

EXHIBIT F – ENVIRONMENTAL REPORT

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**New Southwest "Hancock" Selective Enrollment HS
W. 65th Street and S. Long Avenue
Chicago, Illinois 60638**

Prepared for:

**Public Building Commission of Chicago
50 West Washington Street, Room 200
Chicago, IL 60602**

November 2018

GSG Project No.: 2118 002



623 Cooper Court • Schaumburg, IL 60173
Tel: 630.994.2600 • Fax: 312.733.5612

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**New Southwest "Hancock" Selective Enrollment HS
W. 65th Street and S. Long Avenue
Chicago, Illinois 60638**

Prepared for:

**Public Building Commission of Chicago
50 West Washington Street, Room 200
Chicago, IL 60602**

Prepared By: _____


Nils N. Clausen
Project Geologist

Date: November 2018

Reviewed By: _____


George Kougias, M.S., LPG
Senior Project Manager

Date: November 2018



623 Cooper Court • Schaumburg, IL 60173
Tel: 630.994.2600 • Fax: 312.733.5612

EXECUTIVE SUMMARY

The Public Building Commission of Chicago (PBCC) (Client) retained GSG Consultants, Inc. (GSG) to perform a Phase I Environmental Site Assessment (ESA) for the property located at 5423 W. 64th Place, which is bounded by W. 64th Street on the north, W. 65th Street on the south, S. Long Avenue on the east and Linder Avenue on the West (Site) in Chicago, Illinois. GSG performed the Phase I ESA in accordance with the American Society for Testing and Materials (ASTM) Designate E1527-13, *Standard Practice for Environmental Site Assessments*. Any exceptions to, or deletions from, of this practice are described in Section 1.4 of this report.

The purpose of this Phase I ESA is to identify, to the extent feasible, pursuant to the ASTM E1527-13, Recognized Environmental Conditions (RECs) in connection with the property. The Phase I ESA investigation included reviewing readily available site-historic information, regulatory environmental databases, and Freedom of Information Act responses from local, state, and federal government agencies; performing a site and vicinity reconnaissance; and preparing a report summarizing the findings and conclusions of the site assessment.

The Site consists of the city block, which is bounded by West 64th Street on the north, West 65th Street on the south, Long Avenue on the east, and Linder Avenue on the west in Chicago, Illinois. The Site is approximately 163,938 square feet (3.76 acres) in size and is currently occupied by an asphalt paved parking lot. The Site is bordered to the north by West 64th Place, followed by R. L. Grimes Public School and residential properties; to the east by S. Long Avenue, followed by Residential properties; to the west by South Linder Avenue, followed by residential properties; and to the south by West 65th Street, followed by vacant lots (previously occupied by an industrial property).

According to the documents reviewed, the Site, along with the south adjacent property across W. 65th Street, was likely originally owned by “Continental Can USA”, and the south adjacent property was developed since sometime prior to 1917-18, as an industrial property with numerous uses (“AVALON INDUSTRIES/CROWN CORK AND SEAL/BUDGET RENT-A-CAR SYSTEMS/UNITED STATES CAN COMPANY/CONTINENTAL GROUP INC/PETERSON ELASTOMERS INC/CONTINENTAL CAN U S A PLANT #5/RAANI CORP”). The adjacent properties to the east and west of the Site were developed with residential properties sometime prior to 1950 and 1975, respectively. The adjacent properties to the north of the Site were developed with residential properties, along W. 64th Street, sometime prior to 1950 and with a public school, along W. 64th Place, in 1952.

According to the regulatory information reviewed, the Site is not listed in any of the regulatory databases. The Site shared ownership with and was utilized for parking, by the industrial facility on the south adjacent property. The south adjacent was occupied numerous industrial facilities, including “The Continental Can facility”, which “produced tin cans and tin can parts”, which were “lithographed with colors and organic protectants”. Raw materials used during the manufacturing



process included paints, enamels, varnishes, naphtha, solvents, machine oil, and tin. The south adjacent property was also used by the Raani Corporation, which manufactured shampoo, deodorant and other health and beauty products. The Raani Corporation “stored approximately 1,900 chemicals on-site.”

The adjacent property to the south was present in a multitude of regulatory databases with records including eleven (11) USTs, LUSTs, SRP enrollment, and RCRA Generator status among others. Additionally, the south adjacent property is identified in documents related to SRP activities, as having potentially hazardous levels of Lead, Mercury, and Arsenic on the northern portion of the property, close to the Site. Groundwater modeling predicted the “distance to meet the Class II GRO for Arsenic is more than a mile”. The property was never issued an NFR letter and the SRP services agreement was “terminated” due to non-responsiveness.

There were no known or suspect **Recognized Environmental Conditions (RECs)**, **Historic Recognized Environmental Conditions (HRECs)**, **Controlled Recognized Environmental Conditions (CRECs)**, or **De Minimis Conditions** identified at the Site except for the following:

Recognized Environmental Conditions (RECs):

Suspect Presence of Impacted Subsurface: Impacted soil/water/or soil gas may be present at the Site due to the unknown fill utilized in the construction of the parking lot on-Site. Additionally, due to the association of the Site with, and the historical use of, the south adjacent property as an industrial facility (“AVALON INDUSTRIES/CROWN CORK AND SEAL/BUDGET RENT-A-CAR SYSTEMS/UNITED STATES CAN COMPANY/CONTINENTAL GROUP INC/PETERSON ELASTOMERS INC/CONTINENTAL CAN U S A PLANT #5/RAANI CORP”), which included the former presence of leaking USTs, a total of 11 USTs, enrollment in the Site Remediation Program (SRP), and RCRA Generation status. Additionally, an investigation completed as part of SRP activities in February 2010, indicated the presence of “SPLP Arsenic” value “above the Hazardous Toxicity Characteristic limit” and the groundwater modeling conducted determined that the “distance to meet the Class II GRO is more than a mile” from the source.

TABLE OF CONTENTS

EXECUTIVE SUMMARY	ES-1
1.0 INTRODUCTION.....	1
1.1 PROJECT OVERVIEW.....	1
1.2 PROJECT DESCRIPTION	1
1.3 SCOPE OF WORK	1
1.4 LIMITATIONS AND EXCEPTIONS	2
2.0 PROPERTY OVERVIEW	5
2.1 PROPERTY LOCATION AND LAND USES	5
2.2 PHYSICAL SETTING	6
3.0 PROPERTY BACKGROUND/OPERATING HISTORY	8
3.1 REVIEW OF AERIAL PHOTOGRAPHS.....	8
3.2 REVIEW OF TOPOGRAPHIC MAPS.....	9
3.3 REVIEW OF SANBORN MAPS.....	9
3.4 REVIEW OF CITY DIRECTORIES	11
3.5 HISTORICAL CONCLUSIONS	11
4.0 REGULATORY REVIEW	12
4.1 REGULATORY DATABASE SEARCH AND SIGNIFICANT FINDINGS	12
4.2 FREEDOM OF INFORMATION ACT (FOIA) AND SIGNIFICANT FINDINGS.....	17
4.3 INTERVIEWS	21
4.4 REGULATORY REVIEW CONCLUSIONS	22
5.0 PROPERTY INSPECTION	23
5.1 PROPERTY RECONNAISSANCE	23
5.2 ADJACENT PROPERTIES RECONNAISSANCE	25
5.3 SUMMARY PROPERTY RECONNAISSANCE	26
6.0 CONCLUSIONS AND RECOMMENDATIONS	27
7.0 REFERENCES AND RECORDS OF COMMUNICATION	28

EXHIBITS

EXHIBIT 1	Site Location Map – 2012 USGS 7.5-Minute Berwyn Quadrangle Map
EXHIBIT 2	Site Layout Map
EXHIBIT 3	REC Map

APPENDICES

APPENDIX A	Aerial Photographs
APPENDIX B	Historical Topographic Maps
APPENDIX C	Sanborn Fire Insurance Maps
APPENDIX D	City Directory
APPENDIX E	Regulatory Database Information
APPENDIX F	FOIA Requests/Responses/Documents Reviewed
APPENDIX G	Environmental Questionnaire
APPENDIX H	Photographs
APPENDIX I	Vapor Encroachment Qualifications
APPENDIX J	Consultant Qualifications



1.0 INTRODUCTION

1.1 PROJECT OVERVIEW

The Public Building Commission of Chicago (PBCC) (Client) retained GSG Consultants, Inc. (GSG) to perform a Phase I Environmental Site Assessment (ESA) for the property located at 5423 W. 64th Place, which is bounded by W. 64th Street on the north, W. 65th Street on the south, S. Long Avenue on the east and Linder Avenue on the West (Site) in Chicago, Illinois. The purpose of the Phase I ESA was to identify, to the extent feasible, if Recognized Environmental Conditions are present at the Site.

1.2 PROJECT DESCRIPTION

The Site consists of the city block, which is bounded by West 64th Street on the north, West 65th Street on the south, Long Avenue on the east, and Linder Avenue on the west in Chicago, Illinois. The Site is approximately 163,938 square feet (3.76 acres) in size and is currently occupied by an asphalt paved parking lot. The Site is located in the ¼ Northwest of the ¼ Northwest of Section 21, Township 38 North, Range 13 East of the Third Principal Meridian. The parcel index number according to the “CookViewer – Cook County’s Map Application” is 19-21-112-040

Exhibit 1, Site Location Map, shows the Site on a USGS Map. **Exhibit 2**, Site Layout Map, shows the Site layout.

1.3 SCOPE OF WORK

The Phase I ESA was performed in accordance with the American Society for Testing and Materials (ASTM) Designate E1527-13, *Standard Practice for Environmental Site Assessments*, and included performing the following:

- Historic site use information review;
- Regulatory government agency records review;
- Regulatory database report and historical information provided by a third-party vendor;
- Site reconnaissance;
- Client provided documents, if available; and
- Report preparation

The purpose of this Phase I ESA is to identify, to the extent feasible pursuant to the ASTM E1527-13, Recognized Environmental Conditions (RECs) in connection with the property.



ASTM defines **Recognized Environmental Conditions** (REC) as follows: “The presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to a release to the environment; (2) under conditions that indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.”

Historical Recognized Environmental Conditions (HRECs), as “A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

Controlled Recognized Environmental Conditions (CRECs), as “A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (as evidenced by the issuance of a no further action letter or equivalent or meeting risk based criteria established by regulatory authority) with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

De Minimis Condition as “A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

Business Environmental Risk as “A risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate not necessarily limited to those environmental issues required to be investigated in this practice.”

1.4 LIMITATIONS AND EXCEPTIONS

The findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental methods. These environmental methods have been developed to provide the Client with information regarding apparent indications of existing or potential Recognized Environmental Conditions relating to the property and are limited to the conditions observed at the time of the site investigation. It should also be noted that this investigation is of limited scope. The scope will not provide sufficient information to eliminate the total risk of the on-site presence of Recognized Environmental Conditions. Significantly higher levels of exploratory efforts than those performed are required to accumulate sufficient information to approach that type of total risk reduction. The report is also limited to the information available at the time it was prepared. GSG

believes that the information obtained from the record review and the interviews concerning the subject property is accurate and complete; however, GSG cannot and does not warrant or guarantee that the information provided by these sources is accurate or complete. The conclusions presented in the report are based solely on the services described herein, and not on scientific tasks or procedures beyond the scope of the agreed upon services or the time and budgeting restraints imposed by the client.

Some of the information provided in this report is based upon personal interviews and research of available documents. Records and maps held by appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability and accuracy of pertinent records, and the personal recollection of those persons contacted.

The Client engaged GSG to perform this assessment in accordance with an agreement governing the nature, scope, and purpose of the work, as well as other matters critical to the engagement. All reports, both verbal and written are for the sole use of the Client. No party other than the Client may rely on the validity of this report without the express and written consent of GSG Consultants Inc.

The following exceptions were associated with the Phase I ESA report with respect to ASTM E1527-13 Standard:

- A chain-of-title investigation and/or environmental lien and environmental encumbrances (AUL, ICs, ECs, etc.) review was not conducted by GSG, nor was provided by the client. A chain-of-title is not normally requested by the ASTM standards unless there is more than a 5-year gap in the historic data. There was more than a 5-year gap in the historic data reviewed; however, in our opinion, a chain-of-title search will not likely provide additional land-use information and none was required as per the client.
- Observations of the Site and adjacent properties were limited by snow coverage at the time of the Site reconnaissance. Additionally, GSG performed the Site reconnaissance from publicly accessible viewpoints. As such, actual Site conditions may exist, which, were not identified due to the lack of access and snow coverage at the time of the Site reconnaissance.
- GSG obtained environmental database information from Environmental Data Resources, Inc. (EDR), a commercial provider of that service. GSG provided EDR the property location and asked EDR to use this information as the center of its search radius. Accordingly, the search distances shown on the radius map may not be actual distances from the property. However, GSG has made an effort to adjust the measurements in order to reflect actual distances when applicable.
- Interviews with past or current owners, operators, and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other

historical sources, this limitation is not expected to alter the overall findings of this assessment.

- GSG did not consider the relationship of the purchase price of the property, to the fair market value of the property, if involved in a transaction.

DRAFT

2.0 PROPERTY OVERVIEW

2.1 PROPERTY LOCATION AND LAND USES

2.1.1 PROPERTY LOCATION

The Site is located at 5423 W. 64th Place, in Chicago, Illinois at the northwest corner of W. 65th Street and S. Long Avenue, and is bounded by W. 64th Street to the North, W. 65th Street to the south, S. Long Avenue to the east, and S. Linder Avenue to the west. The Site is located in the ¼ Northwest of the ¼ Northwest of Section 21, Township 38 North, Range 13 East of the Third Principal Meridian.

2.1.2 ADJACENT PROPERTY LOCATIONS AND LAND USES

GSG performed visual observations of the surrounding areas from vantage points available to the general public. The properties immediately surrounding the Site are as follows:

- | | | |
|--------------|---|--|
| North | – | West 64 th Place followed by R. L. Grimes Public School and residential properties; |
| East | – | South Long Avenue, followed by residential properties; |
| South | – | West 65 th Street, followed by vacant lot; and |
| West | – | South Linder Avenue, followed by residential properties. |

Based on the visual observations, the adjacent properties are not considered a Recognized Environmental Condition to the Site.

2.1.3 UTILITIES

The following utility services are available for the Site:

- Natural Gas – Peoples Gas Company
- Potable Water – Metropolitan Water Reclamation District of Greater Chicago (MWRDGC)
- Storm and Sanitary Sewer – Metropolitan Water Reclamation District of Greater Chicago (MWRDGC)
- Electricity – Commonwealth Edison (ComEd)

2.2 PHYSICAL SETTING

2.2.1 TOPOGRAPHY

The 2012 USGS 7.5-minute Berwyn Quadrangle shows the Site to be relatively flat. The Site vicinity, as estimated from USGS Topographic maps, has an elevation of 615 feet above sea level.

2.2.2 GEOLOGY/HYDROGEOLOGY

GSG reviewed several published documents in an effort to determine the regional geological setting in the area of the project area. The bedrock in the Chicago area is overlain by glacial drift that was deposited by Pleistocene glaciers that repeatedly covered the area and by the various high-level states of Lake Michigan. The Pleistocene strata which underlies the study area, as inferred from the "Surficial Geology of the Chicago Region" (Willman and Lineback, ISGS, 1970), consists of the Dolton Member of the Equality Formation, deposited during the Wisconsin Glacial Period. The Equality Formation consists of "Lake deposits; largely silt with sand facies near shorelines; deposits of the older lakes have a thin cover of silt". The Dolton Member of The Equality Formation consists of "largely shallow-water, near-shore lake sediments in beaches, bars, spits, and deltas; dominantly medium-grained sand; contains beds of silt where gradational to Carmi Member; local lenses of sandy gravel along beaches." Overlying the Pleistocene deposits are surficial soil deposits which according to the Web Soil Survey (US Dept. of Agriculture, 2018), consist primarily of Urban Land – Milford association soils. These are "built-up areas and deep, gently rolling to nearly level, moderately well drained and poorly drained soils that have a clayey and silty subsoil; formed in glacial till."

According to the "Potential for Contamination of Shallow Aquifers in Illinois" (Richard C. Berg, John P. Kempton, ISGS, 1984), from the "Potential for Contamination of Shallow Aquifers from Land Burial of Municipal Waste (Plate 1)", the Site is located within the E rating area. The geologic materials in the E rating area consist of "uniform, relatively impermeable silty or clayey till or other fine-grained materials more than 50 feet thick; no sand and gravel identified." The potential for contamination is "low" because of low hydraulic conductivity, 1×10^{-9} to 1×10^{-7} cm/sec and good attenuation capacities. Based on the "Potential for Contamination of Shallow Aquifers by Surface and Near-Surface Waste Disposal (Plate 2)", the Site is located within the D2 rating area. The geologic materials in the D2 rating area consist of "uniform, relatively impermeable silty or clayey till or other fine-grained materials more than 20 feet thick; no sand and gravel identified." The potential for contamination is "low" because of low hydraulic conductivity, 1×10^{-9} to 1×10^{-7} cm/sec and good attenuation capacities.

According to the "Geologic Map of Illinois" (1:500,000; Kolata 2005) bedrock in the project area consists of Silurian dolomite. In the "Summary of the Geology of the Chicago Area" (Willman 1971) describes shallow groundwater in the Chicago area as being limited to sand and gravel

horizons in unconsolidated soil and fractured bedrock aquifers. The unconsolidated materials in this area consist primarily of clay with isolated lenses of sand material and are not considered aquifers. In the Chicago area, bedrock aquifers are found within Silurian, Ordovician and Cambrian formations, which are greater than 50 feet bgs.

GSG reviewed published geologic information to develop an understanding of Site geology and anticipated groundwater flow direction. Groundwater flow can be locally impacted by utilities, wells, or other man-induced changes, but generally corresponds with surface topography. The Site vicinity, as estimated from USGS Topographic maps, has an elevation of 615 feet above sea level. Based on the topography of the region, shallow groundwater is inferred to flow in a westerly direction, towards Lake Michigan.

2.2.3 SURFACE WATER BODIES

The closest surface water body to the Site is the Chicago Sanitary and Ship Canal, located approximately 2.5 miles northwest of the Site.

2.2.4 WETLANDS

According to the EDR Database search, The National Wetland Inventory, Evanston, IL Quadrangle does not indicate the presence of a wetland within the Site limits. The closest wetland is located approximately half of a mile southwest of the Site. The Overview Map of the Environmental Data Resources Report, included in Appendix E, shows the Site in relation to wetlands included in the National Wetland Inventory.

2.2.5 FLOOD MAPS

According to the EDR Database search, The Federal Emergency Management Agency does not indicate the presence of a 100-year floodplain within the Site limits. The Overview Map of the Environmental Data Resources Report, included in **Appendix E**, shows the Site in relation to the 100-year flood zone.

FEMA maps typically do not reflect potential local drainage problems or the ability of the local storm water management system to convey the surface water runoff created by storms or other occurrences.

3.0 PROPERTY BACKGROUND/OPERATING HISTORY

3.1 REVIEW OF AERIAL PHOTOGRAPHS

GSG reviewed reasonably ascertainable aerial photographs as part of the Phase I ESA. Aerial photographs from 1938, 1951, 1962, 1972, 1978, 1983, 1988, 1994, 1999, 2007, 2011, and 2017 were available for review.

- **1938** – The 1938 aerial photograph depicts the Site as undeveloped. The adjacent properties to the east and north also appear undeveloped. The adjacent properties to the west are developed with apparent residential properties. The adjacent property to the south is occupied by a large complex of structures of presumed industrial use, which include numerous buildings and railroad spurs.
- **1951** – The 1951 aerial photograph depicts the Site as “parking”, apparently for the industrial property to the south. The Site does not appear paved, as irregular pathways are visible. Additionally, the east adjacent properties and the eastern portion of the north adjacent properties have been developed with multiple structures of presumed residential use.
- **1962** – The 1962 aerial photograph depicts the Site and the adjacent properties as similar to the 1951 aerial photograph, with the exception that the majority of the north adjacent property is now occupied by a large structure and associated fields, which is presumed to be a public school.
- **1972** – The 1972 aerial photograph depicts the Site and the adjacent properties as similar to the 1962 aerial photograph, with the exception that the Site now appears to have been paved.
- **1978** – The 1978 aerial photograph appears to depict the Site and the adjacent properties as similar to the 1972 aerial photograph.
- **1983** – The 1983 aerial photograph depicts the Site and the adjacent properties as similar to the 1978 aerial photograph.
- **1988** – The 1988 aerial photograph depicts the Site and the adjacent properties as similar to the 1980 aerial photograph, with the exception that the Site appears to have been paved.
- **1994** – The 1994 aerial photograph depicts the Site and the adjacent properties as similar to the 1988 aerial photograph.

3.0 PROPERTY BACKGROUND/OPERATING HISTORY

- **1999** – The 1999 aerial photograph depicts the Site and the adjacent properties as similar to the 1994 aerial photograph, with the exception of the presumed school building on the north adjacent property, which has been expanded to the east.
- **2007** – The 2007 aerial photograph depicts the Site and the adjacent properties as similar to the 1999 aerial photograph; however, no vehicles appear present on the Site.
- **2011** – The 2011 aerial photograph depicts the Site and the adjacent properties as similar to the 2007 photograph, with the exception that the south adjacent properties have now been completely cleared of all structures.
- **2017** – The 2017 aerial photograph depicts the Site and the adjacent properties as similar to the 2014 photograph, with the exception of the north adjacent property, which has a new field in the location of the former parking area to the east of the structure.

The Aerial Photographs are included as **Appendix A**.

3.2 REVIEW OF TOPOGRAPHIC MAPS

GSG reviewed reasonably ascertainable Historical Topographic Maps as part of the Phase I ESA. Topographic Maps from 1889, 1891, 1893, 1900, 1901, 1928/1929, 1945, 1953, 1963, 1972, 1980, 1993, 1997/1998, and 2012 were available for review. The Site was depicted as undeveloped until the 1928/1929 topographic maps, at which point the Site was depicted as typical urban land (undeveloped), with a large industrial complex located on the adjacent property to the south. The 1953 topographic map depicts the adjacent property to the north developed with a school building and Chicago-Midway Airport further north. The 1963 topographic map labels the school building on the adjacent properties to the north as “Grimes Schl”. No landfills or mines were depicted.

Topographic Maps are included as **Appendix B**.

3.3 REVIEW OF SANBORN MAPS

GSG performed a search for reasonably ascertainable Sanborn Fire Insurance Rate Maps. Sanborn Fire Insurance Rate Maps dated 1925, 1949, 1950, 1975, 1987, 1989, 1992, 2002 and 2004. The observations noted during the review of the Sanborn Maps are included in the following paragraphs:

- **1925 Map** – The 1925 Sanborn Fire Insurance Map does not depict the eastern portion of the Site or the east adjacent properties. The Site, the north, and west adjacent properties are depicted as undeveloped. The south adjacent property, across W. 65th Street, is depicted as partially developed with a large industrial structure labeled as the “Continental Can Company Clearing Plant.”



3.0 PROPERTY BACKGROUND/OPERATING HISTORY

- **1949 Map** – The 1949 Sanborn Fire Insurance Map does not depict the Site or the north, east, and west adjacent properties. The south adjacent property is depicted as similar to the 1925 map, with the exception that the “Continental Can Co. Clearing Plant” has been further expanded to the east. It consists of four-stories and includes a “warehouse building”, “Tin Plate Storage & Factory”, and “Offices”, with an indicated construction date of “1917-18”.
- **1950 Map** – The 1950 Sanborn Fire Insurance Map depicts the Site labeled as “Parking”, with an alley depicted running east-west in the middle of the Site and one running north-south on the eastern portion of the Site. The adjacent properties to the east are now occupied by “dwellings”. Additionally, the adjacent property to the north of the Site, along 64th street, now appears to be partially developed (east portion) with two-story dwellings (row homes) with basements. Furthermore, the adjacent property to the south now includes a small “Gas Mixer Haz” building and two large “Lacquer B’L’D’G”s to the east of the original structure.
- **1975 Map** – The 1975 Sanborn Fire Insurance Map depicts the Site, as similar to the 1950 Sanborn Map, with the exception of north adjacent property, which is now developed with a structure labeled as “HALE PUBLIC SCHOOL”, “Build 1952”, “SCHOOL ANEXES” and “PLAYGROUND.” In addition, one of the west adjacent properties has been developed with a one-story dwelling with a basement. **Please note, the south adjacent property is labeled with the note “This Sheet not revised since 8/66”.**
- **1987 Map** – The 1987 Sanborn Fire Insurance Map depicts the Site and adjacent properties, as similar to the 1975 Sanborn Map, with the exception that the school building to the north is now labeled as “R. L. Grimes”.
- **1989 Map** – The 1989 Sanborn Fire Insurance Map depicts the Site and adjacent properties as similar to the 1987 Sanborn Map.
- **1992 Map** – The 1992 Sanborn Fire Insurance Map depicts the Site and adjacent properties as similar to the 1989 Sanborn Map.
- **2002 Map** – The 2002 Sanborn Fire Insurance Map depicts the Site and adjacent properties as similar to the 1992 Sanborn Map, with the exception of the school structure to the north, which has been expanded to the east.
- **2004 Map** – The 2004 Sanborn Fire Insurance Map depicts the Site and adjacent properties as similar to the 2002 Sanborn Map.

Copies of the Sanborn Fire Insurance Maps covering the Site and the immediately adjacent properties are included in **Appendix C**.

3.4 REVIEW OF CITY DIRECTORIES

A city directory search for the Site was requested from EDR. Available directories, including city, cross-reference, and telephone directories were reviewed by EDR from 1923 to 2005. The Site was not identified in the city directory. A north adjacent property (Robert L. Grimes Public School) was identified from 1971 to 2005.

The City Directory is included as **Appendix D**.

3.5 HISTORICAL CONCLUSIONS

According to the historical information reviewed, the Site was utilized as a parking lot, since sometime prior to 1951, possibly serving the industrial property to the south. The adjacent property to the south of the Site was developed, sometime prior to 1917-18, with an industrial property ("CONTINENTAL CAN COMPANY CLEARING PLANT"). The adjacent properties to the east and west of the Site were developed with residential properties sometime prior to 1950 and 1975, respectively. The adjacent properties to the north of the Site were developed with residential properties, along W. 64th Street, sometime prior to 1950 and with a public school, along W. 64th Place, in 1952. In our opinion, the historical industrial uses of the south adjacent properties, as well as the presence of unknown fill, utilized in the construction of the on-Site parking lot, represent Recognized Environmental Conditions (RECs) to the Site.

Exhibit 3, REC Map, shows the RECs on the Site.

4.0 REGULATORY REVIEW

4.1 REGULATORY DATABASE SEARCH AND SIGNIFICANT FINDINGS

GSG retained Environmental Data Resources, Inc. (EDR) to perform a standard ASTM radius environmental records search of state and federal government agencies records. The following table presents a summary of the database search radius used by EDR.

<u>FEDERAL STANDARD</u>		<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>	
NPL	1.0 mile	CDL	TP
Proposed NPL	1.0 mile	US HIST CDL	TP
NPL LIENS	Target Property (TP)	LIENS 2	TP
Delisted NPL	1.0 mile	LUCIS	0.5 miles
CERCLIS	0.5 miles	HMIRS	TP
CERC-NFRAP	0.5 miles	SPILLS	TP
CORRACTS	1.0 mile	RCRA-NonGen	0.25 miles
RCRA-TSDF	0.5 miles	DOR OPS	TP
RCRA-LQG	0.25 miles	DOD	1.0 mile
RCRA-SQG	0.25 miles	FUDS	1.0 mile
RCRA-CESQG	0.25 miles	CONSENT	1.0 mile
US ENG CONTROLS	0.5 miles	ROD	1.0 mile
US INST CONTROL	0.5 miles	UMTRA	0.5 miles
ERNS	TP	MINES	0.25 miles
<u>STATE AND TRIBAL STANDARD</u>		TRIS	TP
CAT	1.0 mile	TSCA	TP
SHWS	1.0 mile	FTTS	TP
SWF/LF	0.5 miles	HIST FTTS	TP
IL NIPC	0.5 miles	SSTS	TP
LUST	0.5 miles	ICIS	TP
LUST TRUST	0.5 miles	PADS	TP
INDIAN LUST	0.5 miles	MLTS	TP
UST	0.25 miles	RADINFO	TP
FEMA LUST	0.25 miles	FINDS	TP
ENG CONTROLS	0.5 miles	RAATS	TP
INST CONTROL	0.5 miles	UIC	TP
INDIAN VCP	0.5 miles	NPDES	TP
SRP	0.5 miles	DRYCLEANERS	0.25 miles
BROWNFIELDS	0.5 miles	IMPDMNT	0.5 miles
INDIAN UST	0.25 miles	AIRS	TP
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>		TIER 2	TP
US BROWNFIELDS	0.5 miles	INDIAN RESERV	1.0 mile
ODI	0.5 miles	SCRD DRYCLEANERS	0.5 miles
DEBRIS REGION 9	0.5 miles	PCB TRANSFORMER	TP
INDIAN ODI	0.5 miles	COAL ASH EPA	0.5 miles
US CDL	TP	COAL ASH DOE	TP
EDR Historical Cleaners	0.25 miles	PIMW	0.25 miles
		Manufactured Gas Plants	1.0 mile
		EDR Historical Auto Stations	0.25 miles



The following table presents a list of potential sources of environmental conditions within a one-eighth mile radius of the Site. Some of the EDR reported facilities and distances may be incorrectly reported, due to the size of the Site. GSG has attempted to verify measurements in order to reflect the correct distances.

A complete copy of the EDR report is included as **Appendix E**.

FACILITY NAME AND ADDRESS	CATEGORY	AGENCY I.D. #	APPROX. DISTANCE FROM PROPERTY
BOARD OF EDUCATION/GRIMES ROBERT L SCHOOL/ROBERT L GRIMES SCHOOL 5450 W. 64 TH PL CHICAGO, IL	TANKS RCRA-CESQG FINDS ECHO UST BOL CHICAGO ENV	5450W641952-05-23 ILR000033886 110005952610 110005952610 2033590 0316675060	NORTH ADJACENT PROPERTY
AVALON INDUSTRIES/ CROWN CORK AND SEAL/BUDGET RENT- A-CAR SYSTEMS/UNITED STATES CAN COMPANY/CONTINENTAL GROUP INC/PETERSON ELASTOMERS INC/CONTINENTAL CAN U S A PLANT #5/RAANI CORP 5401 W 65 TH /SITE B/5401 W. 65 TH STREET/5401 W. 65 TH ST 1 ST FLOOR/5353 W 65 TH ST BEDFORD PARK, IL	RCRA-CESQG RCRA-NONGEN/NLR FINDS ECHO UST LUST SRP CORRACTS SEMS-ARCHIVE	ILR000035915 ILD984785014 IL0000200527 ILD003913886 ILD982069080 ILD000803718 110005954002 110005860684 110009366177 110005873769 110005799582 110005954002 110005860684 110009366177 110005873769 110005799582 2032598 310125147 0316640008 ILD000803718 ILD000803718	SOUTH ADJACENT PROPERTY

FACILITY NAME AND ADDRESS	CATEGORY	AGENCY I.D. #	APPROX. DISTANCE FROM PROPERTY
CITI CORPORATION 5542 W 65 TH STREET CHICAGO, IL	TANKS	5542W651990-05-24	292 FT WSW
JOSEPH RAPPORT 5427 W 64 TH ST CHICAGO, IL	TANKS	5427W641956-10-05	295 FT N
VIKING METAL/ VIKING METAL CABINET CO INC 5321 W 65 TH ST/5321 W 065 TH STREET BEDFORD PARK, IL	UST RCRA NONGEN/NLR	2036821 ILD005127006	462 FT ESE
HARBOR PROPERTIES ASSOCIATES INC./LEE QUIGLEY CO 5301-5319 W. 65 TH STREET/5301 W 65 TH ST UNIT D BEDFORD PARK, IL	SRP INST CONTROLS ENG CONTROLS RCRA-LQG	310125256 310125256 310125256 ILR000195032	502 FT ESE
CEPE INCORPORATED 6425 S CENTRAL AVE CHICAGO, IL	TANKS	6425CEN1958-07-15 6425CEN1990-08-03	603 FT WNW

The database review also revealed facilities beyond a one-eighth mile radius of the Site. A complete copy of the EDR report is included as **Appendix E**.

Database Search Review Discussion

The Site is not identified in the database search. The following is a brief discussion of the properties identified in the database search.

- The **BOARD OF EDUCATION/GRIMES ROBERT L SCHOOL/ROBERT L GRIMES SCHOOL** property, located at 5450 W. 64TH Place, is a north adjacent property to the Site and is listed in the Chicago Tanks (TANKS), Resource Conservation and Recovery Act (RCRA) – Conditionally Exempt Small Quantity Generator (CESQG), Facility Index System (FINDS), Enforcement Compliance History Online (ECHO), Illinois Underground Storage Tanks (UST), Illinois Bureau of Land (BOL), and Chicago Environmental (CHICAGO ENV) databases. The property is listed with one (1) 2,000-gallon “Heating Oil” UST “Removed” on 7/21/1994 and two (2) 275-gallon “Fuel Oil” USTs installed on “3/31/53”, with no status or removal date



listed. The property is listed as a RCRA-CESQG of “Cadmium” (D006), “Lead” (D008), and “Mercury” (D009) and as a “Historical Generator” of “Cadmium” (D006), “Lead” (D008), “Mercury” (D009), and “Polychlorinated Biphenols” (PCBs). Based on our experience, schools are frequently issued RCRA Generator status for the disposal of hazardous wastes (Asbestos or/and Lead Based Paint), generated during renovation projects. Additionally, the property is listed in the ECHO database with “no violations”. The property is listed in the Chicago Environmental database for Environmental Permits: 1/23/1995 to 7/22/1995 for “Air Pollution Control Permit – Equipment Installation” and 11/6/1999-5/24/2000 for “Air Pollution Control Permit – Equipment Installation”. It is our opinion, that the presence of two (2) heating oil USTs on the BOARD OF EDUCATION/GRIMES ROBERT L SCHOOL/ROBERT L GRIMES SCHOOL property may represent a Recognized Environmental Condition to the Site.

- The **AVALON INDUSTRIES/CROWN CORK AND SEAL/BUDGET RENT-A-CAR SYSTEMS/UNITED STATES CAN COMPANY/CONTINENTAL GROUP INC/PETERSON ELASTOMERS INC/CONTINENTAL CAN U S A PLANT #5/RAANI CORP** property, located at 5401 W. 65th Street, is the south adjacent property to the Site and is listed in the RCRA-CESQG, RCRA-Non Generator(NONGEN)/No Longer Registered (NLR), FINDS, ECHO, UST, Leaking Underground Storage Tanks (LUST), Site Remediation Program (SRP), RCRA Corrective Action Sites (CORRACTS), and Superfund Enterprise Management System (SEMS) Archive databases. The property is listed as a RCRA-CESQG of “Ignitable Hazardous Wastes” (D001), “Corrosive Hazardous Waste” (D002) and as a “Historical Generator” of “Not Defined” (D000) “Ignitable Hazardous Wastes” (D001), “Corrosive Hazardous Waste” (D002), “Spent Halogenated Solvents” (F001), “Spent Non-Halogenated Solvents” (F005), “Not Defined” (F017), “Ethane, 1,1,1-Trichloro-“(U239), and “Benzene, Dimethyl- (I,T)” (U239). The property is listed in the CORRACTS database with a “low corrective action priority” and “RFI not Necessary” on 09/26/1992 related to a “Generators-General” violation with “Written Informal” enforcement action. The site is listed with one (1) 120-gallon “Gasoline”, two (2) 1,500-gallon “Kerosene”, one (1) 6,000-gallon “Gasoline”, one (1) 10,000-gallon “Diesel Fuel”, one (1) 12,000-gallon “Gasoline” and one (1) 15,000-gallon “Heating Oil” USTs listed as “Removed”; one (1) 280-gallon “Not Reported” UST listed as “Exempt from Registration”; one (1) 4,000-gallon “Diesel Fuel” UST listed as “Does Not Exist”; and one (1) 2,500-gallon “Not Reported” UST listed as “Abandoned in Place” are listed for the site. Additionally, a LUST incident “933025” reported on “11/19/1993” was listed for the site and the product was reported as “Diesel Oil.” The property is listed for an NFR Letter for the LUST incident issued on “09/26/1994” with no recording date. The site was also enrolled in the Site Remediation Program (SRP) in 2010; however, the status of the NFR letter is listed as “Not Reported”. It is our opinion, that due to its extensive industrial history, the lack of an NFR from the SRP, and the proximity to the Site, the AVALON INDUSTRIES/CROWN CORK AND SEAL/BUDGET RENT-A-CAR SYSTEMS/UNITED STATES CAN COMPANY/CONTINENTAL GROUP

INC/PETERSON ELASTOMERS INC/CONTINENTAL CAN U S A PLANT #5/RAANI CORP represents a Recognized Environmental Condition to the Site.

- The **CITI CORPORATION** property, located at 5542 W. 65th Street, is approximately 292 feet west-southwest of the Site and is listed in the TANKS database, with the comment “Work By: Challenge Construction; Remove 1-? Fuel Oil Tank Final 6/8/90”, with no other information listed. It is our opinion, that due to its distance from the Site, the CITI CORPORATION property does not represent a Recognized Environmental Condition to the Site.
- The **JOSEPH RAPPORT** property, located at 5427 W. 64th Street, is approximately 295 feet north of the Site and is listed in the TANKS database, with the comment “INSTALL 1-1K GAL FUEL OIL TANK FINAL 12/6/56”, with no other information listed. It is our opinion, that due to its distance from the Site, the JOSEPH RAPPORT property does not represent a Recognized Environmental Condition to the Site.
- The **VIKING METAL/ VIKING METAL CABINET CO INC** property, located at 5321 W. 65th Street, is approximately 462 feet east-southeast of the Site and is listed in the RCRA-NonGen and FINDS databases. According to the published information reviewed the property does not generate any hazardous wastes and was previously a Large Quantity Generator of “Spent Non-Halogenated Solvents” (F005). The RCRA Facility Violation Status does not report any violations for the site. It is our opinion, that due to the distance from the Site, the VIKING METAL/ VIKING METAL CABINET CO INC property does not represent a Recognized Environmental Condition to the Site.
- The **HARBOR PROPERTIES ASSOCIATES INC./LEE QUIGLEY CO** property, located at 5301 W. 65th Street, is approximately 502 feet east-southeast of the Site and is listed in the SRP, Institutional Controls, Engineering Controls, and RCRA-Large Quantity Generator (LQG) databases. According to the published information reviewed, the property was enrolled in the SRP on 02/06/2013, with a “focused” NFR letter recorded on 05/16/2013, for industrial/commercial land use, with institutional and engineering controls. The property is listed as a RCRA-LQG for “Ignitable Hazardous Wastes” (D001) and “Spent Non-Halogenated Solvents” (F003), with “no violations found”. It is our opinion, that due to the distance from the Site, the VIKING METAL/ VIKING METAL CABINET CO INC property does not represent a Recognized Environmental Condition to the Site.
- The **CEPE INCORPORATED** property, located at 6425 S. Central Avenue, is , is approximately 603 feet east-southeast of the Site and is listed in the TANKS database, for a UST installed on 07/15/1958, with the comment “Work By: Nyman Dickman; Install 1-1k Gal Fuel Oil Tank Final N/G” and a UST, with the comment “Work By: Standard Tank; Remove 1-1k W.O. Tk Final 10/26/90” with no other information listed. It is our opinion, that due to its distance from the Site, the CEPE INCORPORATED property does not represent a Recognized Environmental Condition to the Site.

4.2 FREEDOM OF INFORMATION ACT (FOIA) AND SIGNIFICANT FINDINGS

Freedom of Information Act (FOIA) requests were sent to federal, state, and local agencies in an effort to discover, permits, records, and file information pertaining to environmental conditions on the Site, violations of environmental regulations, and the construction or demolition of structures on the Site. Specific agencies contacted and information obtained are included in the following sections.

4.2.1 U.S. EPA

GSG submitted a FOIA request to the United States Environmental Protection Agency (USEPA) on November 27, 2018 requesting agency information regarding the Site. GSG has not received a response from all divisions of the U.S. EPA. GSG will issue a revision/addendum to this report if additional Recognized Environmental Conditions are identified. GSG obtained the following document from the U.S. EPA. GSG reviewed the following documents concerning the Site:

“Preliminary Assessment/Visual Site Inspection, Former Continental Can U.S.A. Plant #5, Bedford Park, Illinois”, PRC Environmental Management, Inc. (PRC), Prepared for U.S. Environmental Protection Agency, March 1993

PRC Environmental Management, Inc. (PRC), received a contract to conduct preliminary assessments and visual site inspections (PA/VSI) of hazardous waste treatment and storage facilities in Region 5. According to the report, “As part of the EPA Region 5 Environmental Priorities initiative, the RCRA and CERCLA programs are working together to identify and address RCRA facilities that have a high priority for corrective action using applicable RCRA and CERCLA authorities, the PA/VSI is the first step in the process of prioritizing facilities for corrective action.”

According to the report, “B&V Waste Science and Technology Corp. (BVWST) performed a preliminary assessment and visual site inspection (PA/VSI) to identify and assess the likelihood of releases from solid waste management units (SWMU) and other areas of concern (AOC) at the former Continental Can U.S.A. Plant #5 (Continental Can) facility in Bedford Park, Cook County, Illinois”. “The Continental Can facility produced tin cans and tin can parts” which were “lithographed with colors and organic protectants”. “Continental Can submitted a Part A permit application for storing hazardous waste in containers on October 31, 1980. The facility generated and managed the following waste streams: spent solvents (F005), aerosol press waste (F003), and obsolete lithographic materials (D001); non-hazardous waste oils, water-based compounds, waste detergent and concrete pad cleanup waste.”

The report states that, “Continental Can began its operations at the facility in 1938” and “produced tin cans and tin can parts at the facility. Tin, shipped to the facility in large coils, was cut into 30-inch square sheets and lithographed. The lithography lines coated the tin with

colors and organic protectants. Coated tin was sent to a kiln for curing. The kiln reportedly used an afterburner system to burn off gasses from the curing process.” “Raw materials used during the manufacturing process included paints, enamels, varnishes, naphtha, solvents, machine oil, and tin. Paints, enamels, and varnishes were stored in above ground product tanks near Section N, drummed solvents were stored in drum storage rooms. Naphtha was reportedly stored in an underground tank near Section K. Drummed machine oil is thought to have been stored in a Section J storage room, and tin was thought to have been stored in Section K.”

“In 1978, Continental Can sold the facility to Shetland Properties of Cook County, but continued to lease the eastern portion of the facility. In 1987, Shetland Properties of Cook County sold the facility to the current owners, Bedford Park W65 Associates. Also in 1987, United States Can Company (U.S. Can) succeeded Continental Can and ceased lithographic and manufacturing operations.” Additionally, it is mentioned that the “main parking lot for the facility is located north of 65th Street” (Site).

The PA/VSI identified two SWMUs and one AOC: SWMU 1 - “Former Drum Storage Area” was located “outdoors, south of the building” and was “RCRA clean closed in 1988”. It was also mentioned that this area had “no release controls”; SMWU 2 - “Satellite Accumulation Area” was located “on concrete floors with no drains in Section N of the facility”. “Section N” was located on the northeastern portion of the property along W. 65th Street, was used for the lithographic operations, and included a large kiln; AOC 1 - “Underground Naphtha Storage Tank”, a UST was located “in a courtyard near Section K” and was used to store “Naphtha”. “BVWST was not able to confirm the presence of the tank. It is not known if the tank was ever emptied, properly cleaned, or necessary documentation filed”. The report recommends that “further investigation is necessary to determine the potential for the presence of releases in this area.” Additionally, the walkthrough identified “six large above ground tanks used to store paint during operations.” These tanks were located along the northeast portion of the property near “Section N” of the facility.

U.S. Can submitted a closure plan for SWMU1, to the Illinois Environmental Protection Agency (IEPA), in 1988. The closure plan was approved by the IEPA, and the Former Drum Storage Area (SWMU 1) was RCRA clean closed in 1988. SWMU 2 is considered inactive. The IEPA approved the withdrawal of “U.S. Can’s” Part A Permit application in 1989.”

GSG performed an online search of the United States Environmental Protection Agency (USEPA) Envirofacts database on November 27, 2018 and did not obtain any records for the Site; however, information was provided regarding the adjacent industrial property to the south of the Site:

CONTINENTAL CAN CO – 5401 West 65th Street (South Adjacent)

Listed in the Air Facility System (AIRS/AFS), Air Program Information, Pollutant Data, Plant Actions, Toxics Release Inventory System (TRIS), and the Resource Conservation and Recovery Act (RCRA) Information System databases. The property was listed for “Potential Uncontrolled EM” from the property’s manufacturing of metal cans and is “Permanently Closed”. The property is also listed in “Pollutant Data” field with “Potential Uncontrolled EM” of “Volatile Organic Compounds”. The “Plant Action Data” field indicates a “State inspection – Level 2 or Greater” and “State Warning Letter”. The property is listed with “Toxic Releases of Reporting Year 1987”, showing a release of “1800” lbs. of “Certain Glycolethers” when “Chemicals Transferred to other Sites”, and with “Chemicals Released to Air” of “2,500” lbs. of “Certain Glycolethers” and “2,244” lbs. of “Xylene (Mixed Isomers)”. The property is also listed in the RCRA database with the handler type listed as “Permit Progress”, “TSDFs Potentially Subject to Corrective Action Under Discretionary Authority”, and “Subject to CA”. For a discussion of the regulatory records for this address, obtained by EDR, see *Section 4.1 - Regulatory Database Search and Significant Findings*.

4.2.2 IEPA

GSG submitted a FOIA request to the Illinois Environmental Protection Agency (IEPA) on November 27, 2018 requesting agency information regarding the Site. GSG has not received a response from all divisions of the IEPA. GSG will issue a revision/addendum to this report if additional Recognized Environmental Conditions are identified.

GSG performed an online search of the Illinois Environmental Protection Agency (IEPA) database on November 27, 2018 and no records were obtained for the Site; however, the following documents were obtained for the adjacent properties:

“Comprehensive Site Investigation Report (FSIR) [sic], Remediation Objectives Report (ROR), Remedial Action Plan (RAP) and Remedial Action Completion Report (RACR), Bedford Industrial Center, LLC, 5401 W. 65th Street, Bedford Park, Illinois”, ETS Environmental & Associates, Inc., February 2010 (South Adjacent)

According to the report, a “Comprehensive Site Investigation” was conducted at the property for the purpose of obtaining a “Comprehensive No Further Remediation” letter. The report includes a map, which generally depict the groundwater flow direction to the northwest; a map, which depicts “areas of concern”, including approximately five (5), located on the north of the property, along W. 65th Street; and another map, which depicts a “PNA & Arsenic” plume on the northeast corner of the property. Additionally, the report mentions that the “Raani Corporation manufactured shampoo, deodorant and other health and beauty products. Raani Corporation stored approximately 1,900 chemicals on-site.”

“Illinois Environmental Protection Agency (IEPA) Review of Site Remediation Program/Technical Reports, Bedford Park / United States Can Company Site, 5401 W. 65th Street, Bedford Park, Illinois”, Illinois Environmental Protection Agency (IEPA), May 24, 2010 (South Adjacent)

This document states, “The Illinois Environmental Protection Agency (IEPA) has reviewed the Focused Site Investigation Report, Remediation Objectives Report, Remedial Action Plan and Remedial Action Completion Report... prepared by ETS Environmental & Associates, Inc. for the above Remediation Site (Property at 5401 W. 65th Street). The document is denied at this time, but will be reconsidered pending satisfactory responses to the following comments and questions.” One of the comments is regarding an “SPLP Arsenic” value “above the Hazardous Toxicity Characteristic limit” and that it “may be an issue for Lead and/or Mercury”. These results were utilized for groundwater modeling and predicted the “distance to meet the Class II GRO is more than a mile”.

“Notice of Termination of the Site Remediation Program Application and Services Agreement, Bedford Park/United States Can Company, Bedford Park, Illinois”, Illinois Environmental Protection Agency (IEPA), February 5, 2016 (South Adjacent)

This document states “that the Illinois Environmental Protection Agency (“Illinois EPA”) has, as of this date, terminated the Site Remediation Program Review and Evaluation Services Agreement (“Agreement”) with Bedford Industrial Center, LLC for the above referenced site (Bedford Park/United States Can Company).

“45 Day Report Enclosure, W65 Bedford Park Associates, 5401 W. 65th Street, Bedford Park, Illinois”, Woodward-Clyde Consultants, January 1994 (South Adjacent)

According to the document, a 45-day report was completed for a confirmed release of “Diesel Fuel and Used Oil” from two (2) USTs, located on the “south central portion of the property” and the volume of release is “unknown” and “samples were not collected”.

The document states that: “the following USTs are located on the site. UST No. 1 – 120 gal gasoline tank – still in use, and UST No. 6 - 2,500 gal naphthalene tank – application filed to abandon in place”; and “the following USTs were removed from the site. UST No. 2 – 10,000 gal diesel fuel tank – release occurred and tank removed, UST No. 3 – 280 gal alcohol tank – removed, UST No. 4 – 15,000 gal #6 fuel tank – removed, UST No. 5 – 1,500 gal kerosene tank – removed, UST No. 5A – 1,500 gal kerosene tank – removed, and UST No. 9 – 6,000 gal fuel tank – release occurred and tank removed.” As part of the activities “A total of six USTs were removed. A release of petroleum product was observed at UST Nos. 2 and 9.” The report states that “UST No. 6 will to [sic] be abandoned in place pending OSFM approval due to the close proximity of the surrounding building walls.” A “UST Map”, with the locations of the USTs, is included in the report and depicts “UST #1”, “UST #3”, and a large bank of “Electrical Transformers”, located on the northern portion of the property, along W. 65th street.

4.2.3 CITY OF CHICAGO

GSG verified the results of the EDR search of the Chicago Department of Public Health (CDPH) Environmental Records database, regarding registered USTs or other potential sources of Recognized Environmental Conditions associated with the Site, on November 27, 2018. No records were listed for the Site; however, records were obtained for the north adjacent property. For a full discussion of the records from the CDPH database, please see *Section 4.1*.

4.2.4 OSFM

GSG submitted a FOIA request to the Office of the State Fire Marshal (OSFM) On November 27, 2018 requesting agency information regarding the Site. GSG received a response on November 27, 2018 stating “We have carefully searched our office records in response to your request. Unfortunately, the OSFM does not have any records that are responsive to your specific request”

GSG performed an online search of the Office of State Fire Marshal (OSFM) UST database on November 27th, 2018 and no records were obtained for the Site; however, the following records were obtained for the adjacent properties:

Budget Rent-A-Car Systems, 5401 W. 65th Street, Bedford Park, Illinois (South Adjacent)

Listed with one (1) 120-gallon, gasoline UST, with a status of “removed”; one (1) 10,000-gallon, diesel fuel UST, with a status of “removed”; one (1) 280-gallon UST, with no product listed and a status of “removed”; one (1) 15,000-gallon, heating oil UST, with a status of “removed”; one (1) 1500-gallon, kerosene UST, with a status of “removed”; one (1) 2500-gallon UST, with no product listed and a status of “removed”; one (1) 6000-gallon, gasoline UST, with a status of “removed”; one (1) 1500-gallon, kerosene UST, with a status of “removed”; one (1) 12,000-gallon, gasoline UST, with a status of “removed”; and one (1) 4,000-gallon diesel fuel UST, with a status of “Does Not Exist”.

FOIA requests and responses are included as **Appendix F**.

4.3 INTERVIEWS

A Phase I ESA normally includes interviews with client/report user, current and past site owners/operators/occupants to help identify sources of potential environmental concern. Per the client, “no interviews (are) to be conducted unless a list of potential contacts is provided and the interview approval is given in writing by PBC”. GSG will issue an addendum if interviews are conducted and additional Recognized Environmental Conditions are identified.

4.3.1 INTERVIEW WITH OWNER

See Section 4.3.

4.3.2 INTERVIEW WITH CLIENT/REPORT USER

See Section 4.3.

4.3.3 INTERVIEW WITH KEY SITE MANAGER

See Section 4.3.

4.3.4 INTERVIEW WITH PAST OWNERS, OPERATORS AND OCCUPANTS

See Section 4.3.

The Environmental Questionnaire is included as **Appendix G**.

4.4 REGULATORY REVIEW CONCLUSIONS

According to the regulatory information reviewed, the Site is not listed in any of the regulatory databases. The Site shared ownership with and was utilized for parking, by the industrial facility on the south adjacent property. The south adjacent was occupied by "The Continental Can facility", which "produced tin cans and tin can parts", which were "lithographed with colors and organic protectants". Raw materials used during the manufacturing process included paints, enamels, varnishes, naphtha, solvents, machine oil, and tin. The south adjacent property was also used by the Raani Corporation, which manufactured shampoo, deodorant and other health and beauty products. The Raani Corporation "stored approximately 1,900 chemicals on-site."

The adjacent property to the south was present in a multitude of regulatory databases with records including eleven (11) USTs, LUSTs, SRP enrollment, and RCRA Generator status among others. Additionally, the south adjacent property is identified in documents related to SRP activities, as having potentially hazardous levels of Lead, Mercury, and Arsenic on the northern portion of the property, close to the Site. Groundwater modeling predicted the "distance to meet the Class II GRO for Arsenic is more than a mile".

The adjacent property to the south represents a Recognized Environmental Condition to the Site, due the presence of the property in regulatory databases and documents for numerous USTs, LUST incidents, SRP enrollment, and the presence of contaminants.

Exhibit 3, REC Map, shows the RECs on the Site.



5.0 PROPERTY INSPECTION

5.1 PROPERTY RECONNAISSANCE

GSG performed reconnaissance of the Site and of publicly visible portions of adjoining properties to obtain information indicating the likelihood of identifying Recognized Environmental Conditions in connection with the Site. GSG conducted the Site reconnaissance, only from publicly accessible rights-of-ways. The observations of the Site and adjacent properties are limited by the snow coverage at the time of the Site reconnaissance. Due to the nature of the Site, these limitations are not expected to change the results of this report. The Site reconnaissance was performed by Ms. Brigid Murphy and Mr. Ted Cagney of GSG on November 27, 2018.

The Site is approximately 163,938 square feet (3.76 acres) in size and consists of a fenced, asphalt paved, former parking lot. The Site is bordered by West 64th Place followed by R. L. Grimes Public School and residential properties to the north; by South Long Avenue followed by Residential properties to the east; by South Linder Avenue, followed by residential properties to the west; and by West 65th Street, followed by vacant lots to the south.

Site and vicinity photographs are included as **Appendix H**.

5.1.1 HAZARDOUS/PETROLEUM PRODUCTS

During the Site reconnaissance, GSG looked for indications of the use, treatment, storage, disposal, and generation of hazardous substances and petroleum products on the Site. No hazardous or petroleum products were observed during the Site reconnaissance.

5.1.2 TANKS/VENT/FILL PIPES

No vent or fill pipes or any other signs of USTs were observed by GSG during the Site reconnaissance.

5.1.3 BUILDING FOUNDATIONS

No building foundations were observed by GSG during the Site reconnaissance.

5.1.4 ODOR/STAINING ETC.

No unusual odors or staining were observed by GSG during the Site reconnaissance.

5.1.5 DRUMS/OTHER CONTAINERS

No drums or other containers were observed by GSG during the Site reconnaissance.



5.1.6 DEBRIS/SOLID WASTE/WASTE WATER

No debris/solid waste/waste water was observed by GSG during the Site reconnaissance.

5.1.7 TRANSFORMERS

No transformers were observed during the Site reconnaissance.

5.1.8 STRESSED VEGETATION

Due to the presence of snow cover, no observations regarding the presence of stressed vegetation could be made.

5.1.9 PITS, PONDS, OR LAGOONS

No pits, ponds or lagoons were observed by GSG during the Site reconnaissance.

5.1.10 WELLS AND SEPTIC SYSTEMS

No wells or septic systems were noted on the Site.

5.1.11 SEWAGE AND SURFACE DISCHARGE AND DISPOSAL

Sanitary discharges are directed into the municipal sanitary sewer system (Metropolitan Water Reclamation District of Greater Chicago). No wastewater treatment facilities are located on the subject property.

Storm water is removed primarily by surface flow across the paved surfaces towards the public right of way storm water drains. The subject property is connected to a municipal owned and operated sewer system.

5.1.12 VAPOR INTRUSION/MIGRATION

GSG performed a Vapor Intrusion Assessment (Tier 1 Screen) in general accordance of ASTM Standard Practice E 2600-10 for the subject property. The purpose of the Vapor Intrusion Assessment was to identify existing or potential Vapor Intrusion Conditions (pVIC) (as defined in ASTM Standard E 2600-10) affecting the subject property. The Tier 1 Screen is included as Appendix I.

A vapor encroachment worksheet and Vapor Encroachment Screen (VES) pursuant to ASTM E 2600-10 was provided by EDR and completed by GSG on November 28, 2018. Based on the findings of the Tier 1 (non-invasive) Screen and the VES, due to the Site and adjacent property use and associated USTs, vapor intrusion cannot be ruled out because a Vapor Encroachment

Condition (VEC) exists or is likely to exist.

5.2 ADJACENT PROPERTIES RECONNAISSANCE

GSG looked for indications of the treatment, storage, disposal and generation of hazardous substances and petroleum products on the properties immediately adjacent to the Site from publicly accessible vantage points. Please note, that the presence of snow cover at the time of the Site reconnaissance precludes any detailed observations.

5.2.1 HAZARDOUS/PETROLEUM PRODUCTS

No hazardous materials or petroleum products were noted on the adjacent properties by GSG during the Site reconnaissance.

5.2.2 TANKS/VENT/FILL PIPES

No tanks, vent pipes, or fill pipes were observed on the adjacent properties by GSG during the Site reconnaissance.

