoming FYR, including whether groundwater use restrictions are still warranted; what, if any, groundwater use restrictions should be required (e.g., can some groundwater uses be permitted); and whether the current ICs for groundwater use are adequate.

IDEM's contractor inspects the Site semi-annually to ensure LTS and to confirm that ICs are being complied with for the Landfill Property and adjacent parcels. IDEM's contractor also conducts groundwater sampling annually. If any O&M is required, IDEM authorizes their contractor to get that work done. EPA issued a Sitewide Ready for Anticipated Use determination for the Lake Sandy Jo Site on September 28, 2016.

## **OU1 O&M**

IDEM began O&M activities for OU1 in February 1994. The OU1 O&M consists of regular Site inspections, soil cover maintenance, maintaining the perimeter fence around the Landfill

Property, and periodic groundwater monitoring. Based on the RI, the contaminant plume was defined by monitoring well and residential well locations having groundwater sample results greater than background concentrations (*see* Figure 5 in Appendix A). Groundwater monitoring indicates that groundwater flow is generally to the south. IDEM continues to conduct O&M at the Site in accordance with the 1996 O&M Manual for the Site that is regularly updated in consultation with EPA.

IDEM initially conducted groundwater and surface water monitoring on a quarterly basis. Groundwater was sampled for VOCs, SVOCs, and inorganic parameters. Surface water was sampled for VOCs and SVOCs. As conditions stabilized and contaminant levels declined, the agencies agreed to eliminate the requirement for surface water sampling. In 2004, the agencies eliminated SVOCs and inorganic parameters from the groundwater sampling program and reduced the frequency of the groundwater sampling to semi-annual sampling for VOCs. By 2015, with most contaminant levels remaining below action levels, the groundwater sampling frequency was changed to annual sampling.

The groundwater is currently monitored annually for VOCs. Benzene<sup>2</sup> levels in a few monitoring wells along the southeast perimeter of the Site remain above the Maximum Contaminant Level (MCL) primary drinking water standards established under the Safe Drinking Water Act (monitoring wells MW-06, MW-14 and MW-15 in 2018 and MW-06 and MW-023R in 2019; *see* Figure 9 and Table 2 in Appendix A). However, the contaminated groundwater is not used as a water supply. MW-06 is located on property that is covered by a September 6, 1995 DRC (SEMS Document ID 263446) which prohibits groundwater use. MW-14 and MW-15 are located on INDOT's property between the Site and Interstate-80/94 which is not used to supply water. MW-23 is located in the Jennings Street right-of-way which is also not used as a water supply. *See* Figures 1, 10, and Table 2 in Appendix A.

The most recent groundwater monitoring was conducted at the Site in 2019. Those results are summarized in Table 2 in Appendix A and are available in the October 21, 2019 *Analytical Results for Lake Sandy Jo* report which is in the deletion docket. *See* Attachment B.

### **Five-Year Reviews (FYR)**

EPA conducts FYRs at sites to determine whether a cleanup remedy remains protective of human health and the environment. Statutory FYRs are required when hazardous substances, pollutants, or contaminants are left onsite above levels that allow for unlimited use and unrestricted exposure (UU/UE). The review methods, findings, and conclusions are documented in FYR reports. EPA identifies any site issues found during the review in the FYR report with recommendations to address the issues.

To date, EPA has conducted five FYRs of the remedial actions implemented at the Lake Sandy Jo Site. These reviews are statutory reviews and are required because hazardous substances, pollutants or contaminants remain at the Site above levels that allow for UU/UE. EPA completed the fifth FYR for the Site on July 14, 2016 (SEMS Document ID 508827). IDEM and EPA will complete the sixth FYR at the Site by July 14, 2021.

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<sup>2</sup> EPA suspects that an adjacent junk yard may be contributing to the benzene exceedances.

EPA's 2016 FYR determined that the remedy at OU1 for the Site currently protects human health and the environment because it is functioning as designed. The landfill is fenced with posted signs and the landfill cover is in good condition. Most of the ICs are in place in the form of both proprietary controls (i.e., DRCs and ERCs) and governmental controls (i.e., zoning and groundwater use ordinances). IDEM's contractor inspects the Site semi-annually to ensure that the remedy is functioning as intended and to ensure LTS to confirm that the ICs are being complied with for the Landfill Property and adjacent parcels. IDEM's contractor also collects annual groundwater samples for VOC analysis.

The 2016 FYR noted that a few actions still need to be taken to ensure long-term protectiveness: work with INDOT to finalize and record an ERC on its property and explore working with the City of Gary to possibly enhance the groundwater ordinance or consider other IC enhancements; amend the O&M Plan to incorporate LTS procedures; and complete fence repair.

IDEM completed the fence repairs in September 2016. EPA and IDEM will reevaluate whether the current ICs for groundwater and for land and groundwater use on the property adjacent to the Landfill Property that is not included in this partial deletion are adequate. EPA and IDEM will make recommendations for LTS procedures for these portions of the Site during the upcoming FYR. As mentioned above, the next FYR is due in July 2021.

### **Determination that the Site Meets the Criteria for Deletion**

EPA consulted with IDEM on the proposed partial deletion of the land/soil portion of the Landfill Property and adjacent parcels of OU1 from the NPL. EPA has determined that remedial actions have been implemented to achieve the degree of cleanup or protection for the land/soil portion of the Landfill Property and adjacent parcels as specified in the September 26, 1986 ROD and as modified by the October 22, 2008 ESD. Further, upon completing the most recent FYR at the Site in 2016, EPA and IDEM determined that the response actions taken for the land/soil portion of the Landfill Property and adjacent parcels are protective of public health and the environment and, therefore, taking additional remedial measures for the land/soil portion of the Landfill Property and adjacent parcels, other than continued O&M, monitoring, and FYRs, is not appropriate.

All selected removal and remedial action objectives and associated cleanup goals for the land/soil portion of the Landfill Property and adjacent parcels are consistent with Agency policy and guidance. The proposed partial deletion meets the completion requirements as specified in OSWER Directive 9320.2-22, *Close Out Procedures for National Priorities List Sites (May 2011)*. Because all response activities for the land/soil portion of the Landfill Property and adjacent parcels are complete and they pose no unacceptable risk to human health and the environment, EPA, in consultation with IDEM, has determined that no further response is necessary for the land/soil portion of the Landfill Property and the identified adjacent parcels portion of OU1 other than continued O&M, monitoring, and FYRs.

Appendix A

Figures and Tables:

Figure 1 – Parcels Included in Partial Deletion

Figure 2 – Landfill Property/Fenced Area

Figure 3 – Site Location

Figure 4 – Site Groundwater Flow System

Figure 5 – Extent of Groundwater Contamination

Figure 6 – Soil Cover

Figure 7 – Cross-Section of Landfill Remedy

Figure 8 – Post-Construction Monitoring Well and Surface Water/Sediment Sampling Locations

Figure 9 – Groundwater Sampling Results (2018)

Figure 10 – Parcel Map of Landfill Property/Fenced Area and Monitoring Well Locations

Table 1 – Properties Included in Partial Deletion and Applicable Institutional Controls

Table 2 – 2019 Groundwater Monitoring Data

Appendix B

Docket Reports Index, Partial Deletion of Landfill Area, Lake Sandy Jo Superfund Site, September 2020.

Appendix C

IDEM Letter RE: Partial Deletion of OU1 – Land/Soil Portion of Landfill Property and Adjacent Parcels, Lake Sandy Jo Superfund Site, Gary, Indiana

Approved by:

10/6/2020

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Douglas Ballotti, Director  
Superfund & Emergency Management Division  
Signed by: DOUGLAS BALLOTTI

US EPA, Region 5

**APPENDIX A**  
**FIGURES AND TABLES**



# FIGURE 2

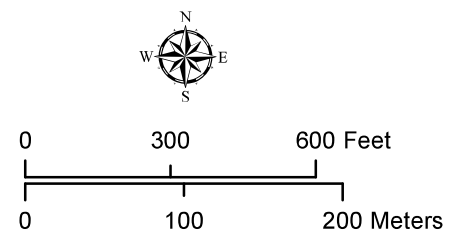
## Lake Sandy Jo Site Monitoring Well Locations

3615 W. 25th Ave., Gary, Lake County, Indiana, EPA ID: IND980500524



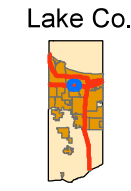
**Non Orthophotography Data**  
 Source: State of Indiana Geographic Information Office Spatial Database Engine, AECOM, IDEM contractor, used GPS units to collect the monitoring well location coordinates in October 2011 and May 2012. The coordinates were submitted to IDEM. Sample numbers were verified by IDEM Project Manager and three sample numbers were corrected. The location coordinates were entered into IDEM's SampDB. IDEM collected the fence boundary coordinates using GPS. MW-003 and MW-004 were damaged and abandoned the week of July 29, 2013.

**Orthophotography**  
 Source: Indiana Map Framework Data, 2005 Orthophotography. ([www.indianamap.org](http://www.indianamap.org))  
 Map Projection: UTM Zone 16 N  
 Map Datum: NAD83



● Monitoring Well Location (GPS\* AECOM)  
 Lake Sandy Jo Fence (GPS\* - IDEM)

\*GPS = Global Positioning System



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

**Mapped by** Lorraine Wright  
**Date:** Spetember 03, 2013



Lake Sandy Jo (M&M Landfill)  
Lake County, IN

IND980500524



State



County



Site

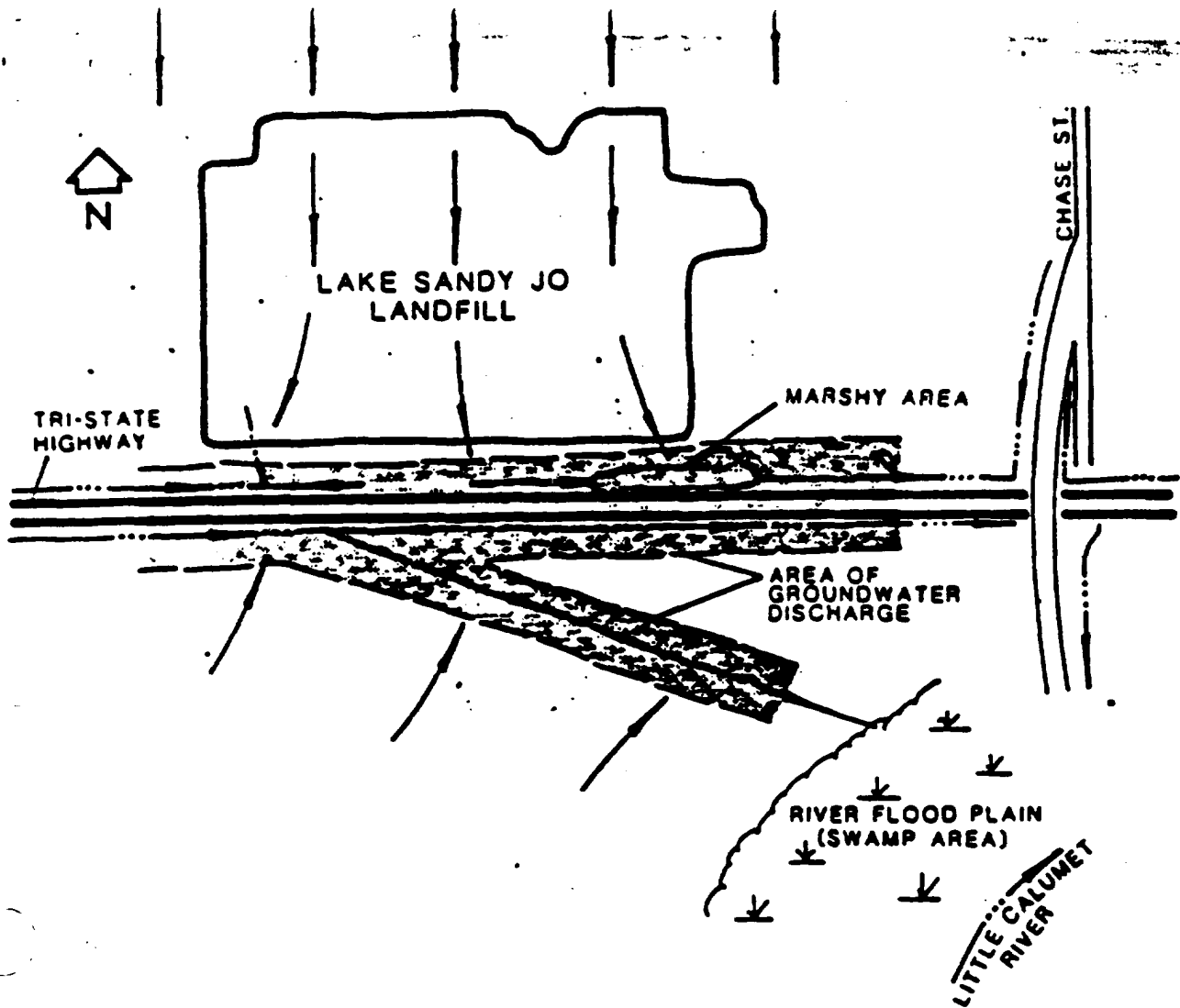
**Legend**  
Lake Sandy Jo Boundary

Created by Sarah Backhouse  
U.S. EPA Region 5 on 9/13/06  
Image Date: 2005

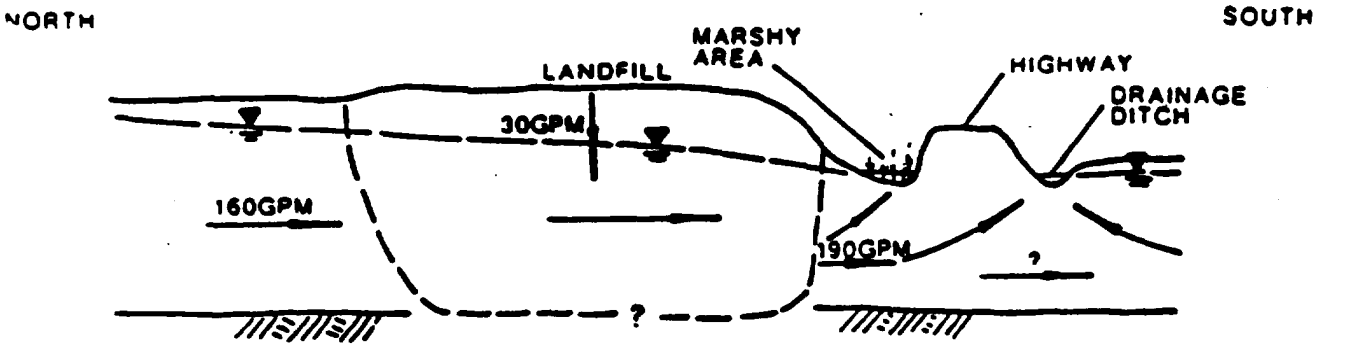


FIGURE 3





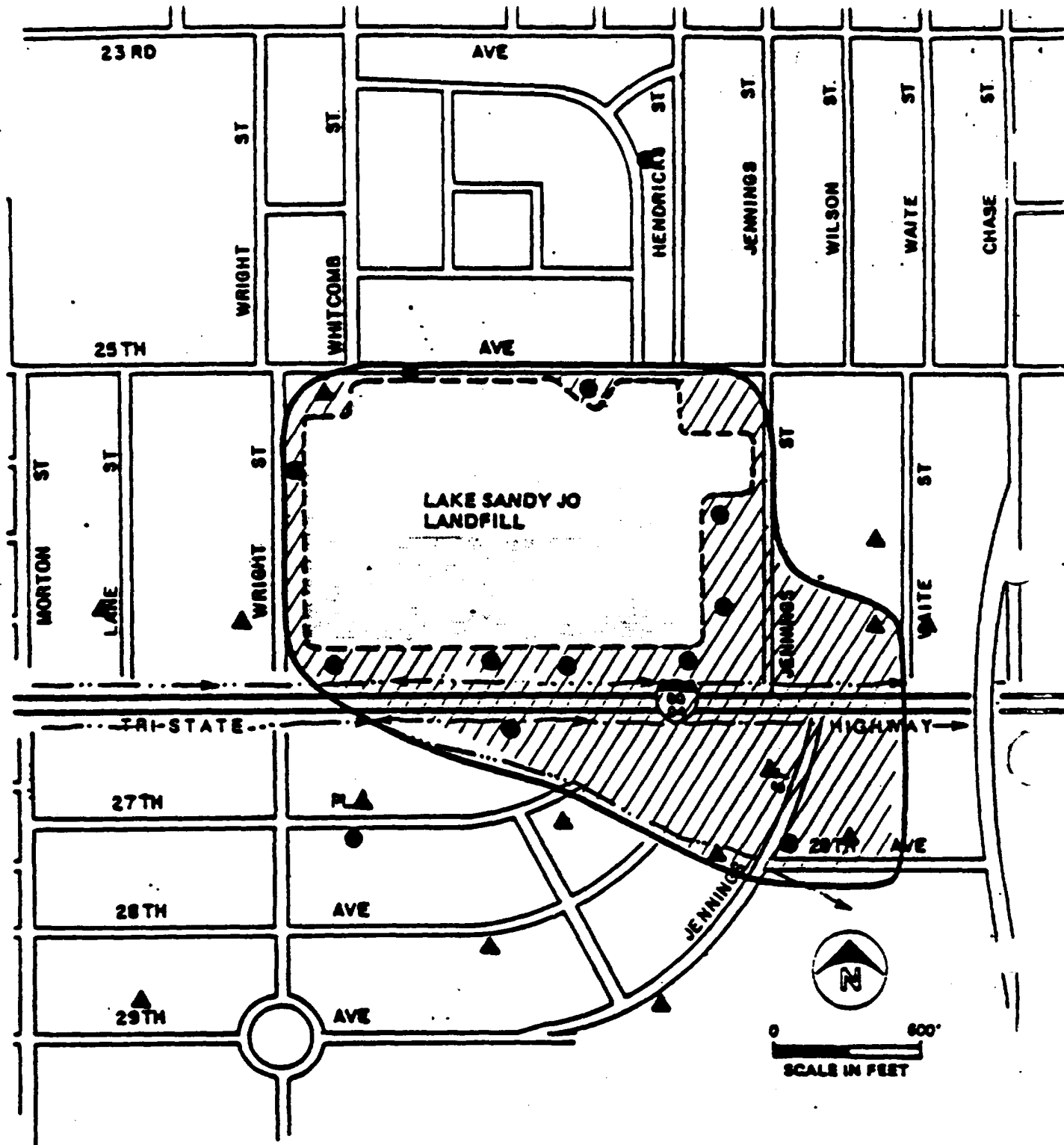
**PLAN VIEW**  
NOT TO SCALE