5.2.3 BUILDING FOUNDATIONS

The adjacent properties to the north, east, and west are occupied by resident and commercial structures.

5.2.4 ODOR/STAINING ETC.

No odors/staining were observed on the adjacent properties by GSG during the Site reconnaissance.

5.2.5 DRUMS/OTHER CONTAINERS

No drums or other containers were observed at the adjacent properties by GSG during the Site reconnaissance.

5.2.6 DEBRIS

No debris was observed by GSG during the Site reconnaissance.

5.2.7 TRANSFORMERS

Three (3) pole-mounted transformers were observed on the south adjacent property by GSG during the Site reconnaissance.

5.2.8 STRESSED VEGETATION

Due to the presence of snow cover, no observations regarding the presence of stressed vegetation could be made.

5.3 SUMMARY PROPERTY RECONNAISSANCE

Based on the Site reconnaissance performed on November 27th, 2018, the Site is currently a fenced, asphalt paved, vacant parking lot. No evidence of Recognized Environmental Conditions (RECs) in connection with the Site were identified during the Site reconnaissance.

Based on the findings of the Tier 1 (non-invasive) Screen and the VES, due to the historical uses of the Site and adjacent properties a Vapor Encroachment Condition (VEC) cannot be ruled out.

Exhibit 3, REC Map, shows the RECs on the Site.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Public Building Commission of Chicago (PBCC) (Client) retained GSG Consultants, Inc. (GSG) to perform a Phase I Environmental Site Assessment (ESA) for the property located at 5423 W. 64th Place, which is bounded by W. 64th Street on the north, W. 65th Street on the south, S. Long Avenue on the east and Linder Avenue on the West (Site) in Chicago, Illinois. GSG performed the Phase I ESA in accordance with the American Society for Testing and Materials (ASTM) Designate E1527-13, *Standard Practice for Environmental Site Assessments*. Any exceptions to, or deletions from, of this practice are described in Section 1.4 of this report.

There were no known or suspect **Recognized Environmental Conditions (RECs), Historic Recognized Environmental Conditions (HRECs), Controlled Recognized Environmental Conditions (CRECs),** or **De Minimis Conditions** identified at the Site except for the following:

Recognized Environmental Conditions (RECs):

Suspect Presence of Impacted Subsurface: Impacted soil/water/or soil gas may be present at the Site due to the unknown fill utilized in the construction of the parking lot on-Site. Additionally, due to the association of the Site with, and the historical use of, the south adjacent property as an industrial facility (“AVALON INDUSTRIES/CROWN CORK AND SEAL/BUDGET RENT-A-CAR SYSTEMS/UNITED STATES CAN COMPANY/CONTINENTAL GROUP INC/PETERSON ELASTOMERS INC/CONTINENTAL CAN U S A PLANT #5/RAANI CORP”), which included the former presence of leaking USTs, a total of 11 USTs, enrollment in the Site Remediation Program (SRP), and RCRA Generation status. Additionally, an investigation completed as part of SRP activities in February 2010, found the presence of an “SPLP Arsenic” value “above the Hazardous Toxicity Characteristic limit” and the groundwater modeling conducted determined that the “distance to meet the Class II GRO is more than a mile” from the source. GSG recommends performing a Phase II Environmental Site Assessment to determine if the Site has been adversely impacted.

7.0 REFERENCES AND RECORDS OF COMMUNICATION

1925, 1949, 1950, 1975, 1987, 1989, 1992, 2002 and 2004 – Sanborn Fire Insurance Map, EDR Sanborn, Inc., Milford, CT

1889, 1891, 1893, 1900, 1901, 1928/1929, 1945, 1953, 1963, 1972, 1980, 1993, 1997/1998, and 2012 – Historical Topographic Map, Berwyn Quadrangle, EDR Inc., Milford, CT

1938, 1951, 1962, 1972, 1978, 1983, 1988, 1994, 1999, 2007, 2011, and 2017 – Aerial Photograph Map, EDR Aerial Photo Decade Package, Milford, CT

2018 – City Directory, Environmental Data Resources, Milford, CT, 2018

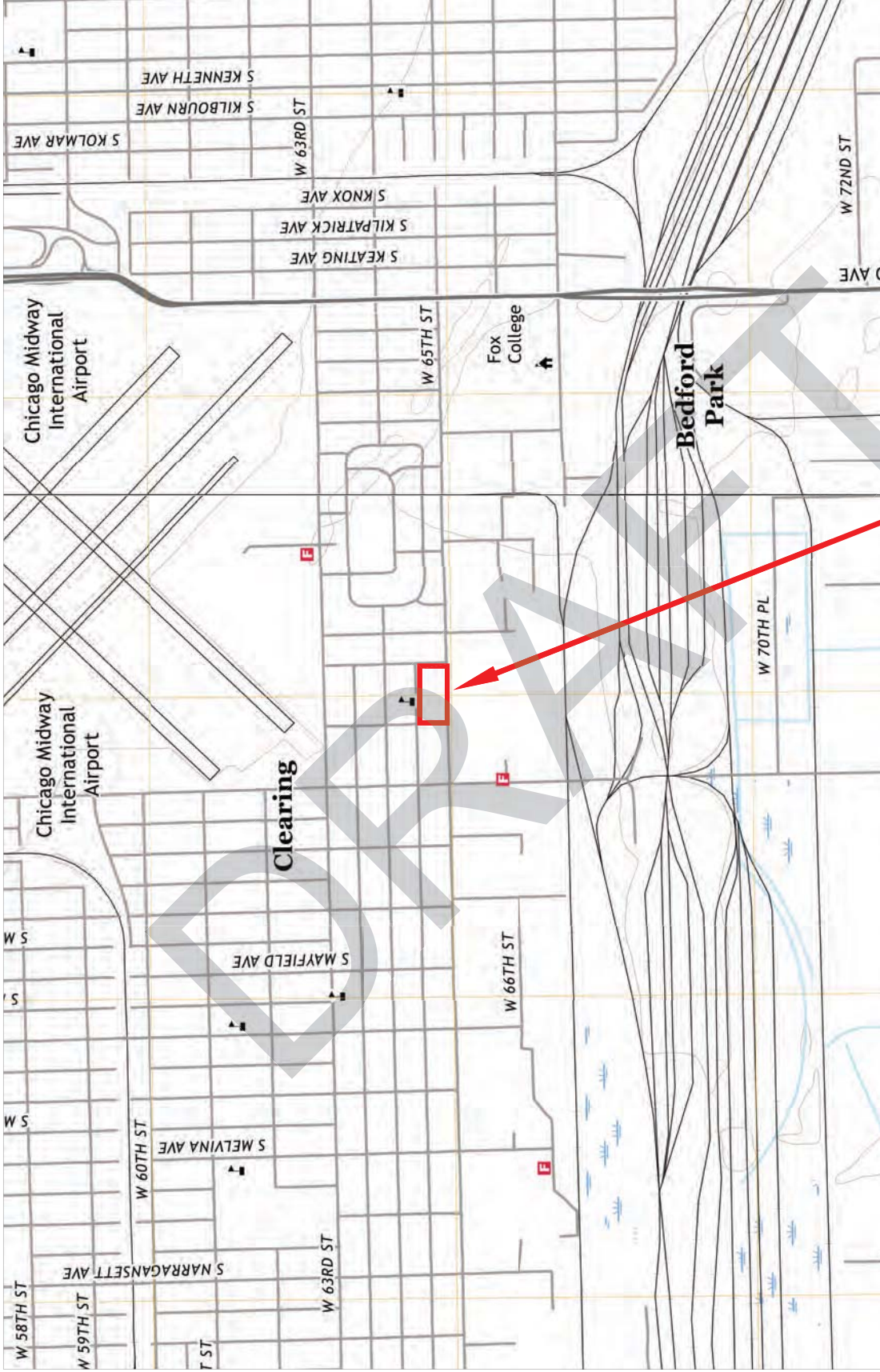
2018 – Environmental Data Resources, Inc., EDR Radius Map with Geocheck, 2018

2018 – Environmental Data Resources, Inc., EDR Vapor Encroachment Screen, 2018

EXHIBITS

- EXHIBIT 1 Site Location Map - USGS 7.5-minute Berwyn Quadrangle Map**
- EXHIBIT 2 Site Layout Map**
- EXHIBIT 3 REC Map**

DRAFT



2018 USGS 7.5-minute Berwyn and Englewood Quadrangles

SITE LOCATION



623 Cooper Court • Schaumburg, IL 60173
Tel: 630.994.2600 • Fax: 312.733.5612
www.gsg-consultants.com

SCALE:	NTS	DRAWN BY:	IM
		CHECKED BY:	DM
		DATE: 11/28/2018	

EXHIBIT 1 - SITE LOCATION MAP
VACANT PARKING LOT
5423 WEST 64TH PLACE
CHICAGO, IL



SUBJECT SITE



623 Cooper Court • Schaumburg, IL 60173
Tel: 630.994.2600 • Fax: 312.733.5612
www.gsg-consultants.com

SCALE:	NTS	DRAWN BY:	IM
		CHECKED BY:	DM
		DATE:	11/28/2018

EXHIBIT 2 - SITE LAYOUT MAP
VACANT PARKING LOT
5423 WEST 64TH PLACE
CHICAGO, IL





GSG CONSULTANTS, INC.
ENGINEERS • SCIENTISTS • CONSTRUCTION MANAGERS

623 Cooper Court • Schaumburg, IL 60173
Tel: 630.994.2600 • Fax: 312.733.5612
www.gsg-consultants.com

SCALE:	NTS	DRAWN BY:	IM
		CHECKED BY:	DM
		DATE:	11/28/2018

EXHIBIT 3 - REC MAP
VACANT PARKING LOT
5423 WEST 64TH PLACE
CHICAGO, IL

APPENDICES

APPENDIX A	Aerial Photographs
APPENDIX B	Historic Topographic Maps
APPENDIX C	Sanborn Fire Insurance Maps
APPENDIX D	City Directory
APPENDIX E	Regulatory Database Information
APPENDIX F	FOIA Requests/Responses/Documents Reviewed
APPENDIX G	Environmental Questionnaire
APPENDIX H	Photographs
APPENDIX I	Vapor Encroachment Screen
APPENDIX J	Consultant Qualifications

APPENDIX A

Aerial Photographs

DRAFT



Proposed Hancock Replacement H.S.

W 65th St & S Long Ave

Chicago, IL 60638

Inquiry Number: 5492075.8

November 26, 2018

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

11/26/18

Site Name:

Proposed Hancock Replaceme
W 65th St & S Long Ave
Chicago, IL 60638
EDR Inquiry # 5492075.8

Client Name:

GSG Environmental Group, LLC.
623 Cooper Court
SCHAUMBURG, IL 60173
Contact: Nils Clausen



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2014	1"=500'	Flight Year: 2014	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2007	1"=500'	Flight Year: 2007	USDA/NAIP
1999	1"=500'	Acquisition Date: March 22, 1999	USGS/DOQQ
1994	1"=500'	Flight Date: March 25, 1994	NAPP
1988	1"=500'	Flight Date: April 12, 1988	NAPP
1983	1"=500'	Flight Date: April 25, 1983	NHAP
1978	1"=500'	Flight Date: October 30, 1978	USGS
1972	1"=500'	Flight Date: October 26, 1972	USGS
1962	1"=500'	Flight Date: April 20, 1962	USGS
1951	1"=500'	Flight Date: December 04, 1951	USGS
1938	1"=500'	Flight Date: November 29, 1938	ILGS

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



INQUIRY #: 5492075.8

YEAR: 2017

— = 500'





INQUIRY #: 5492075.8

YEAR: 2014

— = 500'





INQUIRY #: 5492075.8

YEAR: 2011

= 500'





INQUIRY #: 5492075.8

YEAR: 2007

— = 500'





INQUIRY #: 5492075.8

YEAR: 1999

— = 500'





INQUIRY #: 5492075.8

YEAR: 1994

— = 500'





INQUIRY #: 5492075.8

YEAR: 1988

— = 500'





INQUIRY #: 5492075.8

YEAR: 1983

— = 500'





INQUIRY #: 5492075.8

YEAR: 1978

— = 500'



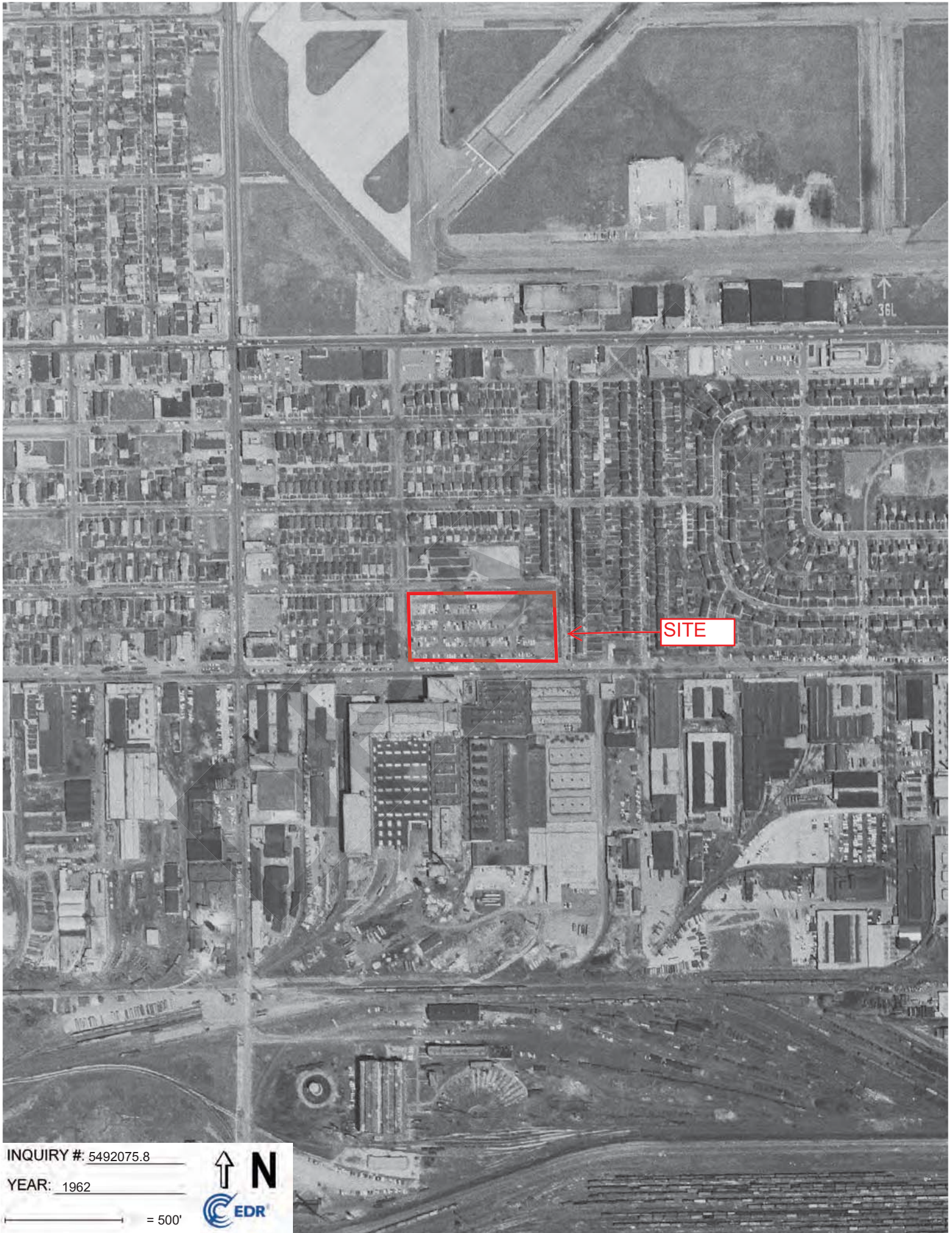


INQUIRY #: 5492075.8

YEAR: 1972

0 500'



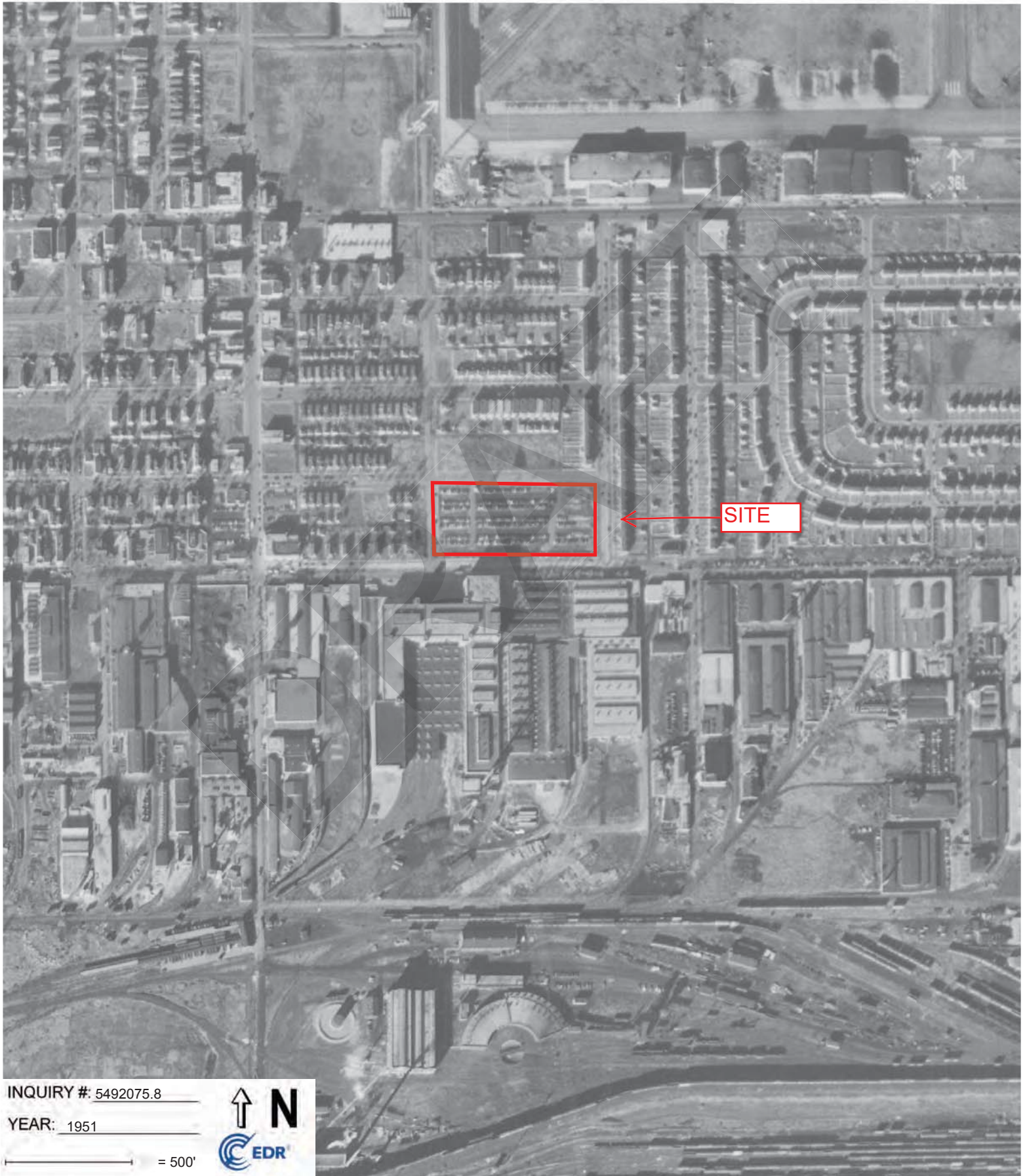


INQUIRY #: 5492075.8

YEAR: 1962

— = 500'



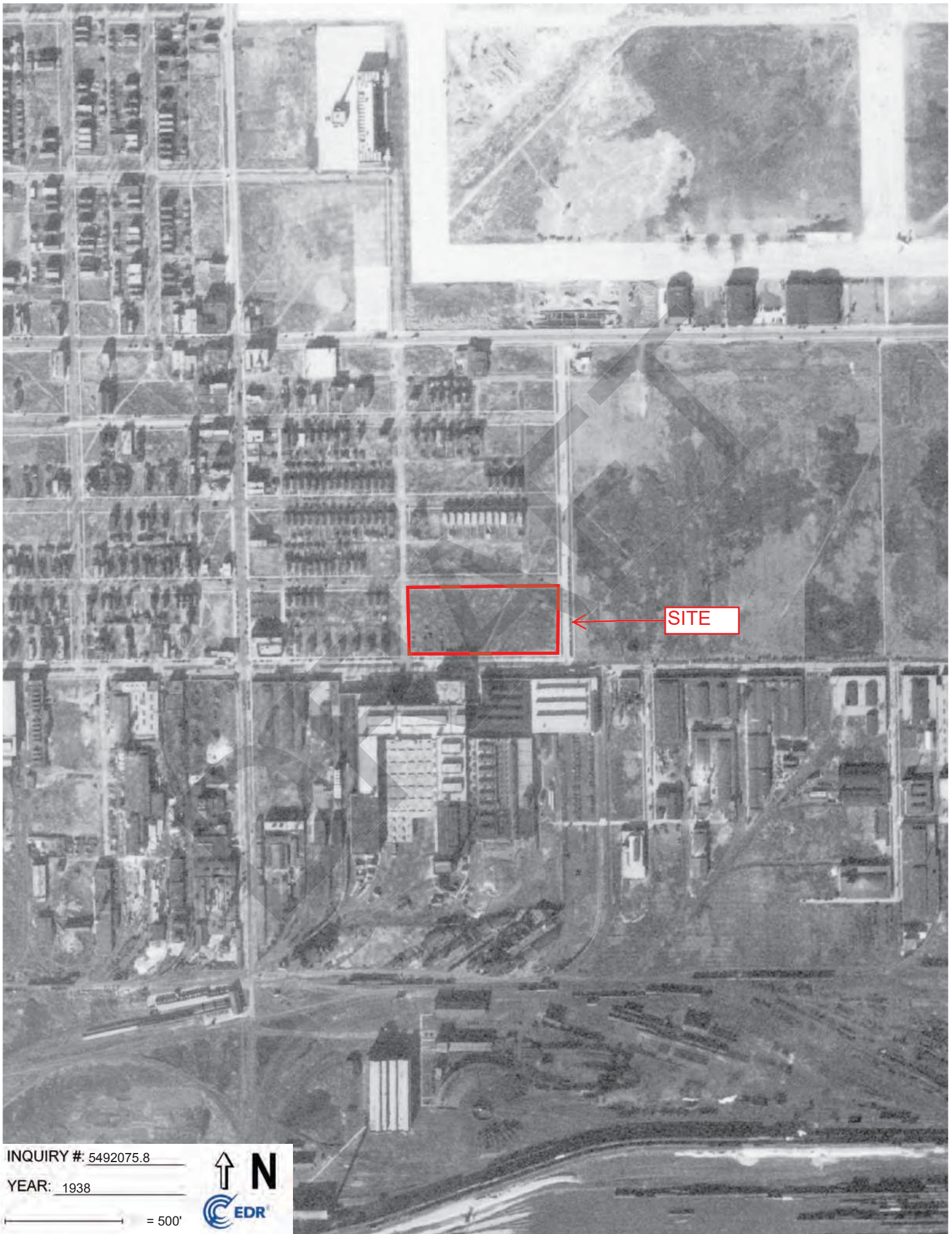


INQUIRY #: 5492075.8

YEAR: 1951

= 500'





INQUIRY #: 5492075.8

YEAR: 1938

— = 500'



APPENDIX B

Historical Topographic Maps

DRAFT



Proposed Hancock Replacement H.S.

W 65th St & S Long Ave

Chicago, IL 60638

Inquiry Number: 5492075.4

November 21, 2018

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/21/18

Site Name:

Proposed Hancock Replaceme
W 65th St & S Long Ave
Chicago, IL 60638
EDR Inquiry # 5492075.4

Client Name:

GSG Environmental Group, LLC.
623 Cooper Court
SCHAUMBURG, IL 60173
Contact: Nils Clausen



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by GSG Environmental Group, LLC. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	NA	Latitude:	41.77494 41° 46' 30" North
Project:	Proposed Hancock Replaceme	Longitude:	-87.757959 -87° 45' 29" West
		UTM Zone:	Zone 16 North
		UTM X Meters:	437006.72
		UTM Y Meters:	4625066.16
		Elevation:	615.00' above sea level

Maps Provided:

2012	1928, 1929
1997, 1998	1901
1993	1900
1980	1893
1972	1891
1963	1889
1953	
1945	

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Berwyn

7.5-minute, 24000



Englewood

7.5-minute, 24000

1997, 1998 Source Sheets



Englewood

7.5-minute, 24000
Aerial Photo Revised 1997



Berwyn

7.5-minute, 24000
Aerial Photo Revised 1998

1993 Source Sheets



Berwyn

7.5-minute, 24000
Aerial Photo Revised 1988



Englewood

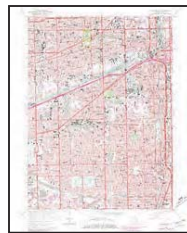
7.5-minute, 24000
Aerial Photo Revised 1988

1980 Source Sheets



Berwyn

7.5-minute, 24000
Aerial Photo Revised 1978



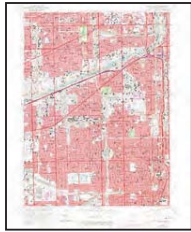
Englewood

7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1972 Source Sheets



Englewood

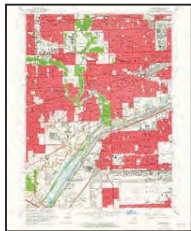
7.5-minute, 24000
Aerial Photo Revised 1972



Berwyn

7.5-minute, 24000
Aerial Photo Revised 1972

1963 Source Sheets



Berwyn

7.5-minute, 24000
Aerial Photo Revised 1963



Englewood

7.5-minute, 24000
Aerial Photo Revised 1963

1953 Source Sheets



Englewood

7.5-minute, 24000



Berwyn

7.5-minute, 24000

1945 Source Sheets



Berwyn

7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1928, 1929 Source Sheets



Berwyn

7.5-minute, 24000



Englewood

7.5-minute, 24000

1901 Source Sheets



Riverside

15-minute, 62500



Chicago

15-minute, 62500

1900 Source Sheets



Chicago

15-minute, 62500



Riverside

15-minute, 62500

1893 Source Sheets



Riverside

15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1891 Source Sheets



Chicago

15-minute, 62500



Riverside

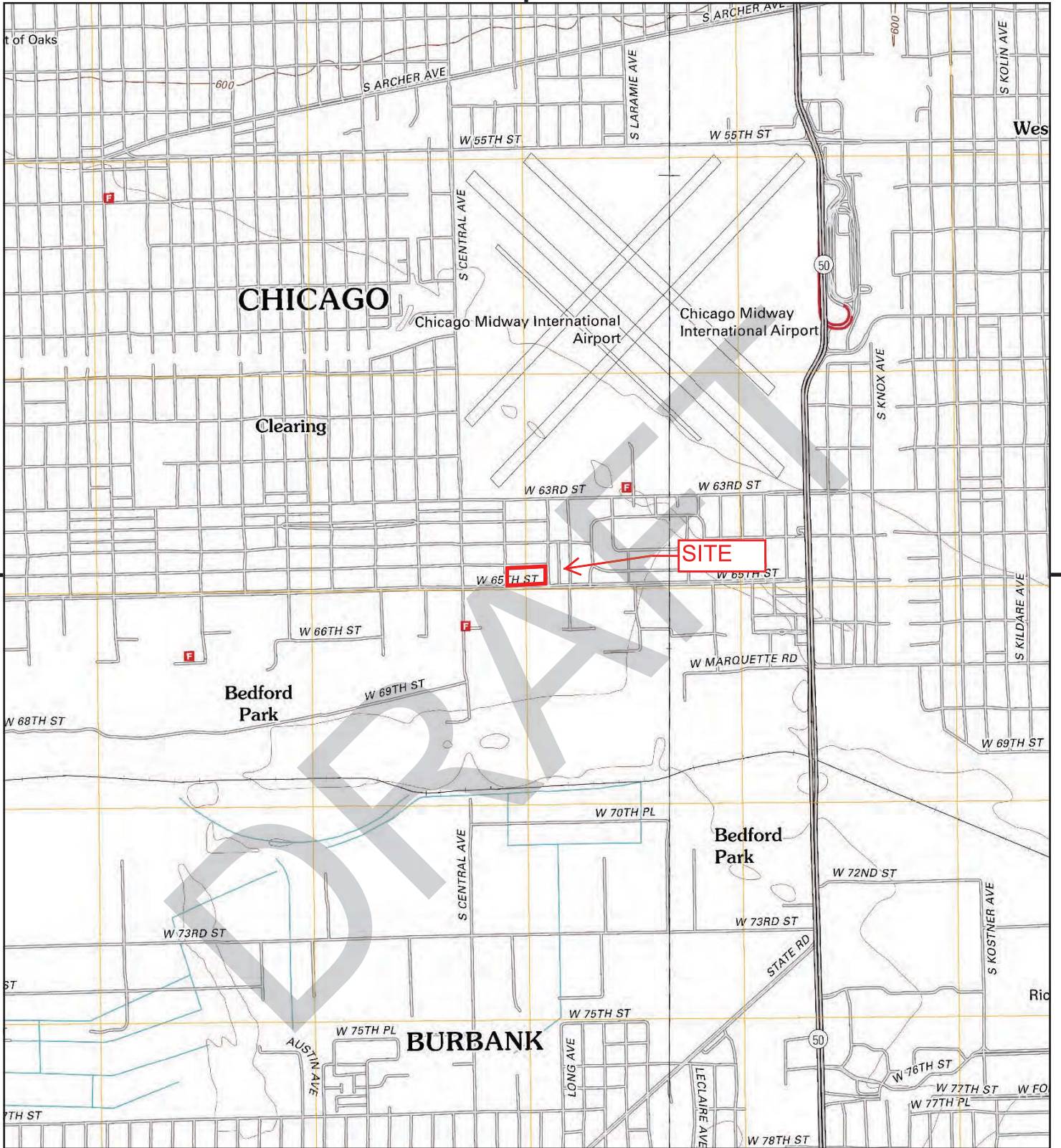
15-minute, 62500

1889 Source Sheets

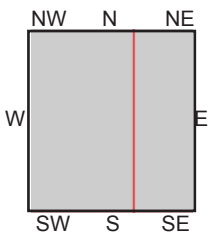
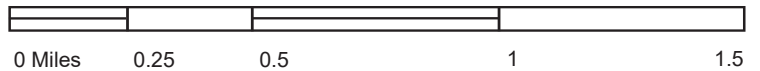


Chicago

15-minute, 62500



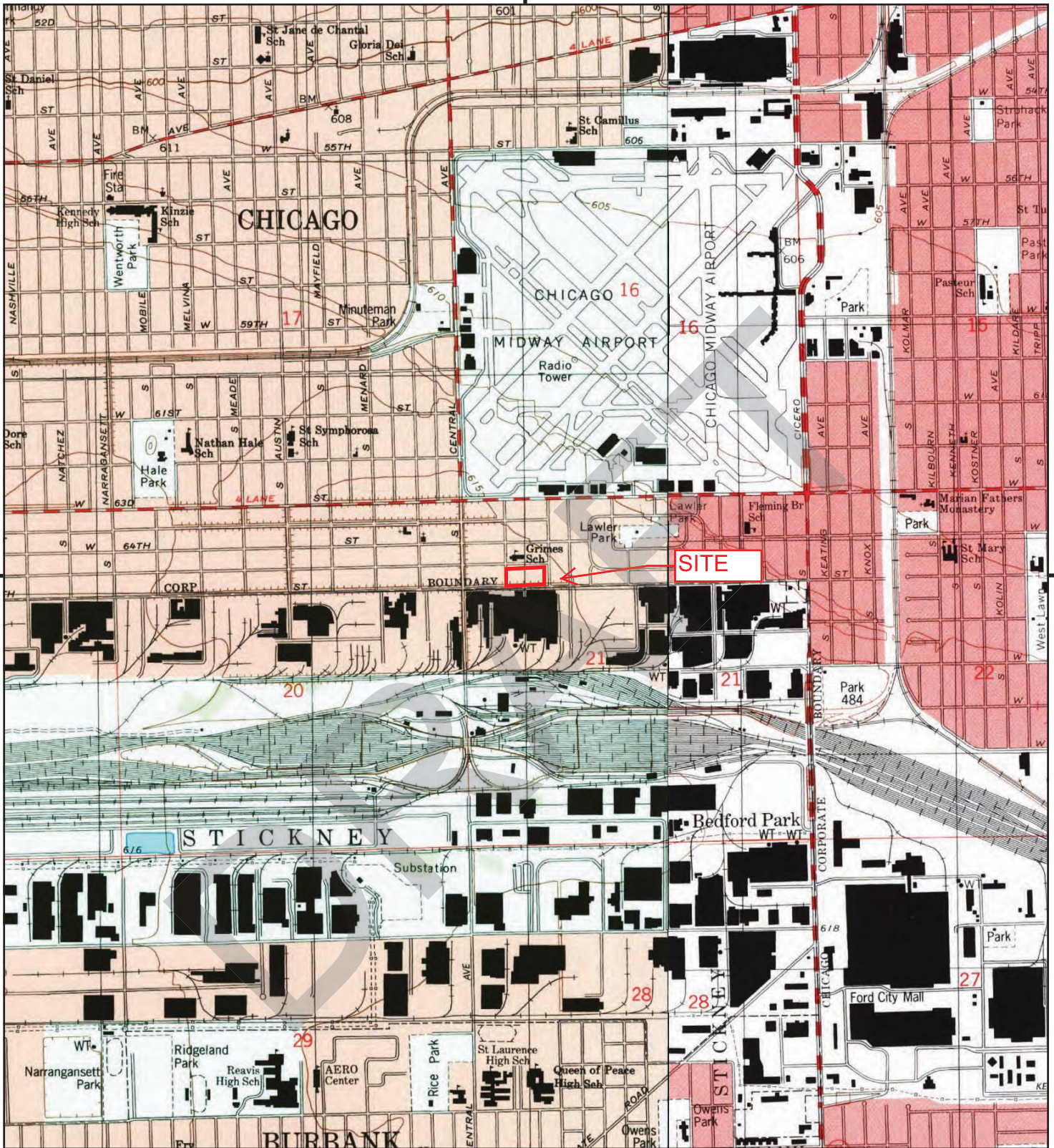
This report includes information from the following map sheet(s).



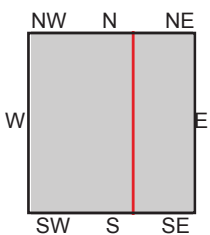
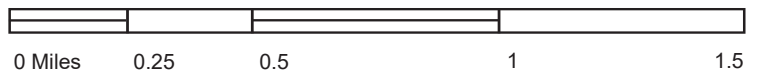
TP, Berwyn, 2012, 7.5-minute
NE, Englewood, 2012, 7.5-minute

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.





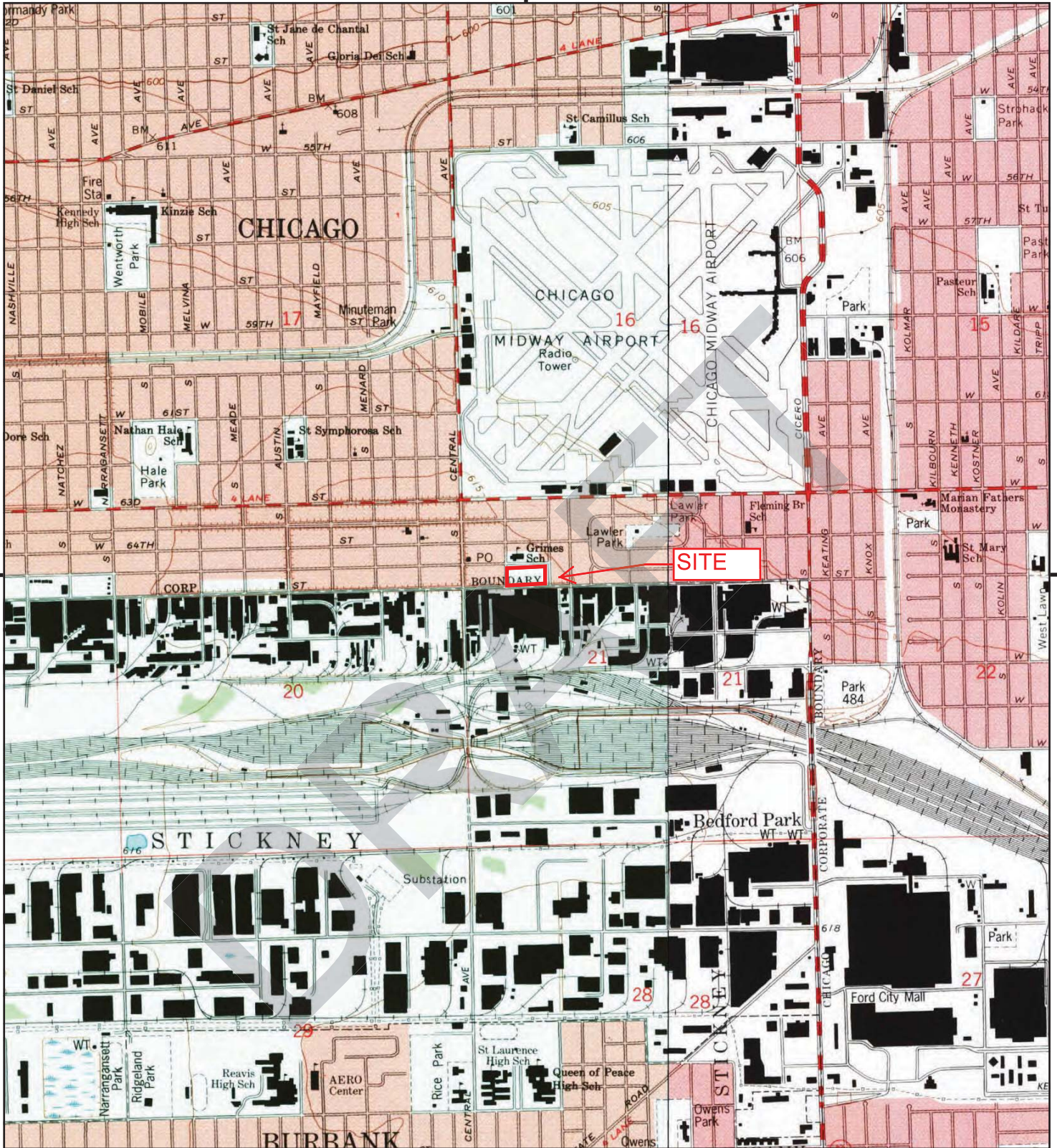
This report includes information from the following map sheet(s).



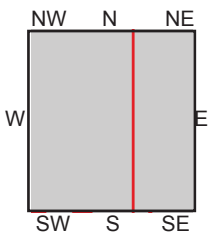
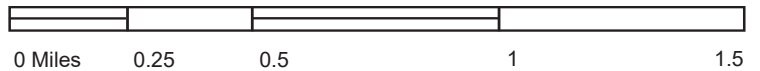
TP, Berwyn, 1998, 7.5-minute
NE, Englewood, 1997, 7.5-minute

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.





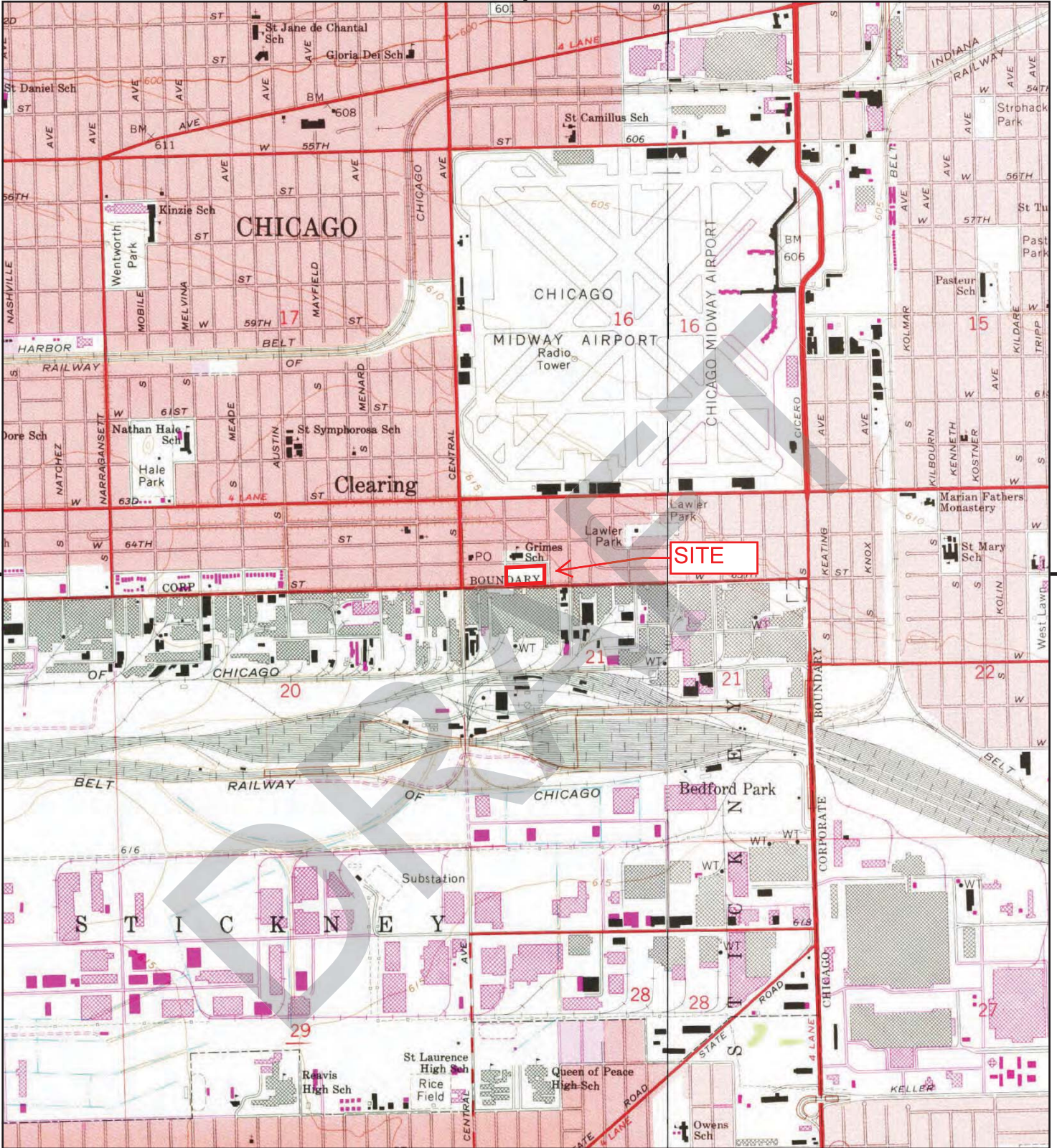
This report includes information from the following map sheet(s).



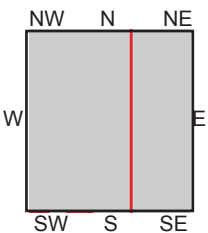
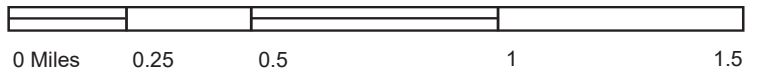
TP, Berwyn, 1993, 7.5-minute
NE, Englewood, 1993, 7.5-minute

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.





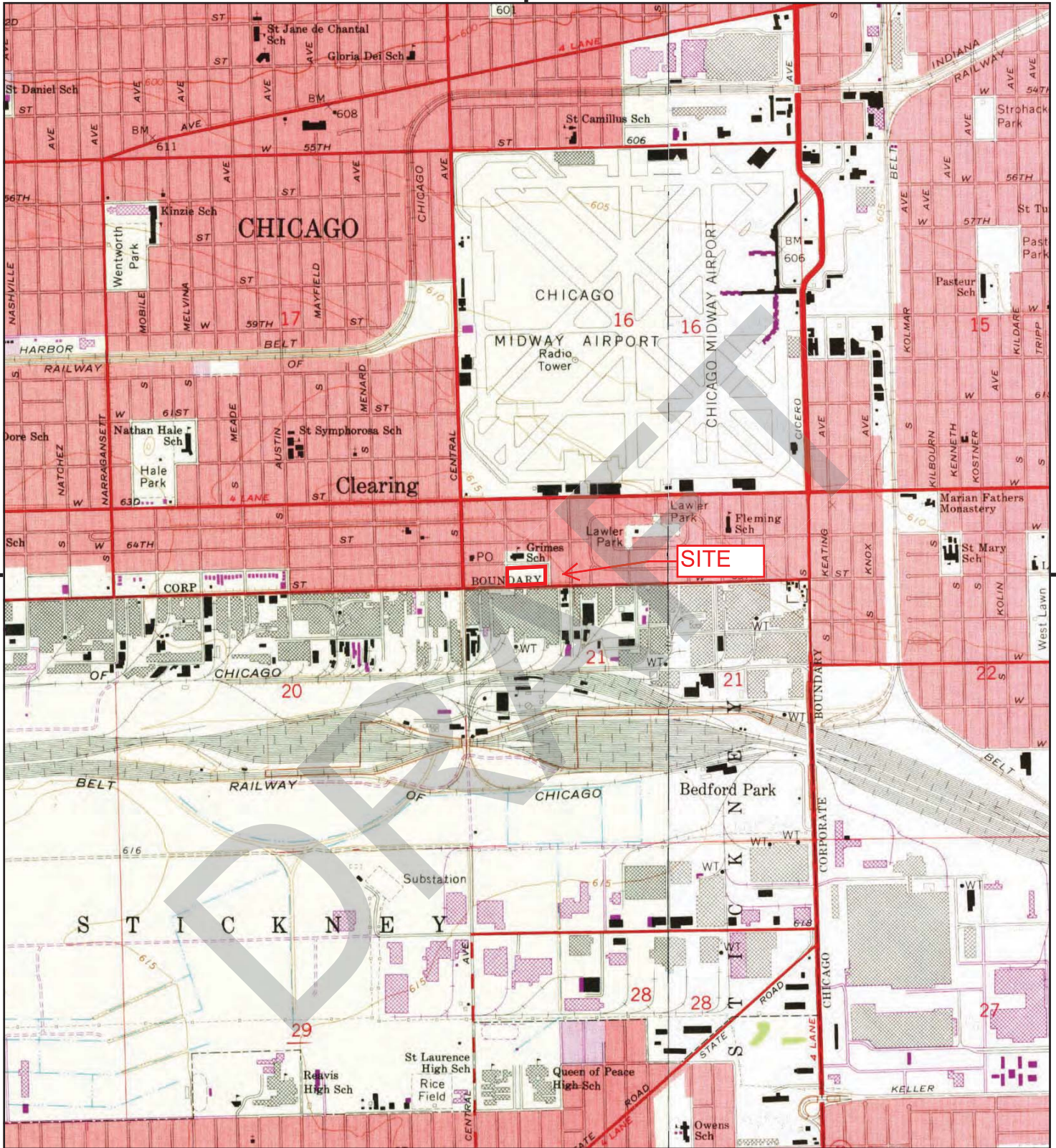
This report includes information from the following map sheet(s).



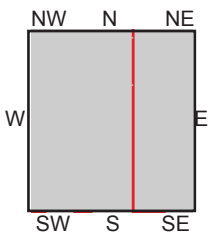
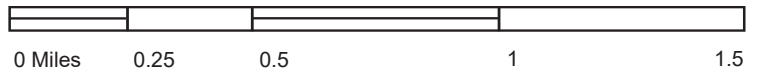
TP, Berwyn, 1980, 7.5-minute
NE, Englewood, 1980, 7.5-minute

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.





This report includes information from the following map sheet(s).

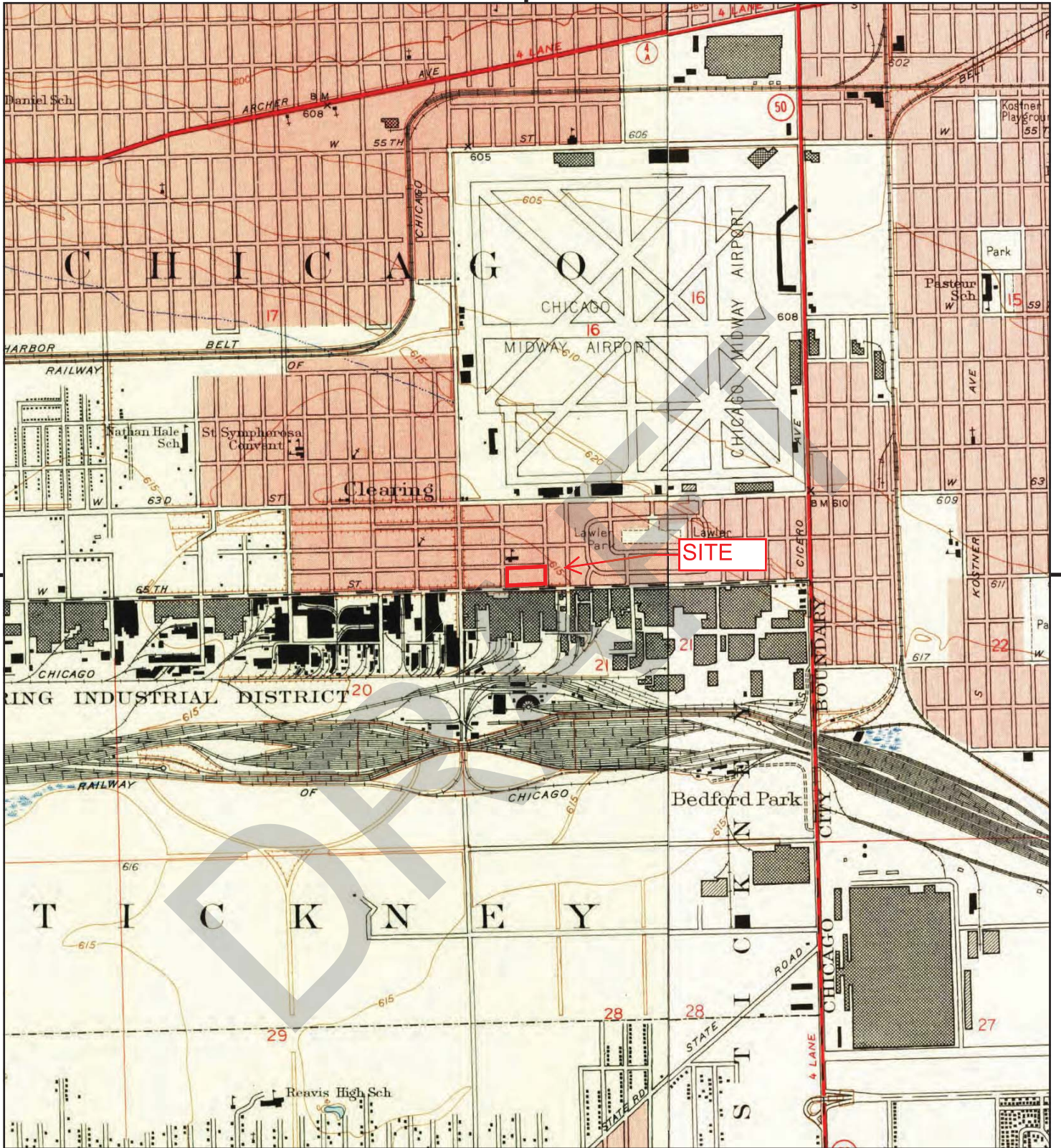


TP, Berwyn, 1972, 7.5-minute
NE, Englewood, 1972, 7.5-minute

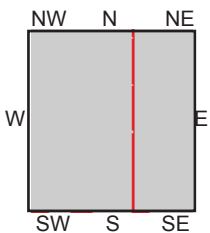
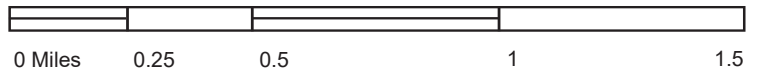
SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.







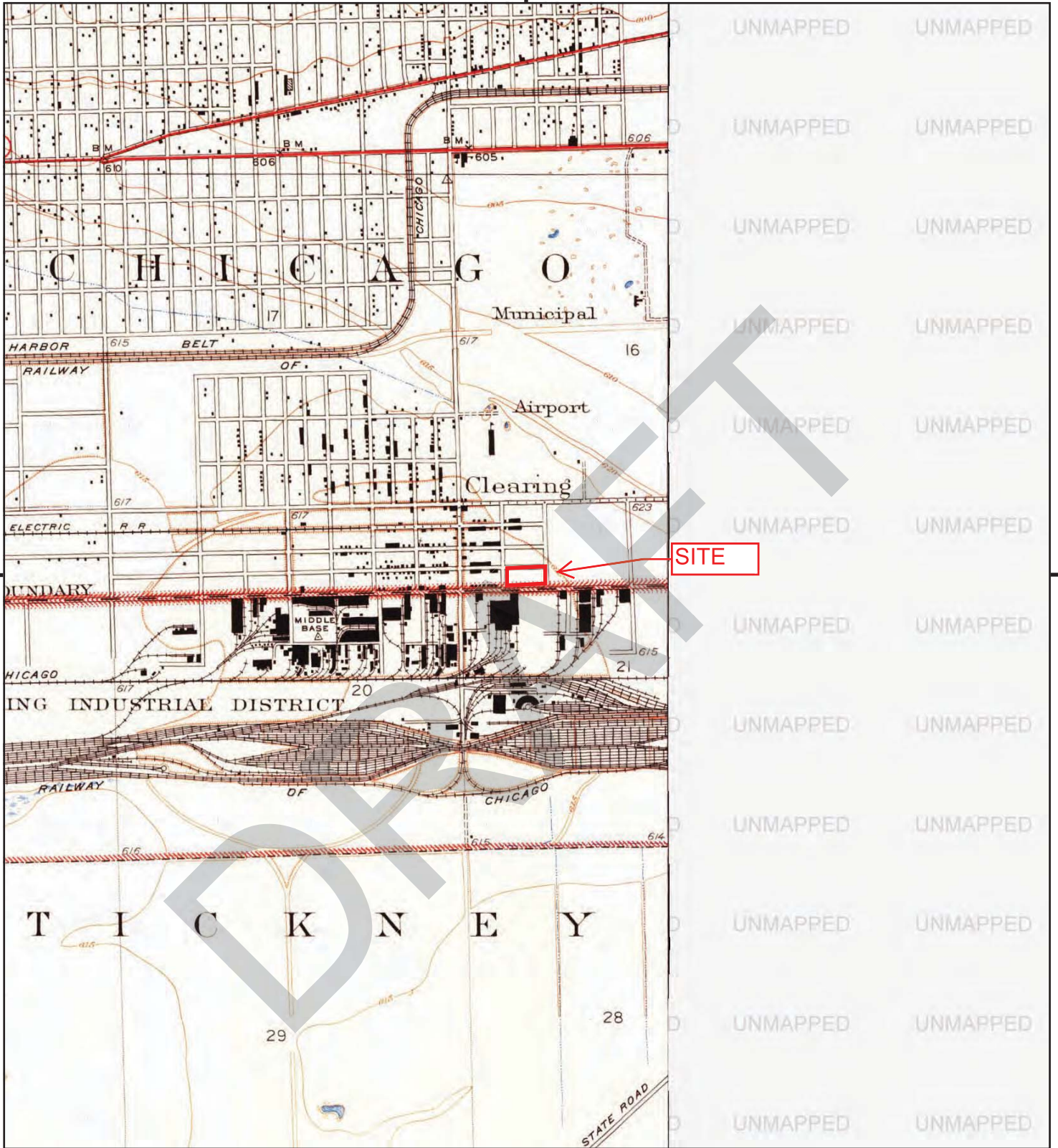
This report includes information from the following map sheet(s).



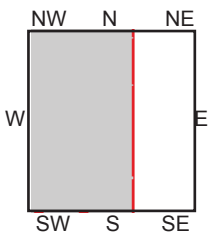
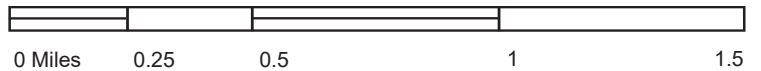
TP, Berwyn, 1953, 7.5-minute
NE, Englewood, 1953, 7.5-minute

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.





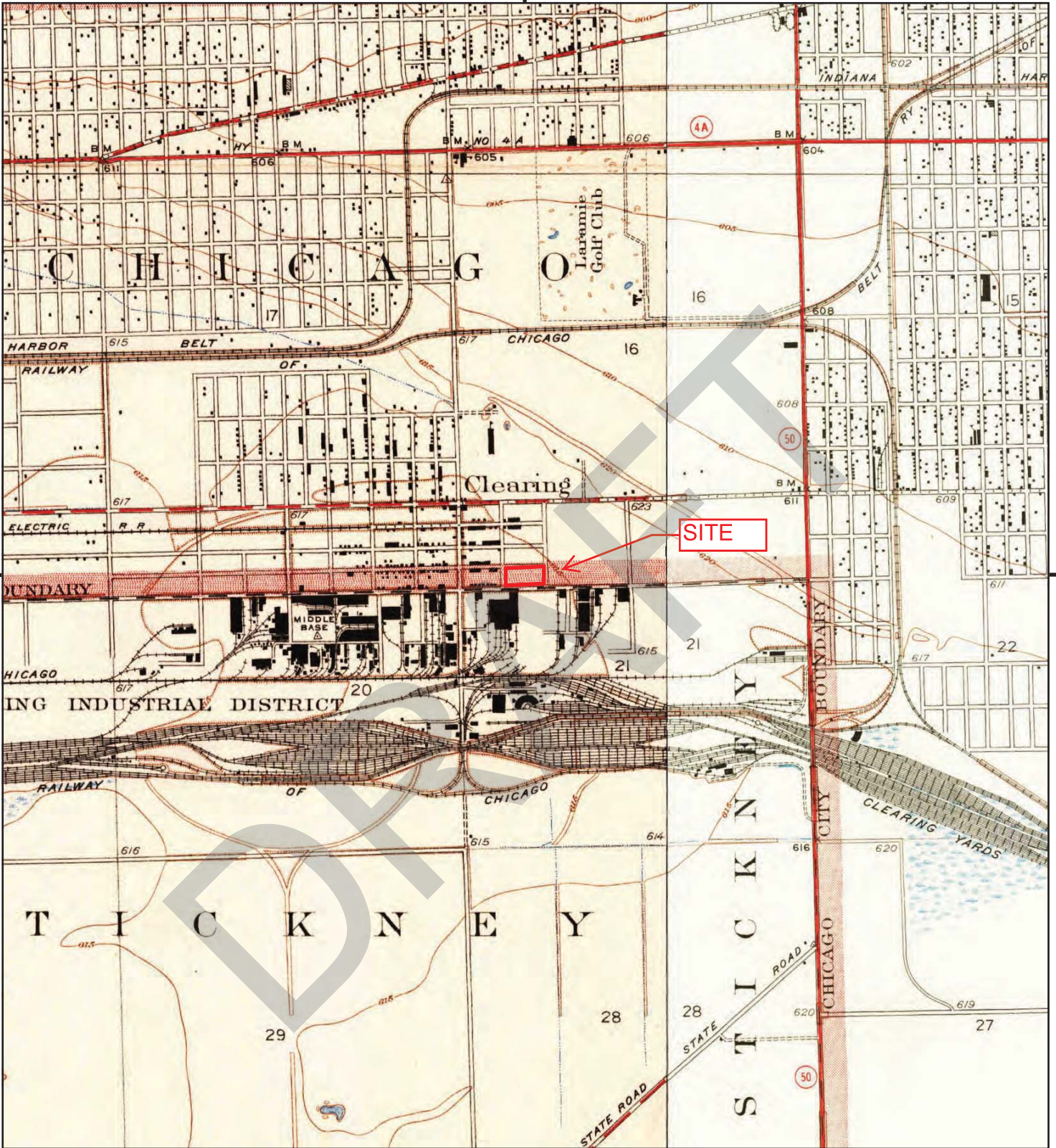
This report includes information from the following map sheet(s).



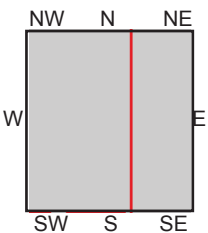
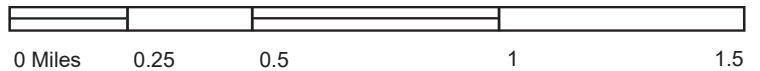
TP, Berwyn, 1945, 7.5-minute

SITE NAME: Proposed Hancock Replacement H.S.
 ADDRESS: W 65th St & S Long Ave
 Chicago, IL 60638
 CLIENT: GSG Environmental Group, LLC.





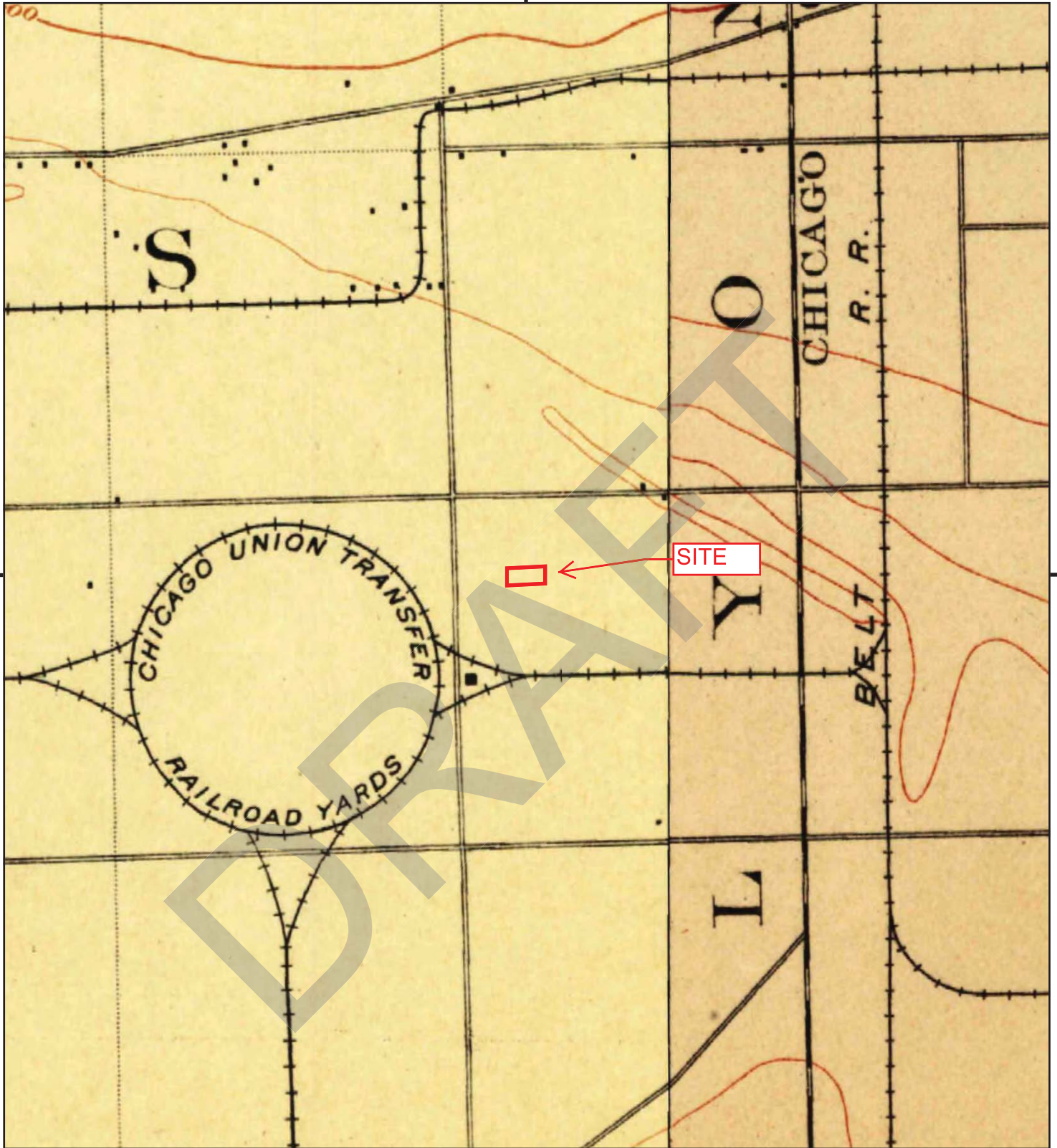
This report includes information from the following map sheet(s).



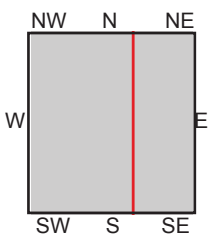
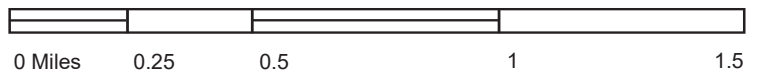
TP, Berwyn, 1928, 7.5-minute
NE, Englewood, 1929, 7.5-minute

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.





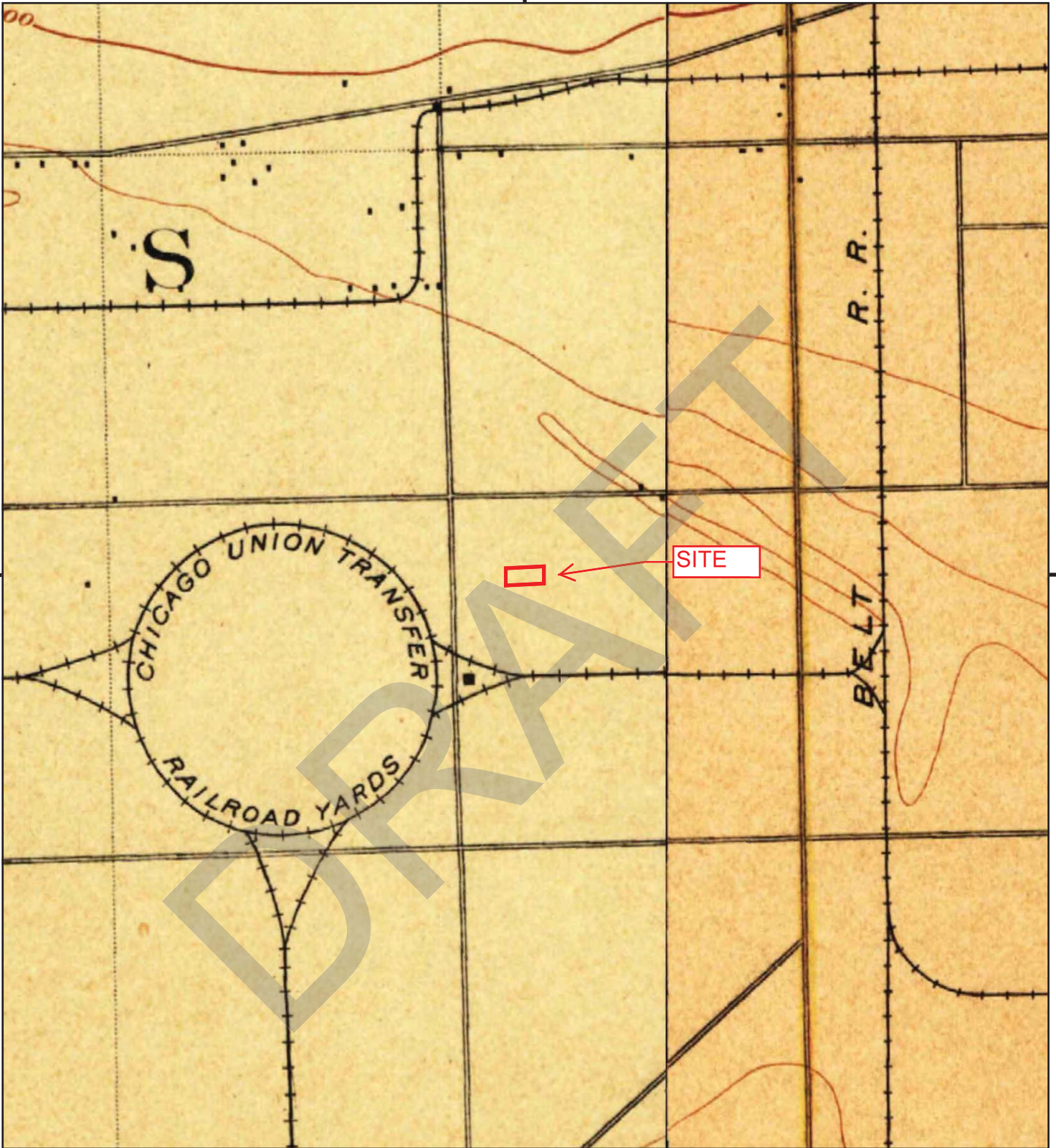
This report includes information from the following map sheet(s).



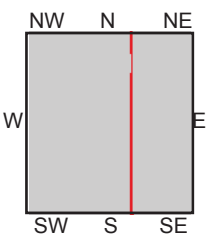
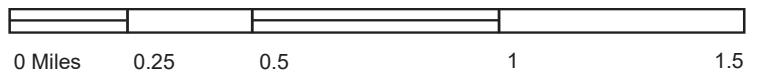
TP, Riverside, 1901, 15-minute
NE, Chicago, 1901, 15-minute

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.





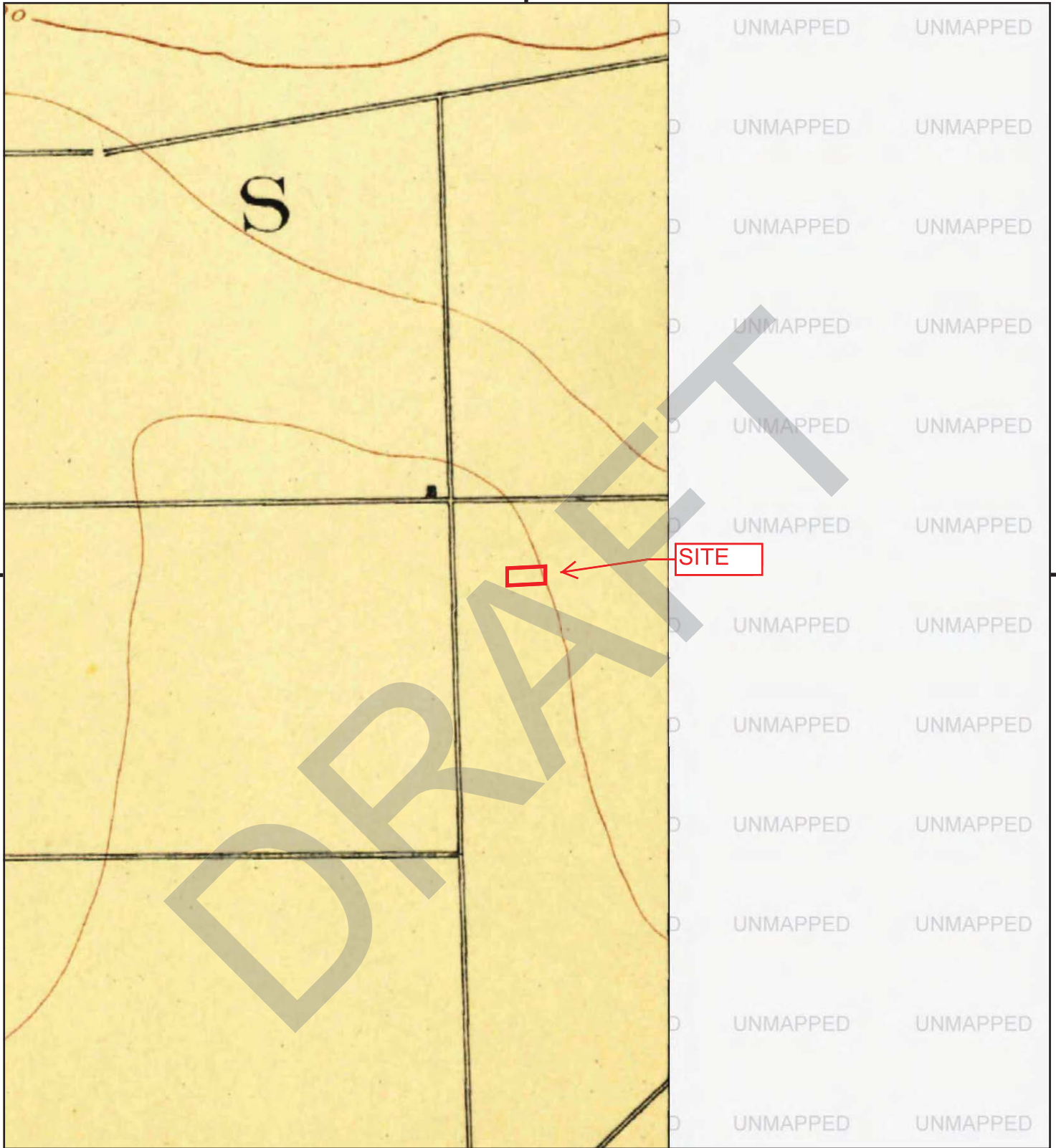
This report includes information from the following map sheet(s).



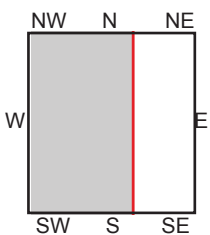
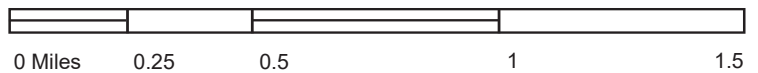
TP, Riverside, 1900, 15-minute
NE, Chicago, 1900, 15-minute

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.





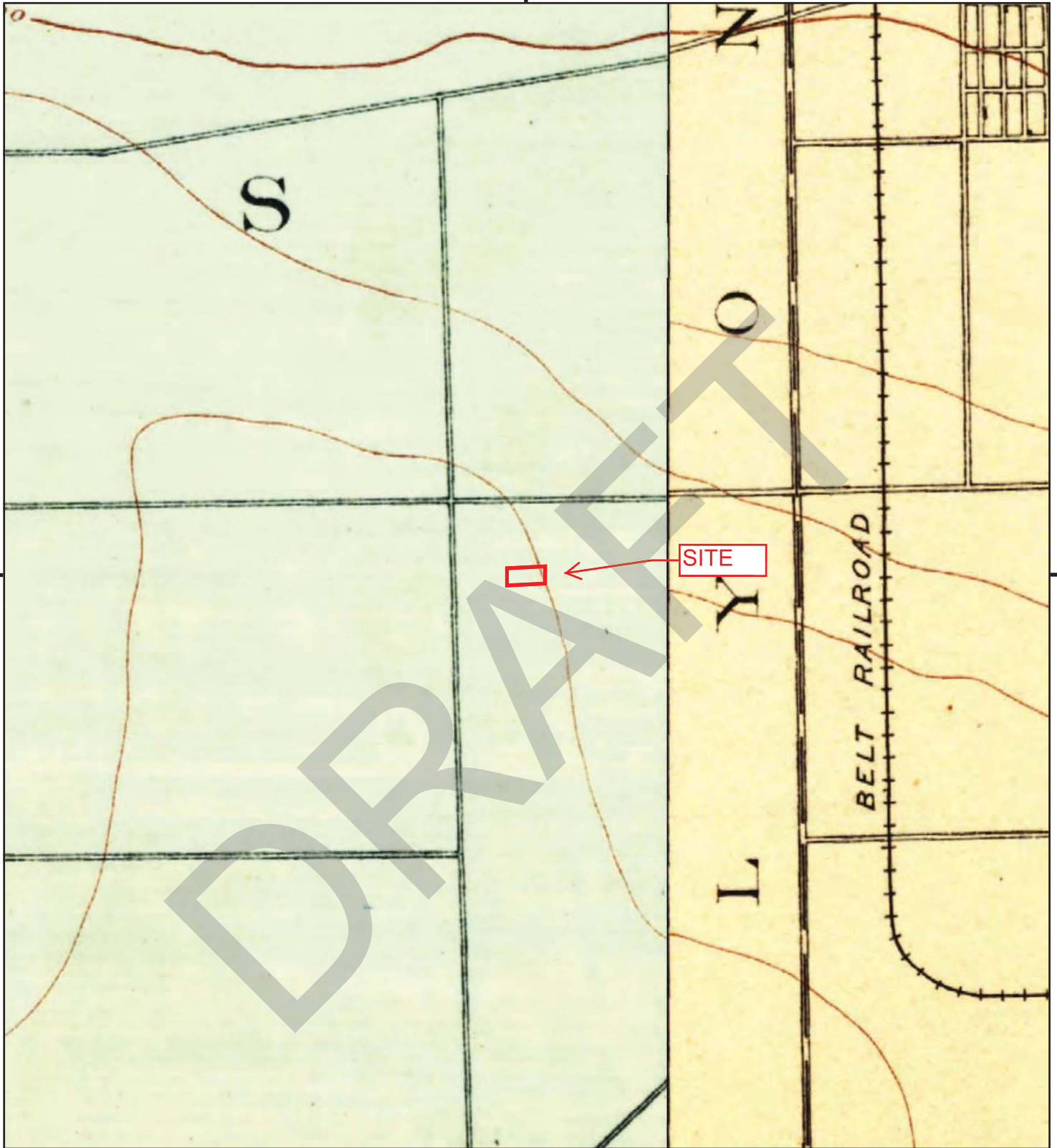
This report includes information from the following map sheet(s).



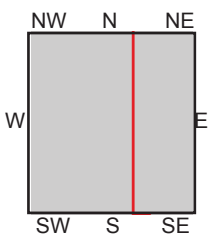
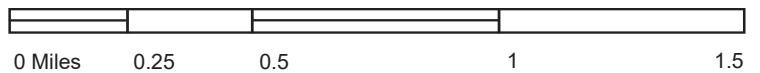
TP, Riverside, 1893, 15-minute

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
 Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.





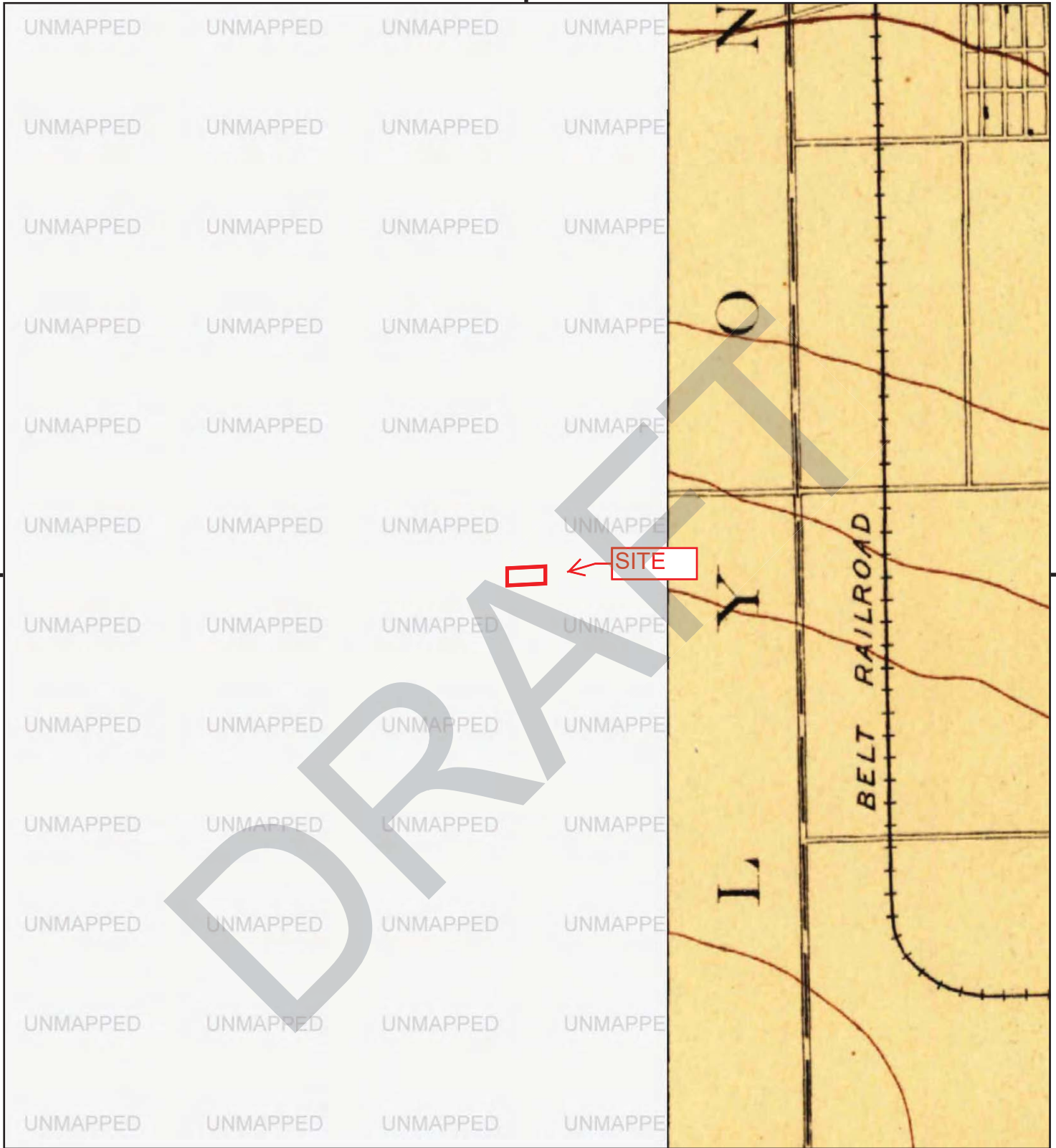
This report includes information from the following map sheet(s).



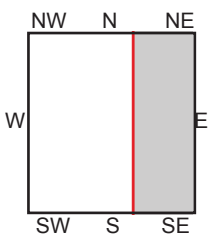
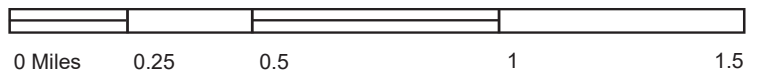
TP, Riverside, 1891, 15-minute
NE, Chicago, 1891, 15-minute

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago, IL 60638
CLIENT: GSG Environmental Group, LLC.





This report includes information from the following map sheet(s).



NE, Chicago, 1889, 15-minute

SITE NAME: Proposed Hancock Replacement H.S.
 ADDRESS: W 65th St & S Long Ave
 Chicago, IL 60638
 CLIENT: GSG Environmental Group, LLC.



APPENDIX C

Sanborn Fire Insurance Maps

DRAFT



Proposed Hancock Replacement H.S.

W 65th St & S Long Ave

Chicago, IL 60638

Inquiry Number: 5492075.3

November 25, 2018

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/25/18

Site Name:

Proposed Hancock Replaceme
W 65th St & S Long Ave
Chicago, IL 60638
EDR Inquiry # 5492075.3

Client Name:

GSG Environmental Group, LLC.
623 Cooper Court
SCHAUMBURG, IL 60173
Contact: Nils Clausen



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GSG Environmental Group, LLC. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 2594-4C38-AA76

PO # NA

Project Proposed Hancock Replacement

Maps Provided:

2004 1925
2002
1992
1989
1987
1975
1950
1949



Sanborn® Library search results

Certification #: 2594-4C38-AA76

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

GSG Environmental Group, LLC. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



2004 Source Sheets



Volume E, Sheet 38



Volume E, Sheet 46

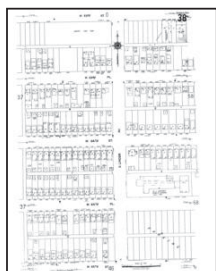


Volume E, Sheet 47



Volume E, Sheet 58

2002 Source Sheets



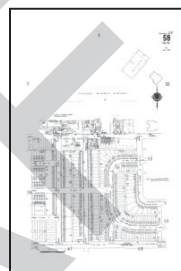
Volume E, Sheet 38



Volume E, Sheet 46

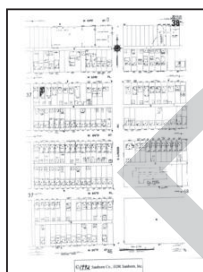


Volume E, Sheet 47



Volume E, Sheet 58

1992 Source Sheets



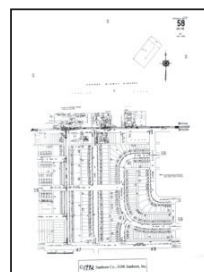
Volume E, Sheet 38



Volume E, Sheet 46



Volume E, Sheet 47



Volume E, Sheet 58

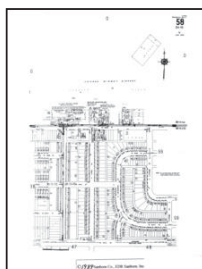
1989 Source Sheets



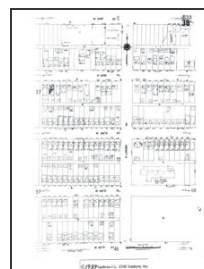
Volume E, Sheet 46



Volume E, Sheet 47



Volume E, Sheet 58



Volume E, Sheet 38

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1987 Source Sheets



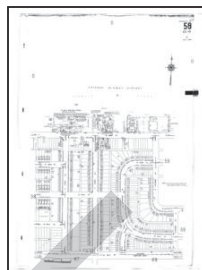
Volume E, Sheet 38



Volume E, Sheet 46

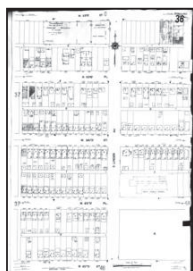


Volume E, Sheet 47



Volume E, Sheet 58

1975 Source Sheets



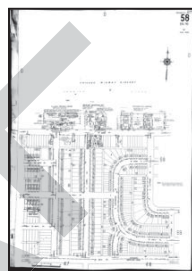
Volume E, Sheet 38



Volume E, Sheet 46



Volume E, Sheet 47

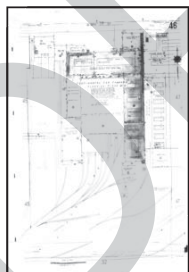


Volume E, Sheet 58

1950 Source Sheets



Volume E, Sheet 38



Volume E, Sheet 46

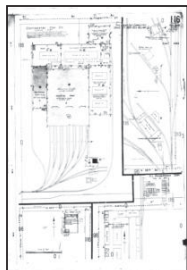


Volume E, Sheet 47



Volume E, Sheet 58

1949 Source Sheets



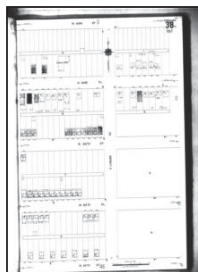
Volume H, Sheet 116

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1925 Source Sheets



Volume E, Sheet 38

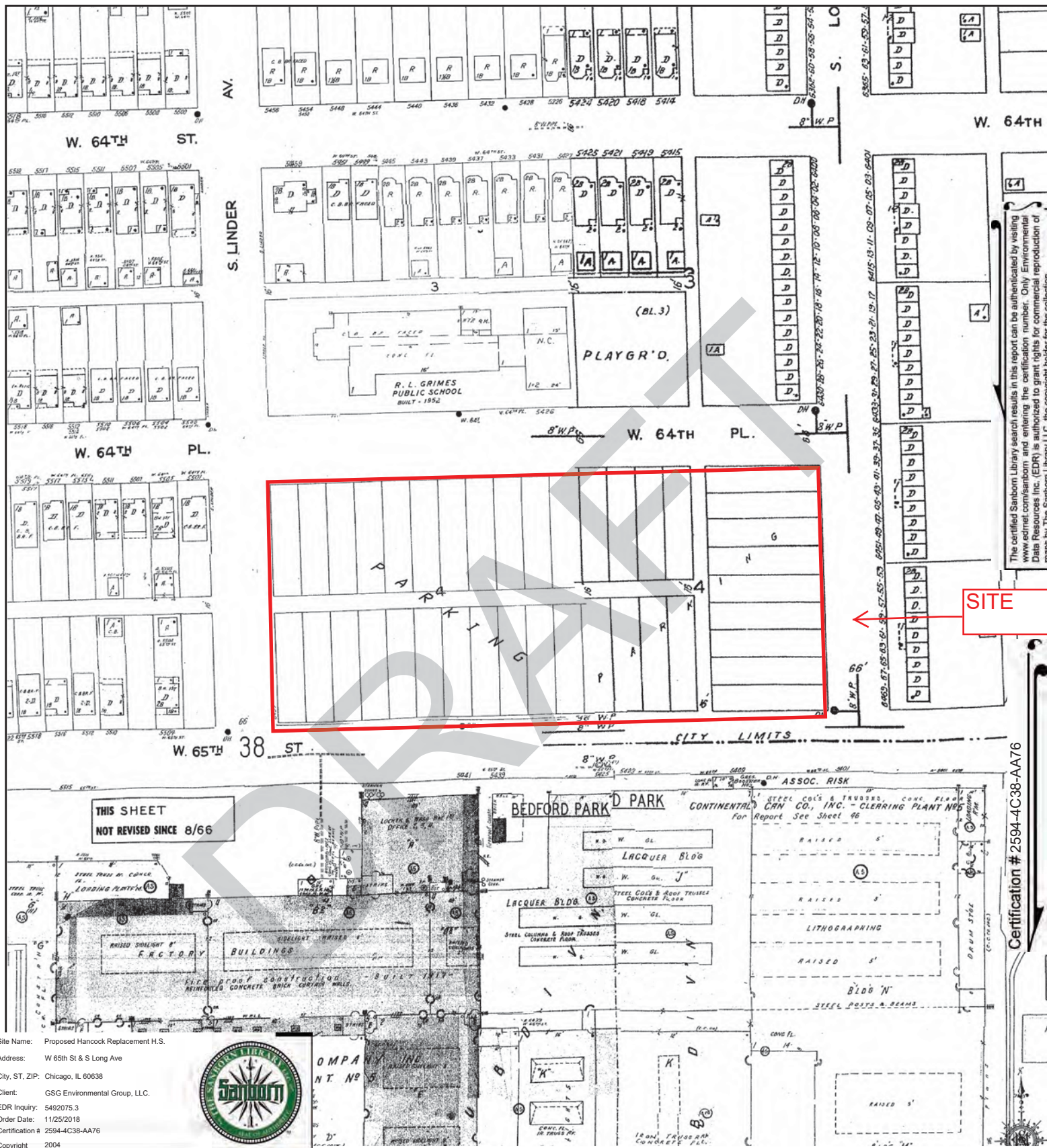


Volume E, Sheet 46



Volume E, Sheet 47

DRAFT



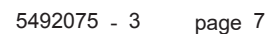
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



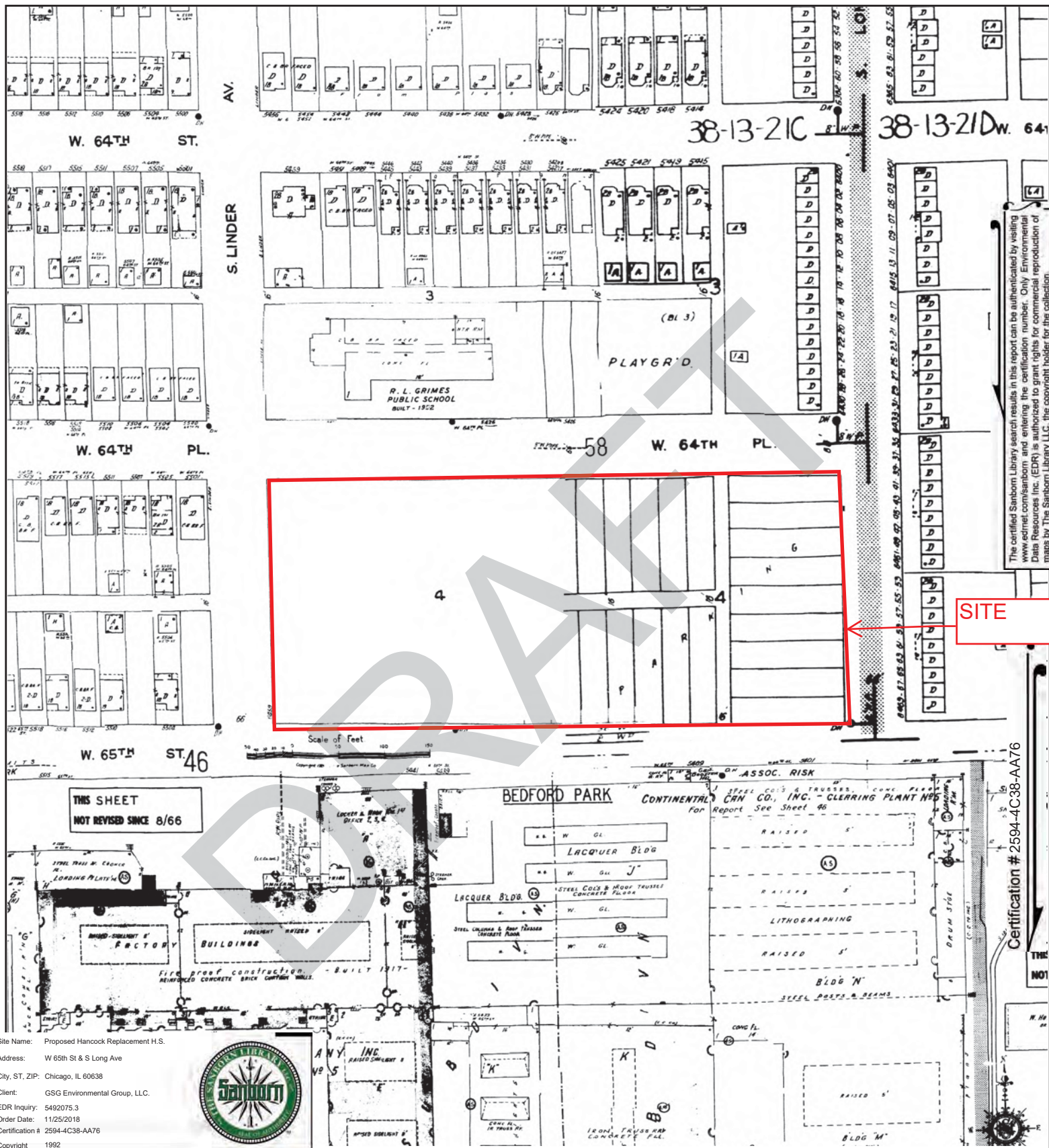
38	58
46	47

Volume E, Sheet 58
 Volume E, Sheet 47
 Volume E, Sheet 46
 Volume E, Sheet 38



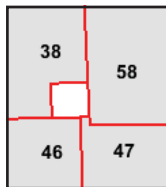


Certification # 2594-4C38-AA76



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume E, Sheet 58
 Volume E, Sheet 47
 Volume E, Sheet 46
 Volume E, Sheet 38

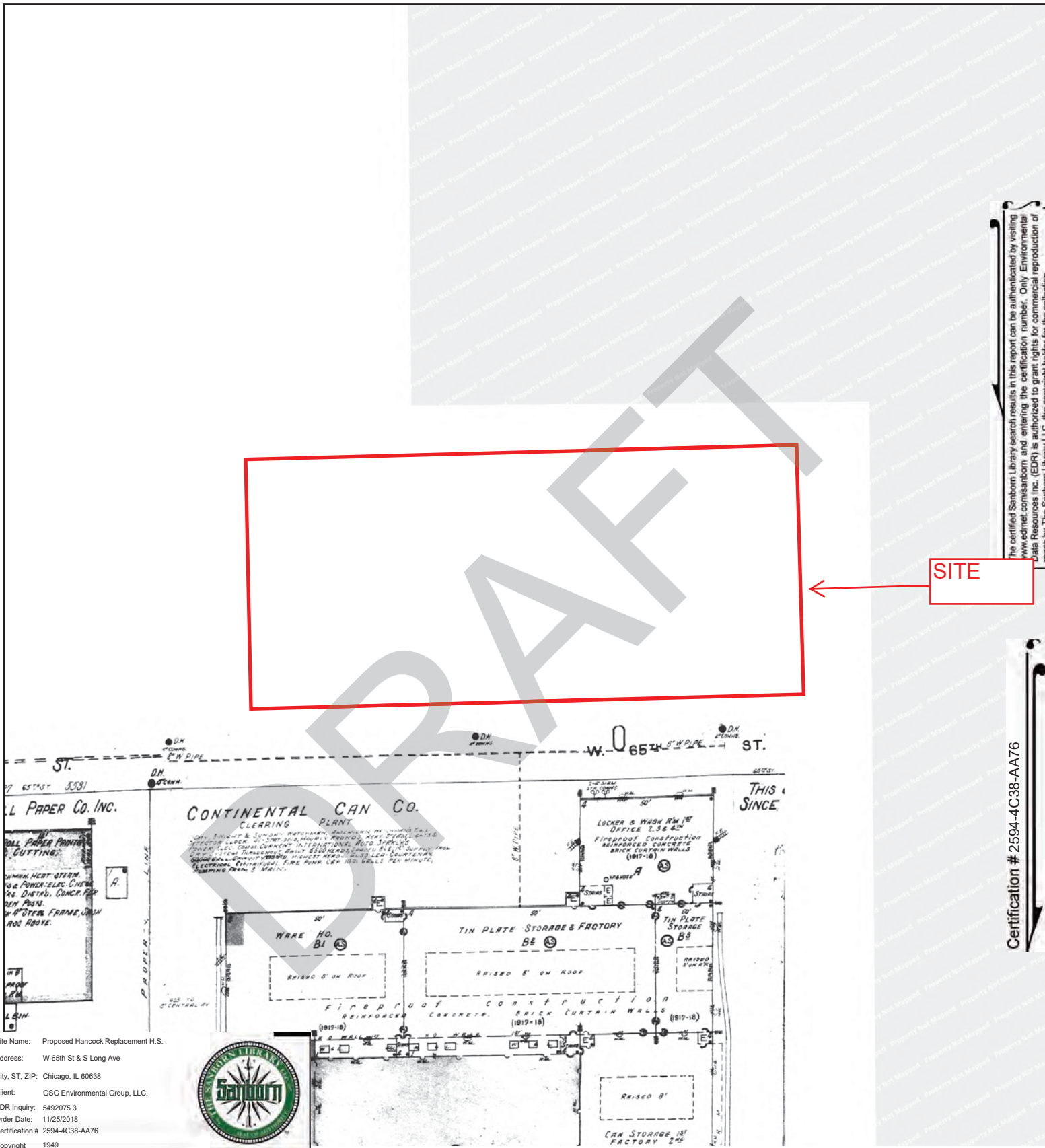








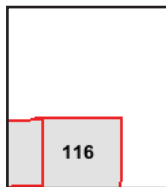


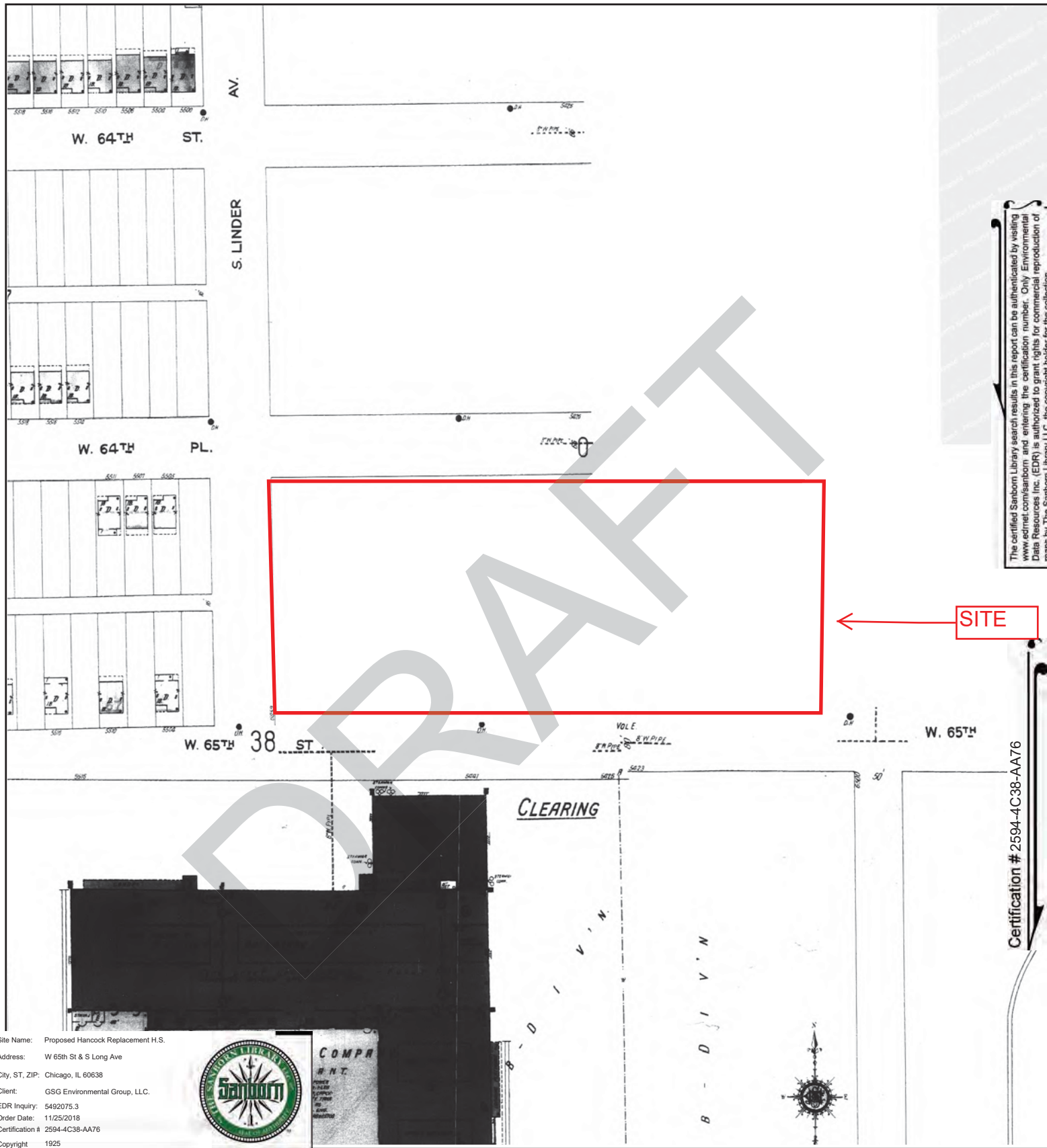


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.

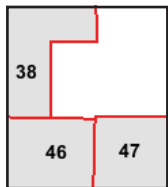
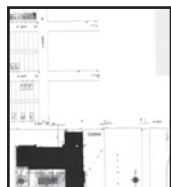


Volume H, Sheet 116





This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume E, Sheet 47
Volume E, Sheet 46
Volume E, Sheet 38

APPENDIX D

City Directory

DRAFT

Proposed Hancock Replacement H.S.

W 65th St and S Long Ave
Chicago, IL 60638

Inquiry Number: 5492075.5
November 26, 2018

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1923 through 2005. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by
infoUSA[®]
Copyright©2008
All Rights Reserved

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2005	Haines Company Inc.	-	X	X	-
1999	Haines & Company	-	X	X	-
1993	Illinois Bell	-	-	-	-
1986	Illinois Bell Telephone	-	X	X	-
1981	Reuben H. Donnelley Telephone	-	X	X	-
1976	Illinois Bell Telephone	-	X	X	-
1971	The Reuben H. Donnelley Corporation Telephone	-	X	X	-
1966	The Reuben H. Donnelley Telephone Directory Company	-	-	-	-
1961	Illinois Bell Telephone	-	-	-	-
1957	Illinois Bell Telephone	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1951	Illinois Bell Telephone	-	-	-	-
1949	Illinois Bell Telephone	-	-	-	-
1947	Illinois Bell Telephone	-	-	-	-
1941	The Reuben H. Donelley Corporation	-	-	-	-
1932	Illinois Bell Telephone	-	-	-	-
1931	Illinois Bell Telephone	-	-	-	-
1928	R. L. Polk & Co.	-	-	-	-
1923	R. L. Polk & Co.	-	-	-	-

DRAFT

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

W 65th St and S Long Ave
Chicago, IL 60638

FINDINGS DETAIL

Target Property research detail.

DRAFT

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

W 64TH PL

5445 W 64TH PL

<u>Year</u>	<u>Uses</u>
1999	XXXX

Source

Haines & Company

5450 W 64TH PL

<u>Year</u>	<u>Uses</u>
2005	SC GRIMIES R
	S 255 ROMANSTimothy
1999	SC GRIMES ROBERT
1986	Gnmes Robert
	Ehardt Ronald
1981	Grimes Robt L Schl
	Grimes Robt L
1976	GRIMES ROBERT L SCHOOL
	SCHOOLS PUBLIC
1971	GRIMES ROBERT L SCHOOL

Source

Haines Company Inc.

Haines Company Inc.

Haines & Company

Illinois Bell Telephone

Illinois Bell Telephone

Reuben H. Donnelley Telephone

Reuben H. Donnelley Telephone

Illinois Bell Telephone

Illinois Bell Telephone

The Reuben H. Donnelley Corporation
Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

5445 W 64TH PL

5450 W 64TH PL

Address Not Identified in Research Source

2005, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923

1993, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

W 65th St and S Long Ave

Address Not Identified in Research Source

2005, 1999, 1993, 1986, 1981, 1976, 1971, 1966, 1961, 1957, 1951, 1949, 1947, 1941, 1932, 1931, 1928, 1923

DRAFT

APPENDIX E

Regulatory Database Information

DRAFT

Proposed Hancock Replacement H.S.

W 65th St & S Long Ave
Chicago, IL 60638

Inquiry Number: 5492075.2s
November 21, 2018

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	212
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

W 65TH ST & S LONG AVE
CHICAGO, IL 60638

COORDINATES

Latitude (North): 41.7749400 - 41° 46' 29.78"
Longitude (West): 87.7579590 - 87° 45' 28.65"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 437005.0
UTM Y (Meters): 4624853.0
Elevation: 615 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5680669 BERWYN, IL
Version Date: 2012

Northeast Map: 5681448 ENGLEWOOD, IL
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150822
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
W 65TH ST & S LONG AVE
CHICAGO, IL 60638

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	BOARD OF EDUCATION	5450 W 64TH PL	TANKS	Higher	49, 0.009, NNW
A2	GRIMES ROBERT L SCHO	5450 W 64TH PL	RCRA-CESQG, FINDS, ECHO	Higher	49, 0.009, NNW
B3	AVLON INDUSTRIES	5401 W 65TH/SITE B	RCRA-CESQG, FINDS, ECHO	Higher	88, 0.017, SSE
B4	CROWN CORK AND SEAL	5353 W 65TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	125, 0.024, ESE
B5	BUDGET RENT-A-CAR SY	5401 W. 65TH STREET	UST	Higher	126, 0.024, SSW
B6	UNITED STATES CAN CO	5401 WEST 65TH STREE	LUST, SRP	Higher	126, 0.024, SSW
B7	CONTINENTAL GROUP IN	5401 W 65TH ST	RCRA NonGen / NLR	Higher	126, 0.024, SSW
B8	PETERSON ELASTOMERS	5401 W 65TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	126, 0.024, SSW
B9	CONTINENTAL CAN U S	5401 WEST 65TH STREE	SEMS-ARCHIVE, CORRACTS, RCRA NonGen / NLR, FINDS,...	Higher	126, 0.024, SSW
B10	RAANI CORP	5401 W 65TH ST 1ST F	RCRA-CESQG, FINDS, ECHO	Higher	126, 0.024, SSW
11	VIKING METAL	5321 W O65TH ST	UST	Higher	188, 0.036, ESE
12	CITI CORPORATION	5542 W 65TH ST	TANKS	Higher	292, 0.055, WSW
A13	JOSEPH RAPPORT	5427 W 64TH ST	TANKS	Higher	295, 0.056, North
14	ROBERT L GRIMES SCHO	5450 W 64TH PL	UST, BOL, CHICAGO ENV	Higher	411, 0.078, NNW
C15	VIKING METAL CABINET	5321 W 65TH ST	RCRA NonGen / NLR	Higher	462, 0.087, ESE
C16	HARBOR PROPERTIES AS	5301-5319 WEST 65TH	ENG CONTROLS, INST CONTROL, SRP	Higher	502, 0.095, ESE
C17	LEE QUIGLEY CO	5301 W 65TH ST UNIT	RCRA-LQG	Higher	502, 0.095, ESE
D18	CEPE INCORPORATED	6425 S CENTRAL AVE	TANKS	Higher	603, 0.114, WNW
D19	CEPE INCORPORATED	6425 S CENTRAL AVE	TANKS	Higher	603, 0.114, WNW
D20	U.S. POSTAL SERVICE	6425 SOUTH CENTRAL A	LUST	Higher	693, 0.131, West
E21	AMERICAN INDUSTRIAL	5310 W 66TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	734, 0.139, SE
E22	BARTON CHEMICAL CORP	5331 WEST 66TH STREE	SRP	Higher	826, 0.156, SE
23	VILLAGE OF BEDFORD P	6535 S. CENTRAL AVE.	UST, BOL	Higher	859, 0.163, SW
F24	SHELL OIL	6358 S CENTRAL AVE	TANKS	Higher	875, 0.166, WNW
F25	SHELL OIL	6358 S CENTRAL AVE	TANKS	Higher	875, 0.166, WNW
G26	HARBOR PROPERTIES	5235 W 65TH ST	UST	Higher	882, 0.167, ESE
G27	IESCO INC	5235 W 65TH ST	RCRA-SQG, FINDS, ECHO	Higher	882, 0.167, ESE
H28	STERLING SPRING CORP	5620 W 65TH ST	RCRA-CESQG, FINDS, ECHO	Higher	933, 0.177, West
I29	L & A BISHKARI	5401 W 63RD ST	TANKS	Higher	973, 0.184, NNE
I30	L & A BISHKARI	5401 W 63RD ST	TANKS	Higher	973, 0.184, NNE
I31	DOLLAR RENT A CAR	5359 WEST 63RD STREE	LUST, UST	Higher	977, 0.185, NNE
I32	DOLLAR RENT A CAR/MI	5359 W 63RD ST	RCRA-SQG, FINDS, ECHO	Higher	977, 0.185, NNE
I33	MIDWAY 66TH STATION	5359 W 63RD ST	TANKS	Higher	977, 0.185, NNE
I34	MIDWAY 66TH STATION	5359 W 63RD ST	TANKS	Higher	977, 0.185, NNE
I35	DOLLAR RENT-A-CAR	5359 W 63RD ST	TANKS	Higher	977, 0.185, NNE
J36	WITCO CORPORATION	6601 S LOREL AVE	UST	Higher	1011, 0.191, SE
J37	MOTOR EXPRESS INC OF	6601 S LOREL	RCRA NonGen / NLR, FINDS, ECHO, AIRS	Higher	1011, 0.191, SE
J38	ALLIED KELITE	5301 WEST 66TH ST.	LUST	Higher	1012, 0.192, SE
J39	MUMFORD PROPERTIES	5301 W 66TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1012, 0.192, SE

MAPPED SITES SUMMARY

Target Property Address:
W 65TH ST & S LONG AVE
CHICAGO, IL 60638

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J40	WITCO CORPORATION	5301 W 66TH ST	UST	Higher	1012, 0.192, SE
K41	MORRIS ELLEN	6321 S CENTRAL AVE	TANKS	Higher	1017, 0.193, NW
L42	BARDON CHEMICAL	5331 W 63RD ST	TANKS	Higher	1020, 0.193, NNE
M43	DEPT. OF AVIATION	5525 WEST 63RD ST.	LUST	Higher	1028, 0.195, NNW
K44	EXCHANGE NATIONAL BA	6315 S CENTRAL AVE	TANKS	Higher	1036, 0.196, NW
M45	HAROLD MARZANO	5533 W 63RD ST	TANKS	Higher	1039, 0.197, NNW
M46	DEMOLISHED BUILDING	5533 W 63RD ST	UST	Higher	1039, 0.197, NNW
M47	HAROLD MARZANO	5533 W 63RD ST	TANKS	Higher	1039, 0.197, NNW
I48	U. S. DEPARTMENT OF	5400 W 63RD ST	TANKS	Higher	1042, 0.197, NNE
I49	NATIONAL GUARD MIDWA	5400 63RD ST., AVIAT	LUST	Higher	1042, 0.197, NNE
I50	IL ARNG AASF 2	5400 W 63RD ST	RCRA-CESQG	Higher	1042, 0.197, NNE
I51	MIDWAY AASF #2	5400 W 63RD ST	TANKS	Higher	1042, 0.197, NNE
I52	AASF #2 CHICAGO MIDW	5400 W. 63RD STREET	UST	Higher	1042, 0.197, NNE
I53	U. S. DEPARTMENT OF	5400 W 63RD ST	TANKS	Higher	1042, 0.197, NNE
H54	LANDON CARTAGE	5630 W 65TH ST	TANKS	Higher	1046, 0.198, West
H55	DAYTON AUTO REBUILDE	5630 W 65TH ST	RCRA-SQG, FINDS, ECHO	Higher	1046, 0.198, West
J56	BARTON CHEMICAL CORP	5331 W 66TH ST	UST	Higher	1054, 0.200, SSE
J57	BARTON CHEMICAL DIV	5331 W 66TH ST	SEMS-ARCHIVE, RCRA NonGen / NLR	Higher	1054, 0.200, SSE
L58	ILLINOIS BELL TELEPH	63RD & LOREL ST.	LUST	Higher	1148, 0.217, NNE
L59	AVIATION SERVICES	5320 W 63RD ST	TANKS	Higher	1183, 0.224, NE
L60	AVIATION SERVICES	5320 W 63RD ST	TANKS	Higher	1183, 0.224, NE
L61	CITY /MIDWAY AIRPORT	5320 W 63RD ST	TANKS	Higher	1183, 0.224, NE
L62	AVIATION SERVICE GRO	5320 W 63RD ST	LUST, SPILLS, BOL, CHICAGO ENV	Higher	1183, 0.224, NE
L63	AVIATION SERVICES	5320 W 63RD ST	TANKS	Higher	1183, 0.224, NE
L64	AVIATION SERVICES	5320 W 63RD ST	TANKS	Higher	1183, 0.224, NE
L65	AVIATION SERVICES	5320 W 63RD ST	TANKS	Higher	1183, 0.224, NE
L66	AVIATION SERVICES	5320 W 63RD ST	TANKS	Higher	1183, 0.224, NE
N67	IKO CHICAGO INC	6600 S CENTRAL AVE	RCRA-CESQG, LUST	Higher	1198, 0.227, SW
N68	IKO CHICAGO INC	6600 S CENTRAL AVE	UST, AIRS, BOL, TIER 2	Higher	1198, 0.227, SW
O69	SNYDER AIRCRAFT BUIL	5314 W 63RD ST	TANKS	Higher	1203, 0.228, NE
O70	SNYDER AIRCRAFT BUIL	5314 W 63RD ST	TANKS	Higher	1203, 0.228, NE
L71	AVIATION SERVICE GRO	5320 WEST 63RD ST.	LUST	Higher	1210, 0.229, NNE
L72	MILLION AIR MIDWAY	5320 W 63RD ST	UST	Higher	1210, 0.229, NNE
73	HELEN M MEYERS	5611 W 63RD ST	TANKS	Higher	1280, 0.242, NW
74	BELT RAILWAY COMPANY	6751 SOUTH CENTRAL A	ENG CONTROLS, INST CONTROL, SRP	Higher	1402, 0.266, SW
P75	FRANK PAXTON LUMBER	5701 WEST 66TH ST.	LUST	Higher	1478, 0.280, WSW
Q76	CHICAGO, CITY OF DEP	5240 WEST 63RD ST.	LUST	Higher	1515, 0.287, NE
P77	PAXTON FRANK LUMBER	5719 W 65TH ST	RCRA-SQG, LUST, FINDS, ECHO	Higher	1528, 0.289, West
Q78	ATLANTIC AVIATION CO	5236 WEST 63RD STREE	LUST	Higher	1537, 0.291, NE