**PROFILE**  
NOT TO SCALE

- LEGEND**
- DIRECTION OF SURFACE WATER FLOW IN DRAINAGE DITCH
  - DIRECTION OF GROUNDWATER FLOW
  - WATER TABLE

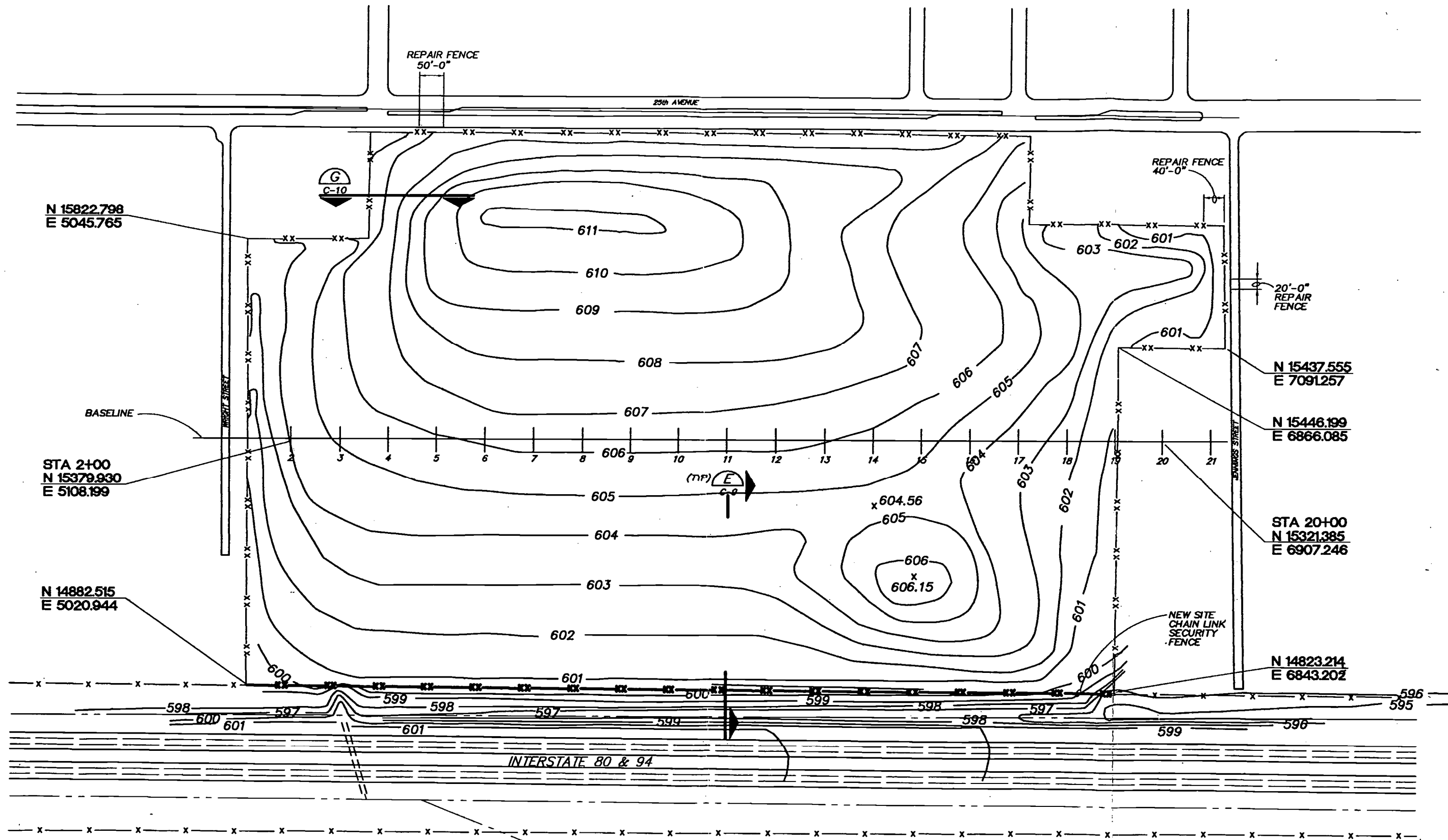
**FIGURE 4**  
**SITE GROUNDWATER FLOW SYSTEM**  
**LAKE SANDY JO FS**



**LEGEND**

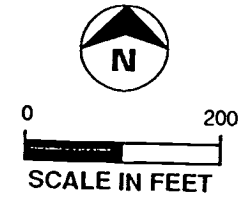
- APPROXIMATE LOCATION OF MONITORING WELL OR WELL PAIR IN CALUMET AQUIFER
- ▲ APPROXIMATE LOCATION OF SAMPLED RESIDENTIAL WELL IN CALUMET AQUIFER
- - - APPROXIMATE LOCATION OF DRAINAGE DITCHES
- ////// AREA OF CALUMET AQUIFERS PRESENTLY AFFECTED BY CONTAMINANTS FROM LANDFILL THE BOUNDARY ENCOMPASSES WELLS FROM WHICH SAMPLES WITH CONCENTRATIONS GREATER THAN BACKGROUND WERE OBTAINED.

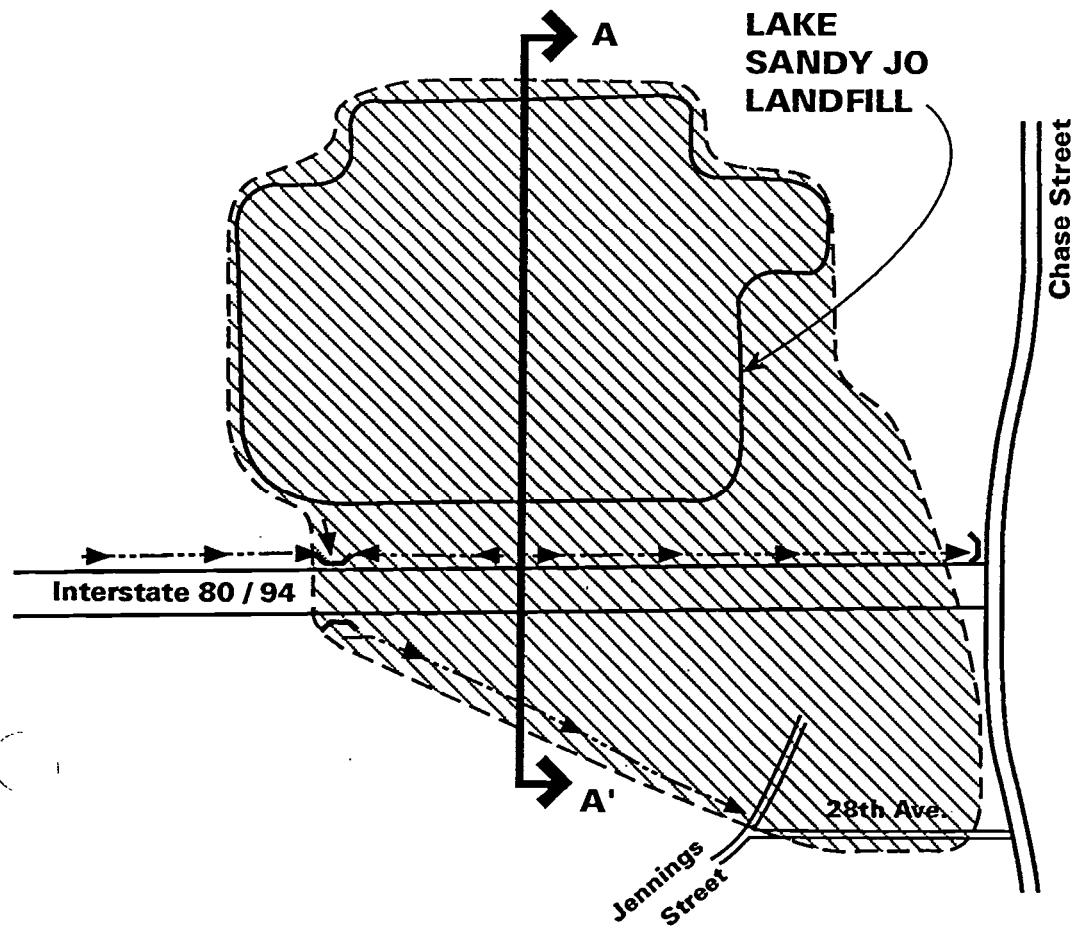
**FIGURE 5**  
**EXTENT OF CONTAMINATIO**  
**GROUNDWATER**  
**LAKE SANDY JO FS**