MAPPED SITES SUMMARY

Target Property Address:
W 65TH ST & S LONG AVE
CHICAGO, IL 60638

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79	CORRUGATED SUPPLIES,	5101 WEST 65TH STREE	LUST, SPILLS	Higher	1559, 0.295, East
80	JOHN SERVICE CENTER	6301 SOUTH MAJOR AVE	LUST	Higher	1582, 0.300, WNW
Q81	CHICAGO DEPARTMENT O	5214 WEST 63RD STREE	LUST	Higher	1666, 0.316, NE
R82	PACKAGING CORPORATIO	5133 WEST 65TH STREE	LUST, SPILLS	Higher	1736, 0.329, ESE
R83	ACORN CORRUGATED BOX	5133 WEST 65TH STREE	LUST	Higher	1736, 0.329, ESE
S84	COMMERCIAL FORGED PR	5757 WEST 65TH ST.	LUST	Higher	1778, 0.337, West
85	CHICAGO, CITY OF	5200 WEST 63RD ST.	LUST	Higher	1794, 0.340, NE
86	BELT RAILWAY CO OF C	6900 S CENTRAL AVENU	LUST, SPILLS, RCRA NonGen / NLR, FINDS, ECHO	Higher	1826, 0.346, SSW
T87	CHICAGO, CITY OF DEP	6200 SOUTH CENTRAL A	LUST	Higher	1828, 0.346, NNW
T88	CHICAGO DEPARTMENT O	6200-6208 SOUTH CENT	INST CONTROL, SRP	Higher	1828, 0.346, NNW
S89	J-P REFUSE DISPOSAL	5756 WEST 65TH	SEMS-ARCHIVE	Higher	1955, 0.370, West
U90	FEDERAL AVIATION ADM	ORD-ASR-4 NEAR RUNWA	LUST	Higher	1961, 0.371, North
U91	CHICAGO DEPT. OF AVI	MIDWAY AIRPORT, CONC	LUST	Higher	1961, 0.371, North
U92	CHICAGO, CITY OF	MIDWAY AIRPORT	LUST	Higher	1961, 0.371, North
93	BEDFORD PARK BUILDIN	6534 SOUTH MENARD	LUST, UST	Higher	2026, 0.384, WSW
94	NATICO INC	6700 S LECLAIRE AVE	SSU, BROWNFIELDS, ICIS, FINDS, ECHO, AIRS	Higher	2095, 0.397, SE
95	ATLANTIC AVIATION	6150 SOUTH LARAMIE A	LUST	Lower	2123, 0.402, NE
96	RELEASE INTERNATIONA	5001 WEST 66TH	LUST, SRP, SPILLS	Higher	2374, 0.450, ESE
97	ALLIANCE PETROLEUM,	5841 WEST 66TH	LUST, UST	Higher	2539, 0.481, WSW
V98	SIGNATURE FLIGHT SUP	5036 WEST 63RD ST.	LUST	Lower	2554, 0.484, ENE
99	JEFFERSON SMURFIT	6550 SOUTH LAVERGNE	LUST, SRP	Higher	2556, 0.484, ESE
V100	DEPARTMENT OF AVIATI	5000 WEST 63RD STREE	LUST	Lower	2582, 0.489, ENE
V101	RAY BUICK INC	5011 W 63RD ST	RCRA-SQG, LUST, FINDS, ECHO	Lower	2590, 0.491, ENE
W102	BEDFORD PARK / SOUTH	6700 SOUTH LECLAIRE	US BROWNFIELDS, FINDS	Higher	2625, 0.497, SE
W103	SUPERIOR METAL FINIS	6700 SOUTH LECLAIRE	LUST, ENG CONTROLS, INST CONTROL, SRP, BOL	Higher	2625, 0.497, SE
104	CORRUGATED SUPPLIES	5043 W 67TH ST	CORRACTS, ENG CONTROLS, INST CONTROL, SRP, RCRA..	Higher	2690, 0.509, ESE
105	JOHNSON & JOHNSON PR	4949 W 65TH ST	SEMS-ARCHIVE, CORRACTS, RCRA NonGen / NLR, MLTS	Higher	3041, 0.576, East
106	SCIAKY BROTHERS, INC	4915 WEST 67TH STREE	FUSRAP	Higher	3443, 0.652, ESE
107	VILLAGE OF BEDFORD P	4823 WEST 67TH STREE	SSU, INST CONTROL, SRP	Higher	3984, 0.755, ESE
X108	SUN CHEMICAL PLANT #	6600 SOUTH MELVINA	SEMS-ARCHIVE, CORRACTS, RCRA NonGen / NLR	Higher	5171, 0.979, WSW
X109	SUN CHEMICAL CORP PL	6600 S MELVINA	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen / ..	Higher	5171, 0.979, WSW
X110	NALCO CO	6216 W 66TH PL	SEMS, CORRACTS, RCRA-LQG, TRIS	Higher	5263, 0.997, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

CCDD..... Clean Construction or Demolition Debris
SWF/LF..... Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to
State Surcharge
LF SPECIAL WASTE..... Special Waste Site List
IL NIPC..... Solid Waste Landfill Inventory

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

LUST TRUST..... Underground Storage Tank Fund Payment Priority List

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Above Ground Storage Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

CDL..... Meth Drug Lab Site Listing

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... State spills

SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites

DOD..... Department of Defense Sites

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION..... 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS..... Toxic Chemical Release Inventory System

SSTS..... Section 7 Tracking Systems

ROD..... Records Of Decision

RMP..... Risk Management Plans

RAATS..... RCRA Administrative Action Tracking System

PRP..... Potentially Responsible Parties

PADS..... PCB Activity Database System

ICIS..... Integrated Compliance Information System

EXECUTIVE SUMMARY

FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
AIRS.....	Air Inventory Listing
ASBESTOS.....	ASBESTOS
BOL.....	Bureau of Land Inventory Database
CHICAGO ENV.....	Environmental Records Dataset
COAL ASH.....	Coal Ash Site Listing
DRYCLEANERS.....	Illinois Licensed Drycleaners
Financial Assurance.....	Financial Assurance Information Listing
HWAR.....	Hazard Waste Annual Report
IMPDMNT.....	Surface Impoundment Inventory
NPDES.....	A Listing of Active Permits
PIMW.....	Potentially Infectious Medical Waste
TIER 2.....	Tier 2 Information Listing
UIC.....	Underground Injection Wells

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 08/13/2018 has revealed that there are 3 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CONTINENTAL CAN U S</i> Site ID: 0507174 EPA Id: ILD000803718	<i>5401 WEST 65TH STREE</i>	<i>SSW 0 - 1/8 (0.024 mi.)</i>	<i>B9</i>	<i>23</i>
<i>BARTON CHEMICAL DIV</i> Site ID: 0500614 EPA Id: ILD980606438	<i>5331 W 66TH ST</i>	<i>SSE 1/8 - 1/4 (0.200 mi.)</i>	<i>J57</i>	<i>86</i>
<i>J-P REFUSE DISPOSAL</i> Site ID: 0500697 EPA Id: ILD980677678	<i>5756 WEST 65TH</i>	<i>W 1/4 - 1/2 (0.370 mi.)</i>	<i>S89</i>	<i>133</i>

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/01/2018 has revealed that there are 6 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CONTINENTAL CAN U S</i>	<i>5401 WEST 65TH STREE</i>	<i>SSW 0 - 1/8 (0.024 mi.)</i>	<i>B9</i>	<i>23</i>

EXECUTIVE SUMMARY

EPA ID:: ILD000803718				
CORRUGATED SUPPLIES	5043 W 67TH ST	ESE 1/2 - 1 (0.509 mi.)	104	157
EPA ID:: ILD010300531				
JOHNSON & JOHNSON PR	4949 W 65TH ST	E 1/2 - 1 (0.576 mi.)	105	165
EPA ID:: ILD001799949				
SUN CHEMICAL PLANT #	6600 SOUTH MELVINA	WSW 1/2 - 1 (0.979 mi.)	X108	173
EPA ID:: ILD980700777				
SUN CHEMICAL CORP PL	6600 S MELVINA	WSW 1/2 - 1 (0.979 mi.)	X109	182
EPA ID:: ILD053191029				
NALCO CO	6216 W 66TH PL	WSW 1/2 - 1 (0.997 mi.)	X110	191
EPA ID:: ILD005092572				

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LEE QUIGLEY CO EPA ID:: ILR000195032	5301 W 65TH ST UNIT	ESE 0 - 1/8 (0.095 mi.)	C17	36

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IESCO INC EPA ID:: ILD982601783	5235 W 65TH ST	ESE 1/8 - 1/4 (0.167 mi.)	G27	50
DOLLAR RENT A CAR/MI EPA ID:: ILR000057729	5359 W 63RD ST	NNE 1/8 - 1/4 (0.185 mi.)	I32	59
DAYTON AUTO REBUILDE EPA ID:: ILD984805002	5630 W 65TH ST	W 1/8 - 1/4 (0.198 mi.)	H55	83

EXECUTIVE SUMMARY

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 6 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRIMES ROBERT L SCHO EPA ID:: ILR000033886	5450 W 64TH PL	NNW 0 - 1/8 (0.009 mi.)	A2	8
AVLON INDUSTRIES EPA ID:: ILR000035915	5401 W 65TH/SITE B	SSE 0 - 1/8 (0.017 mi.)	B3	10
RAANI CORP EPA ID:: ILD984785014	5401 W 65TH ST 1ST F	SSW 0 - 1/8 (0.024 mi.)	B10	28
STERLING SPRING CORP EPA ID:: IL0001029917	5620 W 65TH ST	W 1/8 - 1/4 (0.177 mi.)	H28	52
IL ARNG AASF 2 EPA ID:: ILD980825400	5400 W 63RD ST	NNE 1/8 - 1/4 (0.197 mi.)	I50	77
IKO CHICAGO INC EPA ID:: ILD009249442	6600 S CENTRAL AVE	SW 1/8 - 1/4 (0.227 mi.)	N67	97

State- and tribal - equivalent CERCLIS

SSU: The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

A review of the SSU list, as provided by EDR, and dated 09/18/2018 has revealed that there are 2 SSU sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NATICO INC SSU Status: Transferred Facility Id: 0310125210	6700 S LECLAIRE AVE	SE 1/4 - 1/2 (0.397 mi.)	94	137
VILLAGE OF BEDFORD P SSU Status: Transferred Facility Id: 0310125213	4823 WEST 67TH STREE	ESE 1/2 - 1 (0.755 mi.)	107	171

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 10/23/2018 has revealed that there are 35

EXECUTIVE SUMMARY

LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNITED STATES CAN CO NFA/NFR Letter: 1994-09-26 Incident Num: 933025 IL EPA Id: 310125147	5401 WEST 65TH STREE	SSW 0 - 1/8 (0.024 mi.)	B6	19
U.S. POSTAL SERVICE NFA/NFR Letter: 2010-07-15 Incident Num: 903217 IL EPA Id: 316565050	6425 SOUTH CENTRAL A	W 1/8 - 1/4 (0.131 mi.)	D20	39
DOLLAR RENT A CAR Incident Num: 952583 IL EPA Id: 316565098	5359 WEST 63RD STREE	NNE 1/8 - 1/4 (0.185 mi.)	I31	55
ALLIED KELITE NFA/NFR Letter: 1998-06-15 Incident Num: 932995 IL EPA Id: 310125013	5301 WEST 66TH ST.	SE 1/8 - 1/4 (0.192 mi.)	J38	66
DEPT. OF AVIATION NFA/NFR Letter: 1999-10-21 Incident Num: 990859 IL EPA Id: 316565134	5525 WEST 63RD ST.	NNW 1/8 - 1/4 (0.195 mi.)	M43	73
NATIONAL GUARD MIDWA NFA/NFR Letter: 2001-06-27 Incident Num: 923675 IL EPA Id: 316645014	5400 63RD ST., AVIAT	NNE 1/8 - 1/4 (0.197 mi.)	I49	76
ILLINOIS BELL TELEPH Incident Num: 901829 IL EPA Id: 316270013	63RD & LOREL ST.	NNE 1/8 - 1/4 (0.217 mi.)	L58	89
AVIATION SERVICE GRO Incident Num: 20170587 IL EPA Id: 316560009	5320 W 63RD ST	NE 1/8 - 1/4 (0.224 mi.)	L62	92
IKO CHICAGO INC NFA/NFR Letter: 1992-08-28 NFA/NFR Letter: 2006-04-05 Incident Num: 903822 Incident Num: 933019 Incident Num: 941466 IL EPA Id: 310125096	6600 S CENTRAL AVE	SW 1/8 - 1/4 (0.227 mi.)	N67	97
AVIATION SERVICE GRO Incident Num: 901639 Incident Num: 922212 IL EPA Id: 316560009	5320 WEST 63RD ST.	NNE 1/8 - 1/4 (0.229 mi.)	L71	112
FRANK PAXTON LUMBER NFA/NFR Letter: 1999-07-22 Incident Num: 961318 IL EPA Id: 310125174	5701 WEST 66TH ST.	WSW 1/4 - 1/2 (0.280 mi.)	P75	118
CHICAGO, CITY OF DEP NFA/NFR Letter: 1999-06-17 Incident Num: 981230 IL EPA Id: 316560011	5240 WEST 63RD ST.	NE 1/4 - 1/2 (0.287 mi.)	Q76	119
PAXTON FRANK LUMBER	5719 W 65TH ST	W 1/4 - 1/2 (0.289 mi.)	P77	119

EXECUTIVE SUMMARY

NFA/NFR Letter: 1993-03-24 Incident Num: 930040 IL EPA Id: 310125132				
ATLANTIC AVIATION CO NFA/NFR Letter: 2006-09-21 NFA/NFR Letter: 2005-03-14 NFA/NFR Letter: 2008-04-01 Incident Num: 20021661 Incident Num: 20041097 Incident Num: 20041333 IL EPA Id: 316645023 IL EPA Id: 316560011	5236 WEST 63RD STREE	NE 1/4 - 1/2 (0.291 mi.)	Q78	122
CORRUGATED SUPPLIES, Incident Num: 20040603 IL EPA Id: 310125213	5101 WEST 65TH STREE	E 1/4 - 1/2 (0.295 mi.)	79	123
JOHN SERVICE CENTER Incident Num: 990691 IL EPA Id: 316565128	6301 SOUTH MAJOR AVE	WNW 1/4 - 1/2 (0.300 mi.)	80	124
CHICAGO DEPARTMENT O NFA/NFR Letter: 2003-02-19 Incident Num: 20021682 IL EPA Id: 316685099	5214 WEST 63RD STREE	NE 1/4 - 1/2 (0.316 mi.)	Q81	124
PACKAGING CORPORATIO NFA/NFR Letter: 2017-06-02 Incident Num: 20170022 IL EPA Id: 316005357	5133 WEST 65TH STREE	ESE 1/4 - 1/2 (0.329 mi.)	R82	125
ACORN CORRUGATED BOX NFA/NFR Letter: 2004-06-08 Incident Num: 20031380 IL EPA Id: 316005357	5133 WEST 65TH STREE	ESE 1/4 - 1/2 (0.329 mi.)	R83	125
COMMERCIAL FORGED PR NFA/NFR Letter: 1996-03-04 Incident Num: 923258 IL EPA Id: 310125003	5757 WEST 65TH ST.	W 1/4 - 1/2 (0.337 mi.)	S84	126
CHICAGO, CITY OF NFA/NFR Letter: 1998-11-10 Incident Num: 981229 IL EPA Id: 316645055	5200 WEST 63RD ST.	NE 1/4 - 1/2 (0.340 mi.)	85	126
BELT RAILWAY CO OF C NFA/NFR Letter: 1997-02-11 Incident Num: 960208 IL EPA Id: 310120022	6900 S CENTRAL AVENU	SSW 1/4 - 1/2 (0.346 mi.)	86	127
CHICAGO, CITY OF DEP Incident Num: 990087 IL EPA Id: 316565166	6200 SOUTH CENTRAL A	NNW 1/4 - 1/2 (0.346 mi.)	T87	131
FEDERAL AVIATION ADM NFA/NFR Letter: 1993-06-18 Incident Num: 922051 IL EPA Id: 316765040	ORD-ASR-4 NEAR RUNWA	N 1/4 - 1/2 (0.371 mi.)	U90	134
CHICAGO DEPT. OF AVI NFA/NFR Letter: 1994-04-28	MIDWAY AIRPORT, CONC	N 1/4 - 1/2 (0.371 mi.)	U91	135

EXECUTIVE SUMMARY

Incident Num: 922741 Incident Num: 933135 IL EPA Id: 316285203				
CHICAGO, CITY OF NFA/NFR Letter: 1994-03-04 Incident Num: 930841 IL EPA Id: 316765038	MIDWAY AIRPORT	N 1/4 - 1/2 (0.371 mi.)	U92	136
BEDFORD PARK BUILDIN NFA/NFR Letter: 2008-02-21 Incident Num: 20071329 IL EPA Id: 310125205	6534 SOUTH MENARD	WSW 1/4 - 1/2 (0.384 mi.)	93	136
RELEASE INTERNATIONAL Incident Num: 940884 IL EPA Id: 310120004	5001 WEST 66TH	ESE 1/4 - 1/2 (0.450 mi.)	96	141
ALLIANCE PETROLEUM, NFA/NFR Letter: 2017-07-11 Incident Num: 902563 IL EPA Id: 310125083	5841 WEST 66TH	WSW 1/4 - 1/2 (0.481 mi.)	97	142
JEFFERSON SMURFIT NFA/NFR Letter: 1994-06-22 Incident Num: 891931 IL EPA Id: 310120038	6550 SOUTH LAVERGNE	ESE 1/4 - 1/2 (0.484 mi.)	99	146
SUPERIOR METAL FINIS NFA/NFR Letter: 2001-03-30 NFA/NFR Letter: 2012-06-06 Incident Num: 913374 Incident Num: 20031551 IL EPA Id: 316005409 IL EPA Id: 310125210	6700 SOUTH LECLAIRE	SE 1/4 - 1/2 (0.497 mi.)	W103	153
Lower Elevation	Address	Direction / Distance	Map ID	Page
ATLANTIC AVIATION Incident Num: 20180639 IL EPA Id: 316645104	6150 SOUTH LARAMIE A	NE 1/4 - 1/2 (0.402 mi.)	95	140
SIGNATURE FLIGHT SUP Incident Num: 992275 IL EPA Id: 316565138	5036 WEST 63RD ST.	ENE 1/4 - 1/2 (0.484 mi.)	V98	146
DEPARTMENT OF AVIATI Incident Num: 20071594 IL EPA Id: 316565044	5000 WEST 63RD STREE	ENE 1/4 - 1/2 (0.489 mi.)	V100	147
RAY BUICK INC NFA/NFR Letter: 1992-10-27 Incident Num: 921525 IL EPA Id: 316645022	5011 W 63RD ST	ENE 1/4 - 1/2 (0.491 mi.)	V101	148

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the UST list, as provided by EDR, and dated 10/23/2018 has revealed that there are 13 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BUDGET RENT-A-CAR SY Tank Status: Removed Tank Status: Abandoned in place Tank Status: Does Not Exist Status: CLOSED Facility Id: 2032598	5401 W. 65TH STREET	SSW 0 - 1/8 (0.024 mi.)	B5	15
VIKING METAL Tank Status: Pre 1974 Status: EXEMPT Facility Id: 2036821	5321 W O65TH ST	ESE 0 - 1/8 (0.036 mi.)	11	30
ROBERT L GRIMES SCHO Tank Status: Removed Status: EXEMPT Facility Id: 2033590	5450 W 64TH PL	NNW 0 - 1/8 (0.078 mi.)	14	32
VILLAGE OF BEDFORD P Tank Status: Removed Status: CLOSED Facility Id: 2005043	6535 S. CENTRAL AVE.	SW 1/8 - 1/4 (0.163 mi.)	23	42
HARBOR PROPERTIES Tank Status: Pre 1974 Status: EXEMPT Facility Id: 2033983	5235 W 65TH ST	ESE 1/8 - 1/4 (0.167 mi.)	G26	44
DOLLAR RENT A CAR Tank Status: Removed Tank Status: Moved Tank Status: Does Not Exist Status: CLOSED Facility Id: 2007520	5359 WEST 63RD STREE	NNE 1/8 - 1/4 (0.185 mi.)	I31	55
WITCO CORPORATION Tank Status: Removed Status: CLOSED Facility Id: 2021746	6601 S LOREL AVE	SE 1/8 - 1/4 (0.191 mi.)	J36	63
WITCO CORPORATION Tank Status: Removed Status: CLOSED Facility Id: 2005990	5301 W 66TH ST	SE 1/8 - 1/4 (0.192 mi.)	J40	69
DEMOLISHED BUILDING Tank Status: Removed Status: EXEMPT Facility Id: 2038838	5533 W 63RD ST	NNW 1/8 - 1/4 (0.197 mi.)	M46	74
AASF #2 CHICAGO MIDW	5400 W. 63RD STREET	NNE 1/8 - 1/4 (0.197 mi.)	I52	81

EXECUTIVE SUMMARY

Tank Status: Removed
 Tank Status: Out of service
 Status: INACTIVE
 Facility Id: 2006877

BARTON CHEMICAL CORP 5331 W 66TH ST SSE 1/8 - 1/4 (0.200 mi.) J56 85

Tank Status: Removed
 Status: CLOSED
 Facility Id: 2003490

IKO CHICAGO INC 6600 S CENTRAL AVE SW 1/8 - 1/4 (0.227 mi.) N68 101

Tank Status: Removed
 Status: CLOSED
 Facility Id: 2026286

MILLION AIR MIDWAY 5320 W 63RD ST NNE 1/8 - 1/4 (0.229 mi.) L72 113

Tank Status: Removed
 Status: CLOSED
 Facility Id: 2012540

TANKS: This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the Department of Public Health's (CDPH) Tank Asset Database. The Tank Asset Database contains tank information from CDPH AST and UST permit applications as well as UST records imported from the historic Department of Environment (DOE) database. This dataset also includes AST records from the historic DOE and pre-1992 UST records from the Building Department.

A review of the TANKS list, as provided by EDR, and dated 09/12/2018 has revealed that there are 31 TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BOARD OF EDUCATION	5450 W 64TH PL	NNW 0 - 1/8 (0.009 mi.)	A1	8
CITI CORPORATION	5542 W 65TH ST	WSW 0 - 1/8 (0.055 mi.)	12	31
JOSEPH RAPPORT	5427 W 64TH ST	N 0 - 1/8 (0.056 mi.)	A13	32
CEPE INCORPORATED	6425 S CENTRAL AVE	WNW 0 - 1/8 (0.114 mi.)	D18	38
CEPE INCORPORATED	6425 S CENTRAL AVE	WNW 0 - 1/8 (0.114 mi.)	D19	39
SHELL OIL	6358 S CENTRAL AVE	WNW 1/8 - 1/4 (0.166 mi.)	F24	43
SHELL OIL	6358 S CENTRAL AVE	WNW 1/8 - 1/4 (0.166 mi.)	F25	44
L & A BISHKARI	5401 W 63RD ST	NNE 1/8 - 1/4 (0.184 mi.)	I29	54
L & A BISHKARI	5401 W 63RD ST	NNE 1/8 - 1/4 (0.184 mi.)	I30	55
MIDWAY 66TH STATION	5359 W 63RD ST	NNE 1/8 - 1/4 (0.185 mi.)	I33	61
MIDWAY 66TH STATION	5359 W 63RD ST	NNE 1/8 - 1/4 (0.185 mi.)	I34	62
DOLLAR RENT-A-CAR	5359 W 63RD ST	NNE 1/8 - 1/4 (0.185 mi.)	I35	62
MORRIS ELLEN	6321 S CENTRAL AVE	NW 1/8 - 1/4 (0.193 mi.)	K41	72
BARDON CHEMICAL	5331 W 63RD ST	NNE 1/8 - 1/4 (0.193 mi.)	L42	72
EXCHANGE NATIONAL BA	6315 S CENTRAL AVE	NW 1/8 - 1/4 (0.196 mi.)	K44	73
HAROLD MARZANO	5533 W 63RD ST	NNW 1/8 - 1/4 (0.197 mi.)	M45	74
HAROLD MARZANO	5533 W 63RD ST	NNW 1/8 - 1/4 (0.197 mi.)	M47	75
U. S. DEPARTMENT OF	5400 W 63RD ST	NNE 1/8 - 1/4 (0.197 mi.)	I48	76
MIDWAY AASF #2	5400 W 63RD ST	NNE 1/8 - 1/4 (0.197 mi.)	I51	80
U. S. DEPARTMENT OF	5400 W 63RD ST	NNE 1/8 - 1/4 (0.197 mi.)	I53	82
LANDON CARTAGE	5630 W 65TH ST	W 1/8 - 1/4 (0.198 mi.)	H54	83
AVIATION SERVICES	5320 W 63RD ST	NE 1/8 - 1/4 (0.224 mi.)	L59	89
AVIATION SERVICES	5320 W 63RD ST	NE 1/8 - 1/4 (0.224 mi.)	L60	90
CITY /MIDWAY AIRPORT	5320 W 63RD ST	NE 1/8 - 1/4 (0.224 mi.)	L61	90
AVIATION SERVICES	5320 W 63RD ST	NE 1/8 - 1/4 (0.224 mi.)	L63	95
AVIATION SERVICES	5320 W 63RD ST	NE 1/8 - 1/4 (0.224 mi.)	L64	95
AVIATION SERVICES	5320 W 63RD ST	NE 1/8 - 1/4 (0.224 mi.)	L65	96

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AVIATION SERVICES	5320 W 63RD ST	NE 1/8 - 1/4 (0.224 mi.)	L66	96
SNYDER AIRCRAFT BUIL	5314 W 63RD ST	NE 1/8 - 1/4 (0.228 mi.)	O69	112
SNYDER AIRCRAFT BUIL	5314 W 63RD ST	NE 1/8 - 1/4 (0.228 mi.)	O70	112
HELEN M MEYERS	5611 W 63RD ST	NW 1/8 - 1/4 (0.242 mi.)	73	116

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls.

A review of the ENG CONTROLS list, as provided by EDR, and dated 10/02/2018 has revealed that there are 3 ENG CONTROLS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARBOR PROPERTIES AS Illinois Epa Id: 310125256	5301-5319 WEST 65TH	ESE 0 - 1/8 (0.095 mi.)	C16	35
BELT RAILWAY COMPANY Illinois Epa Id: 310125225	6751 SOUTH CENTRAL A	SW 1/4 - 1/2 (0.266 mi.)	74	117
SUPERIOR METAL FINIS Illinois Epa Id: 316005409	6700 SOUTH LECLAIRE	SE 1/4 - 1/2 (0.497 mi.)	W103	153

INST CONTROL: Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

A review of the INST CONTROL list, as provided by EDR, and dated 10/02/2018 has revealed that there are 4 INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARBOR PROPERTIES AS Illinois EPA Id: 310125256	5301-5319 WEST 65TH	ESE 0 - 1/8 (0.095 mi.)	C16	35
BELT RAILWAY COMPANY Illinois EPA Id: 310125225	6751 SOUTH CENTRAL A	SW 1/4 - 1/2 (0.266 mi.)	74	117
CHICAGO DEPARTMENT O Illinois EPA Id: 316565166	6200-6208 SOUTH CENT	NNW 1/4 - 1/2 (0.346 mi.)	T88	132
SUPERIOR METAL FINIS Illinois EPA Id: 310125210	6700 SOUTH LECLAIRE	SE 1/4 - 1/2 (0.497 mi.)	W103	153

State and tribal voluntary cleanup sites

SRP: Illinois Environmental Protection Agency, Site Remediation Program Database

A review of the SRP list, as provided by EDR, and dated 10/02/2018 has revealed that there are 8 SRP sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNITED STATES CAN CO IL EPA Id: 316640008	5401 WEST 65TH STREE	SSW 0 - 1/8 (0.024 mi.)	B6	19
HARBOR PROPERTIES AS IL EPA Id: 310125256	5301-5319 WEST 65TH	ESE 0 - 1/8 (0.095 mi.)	C16	35
BARTON CHEMICAL CORP IL EPA Id: 310125126	5331 WEST 66TH STREE	SE 1/8 - 1/4 (0.156 mi.)	E22	41
BELT RAILWAY COMPANY IL EPA Id: 310125225	6751 SOUTH CENTRAL A	SW 1/4 - 1/2 (0.266 mi.)	74	117
CHICAGO DEPARTMENT O IL EPA Id: 316565166	6200-6208 SOUTH CENT	NNW 1/4 - 1/2 (0.346 mi.)	T88	132
RELEASE INTERNATIONA IL EPA Id: 310120004	5001 WEST 66TH	ESE 1/4 - 1/2 (0.450 mi.)	96	141
JEFFERSON SMURFIT IL EPA Id: 310120038	6550 SOUTH LAVERGNE	ESE 1/4 - 1/2 (0.484 mi.)	99	146
SUPERIOR METAL FINIS IL EPA Id: 316005409 IL EPA Id: 310125210	6700 SOUTH LECLAIRE	SE 1/4 - 1/2 (0.497 mi.)	W103	153

State and tribal Brownfields sites

BROWNFIELDS: The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of \$240,000 each to municipalities to assist in site investigation activities, development of cleanup , objectives and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active . potential for redevelopment

A review of the BROWNFIELDS list, as provided by EDR, has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NATICO INC Database: BROWNFIELDS, Date of Government Version: 02/11/2010 MBRG Site Id: 03101	6700 S LECLAIRE AVE	SE 1/4 - 1/2 (0.397 mi.)	94	137

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 09/18/2018 has revealed that there

EXECUTIVE SUMMARY

is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEDFORD PARK / SOUTH ACRES property ID: 161481	6700 SOUTH LECLAIRE	SE 1/4 - 1/2 (0.497 mi.)	W102	150

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 9 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CROWN CORK AND SEAL EPA ID:: IL0000200527	5353 W 65TH ST	ESE 0 - 1/8 (0.024 mi.)	B4	12
CONTINENTAL GROUP IN EPA ID:: ILD003913886	5401 W 65TH ST	SSW 0 - 1/8 (0.024 mi.)	B7	20
PETERSON ELASTOMERS EPA ID:: ILD982069080	5401 W 65TH ST	SSW 0 - 1/8 (0.024 mi.)	B8	22
CONTINENTAL CAN U S EPA ID:: ILD000803718	5401 WEST 65TH STREE	SSW 0 - 1/8 (0.024 mi.)	B9	23
VIKING METAL CABINET EPA ID:: ILD005127006	5321 W 65TH ST	ESE 0 - 1/8 (0.087 mi.)	C15	33
AMERICAN INDUSTRIAL EPA ID:: IL0000999243	5310 W 66TH ST	SE 1/8 - 1/4 (0.139 mi.)	E21	40
MOTOR EXPRESS INC OF EPA ID:: ILD000178541	6601 S LOREL	SE 1/8 - 1/4 (0.191 mi.)	J37	63
MUMFORD PROPERTIES EPA ID:: ILD049819576	5301 W 66TH ST	SE 1/8 - 1/4 (0.192 mi.)	J39	67
BARTON CHEMICAL DIV EPA ID:: ILD980606438	5331 W 66TH ST	SSE 1/8 - 1/4 (0.200 mi.)	J57	86

FUSRAP: DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

A review of the FUSRAP list, as provided by EDR, and dated 08/08/2017 has revealed that there is 1 FUSRAP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCIACKY BROTHERS, INC Site Status: Eliminated from consideration under FUSRAP	4915 WEST 67TH STREE	ESE 1/2 - 1 (0.652 mi.)	106	171

EXECUTIVE SUMMARY

Site ID: IL.0-06

DRAFT

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

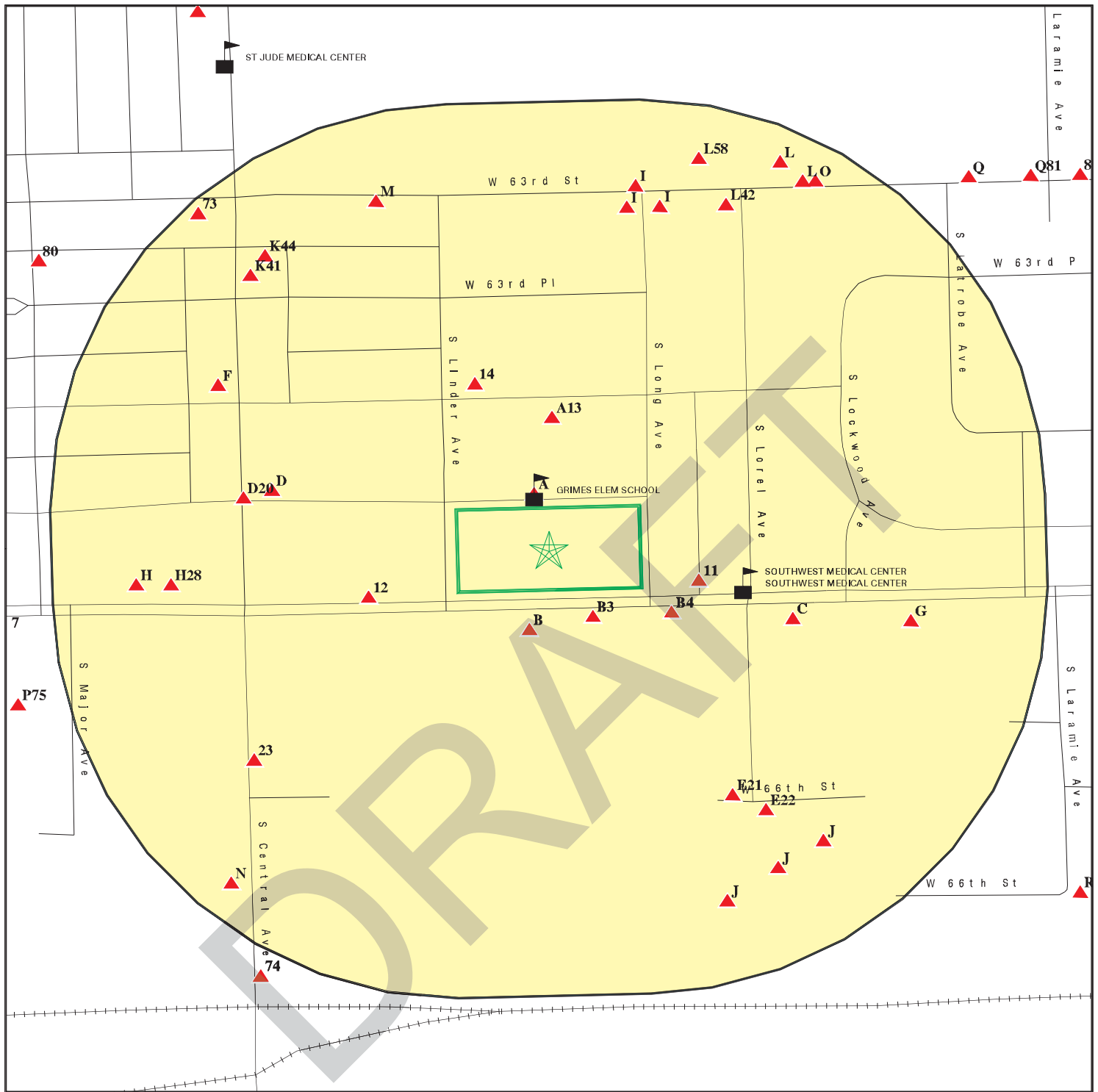
DRAFT








State Wetlands

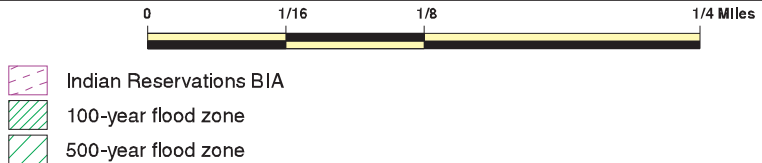
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

CLIENT: GSG Environmental Group, LLC.
CONTACT: Nils Clausen
INQUIRY #: 5492075.2s
DATE: November 21, 2018 1:58 pm

DETAIL MAP - 5492075.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Proposed Hancock Replacement H.S.
 ADDRESS: W 65th St & S Long Ave
 Chicago IL 60638
 LAT/LONG: 41.77494 / 87.757959

CLIENT: GSG Environmental Group, LLC.
 CONTACT: Nils Clausen
 INQUIRY #: 5492075.2s
 DATE: November 21, 2018 2:01 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		1	1	1	NR	NR	3
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		1	0	0	5	NR	6
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	3	NR	NR	NR	3
RCRA-CESQG	0.250		3	3	NR	NR	NR	6
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SSU	1.000		0	0	1	1	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
CCDD	0.500		0	0	0	NR	NR	0
SWF/LF	0.500		0	0	0	NR	NR	0
LF SPECIAL WASTE	0.500		0	0	0	NR	NR	0
IL NIPC	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	9	25	NR	NR	35

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		3	10	NR	NR	NR	13
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
TANKS	0.250		5	26	NR	NR	NR	31
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		1	0	2	NR	NR	3
INST CONTROL	0.500		1	0	3	NR	NR	4
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
SRP	0.500		2	1	5	NR	NR	8
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		5	4	NR	NR	NR	9

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	1	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BOL	0.001		0	NR	NR	NR	NR	0
CHICAGO ENV	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HVAR	0.001		0	NR	NR	NR	NR	0
IMPDMNT	0.500		0	0	0	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PIMW	0.250		0	0	NR	NR	NR	0
TIER 2	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
---------	-------	--	---	---	---	---	----	---

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	24	57	39	7	0	127

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
NNW
< 1/8
0.009 mi.
49 ft.

BOARD OF EDUCATION
5450 W 64TH PL
CHICAGO, IL

TANKS **S121857311**
N/A

Site 1 of 3 in cluster A

Relative:
Higher

CHICAGO TANKS:

Actual:
615 ft.

Facility ID: 5450W641952-05-23
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 05/23/1952
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: P. MASEY; INSTALL 2-275 GAL FUEL OIL TANKS FINAL 3/31/53
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.775369
Longitude: -87.758691

A2
NNW
< 1/8
0.009 mi.
49 ft.

GRIMES ROBERT L SCHOOL
5450 W 64TH PL
CHICAGO, IL 60638

RCRA-CESQG **1001127088**
FINDS **ILR000033886**
ECHO

Site 2 of 3 in cluster A

Relative:
Higher

RCRA-CESQG:

Actual:
615 ft.

Date form received by agency: 12/24/2009
Facility name: GRIMES ROBERT L SCHOOL
Facility address: 5450 W 64TH PL
CHICAGO, IL 60638
EPA ID: ILR000033886
Mailing address: 8501 W 191ST ST BOX 10
MOKENA, IL 60448
Contact: THOMAS CONNELLY
Contact address: 8501 W 191ST ST BOX 10
MOKENA, IL 60448
Contact country: US
Contact telephone: 708-923-0202
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRIMES ROBERT L SCHOOL (Continued)

1001127088

Owner/Operator Summary:

Owner/operator name: CHICAGO PUBLIC SCHOOLS
Owner/operator address: 1819 W PERSHING RD
CHICAGO, IL 60609
Owner/operator country: Not reported
Owner/operator telephone: 772-535-7039
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Historical Generators:

Date form received by agency: 10/23/1998
Site name: GRIMES ROBERT L SCHOOL
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: X002
. Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRIMES ROBERT L SCHOOL (Continued)

1001127088

Violation Status: No violations found

FINDS:

Registry ID: 110005952610

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001127088
Registry ID: 110005952610
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005952610>

**B3
SSE
< 1/8
0.017 mi.
88 ft.**

**AVLON INDUSTRIES
5401 W 65TH/SITE B
CHICAGO, IL 60638**

**RCRA-CESQG
FINDS
ECHO**

**1004696031
ILR000035915**

Site 1 of 8 in cluster B

**Relative:
Higher
Actual:
615 ft.**

RCRA-CESQG:
Date form received by agency: 03/20/1997
Facility name: AVLON INDUSTRIES
Facility address: 5401 W 65TH/SITE B
CHICAGO, IL 60638
EPA ID: ILR000035915
Mailing address: 5401 W 65TH ST
CHICAGO, IL 60638
Contact: SAQIB KAZMI
Contact address: 5401 W 65TH ST
CHICAGO, IL 60638
Contact country: US
Contact telephone: 708-563-0365
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVLON INDUSTRIES (Continued)

1004696031

time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: SYED ALI N
Owner/operator address: 5401 W 65TH ST
CHICAGO, IL 60638
Owner/operator country: Not reported
Owner/operator telephone: 708-563-0363
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVLON INDUSTRIES (Continued)

1004696031

FINDS:

Registry ID: 110005954002

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004696031
Registry ID: 110005954002
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005954002>

**B4
ESE
< 1/8
0.024 mi.
125 ft.**

**CROWN CORK AND SEAL
5353 W 65TH ST
BEDFORD PARK, IL 60638**

**RCRA NonGen / NLR
FINDS
ECHO**

**1000887140
IL0000200527**

Site 2 of 8 in cluster B

**Relative:
Higher**

**Actual:
615 ft.**

RCRA NonGen / NLR:
Date form received by agency: 04/01/2006
Facility name: CROWN CORK AND SEAL
Facility address: 5353 W 65TH ST
BEDFORD PARK, IL 60638
EPA ID: IL0000200527
Contact: ENV COORDINATOR
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 708-239-5263
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CROWN CORK AND SEAL
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROWN CORK AND SEAL (Continued)

1000887140

Owner/operator name: CROWN CORK AND SEAL CO INC
Owner/operator address: 9300 ASHTON RD
PHILADELPHIA, PA 19136
Owner/operator country: Not reported
Owner/operator telephone: 215-698-5100
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CROWN CORK AND SEAL
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/01/1994
Site name: CROWN CORK AND SEAL
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROWN CORK AND SEAL (Continued)

1000887140

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found
FINDS:

Registry ID: 110005799582

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000887140
Registry ID: 110005799582
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005799582>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B5
SSW
< 1/8
0.024 mi.
126 ft.
BUDGET RENT-A-CAR SYSTEMS
5401 W. 65TH STREET
BEDFORD PARK, IL 60638
Site 3 of 8 in cluster B

UST **U003971867**
N/A

Relative:
Higher

Actual:
615 ft.

UST:

Facility ID: 2032598
Facility Status: CLOSED
Facility Type: **COMMERCIAL / RETAIL**
Owner Id: U0031485
Owner Name: Budget Rent A Car System, Inc.
Owner Address: 6 Sylvan Way Dept 29 - C93-36 Attn: Michael Feeley
Owner City,St,Zip: Parsippany, NJ 7054

Tank Number: 1
Tank Status: **Removed**
Tank Capacity: 120
Tank Substance: Gasoline
Last Used Date: 11/1/1998
OSFM First Notify Date: 10/12/1993
Red Tag Issue Date: Not reported
Install Date: 1/1/1960
Green Tag Decal: **I007021**
Green Tag Issue Date: **4/9/2007**
Green Tag Expire Date: **12/31/2009**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: 93-3025
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 2/26/1999
Abandoned Date: Not reported

Tank Number: 10
Tank Status: **Removed**
Tank Capacity: 1500
Tank Substance: Kerosene
Last Used Date: 1/1/1978
OSFM First Notify Date: 12/14/1993
Red Tag Issue Date: Not reported
Install Date: 1/1/1960
Green Tag Decal: **I007021**
Green Tag Issue Date: **4/9/2007**
Green Tag Expire Date: **12/31/2009**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUDGET RENT-A-CAR SYSTEMS (Continued)

U003971867

Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 11/18/1993
Abandoned Date: Not reported

Tank Number: 11
Tank Status: **Removed**
Tank Capacity: 12000
Tank Substance: Gasoline
Last Used Date: 8/8/2008
OSFM First Notify Date: 3/3/2004
Red Tag Issue Date: Not reported
Install Date: 12/2/2003
Green Tag Decal: **I007021**
Green Tag Issue Date: **4/9/2007**
Green Tag Expire Date: **12/31/2009**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Corrosion Prot - Piping
Equipment: Fiberglass Non-Corrosive
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 8/7/2008
Abandoned Date: Not reported

Tank Number: 12
Tank Status: **Does Not Exist**
Tank Capacity: 4000
Tank Substance: Diesel Fuel
Last Used Date: Not reported
OSFM First Notify Date: Not reported
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **I007021**
Green Tag Issue Date: **4/9/2007**
Green Tag Expire Date: **12/31/2009**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Corrosion Prot - Piping
Equipment: Fiberglass Non-Corrosive
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

Tank Number: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUDGET RENT-A-CAR SYSTEMS (Continued)

U003971867

Tank Status: Removed
Tank Capacity: 10000
Tank Substance: Diesel Fuel
Last Used Date: 11/19/1993
OSFM First Notify Date: 10/12/1993
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: I007021
Green Tag Issue Date: 4/9/2007
Green Tag Expire Date: 12/31/2009
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 11/19/1993
Abandoned Date: Not reported

Tank Number: 3
Tank Status: Removed
Tank Capacity: 280
Tank Substance: Not reported
Last Used Date: 11/19/1993
OSFM First Notify Date: 10/12/1993
Red Tag Issue Date: Not reported
Install Date: 1/1/1931
Green Tag Decal: I007021
Green Tag Issue Date: 4/9/2007
Green Tag Expire Date: 12/31/2009
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 11/19/1993
Abandoned Date: Not reported

Tank Number: 4
Tank Status: Removed
Tank Capacity: 15000
Tank Substance: Heating Oil
Last Used Date: 1/1/1987
OSFM First Notify Date: 10/12/1993
Red Tag Issue Date: Not reported
Install Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUDGET RENT-A-CAR SYSTEMS (Continued)

U003971867

Green Tag Decal: I007021
Green Tag Issue Date: 4/9/2007
Green Tag Expire Date: 12/31/2009
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 11/19/1993
Abandoned Date: Not reported

Tank Number: 5
Tank Status: Removed
Tank Capacity: 1500
Tank Substance: Kerosene
Last Used Date: 1/1/1978
OSFM First Notify Date: 10/12/1993
Red Tag Issue Date: Not reported
Install Date: 1/1/1960

Green Tag Decal: I007021
Green Tag Issue Date: 4/9/2007
Green Tag Expire Date: 12/31/2009
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 11/18/1993
Abandoned Date: Not reported

Tank Number: 6
Tank Status: Abandoned in place
Tank Capacity: 2500
Tank Substance: Not reported
Last Used Date: 1/1/1978
OSFM First Notify Date: 10/12/1993
Red Tag Issue Date: Not reported
Install Date: 1/1/1930
Green Tag Decal: I007021
Green Tag Issue Date: 4/9/2007
Green Tag Expire Date: 12/31/2009
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUDGET RENT-A-CAR SYSTEMS (Continued)

U003971867

Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: 3/24/1994

Tank Number: 9
Tank Status: **Removed**
Tank Capacity: 6000
Tank Substance: Gasoline
Last Used Date: 1/1/1978
OSFM First Notify Date: 10/12/1993
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **I007021**
Green Tag Issue Date: **4/9/2007**
Green Tag Expire Date: **12/31/2009**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 11/19/1993
Abandoned Date: Not reported

B6
SSW
< 1/8
0.024 mi.
126 ft.

UNITED STATES CAN COMPANY
5401 WEST 65TH STREET
BEDFORD PARK, IL 60638

Site 4 of 8 in cluster B

LUST **S105815553**
SRP **N/A**

Relative:
Higher
Actual:
615 ft.

LUST:
Incident Num: 933025
IL EPA Id: 310125147
Product: Diesel
IEMA Date: 1993-11-19
Project Manager: Davison
Project Manager Phone: Not reported
Email: Not reported
PRP Name: W 65 Bedford Park Assoc. Ltd Partnership
PRP Contact: Sheila Shubat
PRP Address: 122 South Michigan Ave., Suite 1920
PRP City,St,Zip: Chicago, IL 60603
PRP Phone: Not reported
Site Classification: NFA
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1993-12-09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED STATES CAN COMPANY (Continued)

S105815553

45 Report Received: 1994-01-04
NFA/NFR Letter: **1994-09-26**
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

SRP:

IL EPA Id: 316640008
US EPA Id: ILD000803718
Longitude: -87.758135
Latitude: 41.773179
Contact Name: David Friedman
Contact Address: 351 West Hubbard Street
Contact City,St,Zip: Chicago 60654
Date Enrolled: 03/04/2010
Point Of Contact: David Wagner
Consultant Company: ETS Environmental & Associates Inc.
Consultant Address: 204 Dearborn Court
Consultant City,St,Zip: Geneva 60134
Proj Mgr Assigned: Tim Zook
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: Bedford Industrial Center LLC

B7
SSW
< 1/8
0.024 mi.
126 ft.

CONTINENTAL GROUP INC
5401 W 65TH ST
CHICAGO, IL 60638

RCRA NonGen / NLR

1000412673
ILD003913886

Site 5 of 8 in cluster B

Relative:
Higher
Actual:
615 ft.

RCRA NonGen / NLR:
Date form received by agency: 08/18/1980
Facility name: CONTINENTAL GROUP INC
Facility address: 5401 W 65TH ST
CHICAGO, IL 60638
EPA ID: ILD003913886
Contact: NATHANIEL MARTIN
Contact address: 5401 W 65TH ST
CHICAGO, IL 60638
Contact country: US
Contact telephone: 312-563-4204
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTINENTAL GROUP INC (Continued)

1000412673

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F017
. Waste name: Not Defined

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B8
SSW
< 1/8
0.024 mi.
126 ft.

PETERSON ELASTOMERS INC
5401 W 65TH ST
BEDFORD PARK, IL 60638

RCRA NonGen / NLR
FINDS
ECHO

1000218691
ILD982069080

Site 6 of 8 in cluster B

Relative:
Higher

RCRA NonGen / NLR:

Actual:
615 ft.

Date form received by agency: 11/01/2007
Facility name: PETERSON ELASTOMERS INC
Facility address: 5401 W 65TH ST
BEDFORD PARK, IL 60638
EPA ID: ILD982069080
Contact: ENV COORDINATOR
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 313-373-8100
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: PETERSON CHARLES M
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PETERSON ELASTOMERS INC (Continued)

1000218691

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/30/1987
Site name: PETERSON ELASTOMERS INC
Classification: Large Quantity Generator

Waste code: U226
Waste name: ETHANE, 1,1,1-TRICHLORO-

Waste code: U239
Waste name: BENZENE, DIMETHYL- (I,T)

Violation Status: No violations found

FINDS:

Registry ID: 110005860684

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000218691
Registry ID: 110005860684
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005860684>

B9
SSW
< 1/8
0.024 mi.
126 ft.

CONTINENTAL CAN U S A PLANT #5
5401 WEST 65TH STREET
BEDFORD PARK, IL 60638

Site 7 of 8 in cluster B

SEMS-ARCHIVE
CORRACTS
RCRA NonGen / NLR
FINDS
ECHO

1000412671
ILD000803718

Relative:
Higher

Actual:
615 ft.

SEMS Archive:
Site ID: 507174
EPA ID: ILD000803718
Cong District: 3
FIPS Code: 17031
FF: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTINENTAL CAN U S A PLANT #5 (Continued)

1000412671

NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region: 5
Site ID: 507174
EPA ID: ILD000803718
Site Name: CONTINENTAL CAN U S A PLANT #5
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1995-12-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 5
Site ID: 507174
EPA ID: ILD000803718
Site Name: CONTINENTAL CAN U S A PLANT #5
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1993-03-26 00:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 5
Site ID: 507174
EPA ID: ILD000803718
Site Name: CONTINENTAL CAN U S A PLANT #5
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1992-06-30 00:00:00
Finish Date: 1992-06-30 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

CORRACTS:

EPA ID: ILD000803718
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 20090501
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTINENTAL CAN U S A PLANT #5 (Continued)

1000412671

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD000803718
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19920926
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

RCRA NonGen / NLR:

Date form received by agency: 11/01/2007
Facility name: CONTINENTAL CAN CO USA PLANT 5
Facility address: 5401 W 65TH ST
CHICAGO, IL 60638

EPA ID: ILD000803718
Contact: ENV COORDINATOR
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 708-563-4204
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CONTINENTAL CAN CO USA PLT 5
Owner/operator address: 5401 W 65TH ST
CHICAGO, IL 60638

Owner/operator country: Not reported
Owner/operator telephone: 312-563-4204
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CONTINENTAL CAN CO USA PLT 5
Owner/operator address: 5401 W 65TH ST
CITY NOT REPORTED, IL 99998

Owner/operator country: Not reported
Owner/operator telephone: 312-563-4204
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTINENTAL CAN U S A PLANT #5 (Continued)

1000412671

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 11/19/1980

Site name: CONTINENTAL CAN CO USA PLANT 5

Classification: Not a generator, verified

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 08/18/1980

Site name: CONTINENTAL CAN CO USA PLANT 5

Classification: Large Quantity Generator

Waste code: D000

Waste name: Not Defined

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTINENTAL CAN U S A PLANT #5 (Continued)

1000412671

. Waste code: F017
. Waste name: Not Defined

Corrective Action Summary:

Event date: 09/26/1992
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 05/01/2009
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/25/1988
Date achieved compliance: 09/01/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/01/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/20/1986
Date achieved compliance: 05/12/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/09/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/01/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/22/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/25/1988
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONTINENTAL CAN U S A PLANT #5 (Continued)

1000412671

Date achieved compliance: 09/01/1988
Evaluation lead agency: State

Evaluation date: 05/22/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/20/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/12/1986
Evaluation lead agency: State

FINDS:

Registry ID: 110009366177

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000412671
Registry ID: 110009366177
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009366177>

B10
SSW
< 1/8
0.024 mi.
126 ft.

RAANI CORP
5401 W 65TH ST 1ST FL
BEDFORD PARK, IL 60638

Site 8 of 8 in cluster B

Relative:
Higher

Actual:
615 ft.

RCRA-CESQG:
Date form received by agency: 05/14/1990
Facility name: RAANI CORP
Facility address: 5401 W 65TH ST 1ST FL
BEDFORD PARK, IL 60638
EPA ID: ILD984785014
Mailing address: 5401 W 65TH ST IST FL
BEDFORD PARK, IL 60638
Contact: MATTHEW ZOELLER
Contact address: 5401 W 65TH ST IST FL
BEDFORD PARK, IL 60638
Contact country: US
Contact telephone: 708-496-8025
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator

RCRA-CESQG
FINDS
ECHO
1004477887
ILD984785014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAANI CORP (Continued)

1004477887

Description:

Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: SHERIDAN ROBERT AND PARTNERS
Owner/operator address: Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAANI CORP (Continued)

1004477887

FINDS:

Registry ID: 110005873769

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004477887
Registry ID: 110005873769
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005873769>

11
ESE
< 1/8
0.036 mi.
188 ft.

VIKING METAL
5321 W O65TH ST
BEDFORD PARK, IL 60441

UST U003667982
N/A

Relative:
Higher
Actual:
615 ft.

UST:
Facility ID: 2036821
Facility Status: EXEMPT
Facility Type: **NONE**
Owner Id: U0026983
Owner Name: Viking Metal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VIKING METAL (Continued)

U003667982

Owner Address: 5321 W O65Th St
Owner City,St,Zip: Bedford Park, IL 60441

Tank Number: 1
Tank Status: Pre 1974
Tank Capacity: 2000
Tank Substance: Diesel Fuel
Last Used Date: 12/1/1969
OSFM First Notify Date: 1/1/1902
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

12
WSW
< 1/8
0.055 mi.
292 ft.

CITI CORPORATION
5542 W 65TH ST
CHICAGO, IL

TANKS S121857596
N/A

Relative:
Higher
Actual:
615 ft.

CHICAGO TANKS:

Facility ID: 5542W651990-05-24
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 05/24/1990
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: CHALLENGE CONSTRUCTION; REMOVE 1-? FUEL OIL TANK FINAL 6/8/90
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.774448
Longitude: -87.760865

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A13
North
< 1/8
0.056 mi.
295 ft.
Site 3 of 3 in cluster A

TANKS **S121857199**
N/A

Relative:
Higher

Actual:
615 ft.

CHICAGO TANKS:

Facility ID: 5427W641956-10-05
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 10/05/1956
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: OWNER; INSTALL 1-1K GAL FUEL OIL TANK FINAL 12/6/56
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.776301
Longitude: -87.757737

14
NNW
< 1/8
0.078 mi.
411 ft.

ROBERT L GRIMES SCHOOL
5450 W 64TH PL
CHICAGO, IL 60636

UST **U002112834**
BOL **N/A**
CHICAGO ENV

Relative:
Higher

Actual:
615 ft.

UST:

Facility ID: 2033590
Facility Status: EXEMPT
Facility Type: **SCHOOL/COLLEGE**
Owner Id: U0023427
Owner Name: Robert L Grimes School
Owner Address: 5450 W 64Th Pl
Owner City,St,Zip: Chicago, IL 60636

Tank Number: 1
Tank Status: **Removed**
Tank Capacity: 2000
Tank Substance: Heating Oil
Last Used Date: 6/6/1973
OSFM First Notify Date: 10/3/1994
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 7/21/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROBERT L GRIMES SCHOOL (Continued)

U002112834

Abandoned Date: Not reported

BOL:

Site Id: 170000330639
Inv Num: 0316675060
Interest Name: Robert L Grimes School
Interest Type: BOL
Media Code: LAND

CHICAGO ENV:

Map Location: 5450 W 64TH ST CHICAGO, IL (41.776296, -87.758026)
Complaints: Not reported
Neshaps and Demolition Notices: Not reported
Enforcement: Not reported
Inspections: Not reported
Permits: Y
Tanks: Not reported
Holds and Lust Nfr: Not reported
Latitude: 41.776296
Longitude: -87.758026

Map Location: 5450 W 64TH PL CHICAGO, IL (41.775369, -87.758691)
Complaints: Not reported
Neshaps and Demolition Notices: Not reported
Enforcement: Not reported
Inspections: Not reported
Permits: Y
Tanks: Y
Holds and Lust Nfr: Not reported
Latitude: 41.775369
Longitude: -87.758691

**C15
ESE
< 1/8
0.087 mi.
462 ft.**

**VIKING METAL CABINET CO INC
5321 W 65TH ST
CHICAGO, IL 60638**

**RCRA NonGen / NLR 1000256937
ILD005127006**

Site 1 of 3 in cluster C

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
615 ft.**

Date form received by agency: 11/01/2007
Facility name: VIKING METAL CABINET CO INC
Facility address: 5321 W 65TH ST
CHICAGO, IL 60638
EPA ID: ILD005127006
Contact: ENV COORDINATOR
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 773-594-1111
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VIKING METAL CABINET CO INC (Continued)

1000256937

Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/17/1984
Site name: VIKING METAL CABINET CO INC
Classification: Large Quantity Generator

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VIKING METAL CABINET CO INC (Continued)

1000256937

Violation Status: No violations found

**C16
ESE
< 1/8
0.095 mi.
502 ft.**

**HARBOR PROPERTIES ASSOCIATES INC.
5301-5319 WEST 65TH STREET
BEDFORD PARK, IL 60638**

**ENG CONTROLS
INST CONTROL
SRP**

**S113248881
N/A**

Site 2 of 3 in cluster C

**Relative:
Higher**

**Actual:
615 ft.**

ENGINEERING CONTROLS:

Illinois Epa Id: 310125256
NFR Letter: 05/01/2013
Date NFR Recorded: 05/16/2013
Comprehensive / Focused: Focused
Remediation Applicant Name: Harry Lipner
RA Company: Harbor Properties Associates Inc.
RA Address: 5235 West 65th Street
RA City,St,Zip: Bedford Park IL 60638
Worker Caution: No
Acres: 0.2
Land Use: Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: No
Industrial - Commercial: Yes
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: Yes
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No

IL INSTUTIONAL CONTROL:

Illinois EPA Id: 310125256
NFR Letter: 05/01/2013
Date NFR Recorded: 05/16/2013
Comprehensive / Focused: Focused
Remediation Applicant Name: Harry Lipner
RA Company: Harbor Properties Associates Inc.
RA Address: 5235 West 65th Street
RA City,St,Zip: Bedford Park IL 60638
Worker Caution: No
Acres: 0.2
Land Use: Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: No
Industrial - Commercial: Yes
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: Yes
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARBOR PROPERTIES ASSOCIATES INC. (Continued)

S113248881

SRP:

IL EPA Id: 310125256
US EPA Id: Not reported
Longitude: -87.754508
Latitude: 41.773842
Contact Name: Harry Lipner
Contact Address: 5235 West 65th Street
Contact City,St,Zip: Bedford Park 60638
Date Enrolled: 02/06/2013
Point Of Contact: Minghua Wan P.E.
Consultant Company: Hydrodynamics Consultants Inc.
Consultant Address: 5403 Patton Drive
Consultant City,St,Zip: Lisle 60532
Proj Mgr Assigned: Rhett Rossi
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: Harbor Properties Associates Inc.

NFRDL:

Effective: True
Land Use: Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: No
Industrial - Commercial: Yes
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: Yes
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No
Remediation Applicant Name: Harry Lipner
Remediation Applicant Company: Harbor Properties Associates Inc.
Remediation Applicant Address: 5235 West 65th Street
Remediation Applicant City,St,Zip: Bedford Park IL 60638
Illinois EPA: 310125256
Site Name: Harbor Properties Associates Inc.
NFR Letter: 2013-05-01
NFR Letter Date Recorded: 2013-05-16
Comprehensive/Focused: Focused
Worker Caution: N
Acres: 0.2

C17
ESE
< 1/8
0.095 mi.
502 ft.

LEE QUIGLEY CO
5301 W 65TH ST UNIT D
BEDFORD PARK, IL 60638

RCRA-LQG 1023676318
ILR000195032

Site 3 of 3 in cluster C

Relative:
Higher

RCRA-LQG:

Actual:
615 ft.

Date form received by agency: 05/25/2017
Facility name: LEE QUIGLEY CO
Facility address: 5301 W 65TH ST UNIT D
BEDFORD PARK, IL 60638
EPA ID: ILR000195032

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEE QUIGLEY CO (Continued)

1023676318

Contact: ROBERT J PALOMINO
Contact address: 5301 W 65TH ST UNIT D
CHICAGO, IL 60638
Contact country: US
Contact telephone: 708-563-1600
Contact email: BOB.PALOMINO@LEEQUIGLEY.COM
EPA Region: 05
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: HARBOR PROPERTIES
Owner/operator address: PO BOX 5235
BEDFORD PARK, IL 60638
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/01/1987
Owner/Op end date: Not reported

Owner/operator name: MARY FILL
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/01/2005
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEE QUIGLEY CO (Continued)

1023676318

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

D18
WNW
< 1/8
0.114 mi.
603 ft.

CEPE INCORPORATED
6425 S CENTRAL AVE
CHICAGO, IL

TANKS S121860569
N/A

Site 1 of 3 in cluster D

Relative:
Higher

Actual:
615 ft.

CHICAGO TANKS:

Facility ID: 6425CEN1958-07-15
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 07/15/1958
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: NYMAN DICKMAN; INSTALL 1-1K GAL FUEL OIL TANK FINAL N/G
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.775436
Longitude: -87.76162

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D19
WNW
< 1/8
0.114 mi.
603 ft.

CEPE INCORPORATED
6425 S CENTRAL AVE
CHICAGO, IL

TANKS **S121860570**
N/A

Site 2 of 3 in cluster D

Relative:
Higher

CHICAGO TANKS:

Actual:
615 ft.

Facility ID: 6425CEN1990-08-03
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 08/03/1990
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: STANDARD TANK; REMOVE 1-1K W.O. TK FINAL 10/26/90
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.775436
Longitude: -87.76162

D20
West
1/8-1/4
0.131 mi.
693 ft.

U.S. POSTAL SERVICE
6425 SOUTH CENTRAL AVE.
CHICAGO, IL 60638

LUST **S104526523**
N/A

Site 3 of 3 in cluster D

Relative:
Higher

LUST:

Actual:
615 ft.

Incident Num: 903217
IL EPA Id: 316565050
Product: Fuel Oil
IEMA Date: 1990-10-31
Project Manager: Hawbaker
Project Manager Phone: (217) 782-5713
Email: Carol.Hawbaker@illinois.gov
PRP Name: GTI Holdings Inc.
PRP Contact: My Ayyad Yassin
PRP Address: 6425 S. Central Avenue
PRP City,St,Zip: Chicago, IL 60638
PRP Phone: 7082371100
Site Classification: Not reported
Section 57.5(g) Letter: 734
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 2010-04-27
45 Report Received: 2010-04-27
NFA/NFR Letter: 2010-07-15
NFR Date Recorded: 2010-08-09
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E21
SE
1/8-1/4
0.139 mi.
734 ft.

AMERICAN INDUSTRIAL POWDER COATING INC
5310 W 66TH ST
BEDFORD PARK, IL 60638

RCRA NonGen / NLR
FINDS
ECHO

1000979163
IL0000999243

Site 1 of 2 in cluster E

Relative:
Higher

RCRA NonGen / NLR:

Actual:
615 ft.

Date form received by agency: 02/05/2001
Facility name: AMERICAN INDUSTRIAL PAINTING
Facility address: 5310 W 66TH ST
BEDFORD PARK, IL 60638
EPA ID: IL0000999243
Mailing address: PO BOX 6131
VERNON HILLS, IL 60061
Contact: PETER FLAHERTY
Contact address: 5310 W 66TH ST
BEDFORD PARK, IL 60638
Contact country: US
Contact telephone: 708-728-1300
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: PEDERSEN DEBORAH M
Owner/operator address: PO BOX 6131
VERNON HILLS, IL 60060
Owner/operator country: Not reported
Owner/operator telephone: 708-728-1300
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1997
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN INDUSTRIAL POWDER COATING INC (Continued)

1000979163

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

Historical Generators:

Date form received by agency: 01/03/1995
Site name: AMERICAN INDUSTRIAL PAINTING
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110005807500

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

AIR EMISSIONS CLASSIFICATION UNKNOWN

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000979163
Registry ID: 110005807500
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005807500>

E22
SE
1/8-1/4
0.156 mi.
826 ft.

BARTON CHEMICAL CORPORATION
5331 WEST 66TH STREET
BEDFORD PARK, IL 60499

Site 2 of 2 in cluster E

SRP S104491203
N/A

Relative:
Higher
Actual:
615 ft.

SRP:
IL EPA Id: 310125126
US EPA Id: ILD980606438
Longitude: -87.755585
Latitude: 41.772182
Contact Name: Jerome Engerman
Contact Address: 5331 West 66th Street
Contact City,St,Zip: Bedford Park 60499
Date Enrolled: 12/18/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARTON CHEMICAL CORPORATION (Continued)

S104491203

Point Of Contact: Richard G. Bergreen
Consultant Company: STS Consultants Ltd.
Consultant Address: 750 Corporate Woods Parkway
Consultant City,St,Zip: Vernon Hills 60061-3153
Proj Mgr Assigned: Todd Gross
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: Barton Chemical Corporation

23
SW
1/8-1/4
0.163 mi.
859 ft.

VILLAGE OF BEDFORD PARK
6535 S. CENTRAL AVE.
BEDFORD PARK, IL 60638

UST U001141724
BOL N/A

Relative:
Higher
Actual:
615 ft.

UST:
Facility ID: 2005043
Facility Status: CLOSED
Facility Type: **NONE**
Owner Id: U0001299
Owner Name: Village of Bedford Park
Owner Address: 6701 S. Archer Avenue
Owner City,St,Zip: Bedford Park, IL 60501

Tank Number: 1
Tank Status: **Removed**
Tank Capacity: 2000
Tank Substance: Diesel Fuel
Last Used Date: Not reported
OSFM First Notify Date: 3/19/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: 16-0734,990711
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 3/25/1999
Abandoned Date: Not reported

Tank Number: 2
Tank Status: **Removed**
Tank Capacity: 12000
Tank Substance: Heating Oil
Last Used Date: 12/31/1973
OSFM First Notify Date: Not reported
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLAGE OF BEDFORD PARK (Continued)

U001141724

Green Tag Issue Date:	Not reported
Green Tag Expire Date:	Not reported
Fee Due:	\$0.00
Motor Fuel Permit Inspection Date:	Not reported
Motor Fuel Permit Expiration Date:	Not reported
MOTOR FUEL TYPE:	Not reported
Pending Nov:	N
IEMA:	Not reported
Equipment Type:	Not reported
Equipment:	Not reported
Last Passing Date:	Not reported
Test Expire Date:	Not reported
Removed Date:	8/15/2016
Abandoned Date:	Not reported

BOL:

Site Id:	170000439728
Inv Num:	0310125192
Interest Name:	Bedford Park, Village Of
Interest Type:	BOL
Media Code:	LAND

F24
WNW
1/8-1/4
0.166 mi.
875 ft.

SHELL OIL
6358 S CENTRAL AVE
CHICAGO, IL

TANKS S121860375
N/A

Site 1 of 2 in cluster F

Relative:
Higher
Actual:
615 ft.

CHICAGO TANKS:

Facility ID:	6358CEN1962-06-18
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	Not reported
Tank ID:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Substance:	Not reported
Tank Capacity:	Not reported
Install Date:	06/18/1962
Removal Date:	Not reported
Last Used Date:	Not reported
Comments:	WORK BY: H & H TANK INSTALLERS; INSPECT 2-6K GAL GASLN, REMOVE 2-2K FINAL 9/5/62
Data Source:	HISTORIC DEPT. OF BUILDINGS
Latitude:	41.776439
Longitude:	-87.761662

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F25
WNW
1/8-1/4
0.166 mi.
875 ft.

SHELL OIL
6358 S CENTRAL AVE
CHICAGO, IL

Site 2 of 2 in cluster F

Relative:
Higher

Actual:
615 ft.

CHICAGO TANKS:

Facility ID:

6358CEN1947-04-05

Tank Type:

UNDERGROUND STORAGE TANK

Owner:

Not reported

Tank ID:

Not reported

Tank Material:

Not reported

Tank Construction:

Not reported

Substance:

Not reported

Tank Capacity:

Not reported

Install Date:

04/05/1947

Removal Date:

Not reported

Last Used Date:

Not reported

Comments:

WORK BY: H. M. BOLES & SONS; REPLACE 1-500 & 1-1K WITH 2-2K FINAL
4/30/47

Data Source:

HISTORIC DEPT. OF BUILDINGS

Latitude:

41.776439

Longitude:

-87.761662

TANKS **S121860374**
N/A

G26
ESE
1/8-1/4
0.167 mi.
882 ft.

HARBOR PROPERTIES
5235 W 65TH ST
BEDFORD PARK, IL 60638

Site 1 of 2 in cluster G

Relative:
Higher

Actual:
616 ft.

UST:

Facility ID:

2033983

Facility Status:

EXEMPT

Facility Type:

NONE

Owner Id:

U0023908

Owner Name:

Harbor Properties

Owner Address:

5235 W 65Th St

Owner City,St,Zip:

Bedford Park, IL 60638

Tank Number:

1

Tank Status:

Pre 1974

Tank Capacity:

0

Tank Substance:

Not reported

Last Used Date:

1/1/1972

OSFM First Notify Date:

1/1/1902

Red Tag Issue Date:

Not reported

Install Date:

Not reported

Green Tag Decal:

Not reported

Green Tag Issue Date:

Not reported

Green Tag Expire Date:

Not reported

Fee Due:

Not reported

Motor Fuel Permit Inspection Date:

Not reported

Motor Fuel Permit Expiration Date:

Not reported

MOTOR FUEL TYPE:

Not reported

Pending Nov:

N

IEMA:

Not reported

Equipment Type:

Not reported

Equipment:

Not reported

Last Passing Date:

Not reported

Test Expire Date:

Not reported

UST **U002222553**
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARBOR PROPERTIES (Continued)

U002222553

Removed Date: Not reported
Abandoned Date: Not reported

Tank Number: 10
Tank Status: Pre 1974
Tank Capacity: 0
Tank Substance: Not reported
Last Used Date: 1/1/1972
OSFM First Notify Date: 1/1/1902
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

Tank Number: 11
Tank Status: Pre 1974
Tank Capacity: 0
Tank Substance: Not reported
Last Used Date: 1/1/1972
OSFM First Notify Date: 1/1/1902
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

Tank Number: 12
Tank Status: Pre 1974
Tank Capacity: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARBOR PROPERTIES (Continued)

U002222553

Tank Substance: Not reported
Last Used Date: 1/1/1972
OSFM First Notify Date: 1/1/1902
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

Tank Number: 2
Tank Status: Pre 1974
Tank Capacity: 0
Tank Substance: Not reported
Last Used Date: 1/1/1972
OSFM First Notify Date: 1/1/1902
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

Tank Number: 3
Tank Status: Pre 1974
Tank Capacity: 0
Tank Substance: Not reported
Last Used Date: 1/1/1972
OSFM First Notify Date: 1/1/1902
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARBOR PROPERTIES (Continued)

U002222553

Green Tag Expire Date:	Not reported
Fee Due:	Not reported
Motor Fuel Permit Inspection Date:	Not reported
Motor Fuel Permit Expiration Date:	Not reported
MOTOR FUEL TYPE:	Not reported
Pending Nov:	N
IEMA:	Not reported
Equipment Type:	Not reported
Equipment:	Not reported
Last Passing Date:	Not reported
Test Expire Date:	Not reported
Removed Date:	Not reported
Abandoned Date:	Not reported

Tank Number:	4
Tank Status:	Pre 1974
Tank Capacity:	0
Tank Substance:	Not reported
Last Used Date:	1/1/1972
OSFM First Notify Date:	1/1/1902
Red Tag Issue Date:	Not reported
Install Date:	Not reported
Green Tag Decal:	Not reported
Green Tag Issue Date:	Not reported
Green Tag Expire Date:	Not reported
Fee Due:	Not reported
Motor Fuel Permit Inspection Date:	Not reported
Motor Fuel Permit Expiration Date:	Not reported
MOTOR FUEL TYPE:	Not reported
Pending Nov:	N
IEMA:	Not reported
Equipment Type:	Not reported
Equipment:	Not reported
Last Passing Date:	Not reported
Test Expire Date:	Not reported
Removed Date:	Not reported
Abandoned Date:	Not reported

Tank Number:	5
Tank Status:	Pre 1974
Tank Capacity:	0
Tank Substance:	Not reported
Last Used Date:	1/1/1972
OSFM First Notify Date:	1/1/1902
Red Tag Issue Date:	Not reported
Install Date:	Not reported
Green Tag Decal:	Not reported
Green Tag Issue Date:	Not reported
Green Tag Expire Date:	Not reported
Fee Due:	Not reported
Motor Fuel Permit Inspection Date:	Not reported
Motor Fuel Permit Expiration Date:	Not reported
MOTOR FUEL TYPE:	Not reported
Pending Nov:	N
IEMA:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARBOR PROPERTIES (Continued)

U002222553

Equipment Type:	Not reported
Equipment:	Not reported
Last Passing Date:	Not reported
Test Expire Date:	Not reported
Removed Date:	Not reported
Abandoned Date:	Not reported

Tank Number:	6
Tank Status:	Pre 1974
Tank Capacity:	0
Tank Substance:	Not reported
Last Used Date:	1/1/1972
OSFM First Notify Date:	1/1/1902
Red Tag Issue Date:	Not reported
Install Date:	Not reported
Green Tag Decal:	Not reported
Green Tag Issue Date:	Not reported
Green Tag Expire Date:	Not reported
Fee Due:	Not reported
Motor Fuel Permit Inspection Date:	Not reported
Motor Fuel Permit Expiration Date:	Not reported
MOTOR FUEL TYPE:	Not reported
Pending Nov:	N
IEMA:	Not reported
Equipment Type:	Not reported
Equipment:	Not reported
Last Passing Date:	Not reported
Test Expire Date:	Not reported
Removed Date:	Not reported
Abandoned Date:	Not reported

Tank Number:	7
Tank Status:	Pre 1974
Tank Capacity:	0
Tank Substance:	Not reported
Last Used Date:	1/1/1972
OSFM First Notify Date:	1/1/1902
Red Tag Issue Date:	Not reported
Install Date:	Not reported
Green Tag Decal:	Not reported
Green Tag Issue Date:	Not reported
Green Tag Expire Date:	Not reported
Fee Due:	Not reported
Motor Fuel Permit Inspection Date:	Not reported
Motor Fuel Permit Expiration Date:	Not reported
MOTOR FUEL TYPE:	Not reported
Pending Nov:	N
IEMA:	Not reported
Equipment Type:	Not reported
Equipment:	Not reported
Last Passing Date:	Not reported
Test Expire Date:	Not reported
Removed Date:	Not reported
Abandoned Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARBOR PROPERTIES (Continued)

U002222553

Tank Number: 8
Tank Status: Pre 1974
Tank Capacity: 0
Tank Substance: Not reported
Last Used Date: 1/1/1972
OSFM First Notify Date: 1/1/1902
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

Tank Number: 9
Tank Status: Pre 1974
Tank Capacity: 0
Tank Substance: Not reported
Last Used Date: 1/1/1972
OSFM First Notify Date: 1/1/1902
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G27
ESE
1/8-1/4
0.167 mi.
882 ft.
IESCO INC
5235 W 65TH ST
BEDFORD PARK, IL 60638
Site 2 of 2 in cluster G

RCRA-SQG
FINDS
ECHO
1000176679
ILD982601783

Relative:
Higher

Actual:
616 ft.

RCRA-SQG:

Date form received by agency: 03/30/1988
Facility name: IESCO INC
Facility address: 5235 W 65TH ST
BEDFORD PARK, IL 60638
EPA ID: ILD982601783
Contact: FRANK KOENEN
Contact address: 5235 W 65TH ST
BEDFORD PARK, IL 60638
Contact country: US
Contact telephone: 312-594-1250
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: KOENEN FRANK
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IESCO INC (Continued)

1000176679

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IESCO INC (Continued)

1000176679

FINDS:

Registry ID: 110005863226

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000176679
Registry ID: 110005863226
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005863226>

**H28
West
1/8-1/4
0.177 mi.
933 ft.**

**STERLING SPRING CORP PLT 2
5620 W 65TH ST
CHICAGO, IL 60638**

**RCRA-CESQG 1000986929
FINDS IL0001029917
ECHO**

Site 1 of 3 in cluster H

**Relative:
Higher**

RCRA-CESQG:

Date form received by agency: 04/01/2006

Facility name: STERLING SPRING CORP PLT 2

Facility address: 5620 W 65TH ST
CHICAGO, IL 60638

EPA ID: IL0001029917

Contact: ENV COORDINATOR

Contact address: Not reported

Contact country: US

Contact telephone: 708-886-3445

Contact email: Not reported

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STERLING SPRING CORP PLT 2 (Continued)

1000986929

hazardous waste

Owner/Operator Summary:

Owner/operator name: STERLING SPRING CORP PLT 2
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Owner/operator name: STERLING SPRING CORP PLT 2
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Owner/operator name: STERLING SPRING CORP PLT 1
Owner/operator address: 5432 W 54TH ST
CHICAGO, IL 60638
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STERLING SPRING CORP PLT 2 (Continued)

1000986929

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/07/1995

Site name: STERLING SPRING CORP PLT 2

Classification: Large Quantity Generator

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110005808411

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000986929

Registry ID: 110005808411

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005808411>

129
NNE
1/8-1/4
0.184 mi.
973 ft.

**L & A BISHKARI
5401 W 63RD ST
CHICAGO, IL**

Site 1 of 13 in cluster I

**Relative:
Higher**

CHICAGO TANKS:

**Actual:
617 ft.**

Facility ID: 5401W631950-06-16
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported

**TANKS S121857098
N/A**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

L & A BISHKARI (Continued)

S121857098

Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 06/16/1950
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: CLEARING INDUSTRIAL ENGINEERIN; INSTALL 1-575 GAL FUEL OIL TANK FINAL 1/29/51
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778131
Longitude: -87.756996

**I30
NNE
1/8-1/4
0.184 mi.
973 ft.**

**L & A BISHKARI
5401 W 63RD ST
CHICAGO, IL**

**TANKS S121857099
N/A**

Site 2 of 13 in cluster I

**Relative:
Higher**

CHICAGO TANKS:

**Actual:
617 ft.**

Facility ID: 5401W631957-10-01
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 10/01/1957
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: C. FIELDS; INSTALL 1-1K GAL FUEL OIL TANK FINAL N/G
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778131
Longitude: -87.756996

**I31
NNE
1/8-1/4
0.185 mi.
977 ft.**

**DOLLAR RENT A CAR
5359 WEST 63RD STREET
CHICAGO, IL 60638**

**LUST U001142010
UST N/A**

Site 3 of 13 in cluster I

**Relative:
Higher**

LUST:

**Actual:
617 ft.**

Incident Num: 952583
IL EPA Id: 316565098
Product: Gasoline
IEMA Date: 1995-12-27
Project Manager: Harlow
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Dollar Systems Inc.
PRP Contact: Hayden Holcomb
PRP Address: 5330 East 31st St.
PRP City,St,Zip: Tulsa, OK 74153
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 732

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOLLAR RENT A CAR (Continued)

U001142010

Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1996-01-17
45 Report Received: 1996-02-09
NFA/NFR Letter: **Not reported**
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

UST:

Facility ID: 2007520
Facility Status: CLOSED
Facility Type: **COMMERCIAL / RETAIL**
Owner Id: U0027886
Owner Name: Dollar Rent A Car Systems Inc
Owner Address: 5330 East 31St Street
Owner City,St,Zip: Tulsa, OK 741530985

Tank Number: 1
Tank Status: **Removed**
Tank Capacity: 8000
Tank Substance: Gasoline
Last Used Date: 12/31/1986
OSFM First Notify Date: 3/10/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: ,95
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 12/31/1986
Abandoned Date: Not reported

Tank Number: 2
Tank Status: **Removed**
Tank Capacity: 8000
Tank Substance: Gasoline
Last Used Date: 12/31/1986
OSFM First Notify Date: 3/10/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOLLAR RENT A CAR (Continued)

U001142010

MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: ,95
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 12/31/1986
Abandoned Date: Not reported

Tank Number: 3
Tank Status: **Moved**
Tank Capacity: 8000
Tank Substance: Gasoline
Last Used Date: 12/16/1998
OSFM First Notify Date: 6/1/1986
Red Tag Issue Date: Not reported
Install Date: 6/1/1986
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 3/23/1999
Abandoned Date: Not reported

Tank Number: 4
Tank Status: **Moved**
Tank Capacity: 500
Tank Substance: Used Oil
Last Used Date: Not reported
OSFM First Notify Date: 7/1/1988
Red Tag Issue Date: Not reported
Install Date: 7/1/1988
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOLLAR RENT A CAR (Continued)

U001142010

Removed Date: Not reported
Abandoned Date: Not reported

Tank Number: 5
Tank Status: **Does Not Exist**
Tank Capacity: 8000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 11/6/1998
Red Tag Issue Date: Not reported
Install Date: 6/1/1986
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

Tank Number: 6
Tank Status: **Removed**
Tank Capacity: 12000
Tank Substance: Gasoline
Last Used Date: 11/7/2013
OSFM First Notify Date: 2/11/1999
Red Tag Issue Date: Not reported
Install Date: 12/22/1998
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 2/23/2017
Abandoned Date: Not reported

Tank Number: 7
Tank Status: **Removed**
Tank Capacity: 1000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOLLAR RENT A CAR (Continued)

U001142010

Tank Substance: Heating Oil
Last Used Date: 3/23/1999
OSFM First Notify Date: 9/30/1999
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: M003471
Green Tag Issue Date: 10/20/2011
Green Tag Expire Date: 12/31/2013
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 3/23/1999
Abandoned Date: Not reported

Tank Number: 8
Tank Status: Removed
Tank Capacity: 500
Tank Substance: Used Oil
Last Used Date: 3/24/1999
OSFM First Notify Date: 9/30/1999
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: M003471
Green Tag Issue Date: 10/20/2011
Green Tag Expire Date: 12/31/2013
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 3/24/1999
Abandoned Date: Not reported

I32
NNE
1/8-1/4
0.185 mi.
977 ft.

DOLLAR RENT A CAR/MIDWAY
5359 W 63RD ST
CHICAGO, IL 60638

Site 4 of 13 in cluster I

RCRA-SQG 1001232055
FINDS ILR000057729
ECHO

Relative:
Higher

Actual:
617 ft.

RCRA-SQG:
Date form received by agency: 11/09/1998
Facility name: DOLLAR RENT A CAR/MIDWAY
Facility address: 5359 W 63RD ST
CHICAGO, IL 60638
EPA ID: ILR000057729

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOLLAR RENT A CAR/MIDWAY (Continued)

1001232055

Contact: JOHN FRANKENBURGER
Contact address: 5359 W 63RD ST
CHICAGO, IL 60638
Contact country: US
Contact telephone: 773-686-2030
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: DOLLAR RENT A CAR
Owner/operator address: 5359 E 31ST ST
TULSA, OK 74135
Owner/operator country: Not reported
Owner/operator telephone: 918-669-3078
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOLLAR RENT A CAR/MIDWAY (Continued)

1001232055

FINDS:

Registry ID: 110003046212

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001232055
Registry ID: 110003046212
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003046212>

**I33
NNE
1/8-1/4
0.185 mi.
977 ft.**

**MIDWAY 66TH STATION
5359 W 63RD ST
CHICAGO, IL**

**TANKS S121856996
N/A**

Site 5 of 13 in cluster I

**Relative:
Higher**

**Actual:
617 ft.**

CHICAGO TANKS:

Facility ID: 5359W631982-08-09
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 08/09/1982
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: ABD TNK & PUMP; REPLACE 2-8K GSLN W/4-2K GAL GSLN USTS FINAL 9/3/82
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.77814
Longitude: -87.756495

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I34
NNE
1/8-1/4
0.185 mi.
977 ft.

MIDWAY 66TH STATION
5359 W 63RD ST
CHICAGO, IL

Site 6 of 13 in cluster I

TANKS S121856995
N/A

Relative:
Higher

Actual:
617 ft.

CHICAGO TANKS:

Facility ID:

5359W631976-06-07

Tank Type:

UNDERGROUND STORAGE TANK

Owner:

Not reported

Tank ID:

Not reported

Tank Material:

Not reported

Tank Construction:

Not reported

Substance:

Not reported

Tank Capacity:

Not reported

Install Date:

06/07/1976

Removal Date:

Not reported

Last Used Date:

Not reported

Comments:

WORK BY: LAKE SHORE OIL; REPLACE 1-1K W/1-2K GAL GSLN UST FINAL
6/21/76

Data Source:

HISTORIC DEPT. OF BUILDINGS

Latitude:

41.77814

Longitude:

-87.756495

I35
NNE
1/8-1/4
0.185 mi.
977 ft.

DOLLAR RENT-A-CAR
5359 W 63RD ST
CHICAGO, IL

Site 7 of 13 in cluster I

TANKS S121837452
N/A

Relative:
Higher

Actual:
617 ft.

CHICAGO TANKS:

Facility ID:

2007520

Tank Type:

UNDERGROUND STORAGE TANK

Owner:

See Environmental Permit Dataset

Tank ID:

6

Tank Material:

COMPOSITE

Tank Construction:

DOUBLE

Substance:

GASOLINE

Tank Capacity:

12000

Install Date:

12/22/1998

Removal Date:

Not reported

Last Used Date:

11/07/2013

Comments:

5359 W 63RD ST, OUT OF SERVICE 11/7/2013, Historic data from former
Dept. of Environment [Tank Leak Protection: Interstitial Monitoring;
Tank Spill Prevention: Spill Containment Manhole; Tank Corrosion
Protection: Composite/Exterior Coating; Tank Overfil

Data Source:

DEPT. OF PUBLIC HEALTH

Latitude:

41.77814

Longitude:

-87.756495

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J36
SE
1/8-1/4
0.191 mi.
1011 ft.
WITCO CORPORATION
6601 S LOREL AVE
BEDFORD PARK, IL 60638
Site 1 of 7 in cluster J

UST **U001141748**
N/A

Relative:
Higher

Actual:
615 ft.

UST:

Facility ID: 2021746
Facility Status: CLOSED
Facility Type: PETROLEUM DISTRIBUTOR
Owner Id: U0019782
Owner Name: Witco Corporation
Owner Address: 5301 W 66Th St
Owner City,St,Zip: Bedford Park, IL 60638

Tank Number: 1
Tank Status: Removed
Tank Capacity: 2000
Tank Substance: Heating Oil
Last Used Date: 1/1/1988
OSFM First Notify Date: 5/5/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1978
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 11/16/1993
Abandoned Date: Not reported

J37
SE
1/8-1/4
0.191 mi.
1011 ft.
MOTOR EXPRESS INC OF INDIANA
6601 S LOREL
BEDFORD PARK, IL 60638
Site 2 of 7 in cluster J

RCRA NonGen / NLR **1000340422**
FINDS **ILD000178541**
ECHO
AIRS

Relative:
Higher

Actual:
615 ft.

RCRA NonGen / NLR:

Date form received by agency: 08/18/1980
Facility name: MOTOR EXPRESS INC OF INDIANA
Facility address: 6601 S LOREL
BEDFORD PARK, IL 60638
EPA ID: ILD000178541
Contact: CHRIS SINK
Contact address: 6601 S LOREL
BEDFORD PARK, IL 60638
Contact country: US
Contact telephone: 312-586-1220
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTOR EXPRESS INC OF INDIANA (Continued)

1000340422

Owner/Operator Summary:

Owner/operator name: MOTOR EXPRESS INC A NEW JERSEY CORP
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTOR EXPRESS INC OF INDIANA (Continued)

1000340422

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: D003
- . Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Violation Status: No violations found

FINDS:

Registry ID: 110001341922

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AIR MINOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000340422
Registry ID: 110001341922
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001341922>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTOR EXPRESS INC OF INDIANA (Continued)

1000340422

AIRS:

2nd Address: Not reported
Facility ID: 870
Year: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Ext: Not reported
Contact Email: Not reported
ID Number: 031012AEF
Cease Operation Date: 1/1/1901
SIC Code: Not reported
NAICS: Not reported
Type Code: LOC
Permit: Not reported
Type: Not reported
Status: Not reported
Status Date: Not reported
Expiration Date: Not reported
Latitude: Not reported
Longitude: Not reported

**J38
SE
1/8-1/4
0.192 mi.
1012 ft.**

**ALLIED KELITE
5301 WEST 66TH ST.
BEDFORD PARK, IL 60638**

Site 3 of 7 in cluster J

**LUST S104523485
N/A**

**Relative:
Higher**

**Actual:
615 ft.**

LUST:

Incident Num: 932995
IL EPA Id: 310125013
Product: Fuel Oil
IEMA Date: 1993-11-16
Project Manager: Irwin
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Witco Corp.
PRP Contact: John Czerniak
PRP Address: 6200 W. 51st Street
PRP City,St,Zip: Chicago, IL 60638
PRP Phone: 7084962629
Site Classification: NFA
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1993-12-03
45 Report Received: 1994-01-03
NFA/NFR Letter: 1998-06-15
NFR Date Recorded: 1998-10-26
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J39
SE
1/8-1/4
0.192 mi.
1012 ft.

MUMFORD PROPERTIES
5301 W 66TH ST
BEDFORD PARK, IL 60638

Site 4 of 7 in cluster J

RCRA NonGen / NLR
FINDS
ECHO

1000175502
ILD049819576

Relative:
Higher

Actual:
615 ft.

RCRA NonGen / NLR:

Date form received by agency: 10/21/2016

Facility name: MUMFORD PROPERTIES

Facility address: 5301 W 66TH ST
BEDFORD PARK, IL 60638

EPA ID: ILD049819576

Contact: Not reported

Contact address: 5301 W 66TH ST
BEDFORD PARK, IL 60638

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 05

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: US
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HODSON CORP THE
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MUMFORD PROPERTIES (Continued)

1000175502

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/01/1987
Site name: HODSON CORP
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MUMFORD PROPERTIES (Continued)

1000175502

PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT).

Waste code: U028
Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 10/21/2016
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110009369548

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

EnvId: 1000175502
Registry ID: 110009369548
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009369548>

J40
SE
1/8-1/4
0.192 mi.
1012 ft.

WITCO CORPORATION
5301 W 66TH ST
BEDFORD PARK, IL 60638

Site 5 of 7 in cluster J

UST U000172557
N/A

Relative:
Higher
Actual:
615 ft.

UST:

Facility ID: 2005990
Facility Status: CLOSED
Facility Type: INDUSTRIAL / MANUFACTURING
Owner Id: U0019782
Owner Name: Witco Corporation
Owner Address: 5301 W 66Th St
Owner City,St,Zip: Bedford Park, IL 60638

Tank Number: 11
Tank Status: Removed
Tank Capacity: 2000
Tank Substance: Hazardous Substance

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WITCO CORPORATION (Continued)

U000172557

Last Used Date: 8/1/1994
OSFM First Notify Date: 3/25/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: 93-2995
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 8/23/1995
Abandoned Date: Not reported

Tank Number: 12
Tank Status: Removed
Tank Capacity: 2000
Tank Substance: Hazardous Substance
Last Used Date: 8/1/1994
OSFM First Notify Date: 3/25/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 8/23/1995
Abandoned Date: Not reported

Tank Number: 13
Tank Status: Removed
Tank Capacity: 2000
Tank Substance: Hazardous Substance
Last Used Date: 8/1/1994
OSFM First Notify Date: 3/25/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WITCO CORPORATION (Continued)

U000172557

Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 8/23/1995
Abandoned Date: Not reported

Tank Number: 14
Tank Status: **Removed**
Tank Capacity: 2000
Tank Substance: Hazardous Substance
Last Used Date: 8/1/1994
OSFM First Notify Date: 3/25/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 8/23/1995
Abandoned Date: Not reported

Tank Number: 24
Tank Status: **Removed**
Tank Capacity: 1500
Tank Substance: Not reported
Last Used Date: 10/20/1993
OSFM First Notify Date: 6/2/1992
Red Tag Issue Date: Not reported
Install Date: 1/1/1978
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WITCO CORPORATION (Continued)

U000172557

Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 11/16/1993
Abandoned Date: Not reported

**K41
NW
1/8-1/4
0.193 mi.
1017 ft.**

**MORRIS ELLEN
6321 S CENTRAL AVE
CHICAGO, IL**

**TANKS S121860236
N/A**

Site 1 of 2 in cluster K

**Relative:
Higher**

CHICAGO TANKS:

**Actual:
615 ft.**

Facility ID: 6321CEN1951-01-15
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 01/15/1951
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: HOME BUILDERS FINANCE COMPANY; INSTALL 3-275 GAL FUEL OIL TANKS FINAL 1/16/51
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.777437
Longitude: -87.761699

**L42
NNE
1/8-1/4
0.193 mi.
1020 ft.**

**BARDON CHEMICAL
5331 W 63RD ST
CHICAGO, IL**

**TANKS S121856867
N/A**

Site 1 of 12 in cluster L

**Relative:
Higher**

CHICAGO TANKS:

**Actual:
618 ft.**

Facility ID: 5331W631987-12-07
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 12/07/1987
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: P. J. HARTMANN; REMOVE 1-2K GAL GSLN TANK FINAL 1/7/88
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778156
Longitude: -87.755673

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M43
NNW
1/8-1/4
0.195 mi.
1028 ft.

DEPT. OF AVIATION
5525 WEST 63RD ST.
CHICAGO, IL 60638

Site 1 of 4 in cluster M

LUST **S104529620**
N/A

Relative:
Higher

Actual:
615 ft.

LUST:

Incident Num: 990859
IL EPA Id: 316565134
Product: Diesel
IEMA Date: 1999-04-09
Project Manager: Lambert, Tara
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Dept. of Aviation
PRP Contact: James Glowa
PRP Address: O'Hare Int'l AP, Term. 2, E-F Concourse, P.O. Box 66142
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: 7736863711
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1999-05-04
45 Report Received: 1999-07-13
NFA/NFR Letter: 1999-10-21
NFR Date Recorded: 2000-01-13
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

K44
NW
1/8-1/4
0.196 mi.
1036 ft.

EXCHANGE NATIONAL BANK OF CHICAGO
6315 S CENTRAL AVE
CHICAGO, IL

Site 2 of 2 in cluster K

TANKS **S121860211**
N/A

Relative:
Higher

Actual:
615 ft.

CHICAGO TANKS:

Facility ID: 6315SCE1952-09-16
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 09/16/1952
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: SUPRENA SHEET METAL COMPANY; INSTALL 2-275 GAL FUEL OIL TANKS
FINAL 3/19/52
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.777572
Longitude: -87.761699

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M45
NNW
1/8-1/4
0.197 mi.
1039 ft.

HAROLD MARZANO
5533 W 63RD ST
CHICAGO, IL

Site 2 of 4 in cluster M

TANKS **S121857559**
N/A

Relative:
Higher

Actual:
615 ft.

CHICAGO TANKS:

Facility ID: 5533W631950-05-10
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 05/10/1950
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: STEEL ERECTORS; INSTALL 1-3500 GAL FUEL OIL TANK FINAL 1/31/51
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.7781
Longitude: -87.76004

M46
NNW
1/8-1/4
0.197 mi.
1039 ft.

DEMOLISHED BUILDING
5533 W 63RD ST
CHICAGO, IL 60638

Site 3 of 4 in cluster M

UST **U003668695**
N/A

Relative:
Higher

Actual:
615 ft.

UST:

Facility ID: 2038838
Facility Status: EXEMPT
Facility Type: **NONE**
Owner Id: U0028641
Owner Name: Chicago/ Dept. of Aviation City of
Owner Address: Terminal 2-E/F Concourse
Owner City,St,Zip: Chicago, IL 60666

Tank Number: 1
Tank Status: **Removed**
Tank Capacity: 2000
Tank Substance: Heating Oil
Last Used Date: 12/31/1973
OSFM First Notify Date: Not reported
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: 99-0559,99-0859
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEMOLISHED BUILDING (Continued)

U003668695

Removed Date: 4/8/1999
Abandoned Date: Not reported

Tank Number: 2
Tank Status: **Removed**
Tank Capacity: 5000
Tank Substance: Heating Oil
Last Used Date: 12/31/1973
OSFM First Notify Date: Not reported
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 4/8/1999
Abandoned Date: Not reported

M47
NNW
1/8-1/4
0.197 mi.
1039 ft.

HAROLD MARZANO
5533 W 63RD ST
CHICAGO, IL
Site 4 of 4 in cluster M

TANKS **S121857560**
N/A

Relative:
Higher
Actual:
615 ft.

CHICAGO TANKS:
Facility ID: 5533W631954-01-06
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 01/06/1954
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: GEORGE HILL; INSTALL 1-2K GAL FUEL OIL TANK FINAL 6/23/55
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.7781
Longitude: -87.76004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I48
NNE
1/8-1/4
0.197 mi.
1042 ft.

U. S. DEPARTMENT OF MILITARY AFFAIR
5400 W 63RD ST
CHICAGO, IL

TANKS S121857073
N/A

Site 8 of 13 in cluster I

Relative:
Higher

CHICAGO TANKS:

Actual:
618 ft.

Facility ID: 5400W631947-01-07
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 01/07/1947
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: GENERAL TANK; INSPECT 1-2K & 2-3K GAL GSLN TKS FINAL 2/8/49
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778133
Longitude: -87.756853

I49
NNE
1/8-1/4
0.197 mi.
1042 ft.

NATIONAL GUARD MIDWAY AASF
5400 63RD ST., AVIATION SUPPORT FACILITY
CHICAGO, IL 60638

LUST S106526785
N/A

Site 9 of 13 in cluster I

Relative:
Higher

LUST:

Actual:
618 ft.

Incident Num: 923675
IL EPA Id: 316645014
Product: Gasoline
IEMA Date: 1992-12-29
Project Manager: Heaton
Project Manager Phone: (217) 524-3312
Email: Mike.Heaton@Illinois.gov
PRP Name: Illinois Dept. of Military Affairs
PRP Contact: Randy Scott
PRP Address: 1301 North MacArthur Blvd.
PRP City,St,Zip: Springfield, IL 62702-2399
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1993-01-11
45 Report Received: 1994-09-27
NFA/NFR Letter: 2001-06-27
NFR Date Recorded: 2001-07-26
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

150
NNE
1/8-1/4
0.197 mi.
1042 ft.

IL ARNG AASF 2
5400 W 63RD ST
CHICAGO, IL 60638

RCRA-CESQG

1000132480
ILD980825400

Site 10 of 13 in cluster I

Relative:
Higher

RCRA-CESQG:

Actual:
618 ft.

Date form received by agency: 05/21/2007

Facility name: IL ARNG AASF 2

Facility address: 5400 W 63RD ST
CHICAGO, IL 60638

EPA ID: ILD980825400

Mailing address: 1301 N MACARTHUR BLVD
SPRINGFIELD, IL 62702

Contact: MARTHA M MILLER

Contact address: 1301 N MACARTHUR BLVD
SPRINGFIELD, IL 62702

Contact country: US

Contact telephone: 217-761-3735

Contact email: Not reported

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: IL ARNG

Owner/operator address: 1301 N MACARTHUR BLVD
SPRINGFIELD, IL 62702

Owner/operator country: US

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: State

Owner/Operator Type: Operator

Owner/Op start date: 05/21/2007

Owner/Op end date: Not reported

Owner/operator name: IL ARNG

Owner/operator address: 1301 N MACARTHUR BLVD
SPRINGFIELD, IL 62702

Owner/operator country: US

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IL ARNG AASF 2 (Continued)

1000132480

Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 05/21/2007
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IL ARNG AASF 2 (Continued)

1000132480

- . Waste name: MERCURY
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F004
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 08/22/1983

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IL ARNG AASF 2 (Continued)

1000132480

Site name: ILL STATE OF ARNG MIDWAY AASF 2
Classification: Small Quantity Generator

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U031
. Waste name: 1-BUTANOL (I)

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL-

. Waste code: U154
. Waste name: METHANOL (I)

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO-

. Waste code: U227
. Waste name: ETHANE, 1,1,2-TRICHLORO-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO-

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T)

Violation Status: No violations found

I51
NNE
1/8-1/4
0.197 mi.
1042 ft.

MIDWAY AASF #2
5400 W 63RD ST
CHICAGO, IL

Site 11 of 13 in cluster I

TANKS S121837380
N/A

Relative:
Higher
Actual:
618 ft.

CHICAGO TANKS:

Facility ID: 2006877
Tank Type: UNDERGROUND STORAGE TANK
Owner: See Environmental Permit Dataset
Tank ID: 2
Tank Material: STEEL
Tank Construction: SINGLE
Substance: JET FUEL
Tank Capacity: 25000
Install Date: Not reported
Removal Date: Not reported
Last Used Date: Not reported
Comments: 5400 W 63RD ST, IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging/ Veeder

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIDWAY AASF #2 (Continued)

S121837380

Data Source:
Latitude:
Longitude:

Root TLS 300; Tank Spill Prevention: Spill Containment Manhole; Tank
Corrosion Protection: Impressed Current; Tank Overfi
DEPT. OF PUBLIC HEALTH
41.778133
-87.756853

I52
NNE
1/8-1/4
0.197 mi.
1042 ft.

AASF #2 CHICAGO MIDWAY
5400 W. 63RD STREET
CHICAGO, IL 60638

UST U000791616
N/A

Site 12 of 13 in cluster I

Relative:
Higher

Actual:
618 ft.

UST:

Facility ID:
Facility Status:
Facility Type:
Owner Id:
Owner Name:
Owner Address:
Owner City,St,Zip:

2006877
INACTIVE
FEDERAL (MILITARY)
U0007399
Illinois Department of Military Affairs
1301 N. MacArthur Blvd.
Springfield, IL 62702399

Tank Number:

1

Tank Status:

Removed

Tank Capacity:

6000

Tank Substance:

Gasoline

Last Used Date:

12/1/1992

OSFM First Notify Date:

3/21/1986

Red Tag Issue Date:

Not reported

Install Date:

Not reported

Green Tag Decal:

R001573

Green Tag Issue Date:

10/6/2016

Green Tag Expire Date:

12/31/2018

Fee Due:

\$0.00

Motor Fuel Permit Inspection Date:

Not reported

Motor Fuel Permit Expiration Date:

Not reported

MOTOR FUEL TYPE:

Not reported

Pending Nov:

N

IEMA:

Not reported

Equipment Type:

Not reported

Equipment:

Not reported

Last Passing Date:

Not reported

Test Expire Date:

Not reported

Removed Date:

12/28/1992

Abandoned Date:

Not reported

Tank Number:

2

Tank Status:

Out of service

Tank Capacity:

26000

Tank Substance:

Aviation Fuel

Last Used Date:

1/25/2018

OSFM First Notify Date:

3/21/1986

Red Tag Issue Date:

Not reported

Install Date:

3/21/1961

Green Tag Decal:

R001573

Green Tag Issue Date:

10/6/2016

Green Tag Expire Date:

12/31/2018

Fee Due:

\$0.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AASF #2 CHICAGO MIDWAY (Continued)

U000791616

Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Corrosion Prot - Piping
Equipment: Other Aboveground Piping
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

Tank Number: 3
Tank Status: **Removed**
Tank Capacity: 1000
Tank Substance: Not reported
Last Used Date: Not reported
OSFM First Notify Date: 10/2/1990
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **R001573**
Green Tag Issue Date: **10/6/2016**
Green Tag Expire Date: **12/31/2018**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 12/28/1992
Abandoned Date: Not reported

I53
NNE
1/8-1/4
0.197 mi.
1042 ft.

U. S. DEPARTMENT OF MILITARY AFFAIR
5400 W 63RD ST
CHICAGO, IL

TANKS **S121857074**
N/A

Site 13 of 13 in cluster I

Relative:
Higher

Actual:
618 ft.

CHICAGO TANKS:

Facility ID: 5400W631992-12-07
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 12/07/1992
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: MANKOFF EQUIPMENT; REMOVE 1-1K & 1-6K GAL GSLN TKS FINAL N/G
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778133

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U. S. DEPARTMENT OF MILITARY AFFAIR (Continued)

S121857074

Longitude: -87.756853

H54
West
1/8-1/4
0.198 mi.
1046 ft.

LONDON CARTAGE
5630 W 65TH ST
CHICAGO, IL

TANKS S121857925
N/A

Site 2 of 3 in cluster H

Relative:
Higher
Actual:
615 ft.

CHICAGO TANKS:

Facility ID: 5630W651948-09-13
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 09/13/1948
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: JAMES H. MCCAULEY & SONS; INSTALL 1-5K GAL FUEL OIL TANK
FINAL 2/1/49
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.774445
Longitude: -87.76274

H55
West
1/8-1/4
0.198 mi.
1046 ft.

DAYTON AUTO REBUILDERS
5630 W 65TH ST
CHICAGO, IL 60638

RCRA-SQG 1000462356
FINDS ILD984805002
ECHO

Site 3 of 3 in cluster H

Relative:
Higher
Actual:
615 ft.

RCRA-SQG:

Date form received by agency: 10/15/1990
Facility name: DAYTON AUTO REBUILDERS
Facility address: 5630 W 65TH ST
CHICAGO, IL 60638
EPA ID: ILD984805002
Contact: DAVE AMATO
Contact address: 5630 W 65TH ST
CHICAGO, IL 60638
Contact country: US
Contact telephone: 312-767-6940
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: AMATO DAVE OWNER
Owner/operator address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAYTON AUTO REBUILDERS (Continued)

1000462356

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAYTON AUTO REBUILDERS (Continued)

1000462356

Violation Status: No violations found

FINDS:

Registry ID: 110005879843

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000462356
Registry ID: 110005879843
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005879843>

J56
SSE
1/8-1/4
0.200 mi.
1054 ft.

BARTON CHEMICAL CORP
5331 W 66TH ST
CHICAGO, IL 60638

UST U000790949
N/A

Site 6 of 7 in cluster J

Relative:
Higher
Actual:
615 ft.

UST:
Facility ID: 2003490
Facility Status: CLOSED
Facility Type: **NONE**
Owner Id: U0001192
Owner Name: Barton Chemical Corp
Owner Address: 5331 W 66Th St
Owner City,St,Zip: Chicago, IL 60638

Tank Number: 1
Tank Status: **Removed**
Tank Capacity: 1000
Tank Substance: Diesel Fuel
Last Used Date: Not reported
OSFM First Notify Date: 3/18/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARTON CHEMICAL CORP (Continued)

U000790949

Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 12/23/1987
Abandoned Date: Not reported

J57
SSE
1/8-1/4
0.200 mi.
1054 ft.

BARTON CHEMICAL DIV PRO PAC
5331 W 66TH ST
BEDFORD PARK, IL 60638

SEMS-ARCHIVE 1015733771
RCRA NonGen / NLR ILD980606438

Site 7 of 7 in cluster J

Relative:
Higher
Actual:
615 ft.

SEMS Archive:
Site ID: 500614
EPA ID: ILD980606438
Cong District: 3
FIPS Code: 17031
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 5
Site ID: 500614
EPA ID: ILD980606438
Site Name: ABEX CORP NATIONAL BEARING DIVISION CLEARING PLANT
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1993-08-19 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 5
Site ID: 500614
EPA ID: ILD980606438
Site Name: ABEX CORP NATIONAL BEARING DIVISION CLEARING PLANT
NPL: N
FF: N
OU: 0
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1986-12-31 00:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 5
Site ID: 500614
EPA ID: ILD980606438
Site Name: ABEX CORP NATIONAL BEARING DIVISION CLEARING PLANT
NPL: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARTON CHEMICAL DIV PRO PAC (Continued)

1015733771

FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1986-09-08 00:00:00
Qual: L
Current Action Lead: EPA Perf

Region: 5
Site ID: 500614
EPA ID: ILD980606438
Site Name: ABEX CORP NATIONAL BEARING DIVISION CLEARING PLANT
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-06-01 00:00:00
Finish Date: 1981-06-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

RCRA NonGen / NLR:

Date form received by agency: 04/01/2006
Facility name: BARTON CHEMICAL DIV PRO PAC
Facility address: 5331 W 66TH ST
BEDFORD PARK, IL 60638
EPA ID: ILD980606438
Contact: ENV COORDINATOR
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 708-458-4947
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BARTON CHEMICAL DIV PRO PAC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARTON CHEMICAL DIV PRO PAC (Continued)

1015733771

Owner/operator name: BARTON CHEMICAL DIV PRO PAC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Owner/operator name: PRO PAC INC
Owner/operator address: 5301 S CICERO AVE
CHICAGO, IL 60632
Owner/operator country: Not reported
Owner/operator telephone: 708-458-4947
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/24/1994
Site name: BARTON CHEMICAL DIV PRO PAC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARTON CHEMICAL DIV PRO PAC (Continued)

1015733771

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

L58
NNE
1/8-1/4
0.217 mi.
1148 ft.

ILLINOIS BELL TELEPHONE
63RD & LOREL ST.
CHICAGO, IL 60612

LUST **S103688144**
N/A

Site 2 of 12 in cluster L

Relative:
Higher

Actual:
618 ft.

LUST:
Incident Num: 901829
IL EPA Id: 316270013
Product: Jet Fuel
IEMA Date: 1990-07-03
Project Manager: Rife
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Illinois Bell Telephone
PRP Contact: Thomas Scheer
PRP Address: 900 North Villa
PRP City,St,Zip: Villa Park, IL 60181
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: 6/21/1994
20 Report Received: Not reported
45 Report Received: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: 6/21/1994

L59
NE
1/8-1/4
0.224 mi.
1183 ft.

AVIATION SERVICES
5320 W 63RD ST
CHICAGO, IL

TANKS **S121856837**
N/A

Site 3 of 12 in cluster L

Relative:
Higher

Actual:
619 ft.

CHICAGO TANKS:
Facility ID: 5320W631990-07-11
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIATION SERVICES (Continued)

S121856837

Substance: Not reported
Tank Capacity: Not reported
Install Date: 07/11/1990
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: DOWN UNDER ENVIRONMENTAL; REMOVE 1-15K GAL D.O. TNK, REPIPE 11-5K TANKS FINAL 11/20/91
HISTORIC DEPT. OF BUILDINGS
Data Source: 41.778159
Latitude: -87.755543
Longitude:

L60
NE
1/8-1/4
0.224 mi.
1183 ft.

AVIATION SERVICES
5320 W 63RD ST
CHICAGO, IL

TANKS S121856835
N/A

Site 4 of 12 in cluster L

Relative:
Higher
Actual:
619 ft.

CHICAGO TANKS:

Facility ID: 5320W631957-12-04
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 12/04/1957
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: H & H TANK INSTALLERS; INSTALL 1-15K GAL GSLN TANK FINAL 2/21/58
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778159
Longitude: -87.755543

L61
NE
1/8-1/4
0.224 mi.
1183 ft.

CITY /MIDWAY AIRPORT/MILLION AIR
5320 W 63RD ST
CHICAGO, IL

TANKS S121837912
N/A

Site 5 of 12 in cluster L

Relative:
Higher
Actual:
619 ft.

CHICAGO TANKS:

Facility ID: 2012540
Tank Type: UNDERGROUND STORAGE TANK
Owner: See Environmental Permit Dataset
Tank ID: 2
Tank Material: STEEL
Tank Construction: Not reported
Substance: JET A
Tank Capacity: 15000
Install Date: Not reported
Removal Date: Not reported
Last Used Date: 01/01/2003
Comments: 5320 W 63RD ST, REMOVED 10/2/03, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Gauging; Tank Spill Prevention: In Place; Tank Corrosion Protection: Impressed Current;

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY /MIDWAY AIRPORT/MILLION AIR (Continued)

S121837912

Tank Overfill Protection: Automatic Shut-off; Piping
Data Source: DEPT. OF PUBLIC HEALTH
Latitude: 41.778159
Longitude: -87.755543

Facility ID: 2012540
Tank Type: UNDERGROUND STORAGE TANK
Owner: See Environmental Permit Dataset
Tank ID: 1
Tank Material: STEEL
Tank Construction: Not reported
Substance: JET A
Tank Capacity: 15000
Install Date: Not reported
Removal Date: Not reported
Last Used Date: 01/01/2003
Comments: 5320 W 63RD ST, REMOVED 10/2/03, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Gauging; Tank Spill Prevention: In Place; Tank Corrosion Protection: Impressed Current; Tank Overfill Protection: Automatic Shut-off; Piping

Data Source: DEPT. OF PUBLIC HEALTH
Latitude: 41.778159
Longitude: -87.755543

Facility ID: 2012540
Tank Type: UNDERGROUND STORAGE TANK
Owner: See Environmental Permit Dataset
Tank ID: 4
Tank Material: Not reported
Tank Construction: Not reported
Substance: UNKNOWN
Tank Capacity: 15000
Install Date: Not reported
Removal Date: Not reported
Last Used Date: 01/01/2003
Comments: 5320 W 63RD ST, REMOVED 10/2/03, Historic data from former Dept. of Environment [Associated Permit Numbers: 107501 107501;]

Data Source: DEPT. OF PUBLIC HEALTH
Latitude: 41.778159
Longitude: -87.755543

Facility ID: 2012540
Tank Type: UNDERGROUND STORAGE TANK
Owner: See Environmental Permit Dataset
Tank ID: 5
Tank Material: Not reported
Tank Construction: Not reported
Substance: UNKNOWN
Tank Capacity: 15000
Install Date: Not reported
Removal Date: Not reported
Last Used Date: Not reported
Comments: Not reported
Data Source: DEPT. OF PUBLIC HEALTH
Latitude: 41.778159
Longitude: -87.755543

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY /MIDWAY AIRPORT/MILLION AIR (Continued)

S121837912

Facility ID: 2012540
Tank Type: UNDERGROUND STORAGE TANK
Owner: See Environmental Permit Dataset
Tank ID: 3
Tank Material: STEEL
Tank Construction: Not reported
Substance: JET A
Tank Capacity: 15000
Install Date: Not reported
Removal Date: Not reported
Last Used Date: 01/01/2003
Comments: 5320 W 63RD ST, REMOVED 10/2/03, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Gauging; Tank Spill Prevention: In Place; Tank Corrosion Protection: Impressed Current; Tank Overfill Protection: Automatic Shut-off; Piping
Data Source: DEPT. OF PUBLIC HEALTH
Latitude: 41.778159
Longitude: -87.755543

L62
NE
1/8-1/4
0.224 mi.
1183 ft.