**SITE GRADING PLAN**

**FIGURE 6**  
**TOPOGRAPHY OF**  
**SOIL COVER**  
 LAKE SANDY JO LANDFILL  
 O & M MANUAL





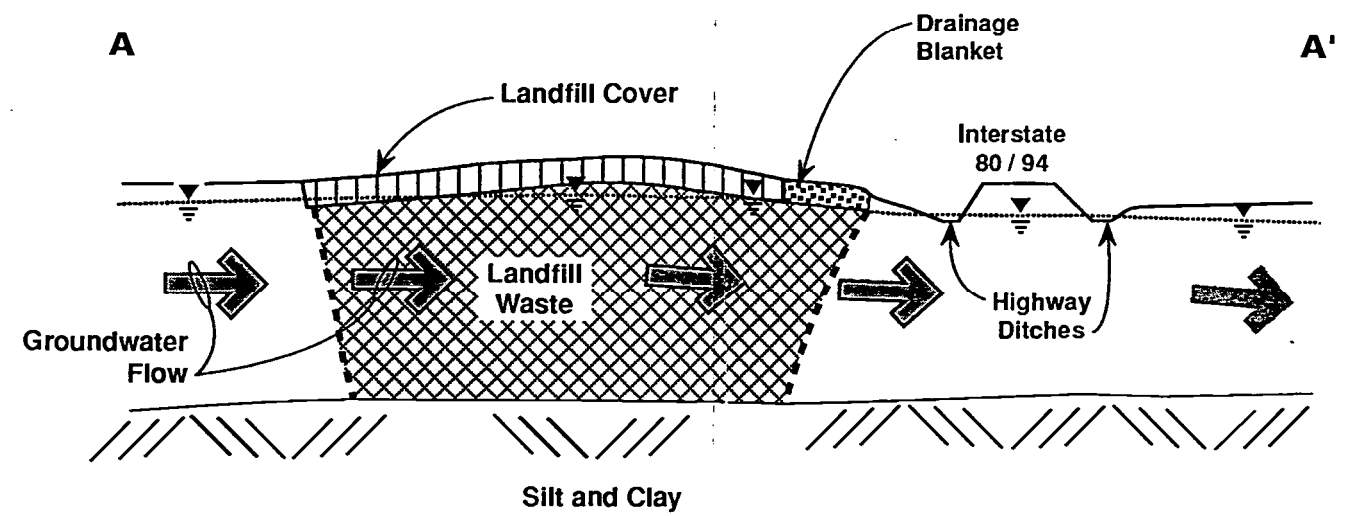
**PLAN**  
Not To Scale



**LEGEND**



AREA OF SITE RELATED  
CONTAMINATION



**SECTION A - A'**  
Not To Scale

**FIGURE 7**

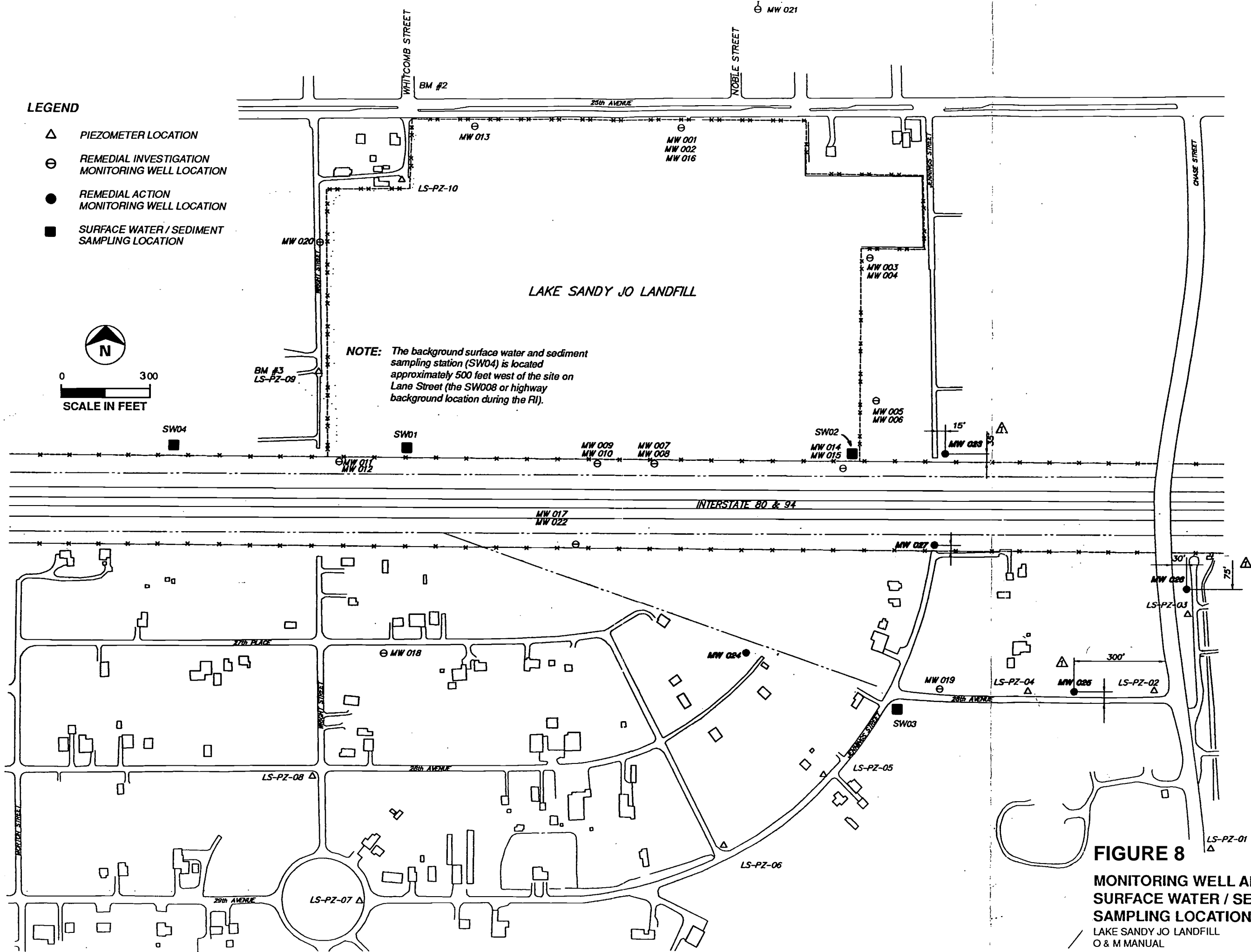
SITE RELATED CONTAMINATION  
AND GROUNDWATER FLOW SYSTEM  
LAKE SANDY JO LANDFILL  
O & M MANUAL

**LEGEND**

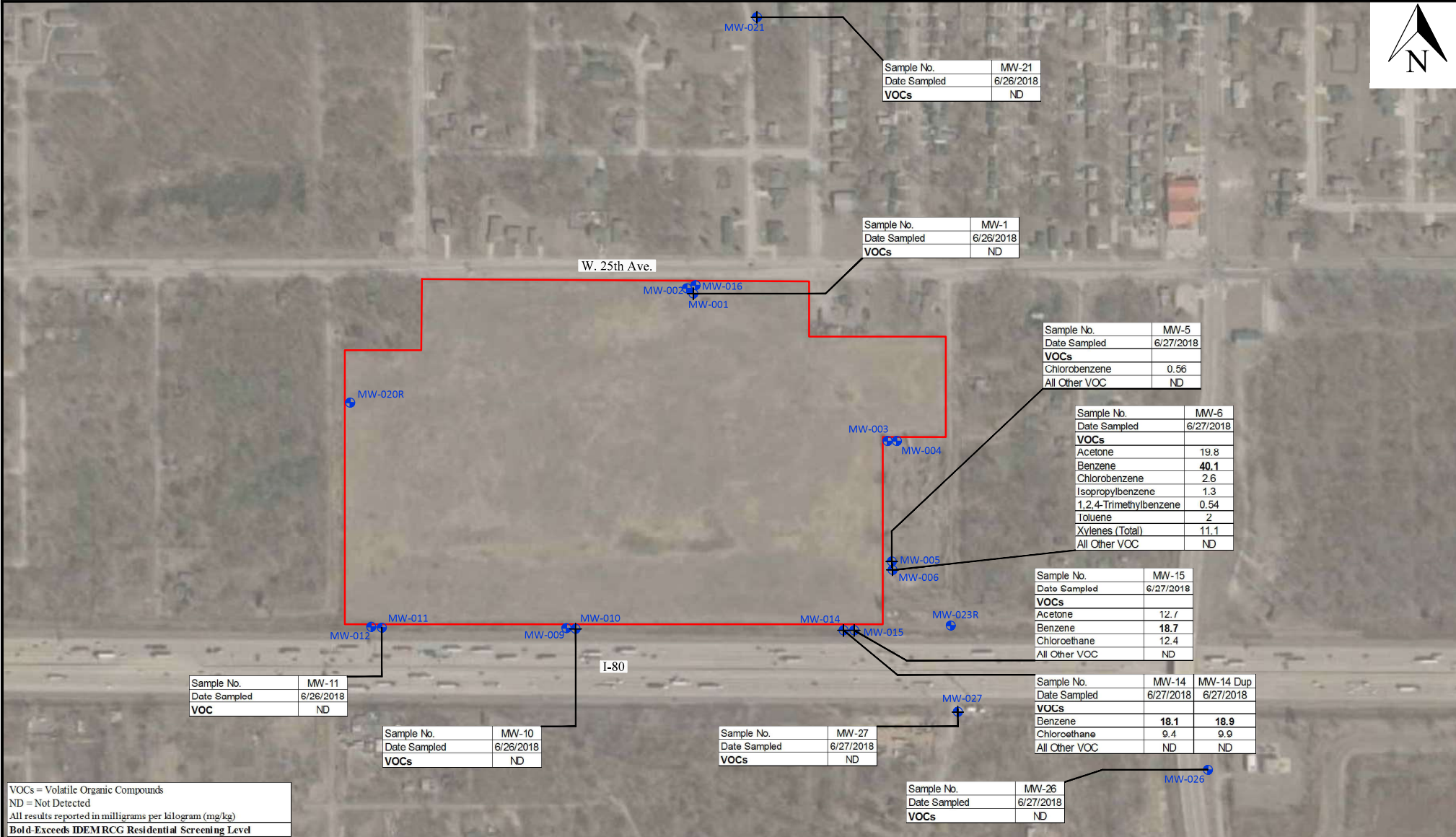
- △ PIEZOMETER LOCATION
- ⊖ REMEDIAL INVESTIGATION MONITORING WELL LOCATION
- REMEDIAL ACTION MONITORING WELL LOCATION
- SURFACE WATER / SEDIMENT SAMPLING LOCATION



0 300  
SCALE IN FEET

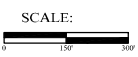


**FIGURE 8**  
**MONITORING WELL AND**  
**SURFACE WATER / SEDIMENT**  
**SAMPLING LOCATIONS**  
 LAKE SANDY JO LANDFILL  
 O & M MANUAL



VOCs = Volatile Organic Compounds  
 ND = Not Detected  
 All results reported in milligrams per kilogram (mg/kg)  
**Bold-Exceeds IDEMRCG Residential Screening Level**

**LEGEND**  
 Approximate Site Boundary - Lake Sandy Jo Fence  
 Monitoring Well Location



Project: Lake Sandy Jo Superfund Site  
 3615 W. 25th Avenue  
 Gary, Indiana

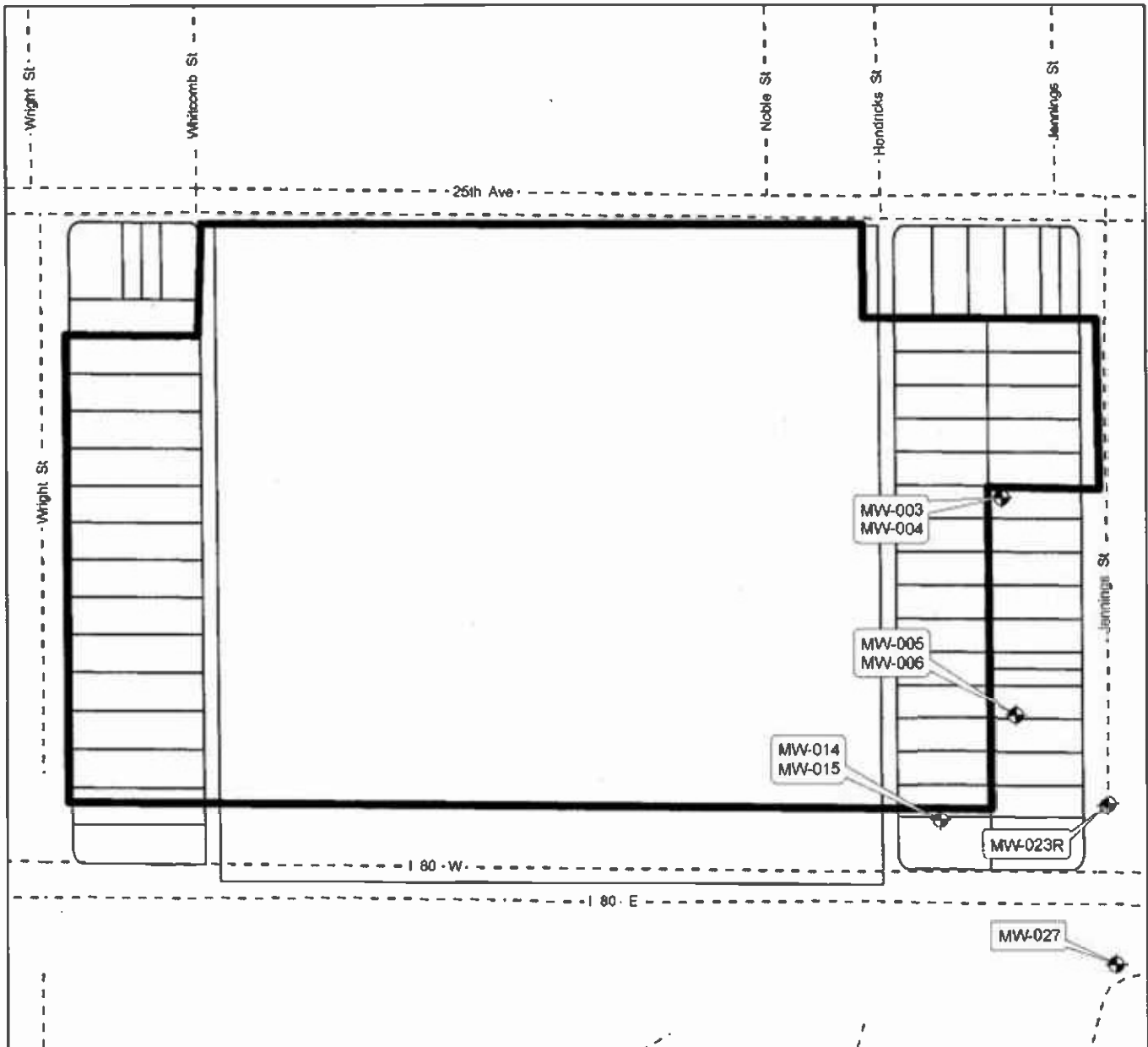
Project Number: 15332C	Drawn By: S. Grady
Date: August 15, 2018	Approved By: S.J.
	File No. 15332 site

**FIGURE 9**  
 Groundwater Analytical  
 Results Map  
 August 15, 2018

G:\CLIENTS\IDEM\15332 - Lake Sandy Jo Superfund Site - O&M Field Services\QA\PP\Figures

# FIGURE 10

## Site Map - Lake Sandy Jo Site, (M & M Landfill) - EPA ID IND980500524




**Mapped By:** Mike Hill, IDEM, Office of Land Quality,  
Science Services Branch,  
Engineering & GIS Services, December 19, 2011

**Sources:** -Chain link fence GPS data collection by IDEM personnel  
on 4-12-11. GPS locations were collected using Trimble  
GeoXH handheld GPS units with H-Star technology.  
During GPS data collection both code and carrier phase  
data were collected. The collected data was post processed.

-Monitoring well GPS data collection by AECOM on 5-27-11  
during sampling event.