AVIATION SERVICE GROUP
5320 W 63RD ST
CHICAGO, IL 60638

Site 6 of 12 in cluster L

LUST S111876831
SPILLS N/A
BOL
CHICAGO ENV

Relative:
Higher
Actual:
619 ft.

LUST:
Incident Num: 20170587
IL EPA Id: 316560009
Product: Fuel Oil
IEMA Date: 2017-07-06
Project Manager: Friedel
Project Manager Phone: (217) 785-5736
Email: Melinda.Friedel@illinois.gov
PRP Name: City of Chicago Dept of Aviation
PRP Contact: Aaron Frame
PRP Address: 10510 West Zemke Road
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: (773) 686-3563
Site Classification: Not reported
Section 57.5(g) Letter: 734
Date Section 57.5(g) Letter: 2017-08-09
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: 8/9/2017
Non-Lust LR Date: Not reported

SPILLS:
Incident ID: 19901639
Incident Date: Not reported
Date Received: 06/20/1990
Lust Ind: Yes
Facility Address: 5320 W 63RD ST
Facility City: CHICAGO
PRP Name: AVIATION SERVICES GROUP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIATION SERVICE GROUP (Continued)

S111876831

AC: Not reported
Source Table: dbo_OCIN_INCIDENTCUR

Incident ID: 20170587
Incident Date: Not reported
Date Received: Not reported
Lust Ind: Yes
Facility Address: 5320 W 63RD STREET
Facility City: CHICAGO
PRP Name: Chicago Department of Aviation
AC: Not reported
Source Table: dbo_tbl_CONSTRUCTION101

Incident ID: NL891742
Incident Date: Not reported
Date Received: 09/09/1989
Lust Ind: Not reported
Facility Address: 5320 W. 63RD STREET
Facility City: CHICAGO
PRP Name: AVIATION SERVICES GROUP
AC: Not reported
Source Table: dbo_OCIN_INDCIDENTHIS

IEMA SPILLS:

Incident Number: H-2017-0587
Incident Report Date: 07/06/2017
Street Address Of Incident Location: 5320 W. 63rd. St.
Incident Location City: Chicago
Incident Location County: Cook
Entered By: Neal, John (IEMA)
Date Entered: Not reported
Data Input Status: Closed
Leaking Underground Storage Tank (Lust)? : Yes
Caller: Sean Brady
Caller Represents: True North Consultants
Hazmat Incident Type: Leak or spill
Date/Time Occurred: Not reported
Mile Post: na
Section: na
Township: na
Range: na
Area Involved: Fixed Facility
Media/Medium Into Which Release Occurred: Ground
Temp: 90
Wind: 5 MPH / SOUTHERLY
Material Name: Heating oil
Type: Liquid
Chris Code: na
CAS#: na
UN/NA #: na
302(A) Extremely Hazardous Substance?: Unknown
Is This A RCRA Hazardous Waste?: No
Is This A RCRA Regulated Facility?: Unknown
Container Type: Under ground storage tank
Container Size: 1- 2,500 gals.
Amount Released: unk
Rate Of Release/Min: na

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIATION SERVICE GROUP (Continued)

S111876831

Duration Of Release: unk
Cause Of Release: corrosion
Estimated Spill Extent: unk
Spill Extent Units: Not reported
Date/Time Incident Occurred: Not reported
Check If Unknown (Occurrence): v
Date/Time Discovered: 2017-07-06 13:00
Check If Unknown (Discovered): Not reported
Where Taken: na
On Scene Contact: Sean Brady
Public Health Risks/Precautions Taken: no
Number Of People Evacuated: none
Assistance Needed From State Agencies: no
Containment/Cleanup Actions And Plans: RW Collins doing cleanup
Responsible Name: Chicago Dept. of Aviation
Facility Manager: na
Facility Manager Phone #: na
Street1: 6201 S Laramie
Contacted ESDA?: Not reported
ESDA On Scene?: Not reported
Specific ESDA Agency Contacted: Not reported
Contacted Fire Department?: Not reported
Fire Department On Scene?: Not reported
Name Of Fire Department Contacted: Not reported
Contacted Police Department?: Not reported
Police Department On Scene?: Not reported
Name Of Police Department Contacted: Not reported
Sheriff Police Department?: Not reported
Sheriff Department On Scene?: Not reported
Name Of Sheriff Department Contacted: Not reported
Was An Agency Other Than ESDA: Not reported
Fire Police Or Sheriff Contacted?: Email
Was This Other Agency On Scene?: Not reported
Name Of Other Agency Contacted: Chicago Dept. of Public Health
Agency Notified Name: IEPA, NRTTP, OSFM, IEMA Reg. 4
Date/Time Agency Notified: 2017-07-06 13:41
Narrative: Not reported
Follow Up: Not reported

BOL:

Site Id: 170000530174
Inv Num: 0316560009
Interest Name: Aviation Service Group
Interest Type: BOL
Media Code: LAND

CHICAGO ENV:

Map Location: 5320 W 63RD ST CHICAGO, IL (41.778159, -87.755543)
Complaints: Y
Neshaps and Demolition Notices: Not reported
Enforcement: Not reported
Inspections: Y
Permits: Y
Tanks: Y
Holds and Lust Nfr: Not reported
Latitude: 41.778159

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIATION SERVICE GROUP (Continued)

S111876831

Longitude: -87.755543

Map Location: 5320 W 63RD ST CHICAGO, IL (41.778159, -87.755543)
Complaints: Y
Neshaps and Demolition Notices: Not reported
Enforcement: Not reported
Inspections: Y
Permits: Y
Tanks: Y
Holds and Lust Nfr: Not reported
Latitude: 41.778159
Longitude: -87.755543

L63
NE
1/8-1/4
0.224 mi.
1183 ft.

AVIATION SERVICES
5320 W 63RD ST
CHICAGO, IL

TANKS S121856834
N/A

Site 7 of 12 in cluster L

Relative:
Higher

Actual:
619 ft.

CHICAGO TANKS:
Facility ID: 5320W631957-11-15
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 11/15/1957
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: H & H TANK INSTALLERS; INSTALL 2-15K GAL GSLN TANK FINAL 2/21/58
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778159
Longitude: -87.755543

L64
NE
1/8-1/4
0.224 mi.
1183 ft.

AVIATION SERVICES
5320 W 63RD ST
CHICAGO, IL

TANKS S121856832
N/A

Site 8 of 12 in cluster L

Relative:
Higher

Actual:
619 ft.

CHICAGO TANKS:
Facility ID: 5320W631951-08-07
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 08/07/1951
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: THE TEXAS COMPANY; INSTALL 1-3K GAL GSLN TANK FINAL 4/15/52

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIATION SERVICES (Continued)

S121856832

Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778159
Longitude: -87.755543

L65
NE
1/8-1/4
0.224 mi.
1183 ft.

AVIATION SERVICES
5320 W 63RD ST
CHICAGO, IL
Site 9 of 12 in cluster L

TANKS S121856833
N/A

Relative:
Higher

Actual:
619 ft.

CHICAGO TANKS:

Facility ID: 5320W631957-08-30
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 08/30/1957
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: NATIONAL ALRO SERVICE; INSTALL 2-15K GAL GSLN TKS FINAL 2/20/58
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778159
Longitude: -87.755543

L66
NE
1/8-1/4
0.224 mi.
1183 ft.

AVIATION SERVICES
5320 W 63RD ST
CHICAGO, IL
Site 10 of 12 in cluster L

TANKS S121856836
N/A

Relative:
Higher

Actual:
619 ft.

CHICAGO TANKS:

Facility ID: 5320W631982-02-26
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 02/26/1982
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: KEZ CONSTRUCTION; ACTIVATE 1-15K 100 OCT. AV GSLN & 1-15K JET -A FINAL 5/3/83
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778159
Longitude: -87.755543

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N67
SW
1/8-1/4
0.227 mi.
1198 ft.

IKO CHICAGO INC
6600 S CENTRAL AVE
CHICAGO, IL 60638

RCRA-CESQG **1000607892**
LUST **ILD009249442**

Site 1 of 2 in cluster N

Relative:
Higher

RCRA-CESQG:

Actual:
615 ft.

Date form received by agency: 01/21/2009
Facility name: IKO CHICAGO INC
Facility address: 6600 S CENTRAL AVE
CHICAGO, IL 60638
EPA ID: ILD009249442
Mailing address: 3960 CLIFTON AVE
CINCINNATI, OH 45226
Contact: JOE EWING
Contact address: 6600 S CENTRAL AVE
CHICAGO, IL 60638
Contact country: US
Contact telephone: 513-615-9260
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: IKO CHICAGO INC
Owner/operator address: 3960 CLIFTON AVE
CINCINNATI, OH 45226
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: IKO CHICAGO INC
Owner/operator address: 3960 CLIFTON AVE
CINCINNATI, OH 45226
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

1000607892

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D009
. Waste name: MERCURY

Historical Generators:

Date form received by agency: 01/08/2009
Site name: IKO CHICAGO INC
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

1000607892

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 04/05/1991
Site name: IKO MFG INC CHICAGO
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 08/18/1992
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

LUST:

Incident Num: 903822
IL EPA Id: 310125096
Product: Fuel Oil
IEMA Date: 1990-12-28
Project Manager: Brockamp
Project Manager Phone: Not reported
Email: Not reported
PRP Name: IKO Chicago Inc.
PRP Contact: Reynold Hagel
PRP Address: 6600 South Central Ave.
PRP City,St,Zip: Bedford Park, IL 60638
PRP Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

1000607892

Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1991-11-26
45 Report Received: 1992-08-14
NFA/NFR Letter: 1992-08-28
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Incident Num: 933019
IL EPA Id: 310125096
Product: Diesel
IEMA Date: 1993-11-19
Project Manager: Kuhlman
Project Manager Phone: (217) 785-5715
Email: Eric.Kuhlman@illinois.gov
PRP Name: IKO Chicago Inc.
PRP Contact: Reynold Hagel
PRP Address: 6600 South Central Ave.
PRP City,St,Zip: Bedford Park, IL 60638
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1993-12-08
45 Report Received: 1994-01-03
NFA/NFR Letter: 2006-04-05
NFR Date Recorded: 2006-05-04
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Incident Num: 941466
IL EPA Id: 310125096
Product: Diesel
IEMA Date: 1994-07-01
Project Manager: Kuhlman
Project Manager Phone: (217) 785-5715
Email: Eric.Kuhlman@illinois.gov
PRP Name: IKO Chicago Inc.
PRP Contact: Reynold Hagel
PRP Address: 6600 South Central Ave.
PRP City,St,Zip: Bedford Park, IL 60638
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1994-07-26
45 Report Received: 2005-09-20
NFA/NFR Letter: 2006-04-05
NFR Date Recorded: 2006-05-04
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N68
SW
1/8-1/4
0.227 mi.
1198 ft.
IKO CHICAGO INC
6600 S CENTRAL AVE
BEDFORD PARK, IL 60638
Site 2 of 2 in cluster N

UST
AIRS
BOL
TIER 2
U001142583
N/A

Relative:
Higher

Actual:
615 ft.

UST:

Facility ID: 2026286
Facility Status: CLOSED
Facility Type: INDUSTRIAL / MANUFACTURING
Owner Id: U0007210
Owner Name: Iko Chicago Inc
Owner Address: 120 Hay Rd
Owner City,St,Zip: Wilmington, DE 19809

Tank Number: 1
Tank Status: Removed
Tank Capacity: 20000
Tank Substance: Heating Oil
Last Used Date: 1/1/1981
OSFM First Notify Date: 10/1/1990
Red Tag Issue Date: Not reported
Install Date: 1/1/1981
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: 90-3822,94-1466
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 3/8/1991
Abandoned Date: Not reported

Tank Number: 2
Tank Status: Removed
Tank Capacity: 250
Tank Substance: Diesel Fuel
Last Used Date: Not reported
OSFM First Notify Date: 11/23/1993
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

U001142583

Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 11/19/1993
Abandoned Date: Not reported

Tank Number: 3
Tank Status: **Removed**
Tank Capacity: 250
Tank Substance: Diesel Fuel
Last Used Date: 12/31/1969
OSFM First Notify Date: 6/1/1994
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 6/30/1994
Abandoned Date: Not reported

Tank Number: 4
Tank Status: **Removed**
Tank Capacity: 15000
Tank Substance: Diesel Fuel
Last Used Date: 1/1/1978
OSFM First Notify Date: 6/1/1994
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 7/1/1994
Abandoned Date: Not reported

Tank Number: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

U001142583

Tank Status:	Removed
Tank Capacity:	12000
Tank Substance:	Diesel Fuel
Last Used Date:	1/1/1978
OSFM First Notify Date:	7/6/1994
Red Tag Issue Date:	Not reported
Install Date:	Not reported
Green Tag Decal:	Not reported
Green Tag Issue Date:	Not reported
Green Tag Expire Date:	Not reported
Fee Due:	Not reported
Motor Fuel Permit Inspection Date:	Not reported
Motor Fuel Permit Expiration Date:	Not reported
MOTOR FUEL TYPE:	Not reported
Pending Nov:	N
IEMA:	Not reported
Equipment Type:	Not reported
Equipment:	Not reported
Last Passing Date:	Not reported
Test Expire Date:	Not reported
Removed Date:	7/1/1994
Abandoned Date:	Not reported

AIRS:

2nd Address:	Not reported
Facility ID:	875
Year:	2006
Contact Name:	David Foulkes
Contact Title:	Not reported
Contact Telephone:	708-243-6627
Contact Fax:	937-746-5283
Contact Ext:	Not reported
Contact Email:	ryan.zhuo@iko.com
ID Number:	031012AEL
Cease Operation Date:	Not reported
SIC Code:	2952
NAICS:	Not reported
Type Code:	LOC
Permit:	Not reported
Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Expiration Date:	Not reported
Latitude:	41.772500
Longitude:	-87.762800

Detail:

ID Number:	031012AEL
Tons Per Year:	1.7000000000000001E-2
Year:	2008
Pollutant Code:	PART
ID Number:	031012AEL
Tons Per Year:	276
Year:	2008
Pollutant Code:	CO2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

U001142583

ID Number: 031012AEL
Tons Per Year: 0
Year: 2008
Pollutant Code: HCL

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM2_5

ID Number: 031012AEL
Tons Per Year: 0.193
Year: 2008
Pollutant Code: CO

ID Number: 031012AEL
Tons Per Year: 1.2999999999999999E-2
Year: 2008
Pollutant Code: VOM

ID Number: 031012AEL
Tons Per Year: 0.0053
Year: 2008
Pollutant Code: METHANE

ID Number: 031012AEL
Tons Per Year: 5.1000000000000004E-3
Year: 2008
Pollutant Code: N2O

ID Number: 031012AEL
Tons Per Year: 0.0014
Year: 2008
Pollutant Code: SO2

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM10

ID Number: 031012AEL
Tons Per Year: 0.23000000000000001
Year: 2008
Pollutant Code: NOX

ID Number: 031012AEL
Tons Per Year: 7.4000000000000003E-3
Year: 2008
Pollutant Code: NH3

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM10

ID Number: 031012AEL
Tons Per Year: 5.1000000000000004E-3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

U001142583

Year: 2008
Pollutant Code: N2O

ID Number: 031012AEL
Tons Per Year: 0.193
Year: 2008
Pollutant Code: CO

ID Number: 031012AEL
Tons Per Year: 1.2999999999999999E-2
Year: 2008
Pollutant Code: VOM

ID Number: 031012AEL
Tons Per Year: 0.0014
Year: 2008
Pollutant Code: SO2

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PART

ID Number: 031012AEL
Tons Per Year: 0.0053
Year: 2008
Pollutant Code: METHANE

ID Number: 031012AEL
Tons Per Year: 0
Year: 2008
Pollutant Code: HCL

ID Number: 031012AEL
Tons Per Year: 276
Year: 2008
Pollutant Code: CO2

ID Number: 031012AEL
Tons Per Year: 7.4000000000000003E-3
Year: 2008
Pollutant Code: NH3

ID Number: 031012AEL
Tons Per Year: 0.23000000000000001
Year: 2008
Pollutant Code: NOX

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM2_5

2nd Address: Not reported
Facility ID: Not reported
Year: 2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

U001142583

Contact Name: Not reported
Contact Title: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Ext: Not reported
Contact Email: Not reported
ID Number: 031012AEL
Cease Operation Date: Not reported
SIC Code: 2952
NAICS: Not reported
Type Code: Not reported
Permit: Not reported
Type: Not reported
Status: Not reported
Status Date: Not reported
Expiration Date: Not reported
Latitude: Not reported
Longitude: Not reported

Detail:

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PART

ID Number: 031012AEL
Tons Per Year: 276
Year: 2008
Pollutant Code: CO2

ID Number: 031012AEL
Tons Per Year: 0
Year: 2008
Pollutant Code: HCL

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM2_5

ID Number: 031012AEL
Tons Per Year: 0.193
Year: 2008
Pollutant Code: CO

ID Number: 031012AEL
Tons Per Year: 1.2999999999999999E-2
Year: 2008
Pollutant Code: VOM

ID Number: 031012AEL
Tons Per Year: 0.0053
Year: 2008
Pollutant Code: METHANE

ID Number: 031012AEL
Tons Per Year: 5.1000000000000004E-3
Year: 2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

U001142583

Pollutant Code: N2O

ID Number: 031012AEL
Tons Per Year: 0.0014
Year: 2008
Pollutant Code: SO2

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM10

ID Number: 031012AEL
Tons Per Year: 0.23000000000000001
Year: 2008
Pollutant Code: NOX

ID Number: 031012AEL
Tons Per Year: 7.4000000000000003E-3
Year: 2008
Pollutant Code: NH3

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM10

ID Number: 031012AEL
Tons Per Year: 5.1000000000000004E-3
Year: 2008
Pollutant Code: N2O

ID Number: 031012AEL
Tons Per Year: 0.193
Year: 2008
Pollutant Code: CO

ID Number: 031012AEL
Tons Per Year: 1.2999999999999999E-2
Year: 2008
Pollutant Code: VOM

ID Number: 031012AEL
Tons Per Year: 0.0014
Year: 2008
Pollutant Code: SO2

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PART

ID Number: 031012AEL
Tons Per Year: 0.0053
Year: 2008
Pollutant Code: METHANE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

U001142583

ID Number: 031012AEL
Tons Per Year: 0
Year: 2008
Pollutant Code: HCL

ID Number: 031012AEL
Tons Per Year: 276
Year: 2008
Pollutant Code: CO2

ID Number: 031012AEL
Tons Per Year: 7.4000000000000003E-3
Year: 2008
Pollutant Code: NH3

ID Number: 031012AEL
Tons Per Year: 0.23000000000000001
Year: 2008
Pollutant Code: NOX

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM2_5

2nd Address: Not reported
Facility ID: 875
Year: 2007
Contact Name: David Foulkes
Contact Title: Not reported
Contact Telephone: 937-746-4561
Contact Fax: Not reported
Contact Ext: Not reported
Contact Email: Not reported
ID Number: 031012AEL
Cease Operation Date: Not reported
SIC Code: 2952
NAICS: Not reported
Type Code: Not reported
Permit: Not reported
Type: Not reported
Status: Not reported
Status Date: Not reported
Expiration Date: Not reported
Latitude: Not reported
Longitude: Not reported

Detail:
ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PART

ID Number: 031012AEL
Tons Per Year: 276
Year: 2008
Pollutant Code: CO2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

U001142583

ID Number: 031012AEL
Tons Per Year: 0
Year: 2008
Pollutant Code: HCL

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM2_5

ID Number: 031012AEL
Tons Per Year: 0.193
Year: 2008
Pollutant Code: CO

ID Number: 031012AEL
Tons Per Year: 1.2999999999999999E-2
Year: 2008
Pollutant Code: VOM

ID Number: 031012AEL
Tons Per Year: 0.0053
Year: 2008
Pollutant Code: METHANE

ID Number: 031012AEL
Tons Per Year: 5.1000000000000004E-3
Year: 2008
Pollutant Code: N2O

ID Number: 031012AEL
Tons Per Year: 0.0014
Year: 2008
Pollutant Code: SO2

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM10

ID Number: 031012AEL
Tons Per Year: 0.23000000000000001
Year: 2008
Pollutant Code: NOX

ID Number: 031012AEL
Tons Per Year: 7.4000000000000003E-3
Year: 2008
Pollutant Code: NH3

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM10

ID Number: 031012AEL
Tons Per Year: 5.1000000000000004E-3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

U001142583

Year: 2008
Pollutant Code: N2O

ID Number: 031012AEL
Tons Per Year: 0.193
Year: 2008
Pollutant Code: CO

ID Number: 031012AEL
Tons Per Year: 1.2999999999999999E-2
Year: 2008
Pollutant Code: VOM

ID Number: 031012AEL
Tons Per Year: 0.0014
Year: 2008
Pollutant Code: SO2

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PART

ID Number: 031012AEL
Tons Per Year: 0.0053
Year: 2008
Pollutant Code: METHANE

ID Number: 031012AEL
Tons Per Year: 0
Year: 2008
Pollutant Code: HCL

ID Number: 031012AEL
Tons Per Year: 276
Year: 2008
Pollutant Code: CO2

ID Number: 031012AEL
Tons Per Year: 7.4000000000000003E-3
Year: 2008
Pollutant Code: NH3

ID Number: 031012AEL
Tons Per Year: 0.23000000000000001
Year: 2008
Pollutant Code: NOX

ID Number: 031012AEL
Tons Per Year: 1.7000000000000001E-2
Year: 2008
Pollutant Code: PM2_5

BOL:

Site Id: 170000013312
Inv Num: 0310125096

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IKO CHICAGO INC (Continued)

U001142583

Interest Name: IKO Chicago Inc
Interest Type: BOL
Media Code: LAND

TIER 2:

Year: 2014
Corporate Name: IKO Chicago
Latitude: 41.7727
Longitude: -87.7614
Fire Dept: Not reported
LEPC: Cook Suburban
Owner: IKO Chicago
Owner Phone: 5132000914
Owner Street: 3960 Clifton Ave
Owner City/State/ZipCode: Cincinnati, OH 45220
Mailing Name: IKO
Mailing Street: 3960 Clifton Ave.
Mailing City/State/ZipCode: Cincinnati, OH 45220
Chemical Name: PETROLEUM ASPHALT RAW TO OXIDIZED FORMS
CAS Number: 8052424
Chemical EHS: No
Chemical Contents: Pure
Chemical Health Hazards: Liquid
Chemical Max Daily Amount(pounds): Not reported
Chemical Avg Daily Amount(pounds): Fire
Max Daily Range: Not reported

Year: 2014
Corporate Name: IKO Chicago
Latitude: 41.7727
Longitude: -87.7614
Fire Dept: Not reported
LEPC: Cook Suburban
Owner: IKO Chicago
Owner Phone: 5132000914
Owner Street: 3960 Clifton Ave
Owner City/State/ZipCode: Cincinnati, OH 45220
Mailing Name: IKO
Mailing Street: 3960 Clifton Ave.
Mailing City/State/ZipCode: Cincinnati, OH 45220
Chemical Name: FERROUS CHLORIDE
CAS Number: 7705080
Chemical EHS: No
Chemical Contents: Pure
Chemical Health Hazards: Liquid
Chemical Max Daily Amount(pounds): Not reported
Chemical Avg Daily Amount(pounds): Immediate
Max Daily Range: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O69
NE
1/8-1/4
0.228 mi.
1203 ft.
SNYDER AIRCRAFT BUILDING
5314 W 63RD ST
CHICAGO, IL
Site 1 of 2 in cluster O

TANKS **S121856804**
N/A

Relative:
Higher

CHICAGO TANKS:

Actual:
619 ft.

Facility ID: 5314W631946-12-02
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 12/02/1946
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: KENNEY TANK; INSTALL 1-1K GAL FUEL OIL TANK FINAL 2/15/49
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778161
Longitude: -87.755412

O70
NE
1/8-1/4
0.228 mi.
1203 ft.
SNYDER AIRCRAFT BUILDING
5314 W 63RD ST
CHICAGO, IL
Site 2 of 2 in cluster O

TANKS **S121856805**
N/A

Relative:
Higher

CHICAGO TANKS:

Actual:
619 ft.

Facility ID: 5314W631953-06-15
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 06/15/1953
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: STOTZNER BUILDING; INSTALL 1-1K GAL FUEL OIL UST FINAL 4/12/54
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778161
Longitude: -87.755412

L71
NNE
1/8-1/4
0.229 mi.
1210 ft.
AVIATION SERVICE GROUP
5320 WEST 63RD ST.
CHICAGO, IL 60638
Site 11 of 12 in cluster L

LUST **S104524655**
N/A

Relative:
Higher

LUST:

Actual:
619 ft.

Incident Num: 901639
IL EPA Id: 316560009
Product: Jet Fuel
IEMA Date: 1990-06-20

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIATION SERVICE GROUP (Continued)

S104524655

Project Manager: Friedel
Project Manager Phone: (217) 785-5736
Email: Melinda.Friedel@illinois.gov
PRP Name: City of Chicago, Department of Aviation
PRP Contact: Kenneth Lee
PRP Address: P.O. Box 66142
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: Not reported
Site Classification: HIGH
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: 2004-04-14
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Incident Num: 922212
IL EPA Id: 316560009
Product: Jet Fuel
IEMA Date: 1992-08-12
Project Manager: Friedel
Project Manager Phone: (217) 785-5736
Email: Melinda.Friedel@illinois.gov
PRP Name: City of Chicago, Department of Aviation
PRP Contact: Kenneth Lee
PRP Address: P.O. Box 66142
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: Not reported
Site Classification: HIGH
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: 2004-04-14
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

L72
NNE
1/8-1/4
0.229 mi.
1210 ft.

MILLION AIR MIDWAY
5320 W 63RD ST
CHICAGO, IL 60638

Site 12 of 12 in cluster L

UST U000791052
N/A

Relative:
Higher

Actual:
619 ft.

UST:
Facility ID: 2012540
Facility Status: CLOSED
Facility Type: AIRPORT
Owner Id: U0032400
Owner Name: Chicago Department of Aviation
Owner Address: 10510 W. Zemke Road
Owner City,St,Zip: Chicago, IL 60666

Tank Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLION AIR MIDWAY (Continued)

U000791052

Tank Status:
Tank Capacity:
Tank Substance:
Last Used Date:
OSFM First Notify Date:
Red Tag Issue Date:
Install Date:
Green Tag Decal:
Green Tag Issue Date:
Green Tag Expire Date:
Fee Due:
Motor Fuel Permit Inspection Date:
Motor Fuel Permit Expiration Date:
MOTOR FUEL TYPE:
Pending Nov:
IEMA:
Equipment Type:
Equipment:
Last Passing Date:
Test Expire Date:
Removed Date:
Abandoned Date:

Removed
15000
Jet A
Not reported
4/15/1986
Not reported
1/1/1957
A001079
12/28/1999
12/31/2002
\$0.00
Not reported
Not reported
Not reported
N
17-0587
Not reported
Not reported
Not reported
Not reported
10/1/2003
Not reported

Tank Number:
Tank Status:
Tank Capacity:
Tank Substance:
Last Used Date:
OSFM First Notify Date:
Red Tag Issue Date:
Install Date:
Green Tag Decal:
Green Tag Issue Date:
Green Tag Expire Date:
Fee Due:
Motor Fuel Permit Inspection Date:
Motor Fuel Permit Expiration Date:
MOTOR FUEL TYPE:
Pending Nov:
IEMA:
Equipment Type:
Equipment:
Last Passing Date:
Test Expire Date:
Removed Date:
Abandoned Date:

2
Removed
15000
Jet A
Not reported
4/15/1986
Not reported
1/1/1957
A001079
12/28/1999
12/31/2002
\$0.00
Not reported
Not reported
Not reported
N
Not reported
Not reported
Not reported
Not reported
Not reported
10/1/2003
Not reported

Tank Number:
Tank Status:
Tank Capacity:
Tank Substance:
Last Used Date:
OSFM First Notify Date:
Red Tag Issue Date:
Install Date:

3
Removed
15000
Gasoline
Not reported
4/15/1986
Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLION AIR MIDWAY (Continued)

U000791052

Green Tag Decal: A001079
Green Tag Issue Date: 12/28/1999
Green Tag Expire Date: 12/31/2002
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 7/10/1990
Abandoned Date: Not reported

Tank Number: 4
Tank Status: Removed
Tank Capacity: 15000
Tank Substance: Jet A
Last Used Date: Not reported
OSFM First Notify Date: 4/15/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1957
Green Tag Decal: A001079
Green Tag Issue Date: 12/28/1999
Green Tag Expire Date: 12/31/2002
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 10/1/2003
Abandoned Date: Not reported

Tank Number: 5
Tank Status: Removed
Tank Capacity: 15000
Tank Substance: Jet A
Last Used Date: Not reported
OSFM First Notify Date: 4/15/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1957
Green Tag Decal: A001079
Green Tag Issue Date: 12/28/1999
Green Tag Expire Date: 12/31/2002
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLION AIR MIDWAY (Continued)

U000791052

Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 10/1/2003
Abandoned Date: Not reported

Tank Number: 6
Tank Status: **Removed**
Tank Capacity: 2500
Tank Substance: Heating Oil
Last Used Date: 12/31/1973
OSFM First Notify Date: Not reported
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: **A001079**
Green Tag Issue Date: **12/28/1999**
Green Tag Expire Date: **12/31/2002**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 7/6/2017
Abandoned Date: Not reported

73
NW
1/8-1/4
0.242 mi.
1280 ft.

HELEN M MEYERS
5611 W 63RD ST
CHICAGO, IL

TANKS S121857877
N/A

Relative:
Higher
Actual:
615 ft.

CHICAGO TANKS:

Facility ID: 5611W631951-12-12
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not reported
Tank ID: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Substance: Not reported
Tank Capacity: Not reported
Install Date: 12/12/1951
Removal Date: Not reported
Last Used Date: Not reported
Comments: WORK BY: WESTWATER CONSTRUCTION; INSTALL 1-550 GAL FUEL OIL TNK FINAL 10/16/52
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778073
Longitude: -87.762099

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

74
SW
1/4-1/2
0.266 mi.
1402 ft.

BELT RAILWAY COMPANY FUEL STORAGE TANK
6751 SOUTH CENTRAL AVENUE
BEDFORD PARK, IL 60638

ENG CONTROLS
INST CONTROL
SRP

S106967123
N/A

Relative:
Higher

Actual:
615 ft.

ENGINEERING CONTROLS:

Illinois Epa Id: 310125225
NFR Letter: 05/14/2014
Date NFR Recorded: 05/22/2014
Comprehensive / Focused: Focused
Remediation Applicant Name: Royal Gelder
RA Company: Belt Railway Company of Chicago
RA Address: 6900 South Central Avenue
RA City,St,Zip: Bedford Park IL 60638
Worker Caution: Yes
Acres: 6.19
Land Use: Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: Yes
Industrial - Commercial: Yes
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: Yes

IL INSTUTIONAL CONTROL:

Illinois EPA Id: 310125225
NFR Letter: 05/14/2014
Date NFR Recorded: 05/22/2014
Comprehensive / Focused: Focused
Remediation Applicant Name: Royal Gelder
RA Company: Belt Railway Company of Chicago
RA Address: 6900 South Central Avenue
RA City,St,Zip: Bedford Park IL 60638
Worker Caution: Yes
Acres: 6.19
Land Use: Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: Yes
Industrial - Commercial: Yes
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: Yes

SRP:

IL EPA Id: 310125225

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BELT RAILWAY COMPANY FUEL STORAGE TANK (Continued)

S106967123

US EPA Id: Not reported
Longitude: -87.760766
Latitude: 41.769916
Contact Name: Royal Gelder
Contact Address: 6900 South Central Avenue
Contact City,St,Zip: Bedford Park 60638
Date Enrolled: 07/18/2005
Point Of Contact: Christopher Cailles P.E.
Consultant Company: DAI Environmental Inc.
Consultant Address: 27834 North Irma Lee Circle
Consultant City,St,Zip: Lake Forest 60045-5130
Proj Mgr Assigned: Barb Landers
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: Belt Railway Company of Chicago

NFRDL:

Effective: True
Land Use: Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: Yes
Industrial - Commercial: Yes
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: Yes
Remediation Applicant Name: Royal Gelder
Remediation Applicant Company: Belt Railway Company of Chicago
Remediation Applicant Address: 6900 South Central Avenue
Remediation Applicant City,St,Zip: Bedford Park IL 60638
Illinois EPA: 310125225
Site Name: Belt Railway Company Fuel Storage Tank
NFR Letter: 2014-05-14
NFR Letter Date Recorded: 2014-05-22
Comprehensive/Focused: Focused
Worker Caution: Y
Acres: 6.19

P75
WSW
1/4-1/2
0.280 mi.
1478 ft.

FRANK PAXTON LUMBER CO.
5701 WEST 66TH ST.
BEDFORD PARK, IL 60638

Site 1 of 2 in cluster P

LUST S104521973
N/A

Relative:
Higher

Actual:
615 ft.

LUST:

Incident Num: 961318
IL EPA Id: 310125174
Product: Gasoline, Diesel
IEMA Date: 1996-07-23
Project Manager: Nickell
Project Manager Phone: Not reported
Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANK PAXTON LUMBER CO. (Continued)

S104521973

PRP Name: Frank Paxton Lumber Co.
PRP Contact: Bill Manders
PRP Address: 5701 West 66th St.
PRP City,St,Zip: Chicago, IL 60638
PRP Phone: Not reported
Site Classification: NFA
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1996-09-09
45 Report Received: 1997-08-05
NFA/NFR Letter: 1999-07-22
NFR Date Recorded: 1999-10-06
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Q76
NE
1/4-1/2
0.287 mi.
1515 ft.

CHICAGO, CITY OF DEPT. OF AVIATION
5240 WEST 63RD ST.
CHICAGO, IL 60638
Site 1 of 3 in cluster Q

LUST S104528742
N/A

Relative:
Higher
Actual:
620 ft.

LUST:
Incident Num: 981230
IL EPA Id: 316560011
Product: Gasoline
IEMA Date: 1998-05-23
Project Manager: Gebhardt
Project Manager Phone: Not reported
Email: Not reported
PRP Name: City of Chicago, Dept. of Environment
PRP Contact: Jim Glowa
PRP Address: O'Hare Int'l AP, Term. 2, E-F Concourse, P.O. Box 66142
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: 7736863711
Site Classification: NFA
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1998-06-19
45 Report Received: 1998-07-14
NFA/NFR Letter: 1999-06-17
NFR Date Recorded: 1999-07-02
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

P77
West
1/4-1/2
0.289 mi.
1528 ft.

PAXTON FRANK LUMBER CO
5719 W 65TH ST
CHICAGO, IL 60638
Site 2 of 2 in cluster P

RCRA-SQG 1000824533
LUST ILD984909093
FINDS
ECHO

Relative:
Higher
Actual:
615 ft.

RCRA-SQG:
Date form received by agency: 12/17/1992
Facility name: PAXTON FRANK LUMBER CO
Facility address: 5719 W 65TH ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAXTON FRANK LUMBER CO (Continued)

1000824533

EPA ID: CHICAGO, IL 60638
ILD984909093
Mailing address: 5701 W 66TH ST
CHICAGO, IL 60638
Contact: BILL MANDERS
Contact address: 5701 W 66TH ST
CHICAGO, IL 60638
Contact country: US
Contact telephone: 312-767-1207
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: PAXTON FRANK CO
Owner/operator address: 6311 SAINT JOHN AVE
KANSAS CITY, MO 64123
Owner/operator country: Not reported
Owner/operator telephone: 816-483-3007
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAXTON FRANK LUMBER CO (Continued)

1000824533

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

LUST:

Incident Num: 930040
IL EPA Id: 310125132
Product: Fuel Oil
IEMA Date: 1993-01-05
Project Manager: Lowder
Project Manager Phone: (217) 785-5734
Email: Mike.Lowder@illinois.gov
PRP Name: Paxton Patterson
PRP Contact: Robert Serrell
PRP Address: 5719 West 65th St.
PRP City,St,Zip: Bedford Park, IL 60638
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1993-02-26
45 Report Received: 1993-02-24
NFA/NFR Letter: 1993-03-24
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

FINDS:

Registry ID: 110005919569

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000824533
Registry ID: 110005919569
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005919569>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q78
NE
1/4-1/2
0.291 mi.
1537 ft.

ATLANTIC AVIATION CORP.
5236 WEST 63RD STREET
CHICAGO, IL 60621

LUST **S106527027**
N/A

Site 2 of 3 in cluster Q

Relative:
Higher

Actual:
620 ft.

LUST:

Incident Num: 20021661
IL EPA Id: 316645023
Product: Gasoline, Jet Fuel
IEMA Date: 2002-11-14
Project Manager: Harlow
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Atlantic Aviation Corp.
PRP Contact: Doug Shaw
PRP Address: 233 Industrial Ave.
PRP City,St,Zip: Tetenboro, NJ 07608
PRP Phone: 2012887597
Site Classification: Not reported
Section 57.5(g) Letter: Not reported
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 2002-11-22
45 Report Received: 2002-12-26
NFA/NFR Letter: 2006-09-21
NFR Date Recorded: 2006-10-16
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Incident Num: 20041097
IL EPA Id: 316560011
Product: Jet Fuel
IEMA Date: 2004-08-06
Project Manager: Rothering
Project Manager Phone: (217) 785-1858
Email: Scott.Rothering@illinois.gov
PRP Name: City of Chicago, Department of Aviation
PRP Contact: Ken Lee
PRP Address: O'Hare Airport Terminal 2EF Concourse
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: 7738380189
Site Classification: Not reported
Section 57.5(g) Letter: Not reported
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 2004-09-07
45 Report Received: 2004-12-17
NFA/NFR Letter: 2005-03-14
NFR Date Recorded: 2005-04-15
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Incident Num: 20041333
IL EPA Id: 316560011
Product: Other Petroleum
IEMA Date: 2004-09-23
Project Manager: Zuehlke
Project Manager Phone: (217) 557-6937

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC AVIATION CORP. (Continued)

S106527027

Email: Wayne.Zuehlke@illinois.gov
PRP Name: City of Chicago, Department of Aviation
PRP Contact: Ken Lee
PRP Address: O'hare Airport Terminal #2, E-Concourse
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: 7736863711
Site Classification: Not reported
Section 57.5(g) Letter: Not reported
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 2004-10-22
45 Report Received: 2005-04-11
NFA/NFR Letter: 2008-04-01
NFR Date Recorded: 2008-04-21
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

79
East
1/4-1/2
0.295 mi.
1559 ft.

CORRUGATED SUPPLIES, INC.
5101 WEST 65TH STREET
BEDFORD PARK, IL 60501

LUST **S106402075**
SPILLS **N/A**

Relative:
Higher
Actual:
620 ft.

LUST:
Incident Num: 20040603
IL EPA Id: 310125213
Product: Fuel Oil
IEMA Date: 2004-04-28
Project Manager: Zuehlke
Project Manager Phone: (217) 557-6937
Email: Wayne.Zuehlke@illinois.gov
PRP Name: Corrugated Supplies, Inc.
PRP Contact: Mike Rubinstein
PRP Address: 5101 West 65th Street
PRP City,St,Zip: Bedford Park, IL 60501
PRP Phone: 7086253255
Site Classification: Not reported
Section 57.5(g) Letter: Not reported
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 2004-09-07
45 Report Received: 2004-09-07
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

SPILLS:
Incident ID: 20040603
Incident Date: Not reported
Date Received: 04/28/2004
Lust Ind: Yes
Facility Address: 5101 WEST 65TH STREET
Facility City: BEDFORD PARK
PRP Name: CORRUGATED SUPPLIES INCORPORATED
AC: Not reported
Source Table: dbo_OCIN_INCIDENTCUR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

80
WNW
1/4-1/2
0.300 mi.
1582 ft.

JOHN SERVICE CENTER
6301 SOUTH MAJOR AVENUE
CHICAGO, IL 60638

LUST S104529552
N/A

Relative:
Higher

Actual:
615 ft.

LUST:
Incident Num: 990691
IL EPA Id: 316565128
Product: Gasoline, Fuel Oil, Used Oil
IEMA Date: 1999-03-23
Project Manager: Eppley
Project Manager Phone: Not reported
Email: Not reported
PRP Name: John's Service Center
PRP Contact: John Higureas
PRP Address: 6301 South Major Avenue
PRP City,St,Zip: Chicago, IL 60638
PRP Phone: 7737357242
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: 2000-04-24
Non LUST Determination Letter: Not reported
20 Report Received: 1999-04-09
45 Report Received: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: 4/24/2000
Non-Lust LR Date: Not reported

Q81
NE
1/4-1/2
0.316 mi.
1666 ft.

CHICAGO DEPARTMENT OF AVIATION
5214 WEST 63RD STREET
CHICAGO, IL 60621

LUST S105743910
N/A

Site 3 of 3 in cluster Q

Relative:
Higher

Actual:
620 ft.

LUST:
Incident Num: 20021682
IL EPA Id: 316685099
Product: Jet Fuel
IEMA Date: 2002-11-19
Project Manager: Barrett
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Chicago Department of Aviation
PRP Contact: James Glowa
PRP Address: 5700 South Cicero
PRP City,St,Zip: Chicago, IL 60638
PRP Phone: 7736863711
Site Classification: Not reported
Section 57.5(g) Letter: Not reported
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 2002-12-06
45 Report Received: 2003-01-21
NFA/NFR Letter: 2003-02-19
NFR Date Recorded: 2003-03-05
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R82
ESE
1/4-1/2
0.329 mi.
1736 ft.
PACKAGING CORPORATION OF AMERICA
5133 WEST 65TH STREET
BEDFORD PARK, IL 60638
Site 1 of 2 in cluster R

LUST
SPILLS
S119030232
N/A

Relative:
Higher

Actual:
622 ft.

LUST:

Incident Num: 20170022
IL EPA Id: 316005357
Product: Other Petroleum
IEMA Date: 2017-01-11
Project Manager: Benanti
Project Manager Phone: (217) 524-4649
Email: Trent.Benanti@illinois.gov
PRP Name: Packaging Corporation of America
PRP Contact: Leo Karris
PRP Address: 1955 West Field Court
PRP City,St,Zip: Lake Forest, IL 60045
PRP Phone: (847) 482-2167
Site Classification: Not reported
Section 57.5(g) Letter: 734
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 2017-01-19
45 Report Received: 2017-02-03
NFA/NFR Letter: 2017-06-02
NFR Date Recorded: 2017-06-30
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

SPILLS:

Incident ID: 20170022
Incident Date: 01/11/2017
Date Received: Not reported
Lust Ind: Yes
Facility Address: 5133 WEST 65TH ST
Facility City: BEDFORD PARK
PRP Name: Packaging Corporation of America
AC: Not reported
Source Table: dbo_tbl_CONSTRUCTION101

R83
ESE
1/4-1/2
0.329 mi.
1736 ft.
ACORN CORRUGATED BOX COMPANY
5133 WEST 65TH STREET
BEDFORD PARK, IL 60638
Site 2 of 2 in cluster R

LUST
S106058437
N/A

Relative:
Higher

Actual:
622 ft.

LUST:

Incident Num: 20031380
IL EPA Id: 316005357
Product: Fuel Oil, Other Petroleum
IEMA Date: 2003-09-17
Project Manager: Boring
Project Manager Phone: (217) 558-4071
Email: Suzanne.Boring@illinois.gov
PRP Name: Acorn Corrugated Box Company
PRP Contact: Philip Goldstein
PRP Address: 5133 West 65th Street
PRP City,St,Zip: Bedford Park, IL 60638

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACORN CORRUGATED BOX COMPANY (Continued)

S106058437

PRP Phone: 3125786603
Site Classification: Not reported
Section 57.5(g) Letter: Not reported
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 2003-10-03
45 Report Received: 2003-11-10
NFA/NFR Letter: 2004-06-08
NFR Date Recorded: 2004-07-30
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

S84
West
1/4-1/2
0.337 mi.
1778 ft.

COMMERCIAL FORGED PROD.
5757 WEST 65TH ST.
BEDFORD PARK, IL 60638

LUST **S1001200277**
N/A

Site 1 of 2 in cluster S

Relative:
Higher

Actual:
615 ft.

LUST:
Incident Num: 923258
IL EPA Id: 310125003
Product: Fuel Oil, Used Oil
IEMA Date: 1992-11-17
Project Manager: Bauer
Project Manager Phone: (217) 782-3335
Email: Brian.Bauer@illinois.gov
PRP Name: Commercial Forged Prod.
PRP Contact: Patrick McCarthy
PRP Address: 5757 West 65th St.
PRP City,St,Zip: Bedford Park, IL 60638
PRP Phone: Not reported
Site Classification: NFA
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1992-12-07
45 Report Received: 1993-11-29
NFA/NFR Letter: 1996-03-04
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

85
NE
1/4-1/2
0.340 mi.
1794 ft.

CHICAGO, CITY OF
5200 WEST 63RD ST.
CHICAGO, IL 60638

LUST **S105225828**
N/A

Relative:
Higher

Actual:
620 ft.

LUST:
Incident Num: 981229
IL EPA Id: 316645055
Product: Other Petroleum
IEMA Date: 1998-05-23
Project Manager: Nickell
Project Manager Phone: Not reported
Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHICAGO, CITY OF (Continued)

S105225828

PRP Name: City of Chicago, Dept. of Environment
PRP Contact: Jim Glowa
PRP Address: O'Hare Int'l AP, Term. 2, E-F Concourse, P.O. Box 66142
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: 7736863711
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1998-06-19
45 Report Received: 1998-07-14
NFA/NFR Letter: 1998-11-10
NFR Date Recorded: 1999-01-19
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

86
SSW
1/4-1/2
0.346 mi.
1826 ft.

**BELT RAILWAY CO OF CHICAGO
6900 S CENTRAL AVENUE
BEDFORD PARK, IL 60638**

**LUST
SPILLS
RCRA NonGen / NLR
FINDS
ECHO** 1000393612
ILD006928733

**Relative:
Higher
Actual:
618 ft.**

LUST:
Incident Num: 960208
IL EPA Id: 310120022
Product: Gasoline
IEMA Date: 1996-02-07
Project Manager: Potter
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Belt Railway of Chicago
PRP Contact: James Mawery
PRP Address: 6900 South Central Ave.
PRP City,St,Zip: Bedford Park, IL 60638
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1996-03-08
45 Report Received: 1996-05-28
NFA/NFR Letter: 1997-02-11
NFR Date Recorded: 1997-02-11
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

SPILLS:
Incident ID: NL880190
Incident Date: Not reported
Date Received: 02/19/1988
Lust Ind: Not reported
Facility Address: 6900 SOUTH CENTRAL AVENUE
Facility City: BEDFORD PARK
PRP Name: RAILWAY COMP
AC: Not reported
Source Table: dbo_OCIN_INDCIDENTHIS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BELT RAILWAY CO OF CHICAGO (Continued)

1000393612

Incident ID: NL880401
Incident Date: Not reported
Date Received: 01/12/1989
Lust Ind: Not reported
Facility Address: 6900 SOUTH CENTRAL
Facility City: BEDFORD PARK
PRP Name: BELT RR
AC: Not reported
Source Table: dbo_OCIN_INDCIDENTHIS

Incident ID: 20041686
Incident Date: Not reported
Date Received: 12/03/2004
Lust Ind: No
Facility Address: 6900 SOUTH CENTRAL AVENUE
Facility City: BEDFORD PARK
PRP Name: BELT RR COMPANY OF CHICAGO
AC: Not reported
Source Table: dbo_OCIN_INCIDENTCUR

Incident ID: NL850537
Incident Date: Not reported
Date Received: 05/15/1985
Lust Ind: Not reported
Facility Address: 6900 SOUTH CENTRAL AVENUE
Facility City: BEDFORD PARK
PRP Name: BELT R.R.
AC: Not reported
Source Table: dbo_OCIN_INDCIDENTHIS

Incident ID: 20040398
Incident Date: 03/23/2004
Date Received: 03/24/2004
Lust Ind: No
Facility Address: 6900 SOUTH CENTRAL AVENUE
Facility City: BEDFORD PARK
PRP Name: BELT RAILWAY CO. OF CHICAGO
AC: Not reported
Source Table: dbo_OCIN_INCIDENTCUR

RCRA NonGen / NLR:

Date form received by agency: 11/01/2013
Facility name: BELT RAILWAY CO OF CHICAGO
Facility address: 6900 S CENTRAL AVE
BEDFORD PARK, IL 60638
EPA ID: ILD006928733
Contact: MICHAEL J ROMANO
Contact address: 6900 S CENTRAL AVE
BEDFORD PARK, IL 60638
Contact country: US
Contact telephone: 708-496-4076
Contact email: MROMANO@BELTRAILWAY.COM
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BELT RAILWAY CO OF CHICAGO (Continued)

1000393612

Owner/Operator Summary:

Owner/operator name: BELT RAILWAY CO OF CHICAGO
Owner/operator address: 6900 S CENTRAL AVE
BEDFORD PARK, IL 60638
Owner/operator country: US
Owner/operator telephone: 708-496-4000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/21/1882
Owner/Op end date: Not reported

Owner/operator name: BELT RAILWAY CO OF CHICAGO
Owner/operator address: 6900 S CENTRAL AVE
BEDFORD PARK, IL 60638
Owner/operator country: US
Owner/operator telephone: 708-496-4000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/21/1882
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: Yes

Historical Generators:

Date form received by agency: 02/02/1987
Site name: BELT RAILWAY CO
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BELT RAILWAY CO OF CHICAGO (Continued)

1000393612

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110001804254

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR EMISSIONS CLASSIFICATION UNKNOWN

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BELT RAILWAY CO OF CHICAGO (Continued)

1000393612

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

AIR MINOR

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000393612
Registry ID: 110001804254
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001804254>

T87
NNW
1/4-1/2
0.346 mi.
1828 ft.

**CHICAGO, CITY OF DEPT. OF ENVIRONMENT
6200 SOUTH CENTRAL AVE.
CHICAGO, IL 60638**

**LUST S105815780
N/A**

Site 1 of 2 in cluster T

**Relative:
Higher
Actual:
616 ft.**

LUST:

Incident Num: 990087
IL EPA Id: 316565166
Product: Gasoline
IEMA Date: 1999-01-15
Project Manager: Malcom
Project Manager Phone: (217) 524-9140
Email: James.Malcom@illinois.gov
PRP Name: City of Chicago, Dept. of Environment
PRP Contact: Renante Marante
PRP Address: 30 North La Salle St., 25th Fl.
PRP City,St,Zip: Chicago, IL 60602
PRP Phone: 3127420123
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: 3/11/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHICAGO, CITY OF DEPT. OF ENVIRONMENT (Continued)

S105815780

20 Report Received: Not reported
45 Report Received: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: 3/11/1999

T88
NNW
1/4-1/2
0.346 mi.
1828 ft.

CHICAGO DEPARTMENT OF ENVIRONMENT
6200-6208 SOUTH CENTRAL AVENUE
CHICAGO, IL 60638

INST CONTROL
SRP

S106121972
N/A

Site 2 of 2 in cluster T

Relative:
Higher
Actual:
616 ft.

IL INSTITUTIONAL CONTROL:

Illinois EPA Id: 316565166
NFR Letter: 07/16/2004
Date NFR Recorded: 07/26/2004
Comprehensive / Focused: Focused
Remediation Applicant Name: Mary Jo Schnell
RA Company: NeighborSpace
RA Address: 25 East Washington Street
RA City,St,Zip: Chicago IL 60602
Worker Caution: No
Acres: 0.3
Land Use: Residential or Industrial/Commercial
Ground Water Use Restriction: Yes
Highway Authority Agreement: No
Ordinance: No
Industrial - Commercial: No
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No

SRP:

IL EPA Id: 316565166
US EPA Id: Not reported
Longitude: -87.762173
Latitude: 41.779763
Contact Name: Mary Jo Schnell
Contact Address: 25 East Washington Street
Contact City,St,Zip: Chicago 60602
Date Enrolled: 01/20/2004
Point Of Contact: Steven T. Newlin
Consultant Company: STS Consultants Ltd.
Consultant Address: 750 Corporate Woods Parkway
Consultant City,St,Zip: Vernon Hills 60601
Proj Mgr Assigned: Not assigned
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: NeighborSpace

NFRDL:

Effective: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHICAGO DEPARTMENT OF ENVIRONMENT (Continued)

S106121972

Land Use: Residential or Industrial/Commercial
Ground Water Use Restriction: Yes
Highway Authority Agreement: No
Ordinance: No
Industrial - Commercial: No
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No
Remediation Applicant Name: Mary Jo Schnell
Remediation Applicant Company: NeighborSpace
Remediation Applicant Address: 25 East Washington Street
Remediation Applicant City,St,Zip: Chicago IL 60602
Illinois EPA: 316565166
Site Name: Chicago Department of Environment
NFR Letter: 2004-07-16
NFR Letter Date Recorded: 2004-07-26
Comprehensive/Focused: Focused
Worker Caution: N
Acres: 0.3

S89
West
1/4-1/2
0.370 mi.
1955 ft.

J-P REFUSE DISPOSAL LIMITED
5756 WEST 65TH
CHICAGO, IL 60638

SEMS-ARCHIVE 1003870124
ILD980677678

Site 2 of 2 in cluster S

Relative:
Higher
Actual:
615 ft.

SEMS Archive:
Site ID: 500697
EPA ID: ILD980677678
Cong District: 5
FIPS Code: 17031
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 5
Site ID: 500697
EPA ID: ILD980677678
Site Name: J-P REFUSE DISPOSAL LIMITED
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1984-03-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J-P REFUSE DISPOSAL LIMITED (Continued)

1003870124

Site ID: 500697
EPA ID: ILD980677678
Site Name: J-P REFUSE DISPOSAL LIMITED
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-03-01 00:00:00
Finish Date: 1980-03-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 5
Site ID: 500697
EPA ID: ILD980677678
Site Name: J-P REFUSE DISPOSAL LIMITED
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1984-03-01 00:00:00
Qual: N
Current Action Lead: St Perf

U90
North
1/4-1/2
0.371 mi.
1961 ft.

FEDERAL AVIATION ADMIN.
ORD-ASR-4 NEAR RUNWAY 14R MID
CHICAGO, IL 60666

LUST S104524710
N/A

Site 1 of 3 in cluster U

Relative:
Higher
Actual:
619 ft.

LUST:
Incident Num: 922051
IL EPA Id: 316765040
Product: Used Oil
IEMA Date: 1992-07-28
Project Manager: Blumhorst
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Federal Aviation Admin.
PRP Contact: Douglas Mott
PRP Address: FAA Airways FAC Field Area Office, O'Hare Airport
PRP City,St,Zip: Chicago, IL 6066-9996
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1992-10-08
45 Report Received: 1993-01-11
NFA/NFR Letter: 1993-06-18
NFR Date Recorded: Not reported
Heating Oil Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FEDERAL AVIATION ADMIN. (Continued)

S104524710

Non-Lust LR Date:

Not reported

U91
North
1/4-1/2
0.371 mi.
1961 ft.

CHICAGO DEPT. OF AVIATION
MIDWAY AIRPORT, CONCOURSE C
CHICAGO, IL 60606

LUST S103687699
N/A

Site 2 of 3 in cluster U

Relative:
Higher
Actual:
619 ft.

LUST:

Incident Num: 922741
IL EPA Id: 316285203
Product: Fuel Oil
IEMA Date: 1992-09-29
Project Manager: Myers
Project Manager Phone: (217) 785-7491
Email: Dave.Myers@illinois.gov
PRP Name: O'Hare International Airport
PRP Contact: James Glow, Coordinating Engineer
PRP Address: Dept. of Aviation, P.O. Box 66142
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: 1993-02-10
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Incident Num: 933135
IL EPA Id: 316285203
Product: Diesel
IEMA Date: 1993-12-07
Project Manager: NOT ASSIGNED
Project Manager Phone: Not reported
Email: Not reported
PRP Name: City of Chicago, Dept. of Aviation
PRP Contact: James Glowa
PRP Address: O'Hare Int'l AP, Term. 2, E-F Concourse, P.O. Box 66142
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1993-12-28
45 Report Received: Not reported
NFA/NFR Letter: 1994-04-28
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U92
North
1/4-1/2
0.371 mi.
1961 ft.

CHICAGO, CITY OF
MIDWAY AIRPORT
CHICAGO, IL 60666

Site 3 of 3 in cluster U

LUST S105225794
N/A

Relative:
Higher

Actual:
619 ft.

LUST:

Incident Num: 930841
IL EPA Id: 316765038
Product: Fuel Oil
IEMA Date: 1993-04-06
Project Manager: D. Hollis
Project Manager Phone: Not reported
Email: Not reported
PRP Name: City of Chicago
PRP Contact: Mellon Steward
PRP Address: 4625 West 55th St.
PRP City,St,Zip: Chicago, IL 60632
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1993-04-26
45 Report Received: 1993-05-17
NFA/NFR Letter: 1994-03-04
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

93
WSW
1/4-1/2
0.384 mi.
2026 ft.

BEDFORD PARK BUILDING #5
6534 SOUTH MENARD
BEDFORD PARK, IL 60638

LUST U004110673
UST N/A

Relative:
Higher

Actual:
615 ft.

LUST:

Incident Num: 20071329
IL EPA Id: 310125205
Product: Other Petroleum
IEMA Date: 2007-10-03
Project Manager: Kuhlman
Project Manager Phone: (217) 785-5715
Email: Eric.Kuhlman@illinois.gov
PRP Name: Simborg Industrial Real Estate
PRP Contact: Tony Grabelle
PRP Address: 1149 West 175th Street
PRP City,St,Zip: Homewood, IL 60430
PRP Phone: 7087994900
Site Classification: Not reported
Section 57.5(g) Letter: 734
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 2008-01-09
45 Report Received: 2008-01-09
NFA/NFR Letter: 2008-02-21
NFR Date Recorded: 2009-09-30
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEDFORD PARK BUILDING #5 (Continued)

U004110673

UST:

Facility ID: 2043808
Facility Status: EXEMPT
Facility Type: VACANT
Owner Id: U0034348
Owner Name: Simborg Industrial Real Estate
Owner Address: 1149 West 175th Street
Owner City,St,Zip: Homewood, IL 60430

Tank Number: 1
Tank Status: Removed
Tank Capacity: 12000
Tank Substance: Heating Oil
Last Used Date: 12/31/1973
OSFM First Notify Date: 1/28/2008
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: 07-1329
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 10/3/2007
Abandoned Date: Not reported

94
SE
1/4-1/2
0.397 mi.
2095 ft.

Relative:
Higher

Actual:
624 ft.

NATICO INC
6700 S LECLAIRE AVE
BEDFORD PARK, IL 60501

SSU:

Facility ID: 0310125210
Facility Type: ARRA
Directions: Not reported
Region: Des Plaines
Current Program: SRP
Project Manager: Baldwin
Community Relations: Not reported
SSU Status: Transferred
FOS: Not reported
Year Completed: Not reported
Site Size: Not reported
Lat/Long: Not reported

IL BROWNFIELD:

MBRG Site Id: 03101
Region: 1

SSU 1004473124
BROWNFIELDS N/A
ICIS
FINDS
ECHO
AIRS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NATICO INC (Continued)

1004473124

Planned End Use: Industrial

Detail:

Population: 574
Term Date: 10/19/2008
Date Agree: 4/20/2001
Grant Agreement: \$ 240000
Local Contact Name: James Gifford
Contact Addr: 6701 S. Archer Ave.
Contact Tele: (708) 458-6026

Site:

LPC Number: 0310125210
Draft NFR Issued Date: Not reported
NFR Issued: Not reported

LPC Number: 0310125210
Draft NFR Issued Date: Not reported
NFR Issued: Not reported

MBRG Site Id: 03101
Region: 1
Planned End Use: Industrial

Detail:

Population: 574
Term Date: 10/19/2008
Date Agree: 4/20/2001
Grant Agreement: \$ 240000
Local Contact Name: James Gifford
Contact Addr: 6701 S. Archer Ave.
Contact Tele: (708) 458-6026

Site:

LPC Number: 0310125210
Draft NFR Issued Date: Not reported
NFR Issued: Not reported

LPC Number: 0310125210
Draft NFR Issued Date: Not reported
NFR Issued: Not reported

ICIS:

Enforcement Action ID: IL000A0000170310444500009
FRS ID: 110001687602
Action Name: NATICO INC 170310444500009
Facility Name: NATICO INC
Facility Address: 6700 S LECLAIRE AVE
BEDFORD PARK, IL 60501
Enforcement Action Type: Notice of Violation
Facility County: COOK
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 41.77095

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NATICO INC (Continued)

1004473124

Longitude in Decimal Degrees: -87.75034
Permit Type Desc: Not reported
Program System Acronym: IL000031012ADM
Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: IL000A0000170310444500007
FRS ID: 110001687602
Action Name: NATICO INC 170310444500007
Facility Name: NATICO INC
Facility Address: 6700 S LECLAIRE AVE
BEDFORD PARK, IL 60501

Enforcement Action Type: Notice of Violation
Facility County: COOK
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 41.77095
Longitude in Decimal Degrees: -87.75034
Permit Type Desc: Not reported
Program System Acronym: IL000031012ADM
Facility NAICS Code: 332439
Tribal Land Code: Not reported

FINDS:

Registry ID: 110001687602

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

AIR MINOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004473124
Registry ID: 110001687602

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NATICO INC (Continued)

1004473124

DFR URL:

<http://echo.epa.gov/detailed-facility-report?fid=110001687602>

AIRS:

2nd Address: Not reported
Facility ID: 11006
Year: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Ext: Not reported
Contact Email: Not reported
ID Number: 031012ADM
Cease Operation Date: 12/15/1990
SIC Code: 3412
NAICS: Not reported
Type Code: LOC
Permit: Not reported
Type: Not reported
Status: Not reported
Status Date: Not reported
Expiration Date: Not reported
Latitude: Not reported
Longitude: Not reported

**95
NE
1/4-1/2
0.402 mi.
2123 ft.**

**ATLANTIC AVIATION
6150 SOUTH LARAMIE AVENUE
CHICAGO, IL 60638**

**LUST S122419696
N/A**

**Relative:
Lower**

**Actual:
613 ft.**

LUST:

Incident Num: 20180639
IL EPA Id: 316645104
Product: Used Oil
IEMA Date: 2018-07-10
Project Manager: Dilbaitis
Project Manager Phone: (217) 785-8378
Email: Bradley.Dilbaitis@illinois.gov
PRP Name: Atlantic Aviation
PRP Contact: Craig Szafoni
PRP Address: 6150 South Laramie Avenue
PRP City,St,Zip: Chicago, IL 60638
PRP Phone: (708) 254-4753
Site Classification: Not reported
Section 57.5(g) Letter: 734
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: 2018-10-01
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

96
ESE
1/4-1/2
0.450 mi.
2374 ft.

RELEASE INTERNATIONAL
5001 WEST 66TH
BEDFORD PARK, IL 60638

LUST
SRP
SPILLS

S104523236
N/A

Relative:
Higher

Actual:
622 ft.

LUST:

Incident Num: 940884
IL EPA Id: 310120004
Product: Non-Petroleum Product
IEMA Date: 1994-04-22
Project Manager: NOT ASSIGNED
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Release International
PRP Contact: Dennis Coil
PRP Address: 915 Harger Rd.
PRP City,St,Zip: Oak Brook, IL 60521
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1994-05-25
45 Report Received: 1994-08-08
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

SRP:

IL EPA Id: 310120004
US EPA Id: ILD005120423
Longitude: -87.748514
Latitude: 41.771872
Contact Name: Adam Musulin
Contact Address: 9300 West 108th Circle
Contact City,St,Zip: Westminster 80021
Date Enrolled: 02/04/2002
Point Of Contact: Mark Roman
Consultant Company: Envision Environmental Inc.
Consultant Address: 11 Sleepy Hollow Court
Consultant City,St,Zip: Allentown 8501
Proj Mgr Assigned: Hannah Fyfe
Sec. 4 Letter Date: Not reported
Active: Yes
Remediation Applicant Co: Ball Corporation

SPILLS:

Incident ID: NL820300
Incident Date: Not reported
Date Received: 05/14/1982
Lust Ind: Not reported
Facility Address: 5001 WEST 66TH STREET
Facility City: BEDFORD PARK
PRP Name: HP SMITH PAPER
AC: Not reported
Source Table: dbo_OCIN_INDCIDENTHIS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

97
WSW
1/4-1/2
0.481 mi.
2539 ft.

ALLIANCE PETROLEUM, INC.
5841 WEST 66TH
BEDFORD PARK, IL 60638

LUST **U004128132**
UST **N/A**

Relative:
Higher

Actual:
615 ft.

LUST:

Incident Num: 902563
IL EPA Id: 310125083
Product: Fuel Oil, Non-Petroleum Product
IEMA Date: 1990-09-06
Project Manager: Rossi
Project Manager Phone: (217) 782-9285
Email: Jenny.Rossi@illinois.gov
PRP Name: Alliance Petroleum
PRP Contact: Not reported
PRP Address: 5841 West 66th St.
PRP City,St,Zip: Bedford Park, IL 60638
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 734
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: Not reported
NFA/NFR Letter: 2017-07-11
NFR Date Recorded: 2017-08-11
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

UST:

Facility ID: 2019781
Facility Status: CLOSED
Facility Type: NONE
Owner Id: U0000392
Owner Name: Alliance Petroleum, Inc.
Owner Address: 5841 West 66th
Owner City,St,Zip: Bedford Park, IL 60638

Tank Number: 1
Tank Status: Removed
Tank Capacity: 4500
Tank Substance: Mineral Spirits
Last Used Date: Not reported
OSFM First Notify Date: 5/1/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1976
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: 90-2563
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIANCE PETROLEUM, INC. (Continued)

U004128132

Test Expire Date: Not reported
Removed Date: 9/5/1990
Abandoned Date: Not reported

Tank Number: 2
Tank Status: **Removed**
Tank Capacity: 4500
Tank Substance: Mineral Spirits
Last Used Date: Not reported
OSFM First Notify Date: 5/1/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1976
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 9/5/1990
Abandoned Date: Not reported

Tank Number: 3
Tank Status: **Removed**
Tank Capacity: 1200
Tank Substance: Diesel Fuel
Last Used Date: Not reported
OSFM First Notify Date: 5/1/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1976
Green Tag Decal: **Not reported**
Green Tag Issue Date: **Not reported**
Green Tag Expire Date: **Not reported**
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 9/5/1990
Abandoned Date: Not reported

Tank Number: 4
Tank Status: **Removed**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIANCE PETROLEUM, INC. (Continued)

U004128132

Tank Capacity: 1000
Tank Substance: Heating Oil
Last Used Date: Not reported
OSFM First Notify Date: 11/26/1990
Red Tag Issue Date: Not reported
Install Date: 1/1/1976
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 9/5/1990
Abandoned Date: Not reported

Tank Number: 5
Tank Status: Removed
Tank Capacity: 1000
Tank Substance: Heating Oil
Last Used Date: 1/4/1991
OSFM First Notify Date: 11/26/1990
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 1/4/1991
Abandoned Date: Not reported

Tank Number: 6
Tank Status: Removed
Tank Capacity: 1000
Tank Substance: Heating Oil
Last Used Date: 1/4/1991
OSFM First Notify Date: 11/26/1990
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIANCE PETROLEUM, INC. (Continued)

U004128132

Green Tag Issue Date:	Not reported
Green Tag Expire Date:	Not reported
Fee Due:	Not reported
Motor Fuel Permit Inspection Date:	Not reported
Motor Fuel Permit Expiration Date:	Not reported
MOTOR FUEL TYPE:	Not reported
Pending Nov:	N
IEMA:	Not reported
Equipment Type:	Not reported
Equipment:	Not reported
Last Passing Date:	Not reported
Test Expire Date:	Not reported
Removed Date:	1/4/1991
Abandoned Date:	Not reported

Tank Number:	7
Tank Status:	Removed
Tank Capacity:	1000
Tank Substance:	Heating Oil
Last Used Date:	1/1/1991
OSFM First Notify Date:	3/23/2004
Red Tag Issue Date:	Not reported
Install Date:	Not reported
Green Tag Decal:	Not reported
Green Tag Issue Date:	Not reported
Green Tag Expire Date:	Not reported
Fee Due:	Not reported
Motor Fuel Permit Inspection Date:	Not reported
Motor Fuel Permit Expiration Date:	Not reported
MOTOR FUEL TYPE:	Not reported
Pending Nov:	N
IEMA:	Not reported
Equipment Type:	Not reported
Equipment:	Not reported
Last Passing Date:	Not reported
Test Expire Date:	Not reported
Removed Date:	1/4/1991
Abandoned Date:	Not reported

Tank Number:	8
Tank Status:	Aboveground
Tank Capacity:	2000
Tank Substance:	Gasoline
Last Used Date:	12/11/2008
OSFM First Notify Date:	Not reported
Red Tag Issue Date:	Not reported
Install Date:	Not reported
Green Tag Decal:	Not reported
Green Tag Issue Date:	Not reported
Green Tag Expire Date:	Not reported
Fee Due:	\$0.00
Motor Fuel Permit Inspection Date:	Not reported
Motor Fuel Permit Expiration Date:	Not reported
MOTOR FUEL TYPE:	Not reported
Pending Nov:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIANCE PETROLEUM, INC. (Continued)

U004128132

IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: Not reported
Abandoned Date: Not reported

V98
ENE
1/4-1/2
0.484 mi.
2554 ft.
Site 1 of 3 in cluster V

LUST **S104530058**
N/A

Relative:
Lower
Actual:
613 ft.

LUST:
Incident Num: 992275
IL EPA Id: 316565138
Product: Jet Fuel, Other Petroleum
IEMA Date: 1999-10-06
Project Manager: Benanti
Project Manager Phone: (217) 524-4649
Email: Trent.Benanti@illinois.gov
PRP Name: Signature Flight Support
PRP Contact: Gary Daniels
PRP Address: 5821 South Central Ave.
PRP City,St,Zip: Chicago, IL 60638
PRP Phone: 7737674400
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: 4/14/2000
20 Report Received: 2000-01-21
45 Report Received: 2000-01-21
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: 4/14/2000

99
ESE
1/4-1/2
0.484 mi.
2556 ft.

LUST **S104527582**
SRP **N/A**

JEFFERSON SMURFIT
6550 SOUTH LAVERGNE AVENUE
BEDFORD PARK, IL 60638

Relative:
Higher
Actual:
621 ft.

LUST:
Incident Num: 891931
IL EPA Id: 310120038
Product: Non-Petroleum Product
IEMA Date: 1989-10-02
Project Manager: Steinheimer
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Jefferson Smurfit
PRP Contact: Jim Downery
PRP Address: 6550 South Lavergne Ave.
PRP City,St,Zip: Bedford Park, IL 60638

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JEFFERSON SMURFIT (Continued)

S104527582

PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1992-02-29
45 Report Received: 1993-07-09
NFA/NFR Letter: 1994-06-22
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

SRP:

IL EPA Id: 310120038
US EPA Id: ILD006322929
Longitude: -87.748103
Latitude: 41.773575
Contact Name: John Friedrich
Contact Address: 1228 East Tower Road
Contact City,St,Zip: Schaumburg 60173-4386
Date Enrolled: Not reported
Point Of Contact: Not reported
Consultant Company: Not reported
Consultant Address: Not reported
Consultant City,St,Zip: Not reported
Proj Mgr Assigned: Not assigned
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: Jefferson Smurfit Corporation

V100
ENE
1/4-1/2
0.489 mi.
2582 ft.

DEPARTMENT OF AVIATION
5000 WEST 63RD STREET
CHICAGO, IL 60638
Site 2 of 3 in cluster V

LUST S108966669
N/A

Relative:
Lower

Actual:
614 ft.

LUST:
Incident Num: 20071594
IL EPA Id: 316565044
Product: Fuel Oil
IEMA Date: 2007-12-07
Project Manager: Not reported
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Department of Aviation
PRP Contact: Aaron Frame
PRP Address: 10510 West Zimke Road
PRP City,St,Zip: Chicago, IL 60666
PRP Phone: 7736863563
Site Classification: Not reported
Section 57.5(g) Letter: 734
Date Section 57.5(g) Letter: 2008-02-19
Non LUST Determination Letter: Not reported
20 Report Received: 2008-01-14
45 Report Received: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF AVIATION (Continued)

S108966669

Heating Oil Date: 2/19/2008
Non-Lust LR Date: Not reported

V101
ENE
1/4-1/2
0.491 mi.
2590 ft.

RAY BUICK INC
5011 W 63RD ST
CHICAGO, IL 60638

Site 3 of 3 in cluster V

RCRA-SQG
LUST
FINDS
ECHO

1000105502
ILD025276627

Relative:
Lower

Actual:
613 ft.

RCRA-SQG:

Date form received by agency: 09/30/1987
Facility name: RAY BUICK INC
Facility address: 5011 W 63RD ST
CHICAGO, IL 60638
EPA ID: ILD025276627
Contact: RAY DUBIEL
Contact address: 5011 W 63RD ST
CHICAGO, IL 60638
Contact country: US
Contact telephone: 312-767-8530
Contact email: Not reported
EPA Region: 05
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: GIESELMANN RAY
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAY BUICK INC (Continued)

1000105502

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

LUST:

Incident Num: 921525
IL EPA Id: 316645022
Product: Fuel Oil
IEMA Date: 1992-06-05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAY BUICK INC (Continued)

1000105502

Project Manager: Andrews
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Ray Buick Inc.
PRP Contact: Ray Gieselmann
PRP Address: 5011 West 63rd St.
PRP City,St,Zip: Chicago, IL 60638
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1992-06-25
45 Report Received: 1992-08-17
NFA/NFR Letter: 1992-10-27
NFR Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

FINDS:

Registry ID: 110005822510

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000105502
Registry ID: 110005822510
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005822510>

**W102
SE
1/4-1/2
0.497 mi.
2625 ft.**

**BEDFORD PARK / SOUTH LECLAIRE AVE
6700 SOUTH LECLAIRE AVE
BEDFORD PARK, IL 60638**

**US BROWNFIELDS 1023619161
FINDS N/A**

Site 1 of 2 in cluster W

**Relative:
Higher
Actual:
624 ft.**

US BROWNFIELDS:
Property Name: BEDFORD PARK / SOUTH LECLAIRE AVE
Recipient Name: Illinois EPA
Grant Type: BCRLF
Property Number: Not reported
Parcel size: 1.85
Latitude: 41.770244
Longitude: -87.748782

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEDFORD PARK / SOUTH LECLAIRE AVE (Continued)

1023619161

HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	161481
IC Data Access:	Not reported
Start Date:	07/07/2011 00:00:00
Redev Completion Date:	12/31/2012 00:00:00
Completed Date:	02/10/2012 00:00:00
Acres Cleaned Up:	1.85
Cleanup Funding:	240000
Cleanup Funding Source:	State/Tribal Funding (non-section 128(a))
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	2000000
Redev. Funding Source:	Local Funding
Redev. Funding Entity Name:	Bedford Park
Redevelopment Start Date:	06/06/2012 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Municipal Brownfields Grant
Grant Type:	Petroleum
Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	00E47101
Start Date:	Not reported
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	City of Bedford Park
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Y
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	06/06/2012 00:00:00
IC in place:	Y
State/tribal program date:	12/10/2001 00:00:00
State/tribal program ID:	LPC0310125210
State/tribal NFA date:	06/06/2012 00:00:00
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEDFORD PARK / SOUTH LECLAIRE AVE (Continued)

1023619161

Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Y
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	10
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	1.85
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	1.85
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEDFORD PARK / SOUTH LECLAIRE AVE (Continued)

1023619161

Media affected indoor air: Not reported
Building material media cleaned up: Not reported
Indoor air media cleaned up: Not reported
Unknown media cleaned up: Not reported
Past Use: Multistory Not reported
Property Description: multiple commercial uses
Below Poverty Number: 142
Below Poverty Percent: 7.9%
Meidan Income: 9584
Meidan Income Number: 365
Meidan Income Percent: 20.4%
Vacant Housing Number: 32
Vacant Housing Percent: 5.1%
Unemployed Number: 57
Unemployed Percent: 3.2%

FINDS:

Registry ID: 110070068723

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)
is an federal online database for Brownfields Grantees to
electronically submit data directly to EPA.

[Click this hyperlink](#) while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

**W103
SE
1/4-1/2
0.497 mi.
2625 ft.**

**SUPERIOR METAL FINISHING
6700 SOUTH LECLAIRE AVENUE
BEDFORD PARK, IL 60638**

Site 2 of 2 in cluster W

**LUST
ENG CONTROLS
INST CONTROL
SRP
BOL**

**S104525410
N/A**

**Relative:
Higher
Actual:
624 ft.**

LUST:
Incident Num: 913374
IL EPA Id: 316005409
Product: Gasoline
IEMA Date: 1991-11-20
Project Manager: NOT ASSIGNED
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Naccon Inc.
PRP Contact: Kenneth Hicks
PRP Address: 6700 South Leclaire
PRP City,St,Zip: Bedford Park, IL 60638
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: 1992-01-15
NFA/NFR Letter: 2001-03-30
NFR Date Recorded: 2001-04-06
Heating Oil Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPERIOR METAL FINISHING (Continued)

S104525410

Non-Lust LR Date: Not reported

Incident Num: 20031551
IL EPA Id: 310125210
Product: Other Petroleum
IEMA Date: 2003-10-22
Project Manager: Not reported
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Village of Bedford Park
PRP Contact: Jim Gifford
PRP Address: 6701 South Archer Avenue
PRP City,St,Zip: Bedford Park, IL 60501
PRP Phone: 7084586026
Site Classification: Not reported
Section 57.5(g) Letter: Not reported
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 2004-09-07
45 Report Received: 2004-09-07
NFA/NFR Letter: 2012-06-06
NFR Date Recorded: 2012-07-12
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

ENGINEERING CONTROLS:

Illinois Epa Id: 316005409
NFR Letter: 12/20/2005
Date NFR Recorded: 04/19/2006
Comprehensive / Focused: Comprehensive
Remediation Applicant Name: James Gifford
RA Company: Village of Bedford Park
RA Address: 6701 South Archer Avenue
RA City,St,Zip: Bedford Park IL 60501
Worker Caution: No
Acres: 2.4
Land Use: Residential or Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: No
Industrial - Commercial: No
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: Yes
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No

IL INSTUTIONAL CONTROL:

Illinois EPA Id: 310125210
NFR Letter: 06/06/2012
Date NFR Recorded: 07/12/2012
Comprehensive / Focused: Comprehensive
Remediation Applicant Name: James Gifford

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPERIOR METAL FINISHING (Continued)

S104525410

RA Company: Village of Bedford Park
RA Address: 6701 South Archer Avenue
RA City,St,Zip: Bedford Park IL 60501
Worker Caution: Yes
Acres: 1.85
Land Use: Residential or Industrial/Commercial
Ground Water Use Restriction: Yes
Highway Authority Agreement: No
Ordinance: No
Industrial - Commercial: No
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No

SRP:

IL EPA Id: 316005409
US EPA Id: ILD005092515
Longitude: -87.748919
Latitude: 41.770185
Contact Name: Daniel Nisavic
Contact Address: 6701 South Archer Avenue
Contact City,St,Zip: Bedford Park 60501
Date Enrolled: 12/15/2000
Point Of Contact: David Scharre P.E.
Consultant Company: Harza Engineering Company
Consultant Address: 233 South Wacker Drive
Consultant City,St,Zip: Chicago 60606-6392
Proj Mgr Assigned: James Baldwin
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: Village of Bedford Park

NFRDL:

Effective: True
Land Use: Residential or Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: No
Industrial - Commercial: No
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: Yes
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No
Remediation Applicant Name: James Gifford
Remediation Applicant Company: Village of Bedford Park
Remediation Applicant Address: 6701 South Archer Avenue
Remediation Applicant City,St,Zip: Bedford Park IL 60501
Illinois EPA: 316005409

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPERIOR METAL FINISHING (Continued)

S104525410

Site Name: Superior Metal Finishing
NFR Letter: 2005-12-20
NFR Letter Date Recorded: 2006-04-19
Comprehensive/Focused: Comprehensive
Worker Caution: N
Acres: 2.4

IL EPA Id: 310125210
US EPA Id: Not reported
Longitude: -87.749496
Latitude: 41.770802
Contact Name: James Gifford
Contact Address: 6701 South Archer Avenue
Contact City,St,Zip: Bedford Park 60501
Date Enrolled: 12/10/2001
Point Of Contact: Jeffrey J. Cademartori
Consultant Company: Shaw Environmental Inc.
Consultant Address: 1607 East main Street
Consultant City,St,Zip: St. Charles 60174
Proj Mgr Assigned: James Baldwin
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: Village of Bedford Park

NFRDL:

Effective: True
Land Use: Residential or Industrial/Commercial
Ground Water Use Restriction: Yes
Highway Authority Agreement: No
Ordinance: No
Industrial - Commercial: No
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No
Remediation Applicant Name: James Gifford
Remediation Applicant Company: Village of Bedford Park
Remediation Applicant Address: 6701 South Archer Avenue
Remediation Applicant City,St,Zip: Bedford Park IL 60501
Illinois EPA: 310125210
Site Name: Village of Bedford Park
NFR Letter: 2012-06-06
NFR Letter Date Recorded: 2012-07-12
Comprehensive/Focused: Comprehensive
Worker Caution: Y
Acres: 1.85

BOL:

Site Id: 170000439817
Inv Num: 0310125210
Interest Name: Bedford Park, Village of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUPERIOR METAL FINISHING (Continued)

S104525410

Interest Type: BOL
Media Code: LAND

104
ESE
1/2-1
0.509 mi.
2690 ft.

Relative:
Higher

Actual:
623 ft.

CORRUGATED SUPPLIES CORP
5043 W 67TH ST
BEDFORD PARK, IL 60638

CORRACTS
ENG CONTROLS
INST CONTROL
SRP
RCRA NonGen / NLR
US AIRS
AIRS

1000247335
ILD010300531

CORRACTS:

EPA ID: ILD010300531
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 20090501
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 339999
All Other Miscellaneous Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD010300531
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19920331
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 339999
All Other Miscellaneous Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD010300531
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19920330
Action: CA050 - RFA Completed
NAICS Code(s): 339999
All Other Miscellaneous Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

ENGINEERING CONTROLS:

Illinois Epa Id: 310120007
NFR Letter: 08/28/2000
Date NFR Recorded: 09/27/2000
Comprehensive / Focused: Comprehensive
Remediation Applicant Name: John Potocsnak
RA Company: Corrugated Supplies Corporation Inc.
RA Address: 5101 West 65th Street
RA City,St,Zip: Bedford Park IL 60638
Worker Caution: Yes
Acres: 8
Land Use: Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRUGATED SUPPLIES CORP (Continued)

1000247335

Ordinance: Yes
Industrial - Commercial: Yes
Slab on Grade: No
BCT: No
Building Slab: Yes
Asphalt Used: Yes
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No

IL INSTUTIONAL CONTROL:

Illinois EPA Id: 310120007
NFR Letter: 08/28/2000
Date NFR Recorded: 09/27/2000
Comprehensive / Focused: Comprehensive
Remediation Applicant Name: John Potocsnak
RA Company: Corrugated Supplies Corporation Inc.
RA Address: 5101 West 65th Street
RA City,St,Zip: Bedford Park IL 60638
Worker Caution: Yes
Acres: 8
Land Use: Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: Yes
Industrial - Commercial: Yes
Slab on Grade: No
BCT: No
Building Slab: Yes
Asphalt Used: Yes
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No

SRP:

IL EPA Id: 310120007
US EPA Id: Not reported
Longitude: -87.747001
Latitude: 41.770191
Contact Name: John Potocsnak
Contact Address: 5101 West 65th Street
Contact City,St,Zip: Bedford Park 60638
Date Enrolled: 11/24/1999
Point Of Contact: William Sarni
Consultant Company: Pendergast Sarni Itell Environmental
Consultant Address: 12600 West Colfax Avenue
Consultant City,St,Zip: Lakewood 80215
Proj Mgr Assigned: Barb Landers
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: CSC 1

NFRDL:

Effective: True
Land Use: Industrial/Commercial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRUGATED SUPPLIES CORP (Continued)

1000247335

Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: Yes
Industrial - Commercial: Yes
Slab on Grade: No
BCT: No
Building Slab: Yes
Asphalt Used: Yes
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No
Remediation Applicant Name: John Potocsnak
Remediation Applicant Company: Corrugated Supplies Corporation Inc.
Remediation Applicant Address: 5101 West 65th Street
Remediation Applicant City,St,Zip: Bedford Park IL 60638
Illinois EPA: 310120007
Site Name: CSC1 Inc.
NFR Letter: 2000-08-28
NFR Letter Date Recorded: 2000-09-27
Comprehensive/Focused: Comprehensive
Worker Caution: Y
Acres: 8

RCRA NonGen / NLR:

Date form received by agency: 05/12/2009
Facility name: CORRUGATED SUPPLIES CORP
Facility address: 5043 W 67TH ST
BEDFORD PARK, IL 60638
EPA ID: ILD010300531
Contact: ENV COORDINATOR
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 708-458-5525
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CORRUGATED SUPPLIES CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRUGATED SUPPLIES CORP (Continued)

1000247335

Owner/operator name: CORRUGATED SUPPLIES CORP
Owner/operator address: Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/01/2006
Site name: CORRUGATED SUPPLIES CORP
Classification: Not a generator, verified

Date form received by agency: 09/01/1999
Site name: CORRUGATED SUPPLIES CORP
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRUGATED SUPPLIES CORP (Continued)

1000247335

USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D007
. Waste name: CHROMIUM

Date form received by agency: 03/01/1996
Site name: ETHICON INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/1994
Site name: ETHICON INC
Classification: Large Quantity Generator

Date form received by agency: 10/30/1992
Site name: CORRUGATED SUPPLIES CORP
Classification: Large Quantity Generator

Date form received by agency: 03/01/1992
Site name: ETHICON INC
Classification: Large Quantity Generator

Date form received by agency: 12/14/1990
Site name: CORRUGATED SUPPLIES CORP
Classification: Not a generator, verified

Date form received by agency: 02/13/1990
Site name: ETHICON INC
Classification: Large Quantity Generator

Date form received by agency: 11/14/1980
Site name: CORRUGATED SUPPLIES CORP
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRUGATED SUPPLIES CORP (Continued)

1000247335

THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE
DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

Corrective Action Summary:

Event date: 03/30/1992
Event: RFA COMPLETED

Event date: 03/31/1992
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 05/01/2009
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT
NECESSARY

Facility Has Received Notices of Violations:

Regulation violated: SR - 722.134(a)
Area of violation: Generators - Pre-transport
Date violation determined: 11/17/1992
Date achieved compliance: 01/07/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/07/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/16/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/17/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 01/07/1993
Evaluation lead agency: State

Evaluation date: 12/14/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/05/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRUGATED SUPPLIES CORP (Continued)

1000247335

Evaluation date: 04/12/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US AIRS MINOR:

Envid: 1000247335
Region Code: 05
Programmatic ID: AIR IL000031012AGK
Facility Registry ID: 110000908867
D and B Number: Not reported
Primary SIC Code: 2679
NAICS Code: 322211
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 05
Programmatic ID: AIR IL000031012AGK
Facility Registry ID: 110000908867
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR IL000031012AGK
Facility Registry ID: 110000908867
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

US AIRS MINOR:

Envid: 1000247335
Region Code: 05
Programmatic ID: AIR IL000031012AGK
Facility Registry ID: 110000908867
D and B Number: Not reported
Primary SIC Code: 2679
NAICS Code: 322211
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORRUGATED SUPPLIES CORP (Continued)

1000247335

US AIRS MINOR:

Region Code: 05
Programmatic ID: AIR IL000031012AGK
Facility Registry ID: 110000908867
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR IL000031012AGK
Facility Registry ID: 110000908867
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

AIRS:

2nd Address: Not reported
Facility ID: 844
Year: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Ext: Not reported
Contact Email: Not reported
ID Number: 031012ABS
Cease Operation Date: 8/31/1998
SIC Code: 3842
NAICS: Not reported
Type Code: LOC
Permit: Not reported
Type: Not reported
Status: Not reported
Status Date: Not reported
Expiration Date: Not reported
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

105
East
1/2-1
0.576 mi.
3041 ft.

JOHNSON & JOHNSON PRODUCTS INC
4949 W 65TH ST
BEDFORD PARK, IL 60638

SEMS-ARCHIVE
CORRACTS
RCRA NonGen / NLR
MLTS

1000320684
ILD001799949

Relative:
Higher

Actual:
620 ft.

SEMS Archive:

Site ID: 500111
EPA ID: ILD001799949
Cong District: 3
FIPS Code: 17031
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 5
Site ID: 500111
EPA ID: ILD001799949
Site Name: JOHNSON & JOHNSON PRODUCTS
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1989-10-05 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 5
Site ID: 500111
EPA ID: ILD001799949
Site Name: JOHNSON & JOHNSON PRODUCTS
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 2
Start Date: Not reported
Finish Date: 1989-10-05 00:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 5
Site ID: 500111
EPA ID: ILD001799949
Site Name: JOHNSON & JOHNSON PRODUCTS
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1984-02-24 00:00:00
Finish Date: 1984-02-24 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PRODUCTS INC (Continued)

1000320684

Region: 5
Site ID: 500111
EPA ID: ILD001799949
Site Name: JOHNSON & JOHNSON PRODUCTS
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1986-10-01 00:00:00
Qual: L
Current Action Lead: St Perf

CORRACTS:

EPA ID: ILD001799949
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 20090501
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 339113
Surgical Appliance and Supplies Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD001799949
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19910927
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 339113
Surgical Appliance and Supplies Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD001799949
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19910814
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 339113
Surgical Appliance and Supplies Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD001799949
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19910814
Action: CA050 - RFA Completed
NAICS Code(s): 339113
Surgical Appliance and Supplies Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PRODUCTS INC (Continued)

1000320684

RCRA NonGen / NLR:

Date form received by agency: 11/03/1980
Facility name: JOHNSON & JOHNSON PRODUCTS INC
Facility address: 4949 W 65TH ST
BEDFORD PARK, IL 60638
EPA ID: ILD001799949
Mailing address: 4949 WEST 65TH STREET
CHICAGO, IL 60638
Contact: HARRY PEARSON
Contact address: 4949 WEST 65TH STREET
CHICAGO, IL 60638
Contact country: US
Contact telephone: 312-767-0800
Contact email: Not reported
EPA Region: 05
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: JOHNSON & JOHNSON PRODUCTS INCORPORATED
Owner/operator address: 4949 WEST 65TH STREET
CHICAGO, IL 60638
Owner/operator country: Not reported
Owner/operator telephone: 312-767-0800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JOHNSON & JOHNSON PRODUCTS INCORPORATED
Owner/operator address: 4949 WEST 65TH STREET
CITY NOT REPORTED, IL 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-767-0800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PRODUCTS INC (Continued)

1000320684

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Historical Generators:

Date form received by agency: 08/18/1980
Site name: JOHNSON & JOHNSON PRODUCTS INC
Classification: Not a generator, verified

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PRODUCTS INC (Continued)

1000320684

MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U037
. Waste name: BENZENE, CHLORO-

. Waste code: U044
. Waste name: CHLOROFORM

. Waste code: U107
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER

. Waste code: U112
. Waste name: ACETIC ACID ETHYL ESTER (I)

. Waste code: U115
. Waste name: ETHYLENE OXIDE (I,T)

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT

. Waste code: U151
. Waste name: MERCURY

. Waste code: U159
. Waste name: 2-BUTANONE (I,T)

. Waste code: U160
. Waste name: 2-BUTANONE, PEROXIDE (R,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U169
. Waste name: BENZENE, NITRO-

. Waste code: U188
. Waste name: PHENOL

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON & JOHNSON PRODUCTS INC (Continued)

1000320684

. Waste code: U220
. Waste name: BENZENE, METHYL-

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T)

Corrective Action Summary:

Event date: 08/14/1991
Event: RFA COMPLETED

Event date: 08/14/1991
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 09/27/1991
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 05/01/2009
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 09/18/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MLTS:

License Number: 12-00340-03
First License Date: Not reported
License Date: 01/23/85
Lic. Expiration Date: 08/31/88
Contact Name: Not reported
Contact Phone: Not reported
Institution Code: 340
Department/Bldg: Not reported
States Allowing Use: Not reported
Store Material Use: No
Redistribution Use: No
Incinerate Use: No
Burial Use: No
Last Inspection Date: 02/01/76
Next Inspection Date: Not reported
Licensee Contact: Not reported
Inspector Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

106
ESE
1/2-1
0.652 mi.
3443 ft.

SCIAKY BROTHERS, INC
4915 WEST 67TH STREET
CHICAGO, IL

FUSRAP **1016603180**
N/A

Relative:
Higher

Actual:
623 ft.

FUSRAP:

Site Name: SCIAKY BROTHERS, INC
Site Id: IL.0-06
Site Status: Eliminated from consideration under FUSRAP
Designated Name: Not Designated
Alternate Name: None
Location Street Address: 4915 WEST 67TH STREET
Location City: CHICAGO
Location State: IL
Location County: Not reported
Evaluation Year: 1987
Site Operations: One time operation involving stitch welding of uranium in 1953.
Site Disposition: Eliminated - Potential for contamination considered remote based on limited operations at the site
Radioactive Materials Handled: Yes
Primary Radioactive Materials Handled: Uranium
Radiological Survey(S): None Indicated
Long Term Care Requirements: Not reported
Historical Operations: Not reported
Website URL: www.lm.doe.gov/Considered_Sites/Sciaky_Brothers_Inc_-_IL_0-06.aspx

107
ESE
1/2-1
0.755 mi.
3984 ft.

VILLAGE OF BEDFORD PARK
4823 WEST 67TH STREET
BEDFORD PARK, IL 60638

SSU **S105424167**
INST CONTROL **N/A**
SRP

Relative:
Higher

Actual:
623 ft.

SSU:

Facility ID: 0310125213
Facility Type: Parking lot
Directions: Not reported
Region: Des Plaines
Current Program: USEPA
Project Manager: Not Assigned
Community Relations: Not reported
SSU Status: Transferred
FOS: Not reported
Year Completed: Not reported
Site Size: 1
Lat/Long: 0 / 0

IL INSTITUTIONAL CONTROL:

Illinois EPA Id: 310125211
NFR Letter: 04/01/2004
Date NFR Recorded: Not reported
Comprehensive / Focused: Focused
Remediation Applicant Name: James Gifford
RA Company: Village of Bedford Park
RA Address: 6701 South Archer Avenue
RA City,St,Zip: Bedford Park IL 60501
Worker Caution: No
Acres: 0.5
Land Use: Residential or Industrial/Commercial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLAGE OF BEDFORD PARK (Continued)

S105424167

Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: Yes
Industrial - Commercial: No
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No

SRP:

IL EPA Id: 310125211
US EPA Id: Not reported
Longitude: -87.743561
Latitude: 41.770983
Contact Name: James Gifford
Contact Address: 6701 South Archer Avenue
Contact City,St,Zip: Bedford Park 60501
Date Enrolled: 02/28/2002
Point Of Contact: Daniel J. Horvath
Consultant Company: Resource Consulting Inc.
Consultant Address: 115 Ford Street
Consultant City,St,Zip: Geneva 60134
Proj Mgr Assigned: Andrew Catlin
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: Village of Bedford Park

NFRDL:

Effective: True
Land Use: Residential or Industrial/Commercial
Ground Water Use Restriction: No
Highway Authority Agreement: No
Ordinance: Yes
Industrial - Commercial: No
Slab on Grade: No
BCT: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10ft: No
Alternate Barrier: No
Remediation Applicant Name: James Gifford
Remediation Applicant Company: Village of Bedford Park
Remediation Applicant Address: 6701 South Archer Avenue
Remediation Applicant City,St,Zip: Bedford Park IL 60501
Illinois EPA: 310125211
Site Name: Village of Bedford Park
NFR Letter: 2004-04-01
NFR Letter Date Recorded: Not reported
Comprehensive/Focused: Focused
Worker Caution: N
Acres: 0.5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

X108
WSW
1/2-1
0.979 mi.
5171 ft.

SUN CHEMICAL PLANT #2
6600 SOUTH MELVINA
CHICAGO, IL 60638

SEMS-ARCHIVE
CORRACTS
RCRA NonGen / NLR

1000106731
ILD980700777

Site 1 of 3 in cluster X

Relative:
Higher

SEMS Archive:

Actual:
615 ft.

Site ID:
EPA ID:
Cong District:
FIPS Code:
FF:
NPL:
Non NPL Status:

506264
ILD980700777
3
17031
N
Not on the NPL
Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region:
Site ID:
EPA ID:
Site Name:
NPL:
FF:
OU:
Action Code:
Action Name:
SEQ:
Start Date:
Finish Date:
Qual:
Current Action Lead:

5
506264
ILD980700777
SUN CHEMICAL PLANT #2
N
N
0
VS
ARCH SITE
1
Not reported
1995-12-11 00:00:00
Not reported
EPA Perf In-Hse

Region:
Site ID:
EPA ID:
Site Name:
NPL:
FF:
OU:
Action Code:
Action Name:
SEQ:
Start Date:
Finish Date:
Qual:
Current Action Lead:

5
506264
ILD980700777
SUN CHEMICAL PLANT #2
N
N
0
PA
PA
1
Not reported
1990-02-28 00:00:00
D
St Perf

Region:
Site ID:
EPA ID:
Site Name:
NPL:
FF:
OU:
Action Code:
Action Name:
SEQ:
Start Date:
Finish Date:
Qual:
Current Action Lead:

5
506264
ILD980700777
SUN CHEMICAL PLANT #2
N
N
0
DS
DISCVRY
1
1989-09-06 00:00:00
1989-09-06 00:00:00
Not reported
St Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL PLANT #2 (Continued)

1000106731

CORRACTS:

EPA ID: ILD980700777
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19940331
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD980700777
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19910927
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD980700777
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19900220
Action: CA050 - RFA Completed
NAICS Code(s): Not reported
Original schedule date: 19900316
Schedule end date: Not reported

RCRA NonGen / NLR:

Date form received by agency: 08/18/2009
Facility name: SUN CHEMICAL CORP
Facility address: 6600 S MELVINA AVE
CHICAGO, IL 60638

EPA ID: ILD980700777
Contact: Not reported
Contact address: Not reported
Not reported

Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 05
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: Yes
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL PLANT #2 (Continued)

1000106731

Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/09/2006

Site name: SUN CHEMICAL CORP

Classification: Not a generator, verified

Date form received by agency: 03/01/1996

Site name: SUN CHEMICAL CORP-PLANT II

Classification: Large Quantity Generator

Date form received by agency: 10/30/1992

Site name: SUN CHEMICAL CORP

Classification: Large Quantity Generator

. Waste code: D000

. Waste name: Not Defined

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D005

. Waste name: BARIUM

. Waste code: F002

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 01/16/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL PLANT #2 (Continued)

1000106731

Site name: SUN CHEMICAL CORP
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D005
. Waste name: BARIUM

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 11/19/1980
Site name: SUN CHEMICAL CORP
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D005
. Waste name: BARIUM

Date form received by agency: 08/12/1980
Site name: SUN CHEMICAL CORP
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL PLANT #2 (Continued)

1000106731

- . Waste code: D000
. Waste name: Not Defined
- . Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: D005
. Waste name: BARIUM
- . Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: K086

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL PLANT #2 (Continued)

1000106731

- . Waste name: SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.
- . Waste code: P030
- . Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
- . Waste code: U220
- . Waste name: BENZENE, METHYL-
- . Waste code: U239
- . Waste name: BENZENE, DIMETHYL- (I,T)

Corrective Action Summary:

- Event date: 02/20/1990
- Event: RFA COMPLETED
- Event date: 09/27/1991
- Event: CA PRIORITIZATION-LOW CA PRIORITY
- Event date: 03/31/1994
- Event: CA PRIORITIZATION-LOW CA PRIORITY

Facility Has Received Notices of Violations:

- Regulation violated: SR - 703.121(a)
- Area of violation: TSD - General
- Date violation determined: 11/02/1994
- Date achieved compliance: 01/20/1998
- Violation lead agency: State
- Enforcement action: Not reported
- Enforcement action date: Not reported
- Enf. disposition status: Not reported
- Enf. disp. status date: Not reported
- Enforcement lead agency: Not reported
- Proposed penalty amount: Not reported
- Final penalty amount: Not reported
- Paid penalty amount: Not reported
- Regulation violated: SR - 725.242(a)
- Area of violation: TSD - Financial Requirements
- Date violation determined: 02/18/1994
- Date achieved compliance: 11/21/1996
- Violation lead agency: State
- Enforcement action: VIOLATION NOTICE (VN)
- Enforcement action date: 04/05/1994
- Enf. disposition status: Not reported
- Enf. disp. status date: Not reported
- Enforcement lead agency: State
- Proposed penalty amount: Not reported
- Final penalty amount: Not reported
- Paid penalty amount: Not reported
- Regulation violated: SR - 725.212(a)
- Area of violation: TSD - Closure/Post-Closure
- Date violation determined: 02/18/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL PLANT #2 (Continued)

1000106731

Date achieved compliance: 11/21/1996
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 04/05/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.211
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 02/18/1994
Date achieved compliance: 11/14/2002
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 04/05/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.212(b)
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 02/18/1994
Date achieved compliance: 11/21/1996
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 04/05/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 722.111
Area of violation: Generators - General
Date violation determined: 01/16/1992
Date achieved compliance: 04/15/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/27/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 722.111
Area of violation: Generators - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/07/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL PLANT #2 (Continued)

1000106731

Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 06/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 728.107(a)
Area of violation: LDR - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/07/1990
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 06/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 728.107(a)(1)
Area of violation: LDR - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/07/1990
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 06/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 728.107(a)(6)
Area of violation: LDR - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/07/1990
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 06/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/09/2006
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL PLANT #2 (Continued)

1000106731

Evaluation lead agency: State

Evaluation date: 10/30/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/30/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 11/14/2002
Evaluation lead agency: State

Evaluation date: 12/19/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 11/21/1996
Evaluation lead agency: State

Evaluation date: 12/19/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/21/1996
Evaluation lead agency: State

Evaluation date: 12/19/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 11/14/2002
Evaluation lead agency: State

Evaluation date: 11/02/1994
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: TSD - General
Date achieved compliance: 01/20/1998
Evaluation lead agency: State

Evaluation date: 02/18/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/21/1996
Evaluation lead agency: State

Evaluation date: 02/18/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 11/14/2002
Evaluation lead agency: State

Evaluation date: 02/18/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 11/21/1996
Evaluation lead agency: State

Evaluation date: 01/16/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL PLANT #2 (Continued)

1000106731

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/15/1992
Evaluation lead agency: State

Evaluation date: 05/22/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/07/1990
Evaluation lead agency: State

Evaluation date: 05/22/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/07/1990
Evaluation lead agency: State

X109
WSW
1/2-1
0.979 mi.
5171 ft.

SUN CHEMICAL CORP PLANT I&II
6600 S MELVINA
CHICAGO, IL 60638
Site 2 of 3 in cluster X

SEMS-ARCHIVE
CORRACTS
RCRA-TSDF
RCRA NonGen / NLR

1015733686
ILD053191029

Relative:
Higher
Actual:
615 ft.

SEMS Archive:
Site ID: 506163
EPA ID: ILD053191029
Cong District: 3
FIPS Code: 17031
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:
Region: 5
Site ID: 506163
EPA ID: ILD053191029
Site Name: SUN CHEMICAL CORPORATION
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1995-12-11 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 5
Site ID: 506163
EPA ID: ILD053191029
Site Name: SUN CHEMICAL CORPORATION
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL CORP PLANT I&II (Continued)

1015733686

Finish Date: 1990-03-16 00:00:00
Qual: D
Current Action Lead: St Perf

Region: 5
Site ID: 506163
EPA ID: ILD053191029
Site Name: SUN CHEMICAL CORPORATION
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1989-06-23 00:00:00
Finish Date: 1989-06-23 00:00:00
Qual: Not reported
Current Action Lead: St Perf

CORRACTS:

EPA ID: ILD053191029
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 20090501
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 32591
Printing Ink Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD053191029
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19940331
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 32591
Printing Ink Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD053191029
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19910927
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 32591
Printing Ink Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD053191029
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19900228

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL CORP PLANT I&II (Continued)

1015733686

Action: CA050 - RFA Completed
NAICS Code(s): 32591
Printing Ink Manufacturing
Original schedule date: 19900316
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 03/01/2004
Facility name: SUN CHEMICAL CORP PLANT I&II
Facility address: 6600 S MELVINA
CHICAGO, IL 60638
EPA ID: ILD053191029
Contact: JOHN DAVIS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 708-496-5800
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SUN CHEMICAL CORP-PLANT 1
Owner/operator address: 6600 S MELVINA
CHICAGO, IL 60638
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/31/1980
Owner/Op end date: Not reported

Owner/operator name: SUN CHEMICAL CORP-PLANT 1
Owner/operator address: 6600 S MELVINA
CHICAGO, IL 60638
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/1980
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL CORP PLANT I&II (Continued)

1015733686

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/01/2002
Site name: SUN CHEMICAL CORP-PLANT I&II
Classification: Large Quantity Generator

Date form received by agency: 03/01/2000
Site name: SUN CHEMICAL CORP-PLANT I&II
Classification: Large Quantity Generator

Date form received by agency: 03/01/1998
Site name: SUN CHEMICAL CORP-PLANT I&II
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Site name: SUN CHEMICAL CORP-PLANT I&II
Classification: Large Quantity Generator

Date form received by agency: 03/01/1994
Site name: SUN CHEMICAL CORP-PLANT 1
Classification: Large Quantity Generator

Date form received by agency: 03/01/1992
Site name: SUN CHEMICAL CORP-PLANT 1
Classification: Large Quantity Generator

Date form received by agency: 02/28/1990
Site name: SUN CHEMICAL CORP-PLANT 1
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Site name: SUN CHEMICAL CORP-PLT 1&2
Classification: Not a generator, verified

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: K086

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL CORP PLANT I&II (Continued)

1015733686

- . Waste name: SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.
- Date form received by agency: 08/12/1980
Site name: SUN CHEMICAL CORP-PLT 1&2
Classification: Large Quantity Generator
- . Waste code: D000
. Waste name: Not Defined
- . Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: D005
. Waste name: BARIUM
- . Waste code: D007
. Waste name: CHROMIUM
- . Waste code: D008
. Waste name: LEAD
- . Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL CORP PLANT I&II (Continued)

1015733686

SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: K086
. Waste name: SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: U080
. Waste name: METHANE, DICHLORO-

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO-

Corrective Action Summary:

Event date: 02/28/1990
Event: RFA COMPLETED

Event date: 09/27/1991
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 03/31/1994
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 05/01/2009
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY

Facility Has Received Notices of Violations:

Regulation violated: SR - 722.140(c)
Area of violation: Generators - Records/Reporting
Date violation determined: 05/22/1990
Date achieved compliance: 08/27/1990
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/21/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL CORP PLANT I&II (Continued)

1015733686

Paid penalty amount: 17500

Regulation violated: SR - 728.107(a)(6)
Area of violation: LDR - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/07/1990
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 06/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 728.107(a)
Area of violation: LDR - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/07/1990
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/21/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500
Paid penalty amount: 17500

Regulation violated: SR - 722.111
Area of violation: Generators - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/27/1990
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 06/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 722.111
Area of violation: Generators - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/27/1990
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/21/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500
Paid penalty amount: 17500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL CORP PLANT I&II (Continued)

1015733686

Regulation violated: SR - 722.140(c)
Area of violation: Generators - Records/Reporting
Date violation determined: 05/22/1990
Date achieved compliance: 08/27/1990
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 06/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 728.107(a)(1)
Area of violation: LDR - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/07/1990
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/21/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500
Paid penalty amount: 17500

Regulation violated: SR - 728.107(a)(1)
Area of violation: LDR - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/07/1990
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 06/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 728.107(a)(6)
Area of violation: LDR - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/07/1990
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/21/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 17500
Paid penalty amount: 17500

Regulation violated: SR - 728.107(a)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL CORP PLANT I&II (Continued)

1015733686

Area of violation: LDR - General
Date violation determined: 05/22/1990
Date achieved compliance: 08/07/1990
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 06/27/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/23/1988
Date achieved compliance: 10/21/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/01/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 01/08/1998
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/22/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/27/1990
Evaluation lead agency: State

Evaluation date: 05/22/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/07/1990
Evaluation lead agency: State

Evaluation date: 05/22/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/27/1990
Evaluation lead agency: State

Evaluation date: 06/23/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/21/1988
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN CHEMICAL CORP PLANT I&II (Continued)

1015733686

Evaluation date: 05/16/1988
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

X110
WSW
1/2-1
0.997 mi.
5263 ft.

NALCO CO
6216 W 66TH PL
CHICAGO, IL 60638

Site 3 of 3 in cluster X

SEMS
CORRACTS
RCRA-LQG
TRIS

1015731019
60638NLCCH6216W

Relative:
Higher
Actual:
615 ft.