**PLSS Info:** Section 18, T36N, R8W  
Calumet Township  
Lake County, IN

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

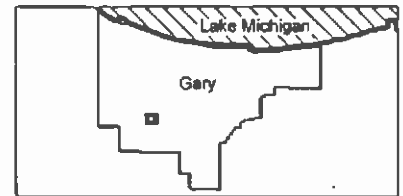
-  Chain Link Fence
-  Monitoring Well
-  Street Centerline
-  Parcel Line



Lake County



Project Area



**TABLE 1**  
**PROPERTY INCLUDED IN NPL PARTIAL DELETION**  
**AND APPLICABLE INSTITUTIONAL CONTROLS**  
**LAKE SANDY JO SUPERFUND SITE**

PIN	OWNER	INSTITUTIONAL CONTROL	DATE RECORDED	SEMS DOCUMENT ID NO.
45-08-18-328-015.000-003	[REDACTED]	DRC	3/19/2001	05-2002909
45-08-18-328-016.000-003	[REDACTED]	DRC	3/19/2001	05-2002909
45-08-18-328-017.000-003	[REDACTED]	DRC	3/19/2001	05-2002909
45-08-18-328-018.000-003	[REDACTED]	DRC	3/19/2001	05-2002909
45-08-18-426-026.000-003	[REDACTED]	ERC	3/21/2013	05-958824
45-08-18-328-004.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-328-006.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-328-007.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-328-008.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-328-009.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-328-010.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-328-011.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-328-012.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-328-013.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-328-014.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-401-001.000-003	City of Gary	ERC	1/30/2012	05-958823
45-08-18-426-021.000-003	City of Gary	DRC	8/17/1995	05-2002910
45-08-18-426-007.00-0003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-008.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-009.000-003	[REDACTED]	ERC	4/5/2013	05-2002911
45-08-18-426-010.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-011.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-012.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-013.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-014.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-015.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-016.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-017.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-018.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-019.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-020.000-003	[REDACTED]	ERC	3/22/2013	05-958825

45-08-18-426-022.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-023.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-024.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-025.000-003	[REDACTED]	ERC	3/22/2013	05-958825
45-08-18-426-033.000-003	[REDACTED]	DRC	9/6/1995	05-263446
45-08-18-426-034.000-003	[REDACTED]	DRC	9/6/1995	05-263446
45-08-18-426-035.000-003	[REDACTED]	DRC	9/6/1995	05-263446

**NOTES:**

DRC - Declaration of Restrictive Covenant

ERC - Environmental Restrictive Covenant

SEMS - Superfund Enterprise Management System

# TABLE 2

OLQ CHEMISTRY - REFER TO ATTACHED MEMO

## Volatile Organic Analysis

page 1 of 1

Water

**Site Name:** Lake Sandy Jo (M&M Landfill)  
**Site Number:** 7500077  
**Location:** Gary, Indiana, Lake County  
**Date Sampled:** September 9-12, 2019  
**Date Reported:** September 25, 2019  
**Sample Numbers:** 50235858001 to 5023585012 (LA726 to LA737)  
**Lab:** Pace Analytical Services

UNITS: ug/L

Sample #		Type/ID#	Benzene	Chlorobenzene	Isopropylbenzene (Cumene)	Toluene	1,2,4-Trimethylbenzene	Total Xylenes
Lab	IDEM							
EPA MCLs			5	ne	ne	1,000	70	10,000
Reporting limits			0.5	0.5	0.5	0.5	0.5	0.5
50235858001	LA726	MW-002						
50235858002	LA727	MW-021						
50235858003	LA728	MW-005	2.1	3	1.9	2.2		15.5
50235858004	LA729	MW-006	<b>44.1</b>					
50235858005	LA730	MW-023R	<b>8.4</b>					
50235858006	LA731	MW-014		17.2				
50235858007	LA732	MW-015						
50235858008	LA733	MW-009						
50235858009	LA734	MW-012						
50235858010	LA735	MW-016						
50235858011	LA736	Field Duplicate of LA729**	<b>44.9</b>	3	1.9	2.2	0.61	15.5
50235858012	LA737	Trip Blank*						

\* BLANK (Type indicated)

\*\* FIELD DUPLICATE

Empty Box indicates NON-DETECTABLE

NR = NOT RUN

NA=NOT AVAILABLE

**Bold** = Above EPA MCL

**APPENDIX B**

**DOCKET REPORTS INDEX**

**LAKE SANDY JO PARTIAL DELETION**

***Docket Reports Index***  
***Partial NPL Deletion - Lake Sandy Jo (M&M Landfill) Site, Gary Indiana***

Docket ID	Phase Name	Sequence	Document ID	Document Status	Document Title	Document Type
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1113	DoNotPost	This phase is reserved for: Lake Sandy Jo (M&M Landfill) Gary, IN, IND980500524 Region 5	OTHER
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1206	Pending_Post	05-155709 - September 26, 1986 Record of Decision (ROD) (Signed) - Lake Sandy Joe	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1207	Pending_Post	05-160623 - September 28, 2001 Five Year Review Report (Signed) - Lake Sandy Jo Landfill - 2001	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1208	QA_Ready	05-189620 - September 8, 1983 Federal Register Notice	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1209	QA_Ready	05-224043 - June 17, 1996 Administrative Records Site Index - Update #1 and Update #2 (02/27/02)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1210	QA_Ready	05-224044 - December 12, 1995 Earth Tech - O & M Activities (Annual Report For 05/85-06/85 Annual Sampling Event)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1211	QA_Ready	05-224049 - January 19, 1995 Administrative Record Site Index - Original	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1212	QA_Ready	05-224067 - November 9, 1984 CH2M Hill - Final Community Relation Plan	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1213	Metadata_Ready	05-224068 - November 1, 1985 Weston-SPER - Site Assessment and Emergency Action Plan	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1214	Metadata_Ready	05-224079 - August 1, 1986CH2M HILL - FINAL REMEDIAL INVESTIGATION (RI) REPORT VOL 1 OF 3	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1215	Metadata_Ready	05-224080 - August 1, 1986CH2M HILL - FINAL REMEDIAL INVESTIGATION (RI) REPORT VOL 2 OF 3 (APPENDICES A-H LABORATORY & FIELD DATA)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1216	Metadata_Ready	05-224081 - August 1, 1986CH2M HILL - FINAL REMEDIAL INVESTIGATION (RI) REPORT - VOL 3 OF 3 (METHODOLOGY SAMPLING PLAN & BACKGROUND INFO)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1217	Metadata_Ready	05-224084 - August 15, 1986 CH2M HILL - PUBLIC COMMENT FEASIBILITY STUDY (FS) REPORT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1218	Metadata_Ready	05-224090 - May 22, 1987 QUALITY ASSURANCE PROJECT PLAN (QAPP) - GROUND WATER & SEDIMENT SAMPLING	SUPPORTING & RELATED MATERIALS

EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1219	Metadata_Ready	05-224091 - June 25, 1987 CH2M HILL - SAMPLING PLAN REMEDIAL DESIGN	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1220	Metadata_Ready	05-224130 - January 18, 1996 FIVE YEAR REVIEW REPORT (SIGNED) - LAKE SANDY JO LANDFILL - 1996	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1221	Metadata_Ready	05-233314 - September 20, 1994 PRELIMINARY SITE CLOSE OUT (SCO) REPORT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1222	Metadata_Ready	05-263804 - September 22, 2006 THIRD FIVE YEAR REVIEW REPORT (SIGNED) - LAKE SANDY JO - 2006	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1223	Metadata_Ready	05-311151 - October 22, 2008 EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) (SIGNED)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1224	Metadata_Ready	05-396483 - July 14, 2011 FOURTH FIVE YEAR REVIEW REPORT (SIGNED) - LAKE SANDY JO - 2011	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1225	Metadata_Ready	05-420442 - July 14, 2011 ADMINISTRATIVE RECORD SITE INDEX - LAKE SANDY JO - UPDATE #3	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1226	Metadata_Ready	05-508827 - July 14, 2016 FIFTH FIVE YEAR REVIEW REPORT (SIGNED) - LAKE SANDY JO - 2016	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1227	Metadata_Ready	05-508892 - September 28, 2016 SUPERFUND PROPERTY REUSE EVALUATION CHECKLIST FOR REPORTING SITE-WIDE READY FOR ANTICIPATED USE GPPA MEASURE (W/ ATTACHMENTS)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1228	Metadata_Ready	05-522503 - December 12, 2016 ENVIRONMENTAL INDICATOR WORKSHEETS (LONG-TERM HUMAN HEALTH PROTECTION WORKSHEET & MIGRATION OF CONTAMINATED GROUNDWATER UNDER CONTROL WORKSHEET)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1229	Metadata_Ready	05-531095 - December 9, 2015 KERAMIDA - OPERATION & MAINTENANCE REPORT SEMMI-ANNUAL EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1230	Metadata_Ready	05-633484 - July 1, 1983 NPL SITE LISTING NARRATIVE	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1231	Metadata_Ready	05-907838 - August 1, 1994IDEM - QUALITY ASSURANCE PROJECT PLAN FOR OPERATION & MAINTENANCE	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1233	Metadata_Ready	05-927831 - July 3, 2006 GARY CITY OF - AMENDED GROUND WATER ORDINANCE RESTRICTING USAGE - NO 7930	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1234	Metadata_Ready	05-930760 - May 1, 2007 GARY NPL SITES REUSE ASSESSMENT REPORT DRAFT FINAL	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1235	Metadata_Ready	05-952465 - September 7, 1982 [REDACTED] E & E - SITE INSPECTION REPORT	SUPPORTING & RELATED MATERIALS

EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1236	Metadata_Ready	05-952466 - November 15, 1983 [REDACTED] CH2M HILL - REMEDIAL ACTION MASTER PLAN (RAMP)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1237	Metadata_Ready	05-952467 - September 12, 1986 [REDACTED] CH2M HILL - RESPONSIVENESS SUMMARY - RI/FS	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1238	Metadata_Ready	05-958750 - August 10, 1992 US ATSDR - SITE REVIEW AND UPDATE	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1239	Metadata_Ready	05-958751 - November 17, 1994 EARTHTECH - OPERATIONS & MAINTENANCE REPORT - AUGUST 1994 QUARTERLY SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1240	Metadata_Ready	05-958752 - August 21, 1997 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - MAY 1997 ANNUAL SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1241	Metadata_Ready	05-958753 - July 30, 2003 EARTHTECH - OPERATIONS & MAINTENANCE REPORT - ANNUAL SAMPLING EVENT MARCH 2003	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1242	Metadata_Ready	05-958754 - April 4, 2003 EARTHTECH - OPERATIONS & MAINTENANCE REPORT - QUARTERLY SAMPLING DECEMBER 2002	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1243	Metadata_Ready	05-958755 - December 27, 2005 EARTHTECH - OPERATIONS & MAINTENANCE REPORT - SEMI-ANNUAL EVENT OCTOBER 2005	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1244	Metadata_Ready	05-958756 - December 12, 1994 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - NOVEMBER 1994 SEMI-ANNUAL EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1245	Metadata_Ready	05-958757 - November 11, 1996 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - MAY 1996 ANNUAL SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1246	Metadata_Ready	05-958758 - May 22, 1996 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - NOVEMBER 1995 SEMI-ANNUAL SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1247	Metadata_Ready	05-958759 - December 31, 2003 EARTHTECH - OPERATIONS & MAINTENANCE REPORT - QUARTERLY SAMPLING & ANNUAL MAINTENANCE - DECEMBER 2003	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1248	Metadata_Ready	05-958760 - December 29, 2003 EARTHTECH - OPERATIONS & MAINTENANCE REPORT - QUARTERLY SAMPLING & ANNUAL MAINTENANCE - SEPTEMBER 2003	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1249	Metadata_Ready	05-958761 - February 25, 1998 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - DECEMBER 1997 SEMI-ANNUAL SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1250	Metadata_Ready	05-958762 - January 15, 2003 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - INITIAL SAMPLING AND CLEARING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1251	Metadata_Ready	05-958763 - December 11, 1997 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - AUGUST 1997 QUARTERLY SAMPLING EVENT	SUPPORTING & RELATED MATERIALS

EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1252	Metadata_Ready	05-958764 - June 18, 1998 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - FEBRUARY 1997 QUARTERLY SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1253	Metadata_Ready	05-958765 - December 30, 1998 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT -AUGUST 1998 QUARTERLY SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1254	Metadata_Ready	05-958766 - July 30, 1998 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - MAY 1998 ANNUAL SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1255	Metadata_Ready	05-958767 - January 11, 1996EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - AUGUST 1995 QUARTERLY SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1256	Metadata_Ready	05-958768 - November 17, 1994 EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - AUGUST 1994 QUARTERLY SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1257	Metadata_Ready	05-958769 - March 29, 1995EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - FEBRUARY/MARCH 1995 QUARTERLY SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1258	Metadata_Ready	05-958770 - [Undated] EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - FEBRUARY 1997 QUARTERLY SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1259	Metadata_Ready	05-958771 - [Undated] EARTHTECH - OPERATIONS & MAINTENANCE ACTIVITIES REPORT - DECEMBER 1996 QUARTERLY SAMPLING EVENT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1260	Metadata_Ready	05-958772 - February 28, 1994 WW ENGINEERING - INITIAL EVENT STATUS REPORT - OPERATIONS & MAINTENANCE ACTIVITIES	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1261	Metadata_Ready	05-958773 - October 1, 2012 AECOM - OPERATIONS & MAINTENANCE REPORT - SEMI-ANNUAL EVENT OCTOBER 2012	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1262	Metadata_Ready	05-958774 - January 3, 2014 KERAMIDA - OPERATIONS & MAINTENANCE REPORT - SEMI-ANNUAL EVENT SEPTEMBER 2013	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1263	Metadata_Ready	05-958775 - January 10, 2014 KERAMIDA - OPERATIONS & MAINTENANCE REPORT - SEMI-ANNUAL EVENT SEPTEMBER 2013	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1264	Metadata_Ready	05-958776 - February 28, 2014 KERAMIDA - OPERATIONS & MAINTENANCE REPORT - SEMI-ANNUAL EVENT NOVEMBER 2013	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1265	Metadata_Ready	05-958777 - July 31, 2014 KERAMIDA - OPERATIONS & MAINTENANCE REPORT - SEMI-ANNUAL EVENT MAY 2014	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1266	Metadata_Ready	05-958778 - January 6, 2015 KERAMIDA - OPERATIONS & MAINTENANCE REPORT - SEMI-ANNUAL EVENT SEPTEMBER 2014	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1267	Metadata_Ready	05-958779 - July 29, 2015 KERAMIDA - OPERATIONS & MAINTENANCE REPORT - SEMI-ANNUAL EVENT MAY 2015	SUPPORTING & RELATED MATERIALS

EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1268	Metadata_Ready	05-958780 - November 30, 2016 KERAMIDA - OPERATIONS & MAINTENANCE REPORT - SEMI-ANNUAL EVENT FALL 2016	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1269	Metadata_Ready	05-958781- September 15, 2017 KERAMIDA - OPERATIONS & MAINTENANCE REPORT - ANNUAL EVENT JUNE 2017	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1270	Metadata_Ready	05-958782 - August 31, 2018 KERAMIDA - GROUNDWATER ANNUAL REPORT - JUNE 2018	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1271	Metadata_Ready	05-958783 - November 30, 2018 KERAMIDA - OPERATIONS & MAINTENANCE REPORT - FALL 2018	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1272	Metadata_Ready	05-958784 - June 5, 2020 AUGUST MACK - OPERATIONS & MAINTENANCE REPORT - FALL 2019	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1273	Metadata_Ready	05-958785 - June 30, 1994 DEPT OF THE ARMY - REMEDIAL CONSTRUCTION WATER LINE EXTENSION COMPLETION REPORT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1274	Metadata_Ready	05-958787 - [Undated] ON-SCENE COORDINATOR'S REPORT - CERCLA IMMEDIATE REMOVAL PROJECT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1275	Metadata_Ready	05-958788 - December 1, 2005 E2 - GARY NPL SITES REUSE ASSESSMENT REPORT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1276	Metadata_Ready	05-958789 - July 17, 1984 FINAL WORK PLAN - REMEDIAL INVESTIGATION / FEASIBILITY STUDY	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1277	Metadata_Ready	05-958790 - August 1, 1994IDEM - SECTION 3 QUALITY ASSURANCE PROJECT PLAN FOR THE OPERATION AND MAINTENANCE OF THE LAKE SANDY JO SUPERFUND SITE	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1278	Metadata_Ready	05-958791 - August 30, 1990 REVISED OPERATION AND MAINTENANCE MANUAL FOR THE LONG-TERM GROUND WATER, SURFACE WATER, AND SOIL COVER MONITORING SYSTEMS	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1279	Metadata_Ready	05-958792 - April 1, 1996REVISED FINAL OPERATION AND MAINTENANCE MANUAL	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1280	Metadata_Ready	05-958793 - August 1, 1988OPERATION AND MAINTENANCE MANUAL FOR THE LONG-TERM GROUND WATER, SURFACE WATER, AND SOIL COVER MONITORING SYSTEMS	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1281	Metadata_Ready	05-958794 - November 20, 1985 WORK PLAN FOR PHASE II REMEDIAL INVESTIGATION	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1282	Metadata_Ready	05-958795 - July 15, 2013 KERAMIDA - SITE SPECIFIC INFORMATION - HEALTH AND SAFETY PLAN	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1283	Metadata_Ready	05-958796 - August 1, 2013KERAMIDA - QUALITY ASSURANCE PROJECT PLAN (QAPP)	SUPPORTING & RELATED MATERIALS

EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1284	Metadata_Ready	05-958797 - August 1, 2013 KERAMIDA - SAMPLING AND ANALYSIS PLAN	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1285	Metadata_Ready	05-958798 - September 15, 1994 US EPA LETTER RE: REMEDIAL ACTION REPORT APPROVAL FOR ALTERNATE WATER SUPPLY	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1286	Metadata_Ready	05-958799 - August 11, 1993 IDEM LETTER RE: REQUESTING GARY ASSISTANCE FOR LOW-INCOME HOOKUPS	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1287	Metadata_Ready	05-958800 - September 29, 1994 IDEM LETTER RE: FINAL REMEDIAL ACTION REPORT APPROVAL	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1288	Metadata_Ready	05-958801 - March 2, 1995 IDEM MEMO RE: GREATER GARY CHAMBER OF COMMERCE COMPLETION OF PLUMBING UPGRADE PROJECT TO ASSIST CERTAIN RESIDENTS IN ALTERNATE WATER SUPPLY SERVICE AREA	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1289	Metadata_Ready	05-958802 - May 9, 1995 USACE LETTER RE: REMEDIAL CONSTRUCTION, WATER LINE EXTENSION MONTHLY REPORT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1290	Metadata_Ready	05-958803 - September 28, 1991 USACE LETTER RE: WATER LINE EXTENSION, RESIDENTS TO RECEIVE WATER SERVICE	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1291	Metadata_Ready	05-958804 - December 9, 1991 USACE LETTER RE: REMEDIAL CONSTRUCTION, WATER LINE EXTENSION	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1292	Metadata_Ready	05-958805 - December 12, 1990 US EPA LETTER RE: PROPERTY TRANSFER ALTERNATIVES	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1293	Metadata_Ready	05-958806 - January 9, 1992 USACE LETTER RE: WATER LINE EXTENSION - PREFINAL INSPECTION WATER MAINS	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1294	Metadata_Ready	05-958807 - January 15, 1992 USACE LETTER RE: REMEDIAL CONSTRUCTION, WATER LINE EXTENSION, MONTHLY REPORT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1295	Metadata_Ready	05-958808 - November 27, 1990 US EPA LETTER RE: SCC AMENDMENT FOR PROPERTY TRANSFER DRAFT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1296	Metadata_Ready	05-958809 - January 13, 2011 IDEM LETTER RE: REQUEST FOR COPIES OF PROPERTY DEEDS WITH 2001 COURT ORDER	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1297	Metadata_Ready	05-958810 - June 9, 2011 IDEM LETTER RE: DRAFT FOURTH FIVE YEAR REVIEW REPORT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1298	Metadata_Ready	05-958813 - September 9, 2016 IDEM LETTER RE: DAMAGE TO FENCE	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1299	Metadata_Ready	05-958814 - [Undated] USACE - SOLICITATION FOR WATER LINE EXTENSION	SUPPORTING & RELATED MATERIALS

EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1300	Metadata_Ready	05-958815 - August 19, 1988 SUPERFUND STATE CONTRACT FOR AN OPERABLE UNIT REMEDIAL ACTION	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1301	Metadata_Ready	05-958816 - August 24, 1988 BID ESTIMATE - REMEDIAL DESIGN	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1302	Metadata_Ready	05-958817 - July 1, 1988 BID SPECIFICATIONS - REMEDIAL CONSTRUCTION	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1303	Metadata_Ready	05-958818 - January 1, 1988EPA FACT SHEET - WINTER 1988	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1304	Metadata_Ready	05-958819 - December 11, 1997 EARTHTECH - LANDFILL COMPARISON TO 1995 SURVEY	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1305	Metadata_Ready	05-958820 - November 1, 1990 USACE - MUNICIPAL WATER CONNECTION PLANS	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1306	Metadata_Ready	05-958821 - January 1, 1974 SITE AERIAL PHOTO	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1307	Metadata_Ready	05-958822 - October 14, 2004 IDEM SUPPLEMENT TO MASTER AGREEMENT #03-553-01	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1308	Metadata_Ready	05-958823 - January 31, 2012 ENVIRONMENTAL RESTRICTIVE COVENANT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1309	Metadata_Ready	05-958824 - February 25, 2013 ENVIRONMENTAL RESTRICTIVE COVENANT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1310	Metadata_Ready	05-958825 - February 25, 2013 ENVIRONMENTAL RESTRICTIVE COVENANT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1311	Metadata_Ready	05-958837 - September 13, 1993 [REDACTED] CH2M PROPERTY SEARCH REPORT	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1312	Metadata_Ready	05-958838 - January 9, 2012 [REDACTED] IDEM LETTER RE: GROUNDWATER USE ADVISORY AND RESTRICTION	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1313	Metadata_Ready	05-958839 - January 9, 2012 [REDACTED] IDEM LETTER RE: GROUNDWATER USE ADVISORY AND RESTRICTION	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1314	Metadata_Ready	05-960579 - February 10, 2012 [REDACTED] IDEM LETTER RE: REQUIREMENT TO FILE AN ENVIRONMENTAL RESTRICTIVE COVENANT (ERC) TO IMPLEMENT THE FINAL CLEANUP UP FOR THE LAKE SANDY JO/M&M LANDFILL SUPERFUND SITE	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1315	Metadata_Ready	05-2002909 - March 19, 2001 DECLARATION OF RESTRICTION ON USE OF REAL PROPERTY - BLOCK 9, LOTS 14, 15, 16, AND 17.	SUPPORTING & RELATED MATERIALS

EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1316	Metadata_Ready	05-2002910 - August 17, 1995 DECLARATION OF RESTRICTION ON USE OF REAL PROPERTY - BLOCK 3, TRACT 20 AND BLOCK 9, TRACT 1 AND TRACTS 5 TO 13 (CITY OF GARY WEST LOTS)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1317	Metadata_Ready	05-2002911 - April 5, 2013 ENVIRONMENTAL RESTRICTIVE COVENANT - PIN 45-08-18-426-009.000-003	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1318	Metadata_Ready	05-2002912 - July 14, 1995 DECLARATION OF RESTRICTION ON USE OF REAL PROPERTY - BLOCK 3, NORTH 1/2 OF TRACT 27 (NEED TO CONFIRM RESTRICTION FILED WITH COUNTY)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1319	Metadata_Ready	05-2002913 - January 31, 1995 DECLARATION OF RESTRICTION ON USE OF REAL PROPERTY - BLOCK 3, TRACTS 23 AND 24 (NEED TO CONFIRM RESTRICTION RECORDED WITH COUNTY)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1320	Metadata_Ready	05-2003026 - December 20, 1993 IDEM MEMORANDUM RE: INSPECTION OF PRAIRIE GRASS COVER, LAKE SANDY JO SITE	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1321	Metadata_Ready	05-2003067 - August 26, 2020 IDEM LETTER RE: PARTIAL DELETION OF OU1 – LAND/SOIL PORTION OF LANDFILL PROPERTY AND ADJACENT PARCELS, LAKE SANDY JO SUPERFUND SITE, EPA-HQ-SFUND-1983-0002	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1983-0002	Proposed Rule	34	EPA-HQ-SFUND-1983-0002-DRAFT-1323	Metadata_Ready	05-2003024 - October 21, 2019 IDEM MEMO RE: ANALYTICAL RESULTS FOR LAKE SANDY JO (M&M LANDFILL) SAMPLES SEPTEMBER 9-12, 2019	SUPPORTING & RELATED MATERIALS

**APPENDIX C**

**IDEM LETTER**



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

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**Eric J. Holcomb**  
*Governor*

**Bruno L. Pigott**  
*Commissioner*

August 26, 2020

Mr. Kurt Thiede  
Regional Administrator  
US EPA Region V  
77 West Jackson St.  
Mail Code: R-19J  
Chicago, IL 60604

Dear Mr. Thiede:

Re: Partial Deletion of OU1 – Land/Soil Portion  
of Landfill Property and Adjacent Parcels,  
Lake Sandy Jo Superfund Site,  
EPA-HQ-SFUND-1983-0002,  
3615 West 25th Avenue  
Gary, Indiana 46404  
CERCLIS ID No. IND980500524

Indiana Department of Environmental Management (IDEM) staff have reviewed the draft Notice of Intent to Partially Delete and the Site-Specific Justification for the Partial Deletion from the National Priorities List of Operable Unit 1 - Land/Soil Portion of Landfill Property and Adjacent Parcels transmitted electronically on July 15, 2020. IDEM staff agree that the remedial action objectives outlined in the 1986 Record of Decision have been met for the Land/Soil Portion of Landfill Property and Adjacent Parcels, and therefore qualifies for deletion from the National Priorities List.

Groundwater contamination persists in the southeastern portion of the Site and some institutional controls are required to restrict groundwater use on some adjacent properties. Consequently, the groundwater portion of the Site will not be deleted from the National Priorities List. IDEM staff agree that the groundwater portion of the site should remain on the National Priorities List. IDEM staff notes that the residual petroleum groundwater contamination may be migrating from the adjacent junkyard where old vehicles are being stored.

IDEM staff will continue to conduct Operation and Maintenance activities for the Lake Sandy Jo Superfund Site, including annual groundwater monitoring. If my staff or I can provide any further assistance in this matter, please let me know.

Sincerely,

Peggy Dorsey,  
Assistant Commissioner,  
Office of Land Quality

JWH: jwh

cc: Rex Osborn, IDEM  
Karen Cibulskis, U.S. EPA  
Justin Hodgson, IDEM  
Sheri Bianchin, U.S. EPA