SEMS:
Site ID: 500153
EPA ID: ILD005092572
Cong District: 3
FIPS Code: 17031
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Referred to Removal - NFRAP

SEMS Detail:

Region: 5
Site ID: 500153
EPA ID: ILD005092572
Site Name: NALCO CHEMICAL COMPANY
NPL: N
FF: N
OU: 0
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: Not reported
Qual: N
Current Action Lead: EPA Perf

Region: 5
Site ID: 500153
EPA ID: ILD005092572
Site Name: NALCO CHEMICAL COMPANY
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-08-01 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 5
Site ID: 500153
EPA ID: ILD005092572
Site Name: NALCO CHEMICAL COMPANY
NPL: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

FF: N
OU: 0
Action Code: BB
Action Name: PRP RV
SEQ: 1
Start Date: 1986-06-30 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 5
Site ID: 500153
EPA ID: ILD005092572
Site Name: NALCO CHEMICAL COMPANY
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1987-10-23 00:00:00
Finish Date: Not reported
Qual: N
Current Action Lead: St Perf

CORRACTS:

EPA ID: ILD005092572
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19931231
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

NAICS Code(s): 326111
Plastics Bag Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD005092572
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19911231
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

NAICS Code(s): 326111
Plastics Bag Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: ILD005092572
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19910909
Action: CA050 - RFA Completed
NAICS Code(s): 326111
Plastics Bag Manufacturing

Original schedule date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

Schedule end date: Not reported

EPA ID: ILD005092572
EPA Region: 5
Area Name: ENTIRE FACILITY
Actual Date: 19910909
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 326111
Plastics Bag Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

RCRA-LQG:

Date form received by agency: 03/01/2016
Facility name: NALCO CO
Facility address: 6216 W 66TH PL
CHICAGO, IL 60638

EPA ID: ILD005092572
Contact: RANDALL CHRISTNER
Contact address: Not reported
Not reported

Contact country: Not reported
Contact telephone: 708-496-5000
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: NALCO CO
Owner/operator address: 6216 W 66TH PL
CHICAGO, IL 60638

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1928
Owner/Op end date: Not reported

Owner/operator name: ECOLAB
Owner/operator address: 370 N WABASHA ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

ST PAUL, MN 55102

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/01/2011
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: Yes
Generated waste on-site: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: U122
. Waste name: FORMALDEHYDE

Historical Generators:

Date form received by agency: 03/01/2013
Site name: NALCO CO
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: U007
. Waste name: ACRYLAMIDE

Date form received by agency: 03/01/2012
Site name: NALCO CO
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: U007
. Waste name: ACRYLAMIDE

. Waste code: U154
. Waste name: METHANOL (I)

Date form received by agency: 03/01/2012
Site name: NALCO CO
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: LABP
. Waste name: LAB PACK

. Waste code: U007
. Waste name: ACRYLAMIDE

. Waste code: U154
. Waste name: METHANOL (I)

Date form received by agency: 03/01/2010
Site name: NALCO CO
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D008
. Waste name: LEAD

. Waste code: LABP
. Waste name: LAB PACK

Date form received by agency: 03/01/2008
Site name: NALCO CO
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Site name: NALCO CO
Classification: Large Quantity Generator

Date form received by agency: 09/27/2004
Site name: NALCO CO
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/01/2004

Site name: ONDEO NALCO CO

Classification: Large Quantity Generator

Date form received by agency: 03/01/2002

Site name: ONDEO NALCO CO

Classification: Large Quantity Generator

Date form received by agency: 03/01/2000

Site name: NALCO CHEMICAL CO

Classification: Large Quantity Generator

Date form received by agency: 03/01/1998

Site name: NALCO CHEMICAL CO

Classification: Large Quantity Generator

Date form received by agency: 03/01/1996

Site name: NALCO CHEMICAL CO

Classification: Large Quantity Generator

Date form received by agency: 04/28/1994

Site name: NALCO CHEMICAL CO PLT 1

Classification: Large Quantity Generator

Date form received by agency: 03/01/1994

Site name: NALCO CHEMICAL CO

Classification: Large Quantity Generator

Date form received by agency: 03/01/1992

Site name: NALCO CHEMICAL CO

Classification: Large Quantity Generator

Date form received by agency: 02/27/1990

Site name: NALCO CHEMICAL CO

Classification: Large Quantity Generator

Date form received by agency: 11/19/1980

Site name: NALCO CHEMICAL CO PLT 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

Classification: Not a generator, verified

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D007

. Waste name: CHROMIUM

Date form received by agency: 08/18/1980

Site name: NALCO CHEMICAL CO PLT 1

Classification: Large Quantity Generator

. Waste code: D000

. Waste name: Not Defined

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003

. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004

. Waste name: ARSENIC

. Waste code: D005

. Waste name: BARIUM

. Waste code: D006

. Waste name: CADMIUM

. Waste code: D007

. Waste name: CHROMIUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

- . Waste code: D008
. Waste name: LEAD
- . Waste code: D009
. Waste name: MERCURY
- . Waste code: D010
. Waste name: SELENIUM
- . Waste code: D011
. Waste name: SILVER
- . Waste code: D012
. Waste name: ENDRIN
- . Waste code: D013
. Waste name: LINDANE
- . Waste code: D014
. Waste name: METHOXYCHLOR
- . Waste code: D015
. Waste name: TOXAPHENE
- . Waste code: D016
. Waste name: 2,4-D
- . Waste code: D017
. Waste name: 2,4,5-TP (SILVEX)
- . Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F004
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F013
- . Waste name: Not Defined
- . Waste code: F023
- . Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- AND TETRACHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE WASTES FROM EQUIPMENT USED ONLY FOR THE PRODUCTION OR USE OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL).
- . Waste code: P003
- . Waste name: ACROLEIN
- . Waste code: P004
- . Waste name: ALDRIN
- . Waste code: P005
- . Waste name: ALLYL ALCOHOL
- . Waste code: P010
- . Waste name: ARSENIC ACID H3ASO4
- . Waste code: P011
- . Waste name: ARSENIC OXIDE AS2O3
- . Waste code: P012
- . Waste name: ARSENIC OXIDE AS2O3
- . Waste code: P016
- . Waste name: DICHLOROMETHYL ETHER
- . Waste code: P021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

. Waste name: CALCIUM CYANIDE
. Waste code: P022
. Waste name: CARBON DISULFIDE
. Waste code: P028
. Waste name: BENZENE, (CHLOROMETHYL)-
. Waste code: P029
. Waste name: COPPER CYANIDE
. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
. Waste code: P031
. Waste name: CYANOGEN
. Waste code: P033
. Waste name: CYANOGEN CHLORIDE
. Waste code: P035
. Waste name: Not Defined
. Waste code: P037
. Waste name: DIELDRIN
. Waste code: P051
. Waste name: 2,7:3,6-DIMETHANONAPHTH [2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA,2BETA,2ABETA,3ALPHA,6ALPHA,6ABETA,7BETA, 7AALPHA)-, & METABOLITES
. Waste code: P053
. Waste name: Not Defined
. Waste code: P054
. Waste name: AZIRIDINE
. Waste code: P055
. Waste name: Not Defined
. Waste code: P059
. Waste name: HEPTACHLOR
. Waste code: P063
. Waste name: HYDROCYANIC ACID
. Waste code: P074
. Waste name: NICKEL CYANIDE
. Waste code: P076
. Waste name: NITRIC OXIDE
. Waste code: P078
. Waste name: NITROGEN DIOXIDE
. Waste code: P086

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

. Waste name: Not Defined

. Waste code: P090
. Waste name: Not Defined

. Waste code: P098
. Waste name: POTASSIUM CYANIDE

. Waste code: P100
. Waste name: Not Defined

. Waste code: P101
. Waste name: ETHYL CYANIDE

. Waste code: P104
. Waste name: SILVER CYANIDE

. Waste code: P105
. Waste name: SODIUM AZIDE

. Waste code: P106
. Waste name: SODIUM CYANIDE

. Waste code: P110
. Waste name: PLUMBANE, TETRAETHYL-

. Waste code: P119
. Waste name: AMMONIUM VANADATE

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5

. Waste code: P121
. Waste name: ZINC CYANIDE

. Waste code: U001
. Waste name: ACETALDEHYDE (I)

. Waste code: U002
. Waste name: ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U007
. Waste name: ACRYLAMIDE

. Waste code: U008
. Waste name: ACRYLIC ACID (I)

. Waste code: U009
. Waste name: ACRYLONITRILE

. Waste code: U012
. Waste name: ANILINE (I,T)

. Waste code: U013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

Waste name:	Not Defined
Waste code:	U021
Waste name:	BENZIDINE
Waste code:	U022
Waste name:	BENZO[A]PYRENE
Waste code:	U028
Waste name:	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER
Waste code:	U031
Waste name:	1-BUTANOL (I)
Waste code:	U036
Waste name:	CHLORDANE, ALPHA & GAMMA ISOMERS
Waste code:	U037
Waste name:	BENZENE, CHLORO-
Waste code:	U039
Waste name:	P-CHLORO-M-CRESOL
Waste code:	U041
Waste name:	EPICHLOROHYDRIN
Waste code:	U043
Waste name:	ETHENE, CHLORO-
Waste code:	U044
Waste name:	CHLOROFORM
Waste code:	U045
Waste name:	METHANE, CHLORO- (I, T)
Waste code:	U048
Waste name:	O-CHLOROPHENOL
Waste code:	U050
Waste name:	CHRYSENE
Waste code:	U052
Waste name:	CRESOL (CRESYLIC ACID)
Waste code:	U053
Waste name:	2-BUTENAL
Waste code:	U056
Waste name:	BENZENE, HEXAHYDRO- (I)
Waste code:	U057
Waste name:	CYCLOHEXANONE (I)
Waste code:	U060
Waste name:	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO-
Waste code:	U061

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO-
. Waste code: U063
. Waste name: DIBENZ[A,H]ANTHRACENE
. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER
. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO-
. Waste code: U071
. Waste name: BENZENE, 1,3-DICHLORO-
. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO-
. Waste code: U074
. Waste name: 2-BUTENE, 1,4-DICHLORO- (I,T)
. Waste code: U076
. Waste name: ETHANE, 1,1-DICHLORO-
. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO-
. Waste code: U080
. Waste name: METHANE, DICHLORO-
. Waste code: U081
. Waste name: 2,4-DICHLOROPHENOL
. Waste code: U082
. Waste name: 2,6-DICHLOROPHENOL
. Waste code: U088
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER
. Waste code: U092
. Waste name: DIMETHYLAMINE (I)
. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER
. Waste code: U103
. Waste name: DIMETHYL SULFATE
. Waste code: U104
. Waste name: Not Defined
. Waste code: U107
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER
. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE
. Waste code: U112

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

. Waste name: ACETIC ACID ETHYL ESTER (I)
. Waste code: U113
. Waste name: ETHYL ACRYLATE (I)
. Waste code: U114
. Waste name: CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, SALTS & ESTERS
. Waste code: U116
. Waste name: ETHYLENETHIOUREA
. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I)
. Waste code: U118
. Waste name: ETHYL METHACRYLATE
. Waste code: U120
. Waste name: FLUORANTHENE
. Waste code: U122
. Waste name: FORMALDEHYDE
. Waste code: U123
. Waste name: FORMIC ACID (C,T)
. Waste code: U124
. Waste name: FURAN (I)
. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I)
. Waste code: U126
. Waste name: GLYCIDYLALDEHYDE
. Waste code: U127
. Waste name: BENZENE, HEXACHLORO-
. Waste code: U128
. Waste name: 1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-
. Waste code: U133
. Waste name: HYDRAZINE (R,T)
. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T)
. Waste code: U135
. Waste name: HYDROGEN SULFIDE
. Waste code: U140
. Waste name: ISOBUTYL ALCOHOL (I,T)
. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT
. Waste code: U145

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

. Waste name: LEAD PHOSPHATE
. Waste code: U147
. Waste name: 2,5-FURANDIONE
. Waste code: U151
. Waste name: MERCURY
. Waste code: U152
. Waste name: METHACRYLONITRILE (I, T)
. Waste code: U154
. Waste name: METHANOL (I)
. Waste code: U156
. Waste name: CARBONCHLORIDIC ACID, METHYL ESTER (I,T)
. Waste code: U159
. Waste name: 2-BUTANONE (I,T)
. Waste code: U161
. Waste name: METHYL ISOBUTYL KETONE (I)
. Waste code: U162
. Waste name: METHYL METHACRYLATE (I,T)
. Waste code: U165
. Waste name: NAPHTHALENE
. Waste code: U188
. Waste name: PHENOL
. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE
. Waste code: U196
. Waste name: PYRIDINE
. Waste code: U197
. Waste name: P-BENZOQUINONE
. Waste code: U212
. Waste name: Not Defined
. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I)
. Waste code: U217
. Waste name: NITRIC ACID, THALLIUM(1+) SALT
. Waste code: U219
. Waste name: THIOUREA
. Waste code: U220
. Waste name: BENZENE, METHYL-
. Waste code: U221

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

. Waste name: BENZENEDIAMINE, AR-METHYL-
. Waste code: U222
. Waste name: BENZENAMINE, 2-METHYL-, HYDROCHLORIDE
. Waste code: U224
. Waste name: Not Defined
. Waste code: U225
. Waste name: BROMOFORM
. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO-
. Waste code: U227
. Waste name: ETHANE, 1,1,2-TRICHLORO-
. Waste code: U228
. Waste name: ETHENE, TRICHLORO-
. Waste code: U230
. Waste name: Not Defined
. Waste code: U231
. Waste name: Not Defined
. Waste code: U233
. Waste name: Not Defined
. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T)

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 919.6

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 12449.6

Waste code: LABP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

Waste name: LAB PACK
Amount (Lbs): 15029.2

Waste code: U122
Waste name: FORMALDEHYDE
Amount (Lbs): 6889

Corrective Action Summary:

Event date: 09/09/1991
Event: RFA COMPLETED

Event date: 09/09/1991
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 12/31/1991
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 12/31/1993
Event: CA PRIORITIZATION-LOW CA PRIORITY

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/05/1999
Date achieved compliance: Not reported
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.173
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 11/27/1990
Date achieved compliance: 02/06/1991
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 12/26/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 722.134(a)
Area of violation: Generators - Pre-transport
Date violation determined: 11/27/1990
Date achieved compliance: 02/06/1991
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

Enforcement action date: 12/26/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.116(d)
Area of violation: TSD - General Facility Standards
Date violation determined: 11/27/1990
Date achieved compliance: 02/06/1991
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 12/26/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/07/1989
Date achieved compliance: 07/14/1989
Violation lead agency: State
Enforcement action: VIOLATION NOTICE (VN)
Enforcement action date: 03/27/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/09/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/23/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/05/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/05/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NALCO CO (Continued)

1015731019

Area of violation: Generators - General
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 09/17/1993
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/22/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/27/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/06/1991
Evaluation lead agency: State

Evaluation date: 11/27/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 02/06/1991
Evaluation lead agency: State

Evaluation date: 11/27/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/06/1991
Evaluation lead agency: State

Evaluation date: 04/11/1989
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/07/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/14/1989
Evaluation lead agency: State

TRIS:

[Click this hyperlink](#) while viewing on your computer to access
10 additional US_TRIS: record(s) in the EDR Site Report.

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
------	--------	-----------	--------------	-----	-------------

NO SITES FOUND

REFRAID

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 36

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 36

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 36

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SSU: State Sites Unit Listing

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/19/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 22

Source: Illinois Environmental Protection Agency
Telephone: 217-524-4826
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 12

Source: Illinois Environmental Protection Agency
Telephone: 217-785-8604
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

CCDD: Clean Construction or Demolition Debris

Construction and demolition (C and D) debris is nonhazardous, uncontaminated material resulting from construction, remodeling, repair, or demolition of utilities, structures, and roads.

Date of Government Version: 04/11/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/30/2018
Number of Days to Update: 29

Source: Illinois EPA
Telephone: 217-524-3300
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Varies

LF WMRC: Waste Management & Research Center Landfill Database

The Waste Management & Research Center Landfill Database includes records from the Department of Public Health, Department of Mines & Minerals, Illinois Environmental Protection Agency, State Geological Survey, Northeastern Illinois Planning Commission and Pollution Control Board.

Date of Government Version: 12/31/2001
Date Data Arrived at EDR: 10/06/2006
Date Made Active in Reports: 11/06/2006
Number of Days to Update: 31

Source: Department of Natural Resources
Telephone: 217-333-8940
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF SPECIAL WASTE: Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

Date of Government Version: 01/01/1990
Date Data Arrived at EDR: 06/17/2009
Date Made Active in Reports: 07/15/2009
Number of Days to Update: 28

Source: Illinois EPA
Telephone: 217-782-9288
Last EDR Contact: 06/10/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IL NIPC: Solid Waste Landfill Inventory

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/1988
Date Data Arrived at EDR: 08/01/1994
Date Made Active in Reports: 08/12/1994
Number of Days to Update: 11

Source: Northeastern Illinois Planning Commission
Telephone: 312-454-0400
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/23/2018
Date Data Arrived at EDR: 10/24/2018
Date Made Active in Reports: 11/20/2018
Number of Days to Update: 27

Source: Illinois Environmental Protection Agency
Telephone: 217-524-3300
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3372
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

LUST TRUST: Underground Storage Tank Fund Payment Priority List

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

Date of Government Version: 06/06/2016	Source: Illinois EPA
Date Data Arrived at EDR: 07/27/2016	Telephone: 217-782-6762
Date Made Active in Reports: 10/18/2016	Last EDR Contact: 10/23/2018
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017

Date Data Arrived at EDR: 05/30/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797

Last EDR Contact: 10/10/2018

Next Scheduled EDR Contact: 01/21/2019

Data Release Frequency: Varies

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/23/2018

Date Data Arrived at EDR: 10/24/2018

Date Made Active in Reports: 11/16/2018

Number of Days to Update: 23

Source: Illinois State Fire Marshal

Telephone: 217-785-0969

Last EDR Contact: 10/24/2018

Next Scheduled EDR Contact: 02/04/2019

Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

Listing of all aboveground tanks inspected by Office of State Fire Marshal.

Date of Government Version: 07/02/2018

Date Data Arrived at EDR: 08/22/2018

Date Made Active in Reports: 09/11/2018

Number of Days to Update: 20

Source: State Fire Marshal

Telephone: 217-785-1011

Last EDR Contact: 11/15/2018

Next Scheduled EDR Contact: 03/04/2019

Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018

Date Data Arrived at EDR: 05/18/2018

Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 10/26/2018

Next Scheduled EDR Contact: 02/04/2019

Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018

Date Data Arrived at EDR: 05/18/2018

Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 9

Telephone: 415-972-3368

Last EDR Contact: 10/26/2018

Next Scheduled EDR Contact: 02/04/2019

Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018

Date Data Arrived at EDR: 05/18/2018

Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA, Region 1

Telephone: 617-918-1313

Last EDR Contact: 10/26/2018

Next Scheduled EDR Contact: 02/04/2019

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

CHICAGO TANKS: CDPH Storage Tanks Listing

This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the Department of Public Health's (CDPH) Tank Asset Database. The Tank Asset Database contains tank information from CDPH AST and UST permit applications as well as UST records imported from the historic Department of Environment (DOE) database. This dataset also includes AST records from the historic DOE and pre-1992 UST records from the Building Department.

Date of Government Version: 09/12/2018	Source: Department of Public Health
Date Data Arrived at EDR: 09/18/2018	Telephone: 312-747-2374
Date Made Active in Reports: 10/11/2018	Last EDR Contact: 09/18/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls

Sites using of engineered barriers (e.g., asphalt or concrete paving).

Date of Government Version: 10/02/2018

Date Data Arrived at EDR: 10/03/2018

Date Made Active in Reports: 10/11/2018

Number of Days to Update: 8

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6761

Last EDR Contact: 10/03/2018

Next Scheduled EDR Contact: 01/14/2019

Data Release Frequency: Quarterly

Inst Control: Institutional Controls

Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

Date of Government Version: 10/02/2018

Date Data Arrived at EDR: 10/03/2018

Date Made Active in Reports: 10/11/2018

Number of Days to Update: 8

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6761

Last EDR Contact: 10/03/2018

Next Scheduled EDR Contact: 01/14/2019

Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008

Date Data Arrived at EDR: 04/22/2008

Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7

Telephone: 913-551-7365

Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

SRP: Site Remediation Program Database

The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 10/02/2018

Date Data Arrived at EDR: 10/03/2018

Date Made Active in Reports: 10/11/2018

Number of Days to Update: 8

Source: Illinois Environmental Protection Agency

Telephone: 217-785-9407

Last EDR Contact: 10/03/2018

Next Scheduled EDR Contact: 01/14/2019

Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015

Date Data Arrived at EDR: 09/29/2015

Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1

Telephone: 617-918-1102

Last EDR Contact: 09/24/2018

Next Scheduled EDR Contact: 01/07/2019

Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions

The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of \$240,000 each to municipalities to assist in site investigation activities, development of cleanup objectives, and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 07/31/2014
Date Made Active in Reports: 09/08/2014
Number of Days to Update: 39

Source: Illinois Environmental Protection Agency
Telephone: 217-785-3486
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2049
Data Release Frequency: Varies

BROWNFIELDS: Redevelopment Assessment Database

The Office of Site Evaluations Redevelopment Assessment database identifies the status of all properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a municipal Brownfield Redevelopment Assessment.

Date of Government Version: 10/23/2018
Date Data Arrived at EDR: 10/24/2018
Date Made Active in Reports: 11/15/2018
Number of Days to Update: 22

Source: Illinois Environmental Protection Agency
Telephone: 217-524-1658
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/18/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/02/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

CDL: Meth Drug Lab Site Listing

A listing of clandestine/meth drug lab locations.

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/15/2018
Number of Days to Update: 30

Source: Department of Public Health
Telephone: 217-782-5750
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

SPILLS: State spills

A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 09/12/2018	Source: Illinois EPA
Date Data Arrived at EDR: 11/01/2018	Telephone: 217-782-3637
Date Made Active in Reports: 11/16/2018	Last EDR Contact: 10/05/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Semi-Annually

IEMA SPILLS: Illinois Emergency Management Agency Spills

A listing of hazardous materials incidents reported to the Illinois Emergency Management Agency.

Date of Government Version: 10/29/2018	Source: Illinois Emergency Management Agency
Date Data Arrived at EDR: 10/31/2018	Telephone: 217-524-0770
Date Made Active in Reports: 11/20/2018	Last EDR Contact: 10/31/2018
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/11/2019
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 07/18/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/15/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 71	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/31/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/09/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 36

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/11/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/11/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/07/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/04/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/03/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/03/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/07/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 30

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

AIRS: Air Inventory Listing

A listing of air permits and emissions information.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 15

Source: Illinois EPA
Telephone: 217-557-0314
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ASBESTOS: ASBESTOS

A listing of asbestos abatement & demolition project site locations in the state.

Date of Government Version: 10/01/2018	Source: Illinois EPA
Date Data Arrived at EDR: 11/01/2018	Telephone: 217-558-5101
Date Made Active in Reports: 11/20/2018	Last EDR Contact: 10/01/2018
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Varies

BOL: Bureau of Land Inventory Database

Bureau of Land inventory for facility information. Data results are cross-linked with all on-line database system applications from IEPA - Bureau of Land as well as USEPA FRS database.

Date of Government Version: 09/10/2018	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 09/14/2018	Telephone: 217-785-9407
Date Made Active in Reports: 11/01/2018	Last EDR Contact: 08/27/2018
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

CHICAGO ENV: Environmental Records Dataset

This dataset serves as a lookup table to determine if environmental records exist in a Chicago Department of Public Health (CDPH) environmental dataset for a given address. COMPLAINTS: A "Y" indicates that one or more records exist in the CDPH Environmental Complaints dataset. NESHAPS and DEMOLITION NOTICES: A "Y" indicates that one or more records exist in the CDPH Asbestos and Demolition Notification dataset. ENFORCEMENT: A "Y" indicates that one or more records exist in the CDPH Environmental Enforcement dataset. INSPECTIONS: A "Y" indicates that one or more records exist in the CDPH Environmental Inspections dataset. PERMITS: A "Y" indicates that one or more records exist in the CDPH Environmental Permits dataset. TANKS: A "Y" indicates that one or more records exist in the CDPH Storage Tanks dataset.

Date of Government Version: 09/12/2018	Source: Chicago Department of Public Health
Date Data Arrived at EDR: 09/18/2018	Telephone: 312-745-3136
Date Made Active in Reports: 10/11/2018	Last EDR Contact: 09/18/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Varies

COAL ASH: Coal Ash Site Listing

A listing of coal ash site locations.

Date of Government Version: 10/01/2011	Source: Illinois EPA
Date Data Arrived at EDR: 03/09/2012	Telephone: 217-782-1654
Date Made Active in Reports: 04/10/2012	Last EDR Contact: 08/31/2018
Number of Days to Update: 32	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Annually

DRYCLEANERS: Illinois Licensed Drycleaners

Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

Date of Government Version: 08/19/2018	Source: Drycleaner Environmental Response Trust Fund of Illinois
Date Data Arrived at EDR: 08/21/2018	Telephone: 800-765-4041
Date Made Active in Reports: 09/11/2018	Last EDR Contact: 11/19/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/2017
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 03/12/2018
Number of Days to Update: 18

Source: Illinois Environmental Protection Agency
Telephone: 217-782-9887
Last EDR Contact: 11/15/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: No Update Planned

HWAR: Hazard Waste Annual Report

Each year, Illinois hazardous-waste generators tell the Illinois EPA the amounts and kinds of hazardous waste they produced during the previous year. Generators indicate by code the types of wastes produced and the steps they took to manage these wastes. If some or all of these wastes were sent to commercial treatment, storage, and disposal facilities (TSDFs), that information and the identity of each receiving facility also are submitted. Illinois TSDFs likewise report the types and quantities of wastes received from in-state and out-of-state generators; they also report the procedures they used to manage these wastes.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 05/22/2018
Number of Days to Update: 49

Source: Illinois EPA
Telephone: 217-524-3300
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

IMPDMENT: Surface Impoundment Inventory

Statewide inventory of industrial, municipal, mining, oil & gas, and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/1980
Date Data Arrived at EDR: 03/08/2002
Date Made Active in Reports: 06/03/2002
Number of Days to Update: 87

Source: Illinois Waste Management & Research Center
Telephone: 217-333-8940
Last EDR Contact: 02/20/2002
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: A Listing of Active Permits

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 04/16/2014
Date Data Arrived at EDR: 04/18/2014
Date Made Active in Reports: 05/20/2014
Number of Days to Update: 32

Source: Illinois EPA
Telephone: 217-782-0610
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

PIMW: Potentially Infectious Medical Waste

Potentially Infectious Medical Waste (PIMW) is waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 21

Source: Illinois EPA
Telephone: 217-524-3289
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 32

Source: Illinois Emergency Management Agency
Telephone: 217-785-9860
Last EDR Contact: 11/12/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: Underground Injection Wells

Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 06/25/2018

Date Data Arrived at EDR: 09/04/2018

Date Made Active in Reports: 09/11/2018

Number of Days to Update: 7

Source: Illinois EPA

Telephone: 217-782-9878

Last EDR Contact: 11/15/2018

Next Scheduled EDR Contact: 03/04/2019

Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Illinois.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: N/A	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: N/A	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2018	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/10/2018	Telephone: 860-424-3375
Date Made Active in Reports: 09/10/2018	Last EDR Contact: 11/14/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/13/2018	Telephone: N/A
Date Made Active in Reports: 08/01/2018	Last EDR Contact: 10/09/2018
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 08/01/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/31/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Homes & Centers Listing

Source: Department of Children & Family Services

Telephone: 312-814-4150

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Illinois State Geological Survey

Telephone: 217-333-4747

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PROPOSED HANCOCK REPLACEMENT H.S.
W 65TH ST & S LONG AVE
CHICAGO, IL 60638

TARGET PROPERTY COORDINATES

Latitude (North):	41.77494 - 41° 46' 29.78"
Longitude (West):	87.757959 - 87° 45' 28.65"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	437005.0
UTM Y (Meters):	4624853.0
Elevation:	615 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5680669 BERWYN, IL
Version Date:	2012
Northeast Map:	5681448 ENGLEWOOD, IL
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

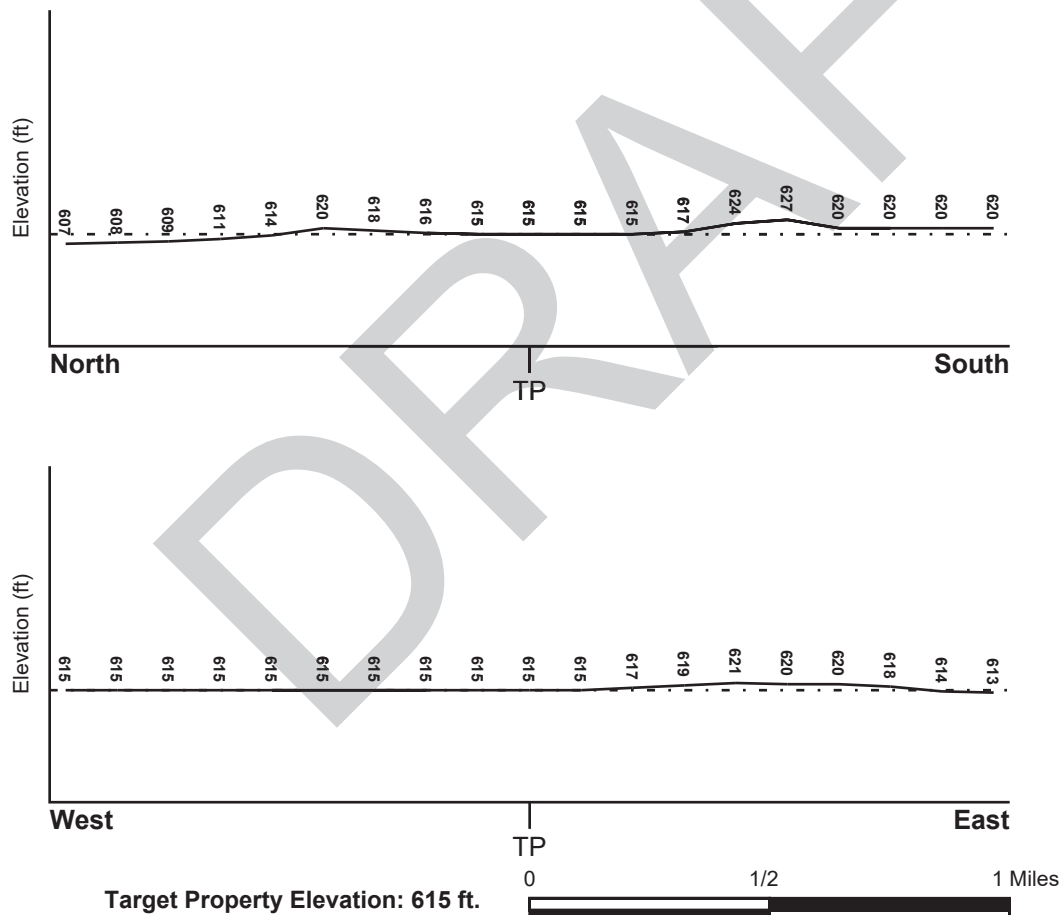
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property

NO PANEL ID

Additional Panels in search area:

1700740085B
17031C0492J
1700740080B

FEMA Source Type

FEMA Q3 Flood data

FEMA Source Type

FEMA Q3 Flood data
FEMA FIRM Flood data
FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
BERWYN

NWI Electronic
Data Coverage

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
10	1/2 - 1 Mile ESE	Not Reported
13	1/2 - 1 Mile West	Westerly
15	1/2 - 1 Mile North	Not Reported
17	1/2 - 1 Mile ESE	Undetermind
C18	1/2 - 1 Mile WSW	Not Reported
C19	1/2 - 1 Mile WSW	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1G	1/2 - 1 Mile North	Not Reported
2G	1/2 - 1 Mile West	Westerly
3G	1/2 - 1 Mile WSW	Not Reported
4G	1/2 - 1 Mile WSW	Not Reported
5G	1/2 - 1 Mile ESE	Not Reported
6G	1/2 - 1 Mile ESE	Undetermind

For additional site information, refer to Physical Setting Source Map Findings.

DRAFT

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Silurian
Series: Middle Silurian (Niagoaran)
Code: S2 (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
fine sandy loam
loam
fine sand

Surficial Soil Types: silt loam
fine sandy loam
loam
fine sand

Shallow Soil Types: sandy loam

Deeper Soil Types: silt loam
sand
loamy sand
loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
---------------	----------------	-------------------------

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000299146	1/8 - 1/4 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

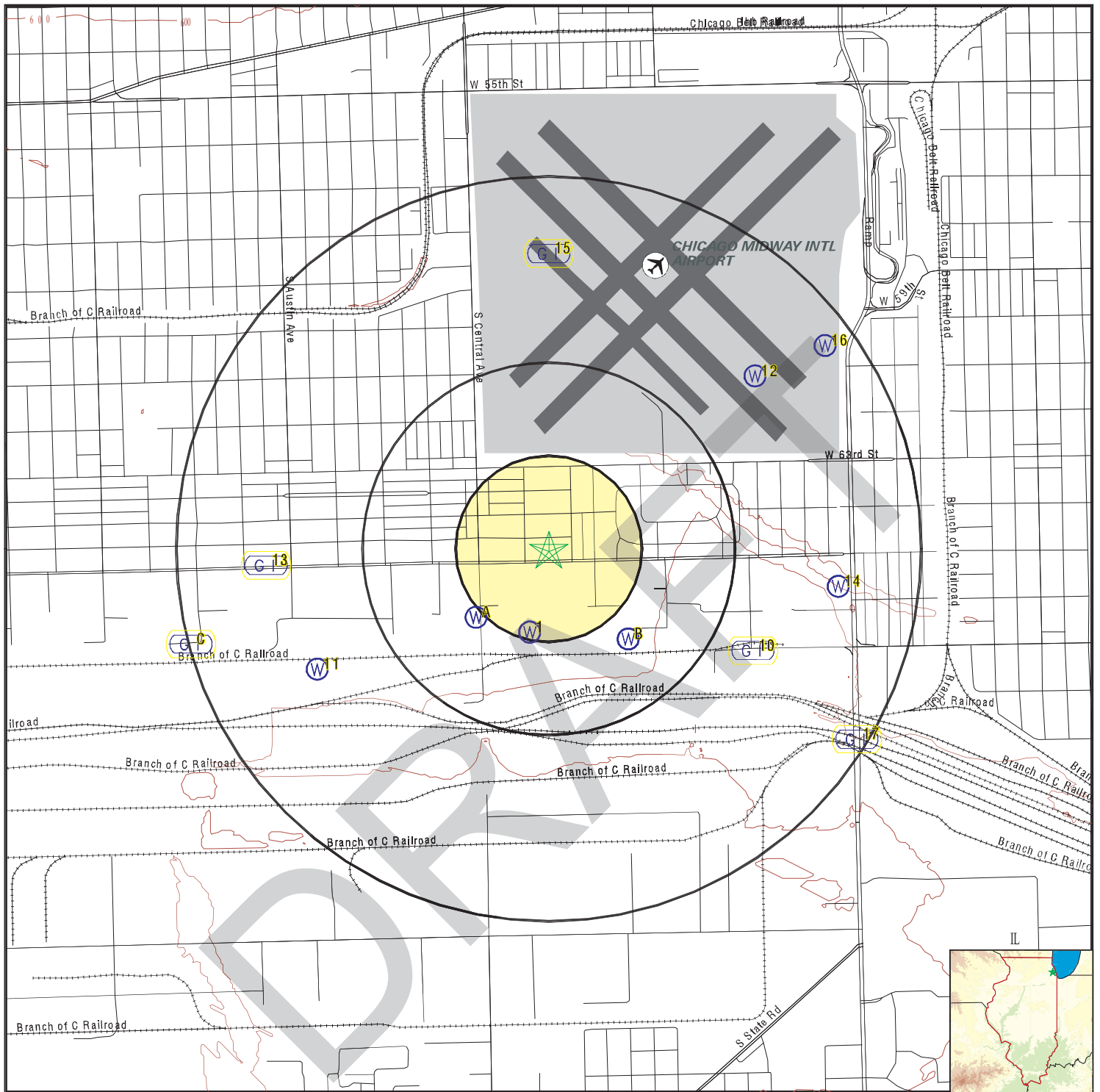
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	ILPW6514	1/4 - 1/2 Mile SW
A3	ILPW6515	1/4 - 1/2 Mile SW
B4	ILPW6513	1/4 - 1/2 Mile SE
B5	ILPW6509	1/4 - 1/2 Mile SE
B6	ILPW6508	1/4 - 1/2 Mile SE
B7	ILPW6510	1/4 - 1/2 Mile SE
B8	ILPW6511	1/4 - 1/2 Mile SE
B9	ILPW6512	1/4 - 1/2 Mile SE
11	ILPW6505	1/2 - 1 Mile WSW
12	ILPW6483	1/2 - 1 Mile NE
14	ILSG30000035290	1/2 - 1 Mile East
16	ILSG30000044008	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 5492075.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data

SITE NAME: Proposed Hancock Replacement H.S.
 ADDRESS: W 65th St & S Long Ave
 Chicago IL 60638
 LAT/LONG: 41.77494 / 87.757959

CLIENT: GSG Environmental Group, LLC.
 CONTACT: Nils Clausen
 INQUIRY #: 5492075.2s
 DATE: November 21, 2018 2:02 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

SSW

1/8 - 1/4 Mile
Higher

FED USGS

USGS40000299146

Organization ID: USGS-IL
Monitor Location: 38N13E-21.7g1
Description: Not Reported
Drainage Area: Not Reported
Contrib Drainage Area: Not Reported
Aquifer: Not Reported
Aquifer Type: Not Reported
Well Depth: 1640
Well Hole Depth: Not Reported

Organization Name: USGS Illinois Water Science Center
Type: Well
HUC: 07120004
Drainage Area Units: Not Reported
Contrib Drainage Area Units: Not Reported
Formation Type: Not Reported
Construction Date: 19010101
Well Depth Units: ft
Well Hole Depth Units: Not Reported

A2

SW

1/4 - 1/2 Mile
Higher

IL WELLS

ILPW6514

Database: Illinois Private Well Database and PICS
Well ID: 6514
Owner: CONTINENTAL CAN CO
Date drilled: 05/00/1936
Depth: 1510
Well Use: IN
Aquifer type: Bedrock

2nd ID: Not Reported
Driller: J P MILLER
Permit: Not Reported
Record type: OGC
Well Type: Not Reported

A3

SW

1/4 - 1/2 Mile
Higher

IL WELLS

ILPW6515

Database: Illinois Private Well Database and PICS
Well ID: 6515
Owner: CRACKER JACK CO #1
Date drilled: 00/00/1930
Depth: 400
Well Use: IN
Aquifer type: Bedrock

2nd ID: Not Reported
Driller: Not Reported
Permit: Not Reported
Record type: O
Well Type: Not Reported

B4

SE

1/4 - 1/2 Mile
Higher

IL WELLS

ILPW6513

Database: Illinois Private Well Database and PICS
Well ID: 6513
Owner: CAND W I R R #3
Date drilled: 00/00/1901
Depth: 1611
Well Use: IN
Aquifer type: --

2nd ID: Not Reported
Driller: Not Reported
Permit: Not Reported
Record type: O
Well Type: --

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B5
SE
1/4 - 1/2 Mile
Higher

IL WELLS ILPW6509

Database: Illinois Private Well Database and PICS
Well ID: 6509
Owner: CHICAGO & WESTERN INDIANA (CLE
Date drilled: 00/00/1912
Depth: 1605
Well Use: IN
Aquifer type: Bedrock

2nd ID: Not Reported
Driller: Not Reported
Permit: Not Reported
Record type: O
Well Type: Not Reported

B6
SE
1/4 - 1/2 Mile
Higher

IL WELLS ILPW6508

Database: Illinois Private Well Database and PICS
Well ID: 6508
Owner: ATHEY PRODUCTS CORP
Date drilled: 00/00/1944
Depth: 408
Well Use: IN
Aquifer type: Bedrock

2nd ID: Not Reported
Driller: GEIGER
Permit: Not Reported
Record type: I
Well Type: Not Reported

B7
SE
1/4 - 1/2 Mile
Higher

IL WELLS ILPW6510

Database: Illinois Private Well Database and PICS
Well ID: 6510
Owner: CHICAGO & WESTERN INDIANA RR #
Date drilled: 00/00/1901
Depth: 1554
Well Use: IN
Aquifer type: Bedrock

2nd ID: Not Reported
Driller: Not Reported
Permit: Not Reported
Record type: O
Well Type: Not Reported

B8
SE
1/4 - 1/2 Mile
Higher

IL WELLS ILPW6511

Database: Illinois Private Well Database and PICS
Well ID: 6511
Owner: CHICAGO & WESTERN INDIANA RR #
Date drilled: 00/00/1901
Depth: 1584
Well Use: IN
Aquifer type: Bedrock

2nd ID: Not Reported
Driller: Not Reported
Permit: Not Reported
Record type: X O
Well Type: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B9
SE
1/4 - 1/2 Mile
Higher

IL WELLS ILPW6512

Database: Illinois Private Well Database and PICS
Well ID: 6512
Owner: CHICAGO & WESTERN INDIANA RR #
Date drilled: 00/00/1901
Depth: 1640
Well Use: IN
Aquifer type: Bedrock

2nd ID: Not Reported
Driller: Not Reported
Permit: Not Reported
Record type: O
Well Type: Not Reported

10
ESE
1/2 - 1 Mile
Higher

Site ID: 1000247335
Groundwater Flow: Not Reported
Deep Water Depth: 10.69
Average Water Depth: Not Reported
Shallow Water Depth: 2.33
Current Deep Depth: 4.08
Current Average Depth: Not Reported
Current Shallow Depth: 2.94
Date: 1/30/1997

AQUIFLOW 25712

11
WSW
1/2 - 1 Mile
Higher

IL WELLS ILPW6505

Database: Illinois Private Well Database and PICS
Well ID: 6505
Owner: MITCHEL PONCHIEK
Date drilled: 00/00/1942
Depth: 129
Well Use: Domestic
Aquifer type: Bedrock

2nd ID: Not Reported
Driller: MACAULEY
Permit: Not Reported
Record type: RG
Well Type: Not Reported

12
NE
1/2 - 1 Mile
Lower

IL WELLS ILPW6483

Database: Illinois Private Well Database and PICS
Well ID: 6483
Owner: UNITED AIRLINE MUN AIRPORT
Date drilled: 08/00/1946
Depth: 410
Well Use: Commerical
Aquifer type: Bedrock

2nd ID: Not Reported
Driller: GEIGER
Permit: Not Reported
Record type: OGC
Well Type: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

13
West
1/2 - 1 Mile
Higher

Site ID: S102944004
Groundwater Flow: Westerly
Deep Water Depth: Not Reported
Average Water Depth: Not Reported
Shallow Water Depth: Not Reported
Current Deep Depth: Not Reported
Current Average Depth: Not Reported
Current Shallow Depth: Not Reported
Date: 9/17/1997

AQUIFLOW 25726

14
East
1/2 - 1 Mile
Higher

IL WELLS ILSG30000035290

Database: Water Well Records
IL State Water Survey P #: 0
Well Name: Cracker Jack Co
Driller: Geiger, S. B. & Son
Elevation: 622
Total Depth: 1500
Top of Formation (ft): 0
Pump Flow (gal/min): 0

API #: 120310266300
Status: Water Well
Well: Not Reported
Date Drilled: 1940 1 1
Elevation Reference: Ground level
Lithologic Formation: Not Reported
Bottom of Formation (ft): 0

15
North
1/2 - 1 Mile
Lower

Site ID: S100052294
Groundwater Flow: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 16
Shallow Water Depth: Not Reported
Current Deep Depth: Not Reported
Current Average Depth: 16
Current Shallow Depth: Not Reported
Date: 04/24/95

AQUIFLOW 24840

16
NE
1/2 - 1 Mile
Lower

IL WELLS ILSG30000044008

Database: Water Well Records
IL State Water Survey P #: 0
Well Name: Chicago Expressway
Driller: Westenhoff & Novick, Inc
Elevation: 0
Total Depth: 72
Top of Formation (ft): 0
Pump Flow (gal/min): 0

API #: 120313258400
Status: Engineering Test
Well: 3-5A
Date Drilled: 1970 2 1
Elevation Reference: Not Reported
Lithologic Formation: Not Reported
Bottom of Formation (ft): 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

17 ESE 1/2 - 1 Mile Higher	Site ID:	1000383878	AQUIFLOW	27349
	Groundwater Flow:	Undetermind		
	Deep Water Depth:	16		
	Average Water Depth:	Not Reported		
	Shallow Water Depth:	8.6		
	Current Deep Depth:	Not Reported		
	Current Average Depth:	7		
	Current Shallow Depth:	Not Reported		
	Date:	10/11/1995		
C18 WSW 1/2 - 1 Mile Higher	Site ID:	S102620088	AQUIFLOW	56578
	Groundwater Flow:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	5		
	Shallow Water Depth:	Not Reported		
	Current Deep Depth:	Not Reported		
	Current Average Depth:	5		
	Current Shallow Depth:	Not Reported		
	Date:	07/01/1992		
C19 WSW 1/2 - 1 Mile Higher	Site ID:	S102943504	AQUIFLOW	27129
	Groundwater Flow:	Not Reported		
	Deep Water Depth:	3.90		
	Average Water Depth:	Not Reported		
	Shallow Water Depth:	2.90		
	Current Deep Depth:	3.90		
	Current Average Depth:	Not Reported		
	Current Shallow Depth:	2.90		
	Date:	05/30/1995		
1G North 1/2 - 1 Mile Lower	Site ID:	S100052294	AQUIFLOW	24840
	Groundwater Flow:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	16		
	Shallow Water Depth:	Not Reported		
	Current Deep Depth:	Not Reported		
	Current Average Depth:	16		
	Current Shallow Depth:	Not Reported		
	Date:	04/24/95		
2G West 1/2 - 1 Mile Lower	Site ID:	S102944004	AQUIFLOW	25726
	Groundwater Flow:	Westerly		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Current Deep Depth:	Not Reported		
	Current Average Depth:	Not Reported		
	Current Shallow Depth:	Not Reported		
	Date:	9/17/1997		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

3G
WSW
1/2 - 1 Mile
Lower

Site ID: S102620088
Groundwater Flow: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 5
Shallow Water Depth: Not Reported
Current Deep Depth: Not Reported
Current Average Depth: 5
Current Shallow Depth: Not Reported
Date: 07/01/1992

AQUIFLOW 56578

4G
WSW
1/2 - 1 Mile
Lower

Site ID: S102943504
Groundwater Flow: Not Reported
Deep Water Depth: 3.90
Average Water Depth: Not Reported
Shallow Water Depth: 2.90
Current Deep Depth: 3.90
Current Average Depth: Not Reported
Current Shallow Depth: 2.90
Date: 05/30/1995

AQUIFLOW 27129

5G
ESE
1/2 - 1 Mile
Lower

Site ID: 1000247335
Groundwater Flow: Not Reported
Deep Water Depth: 10.69
Average Water Depth: Not Reported
Shallow Water Depth: 2.33
Current Deep Depth: 4.08
Current Average Depth: Not Reported
Current Shallow Depth: 2.94
Date: 1/30/1997

AQUIFLOW 25712

6G
ESE
1/2 - 1 Mile
Lower

Site ID: 1000383878
Groundwater Flow: Undetermind
Deep Water Depth: 16
Average Water Depth: Not Reported
Shallow Water Depth: 8.6
Current Deep Depth: Not Reported
Current Average Depth: 7
Current Shallow Depth: Not Reported
Date: 10/11/1995

AQUIFLOW 27349

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for COOK County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 60638

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.400 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Illinois State Geological Survey

Telephone: 217-333-4747

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Records

Source: Illinois Geological Survey

Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)

Source: Illinois State Water Survey

Telephone: 217-333-9043

Water Well Location Information

Source: Illinois Environmental Protection Agency

Telephone: 217-782-0810

OTHER STATE DATABASE INFORMATION

RADON

State Database: IL Radon

Source: Department of Nuclear Safety

Telephone: 217-785-9958

County Radon Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

DRAFT

APPENDIX F

FOIA Requests/Responses/Documents Reviewed

DRAFT

Brigid Murphy

From: admin@foiaonline.gov
Sent: Thursday, November 29, 2018 12:18 PM
To: Brigid Murphy
Subject: FOIA Request EPA-R5-2019-001729 Submitted

This message is to confirm your request submission to the FOIAonline application: [View Request](#). Request information is as follows:

- Tracking Number: EPA-R5-2019-001729
- Requester Name: Brigid Murphy
- Date Submitted: 11/29/2018
- Request Status: Submitted
- Description: Please provide any environmental information regarding LUST, USTs, SRPS, Auto Repair Stations and etc. for the properties located at these addresses: 6429-6459 South Linder Avenue, 6430-6470 South Long Avenue, 5400-5500 West 64th Place and 5400-5500 West 65th Street all located in Chicago, IL 60638

Brigid Murphy

From: no-reply@foiaonline.gov
Sent: Thursday, November 29, 2018 1:05 PM
To: Brigid Murphy
Subject: Multiple programs assigned

Pursuant to 40 C.F.R. § 2.104(d), it is necessary to extend the due date for our response by 10 working days because of the need to search for and collect the requested records from multiple EPA offices that are separate from the office processing the request. If you would like to modify or narrow your request so that it may be processed sooner, please reply. Additionally, you may seek assistance from EPA's FOIA Public Liaison at hq.foia@epa.gov or (202) 566-1667, or you may seek dispute resolution services from the Office of Government Information Services (OGIS). You may contact OGIS in any of the following ways: by mail, Office of Government Information Services, National Archives and Records Administration, Room 2510, 8610 Adelphi Road, College Park, MD 20740-6001; email, ogis@nara.gov; telephone, (202) 741-5770 or (877) 684-6448; or fax, (202) 741-5769.

- **You are here:** [EPA Home](#)
- [Envirofacts](#)
- [Multisystem](#)
- Search Results

Search Results

[Home](#)

[Multisystem Search](#)

[Topic Searches](#)

[System Data Searches](#)

[About the Data](#)

[Data Downloads](#)

[Widgets](#)

[Services](#)

[Mobile](#)

[Other Datasets](#)

Multisystem Links

- [EF Overview](#)
- [Search](#)
- [Model](#)
- [Contact Us](#)

CONTINENTAL CAN CO
5401 WEST 65TH STREET
CHICAGO, IL 60638-5637



**You can navigate within the map with your mouse.*

EPA Facility Information

This query was executed on NOV-28-2018

AFS Information

<u>Operating Status:</u>	X	<u>HPV Flag:</u>	
<u>Operating Status Description:</u>	PERMANENTLY CLOSED	<u>State Registration Number:</u>	031012AAY
<u>State County Compliance Source:</u>	1703104646	<u>Government Facility Code Description:</u>	PRIVATELY OWNED/OPERATED
<u>Region Code:</u>	05	<u>Class Code:</u>	B
<u>Primary SIC Code:</u>	3411	<u>Class Code Description:</u>	POTENTIAL UNCONTROLLED EM
<u>Primary SIC Description:</u>	METAL CANS	<u>Compliance Status:</u>	0
<u>NAICS Code:</u>	339999	<u>Compliance Status Description:</u>	UNKNOWN COMPLIANCE STATUS
<u>NAICS Code Description:</u>	All Other Miscellaneous Manufacturing	<u>Date Plant Information Last Updated:</u>	05/16/2014

Air Program Information

<u>Air Program Code</u>	<u>Air Program Description</u>	<u>Air Program Status</u>	<u>Air Program Status Description</u>	<u>Air Program Subpart</u>	<u>Air Program Subpart Description</u>	<u>Class Code</u>	<u>Class Code Description</u>	<u>Compliance Status</u>	<u>Compliance Status Description</u>
0	SIP	X	PERMANENTLY CLOSED			B	POTENTIAL UNCONTROLLED EM	0	UNKNOWN COMPLIANCE STATUS

Pollutant Data

<u>Air Program Code</u>	<u>Pollutant Code / CAS Number</u>	<u>Pollutant / CAS Description</u>	<u>Attain Indicator</u>	<u>Attain Indicator Description</u>	<u>Pollutant Compliance Status</u>	<u>ES Pollutant Compliance Description</u>	<u>Pollutant Class Code</u>	<u>Pollutant Class Description</u>
0	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS			0	UNKNOWN COMPLIANCE STATUS		
0	VOC	VOLATILE ORGANIC COMPOUNDS	F	VOC 8 HOUR MODERATE	9	IN COMPLIANCE - SHUT DOWN	B	POTENTIAL UNCONTROLLED EM

Compliance Monitoring System Plan

<u>CMS Start Date</u>	<u>FY2008 CMS Indicator</u>	<u>FY2008 CMS Indicator Description</u>	<u>FY2009 CMS Indicator</u>	<u>FY2009 CMS Indicator Description</u>

Plant Actions

<u>Action Number</u>	<u>Key Action Numbers</u>	<u>Air Program Codes</u>	<u>National Action Type</u>	<u>National Action Description</u>	<u>Action Type</u>	<u>Action Description</u>	<u>Date Achieved</u>	<u>Penalty Amount</u>	<u>Results Code</u>	<u>Results Code Description</u>	<u>Pollutant Code</u>	<u>Regional Data Element</u>	<u>Regional Data Element 16</u>
00015		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	07-AUG-87						
00014		0	7C	STATE/LOCAL NOV ISSUED	D4	STATE WARNING LETTER	16-OCT-86						
00013		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	13-DEC-85						
00012		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	05-JUN-85						

<u>Action Number</u>	<u>Key Action Numbers</u>	<u>Air Program Codes</u>	<u>National Action Type</u>	<u>National Action Description</u>	<u>Action Type</u>	<u>Action Description</u>	<u>Date Achieved</u>	<u>Penalty Amount</u>	<u>Results Code</u>	<u>Results Code Description</u>	<u>Pollutant Code</u>	<u>Regional Data Element</u>	<u>Regional Data Element 16</u>
00011		0	7C	STATE/LOCAL NOV ISSUED	D4	STATE WARNING LETTER	10-MAY-85						
00010		0	7C	STATE/LOCAL NOV ISSUED	D4	STATE WARNING LETTER	22-APR-85						
00009		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	18-APR-85						
00008		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	09-APR-85						
00007		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	01-DEC-83						
00006		0			21	PERMIT ISSUED	27-APR-83						
00005		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	16-NOV-82						
00004		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	09-MAR-82						
00003		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	06-NOV-81						
00002		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	12-MAR-81						
00001		0	5C	STATE INSPECTION - LEVEL 2 OR GREATER	79	STATE INSPECTION - LEVEL 2 OR GREATER	19-NOV-80						

Additional Information can be obtained from Air Facility System **AFS** Search.

Toxic Releases for Reporting Year 1987

<u>TRI Facility Id</u>	60638SCNCM5401W
------------------------	-----------------

SIC Codes for 1987

<u>SIC CODE</u>	<u>SIC CODE DESCRIPTION</u>
3411	METAL CANS

Chemicals Transferred to other Sites

<u>Chemical Name</u>	<u>TRI Chemical Id</u>	<u>Document Control Number</u>	<u>Total Release</u>	<u>Transfer Basis Est Code</u>	<u>Type Of Waste Management</u>	<u>Off Site Name</u>	<u>City Name</u>
CERTAIN GLYCOL ETHERS	N230	1387010815557	18000		REUSE AS FUEL/FUEL BLENDING	PETROCHEM SERVICES, INC.	LEMONT

Chemicals Released to Air

<u>Chemical Name</u>	<u>TRI Chemical Id</u>	<u>Document Control Number</u>	<u>Total Release</u>	<u>Release Basis Est Code</u>	<u>Environmental Medium</u>
CERTAIN GLYCOL ETHERS	N230	1387010815557	1200		STACK OR POINT EMISSIONS
CERTAIN GLYCOL ETHERS	N230	1387010815557	1300		FUGITIVE OR NON-POINT EMISSIONS
XYLENE (MIXED ISOMERS)	001330207	1387010815544	1063		STACK OR POINT EMISSIONS
XYLENE (MIXED ISOMERS)	001330207	1387010815544	1181		FUGITIVE OR NON-POINT EMISSIONS

Chemicals Released via Underground Injection

There was no data of this type reported for this facility.

Chemicals Released to Land

There was no data of this type reported for this facility.

Chemicals Released to Surface Water

There was no data of this type reported for this facility.

Additional Information can be obtained from the Toxics Release Inventory [TRI Search](#).

Additional links for TRI:

This information resource is not maintained, managed, or owned by the Environmental Protection Agency (EPA) or the Envirofacts Support Team. Neither the EPA nor the Envirofacts Support Team is responsible for their content or site operation. The Envirofacts Warehouse provides this reference only as a convenience to our Internet users.

- National Library of Medicine (NLM) [TOXMAP](#) [Exit Disclaimer](#) .

RCRAInfo

<u>HANDLER ID:</u>	ILD000803718
--------------------	--------------

LIST OF NAICS CODES AND DESCRIPTIONS

<u>NAICS CODE</u>	<u>NAICS DESCRIPTION</u>
332431	METAL CAN MANUFACTURING

HANDLER / FACILITY CLASSIFICATION

<u>HANDLER TYPE</u>	<u>LAND DISPOSAL</u>	<u>INCINERATOR</u>	<u>BOILER AND OR INDUSTRIAL FURNACE</u>	<u>STORAGE</u>	<u>TREATMENT</u>
Permit Progress				Y	

<u>HANDLER TYPE</u>
TSDFs Potentially Subject to Corrective Action Under Discretionary Authority
Subject to CA

LIST OF PROCESS UNIT INFORMATION FOR GROUP 01

<u>PROCESS CODE / DESCRIPTION</u>	<u>LEGAL OPERATING STATUS</u>	<u>UNIT OF MEASUREMENT TYPE / DESCRIPTION</u>	<u>CAPACITY TYPE / DESCRIPTION</u>	<u>QUANTITY</u>	<u>CAPACITY</u>	<u>EFFECTIVE DATE</u>
S01 - CONTAINER	INTERIM STATUS - CLEAN CLOSED	G - GALLONS	-	1	55	05-JAN-89

Additional Information can be obtained from Resource Conservation and Recovery Information **RCRAInfo** Search.



U.S. Environmental Protection Agency
Office of Waste Programs Enforcement
Contract No. 68-W9-0006

**PRELIMINARY ASSESSMENT/
VISUAL SITE INSPECTION**

**FORMER CONTINENTAL CAN U.S.A. PLANT #5
BEDFORD PARK, ILLINOIS
ILD 000 803 718**

FINAL REPORT

TES 9

**Technical Enforcement Support
at Hazardous Waste Sites
Zone III
Regions 5,6, and 7**

PRC

PRC Environmental Management, Inc.



**PRELIMINARY ASSESSMENT/
VISUAL SITE INSPECTION**

**FORMER CONTINENTAL CAN U.S.A. PLANT #5
BEDFORD PARK, ILLINOIS
ILD 000 803 718**

FINAL REPORT

Prepared for

**U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Waste Programs Enforcement
Washington, DC 20460**

Work Assignment No.	:	C05087
EPA Region	:	5
Site No.	:	ILD 000 803 718
Date Prepared	:	March 26, 1993
Contract No.	:	68-W9-0006
PRC No.	:	009-C05087IL4U
Prepared by	:	B&V Waste Science & Technology (Michael E. Monday)
Contractor Project Manager	:	Shin Ahn
Telephone No.	:	(312) 856-8700
EPA Work Assignment Manager	:	Kevin Pierard
Telephone No.	:	(312) 886-4448

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
EXECUTIVE SUMMARY	ES-1
1.0 INTRODUCTION	1
2.0 FACILITY DESCRIPTION	4
2.1 FACILITY LOCATION	4
2.2 FACILITY OPERATIONS	4
2.3 WASTE GENERATION AND MANAGEMENT	6
2.4 HISTORY OF DOCUMENTED RELEASES	10
2.5 REGULATORY HISTORY	10
2.6 ENVIRONMENTAL SETTING	11
2.6.1 Climate	11
2.6.2 Flood Plain and Surface Water	12
2.6.3 Geology and Soils	12
2.6.4 Ground Water	12
2.7 RECEPTORS	13
3.0 SOLID WASTE MANAGEMENT UNITS	15
4.0 AREAS OF CONCERN	17
5.0 CONCLUSIONS AND RECOMMENDATIONS	18
REFERENCES	21

Attachments

- A EPA PRELIMINARY ASSESSMENT FORM 2070-12
- B VISUAL SITE INSPECTION SUMMARY AND PHOTOGRAPHS
- C VISUAL SITE INSPECTION FIELD NOTES

LIST OF TABLES

<u>Table</u>		<u>Page</u>
1	SOLID WASTE MANAGEMENT UNITS	7
2	SOLID WASTES	9
3	SWMU AND AOC SUMMARY	20

LIST OF FIGURES

<u>Figure</u>		<u>Page</u>
1	FACILITY LOCATION	5
2	FACILITY LAYOUT	8

RELEASED
DATE 6/23/08
PIN #
INITIALS CP (MV)

EXECUTIVE SUMMARY

ENFORCEMENT
CONFIDENTIAL

B&V Waste Science and Technology Corp. (BVWST) performed a preliminary assessment and visual site inspection (PA/VSI) to identify and assess the existence and likelihood of releases from solid waste management units (SWMU) and other areas of concern (AOC) at the Former Continental Can U.S.A. Plant #5 (Continental Can) facility in Bedford Park, Cook County, Illinois. This summary highlights the results of the PA/VSI and the potential for releases of hazardous wastes or hazardous constituents from SWMUs and AOCs identified. In addition, a completed U.S. Environmental Protection Agency (EPA) Preliminary Assessment Form (EPA Form 2070-12) is included in Attachment A to assist in prioritization of RCRA facilities for corrective action.

The Continental Can facility produced tin cans and tin can parts. These products were lithographed with colors and organic protectants. Continental Can submitted a Part A permit application for storing hazardous waste in containers on October 31, 1980. The facility generated and managed the following waste streams: spent solvents (F005), aerosol press waste (F003), and obsolete lithographic materials (D001); non-hazardous waste oils, water-based compounds, waste detergent, and concrete pad cleanup waste.

Continental Can began operations at the facility in 1938. In 1978, Continental Can sold the facility to Shetland Properties of Cook County, but continued to lease the eastern portion of the facility. In 1987, Shetland Properties of Cook County sold the facility to the current owners, Bedford Park W65 Associates. Also in 1987, United States Can Company (U.S. Can) succeeded Continental Can and ceased lithographic and manufacturing operations. U.S. Can submitted a closure plan for SWMU 1, to the Illinois Environmental Protection Agency (IEPA), in 1988. The closure plan was approved by the IEPA, and the Former Drum Storage Area (SWMU 1) was RCRA clean closed in 1988. The IEPA approved the withdrawal of U.S. Can's Part A permit application in 1989.

The facility occupies approximately 32 acres in a mixed-use area. The eastern portion of the facility, as shown on the Part A permit application, was inspected during the VSI and occupies 9.3 acres. The western portion of the facility, not shown on the Part A permit application, contains offices and was not inspected during the VSI. The facility is leased to tenants for office, factory, and storage space and does not currently generate or manage hazardous waste.

The PA/VSI identified the following two SWMUs and one AOC at the facility:

Solid Waste Management Units

1. **Former Drum Storage Area**
2. **Satellite Accumulation Area**

RELEASED
DATE 6/23/08
RIN #
INITIALS CMV

Area of Concern

1. **Underground Naphtha Storage Tank**

Access to the facility is controlled by a fence. The building is locked after business hours, but tenants occupy the building 24 hours a day.

The nearest surface water body, the Chicago Sanitary and Ship Canal, is about 2.5 miles north and west of the facility and is primarily used for shipping. Lake Michigan, the closest surface water body used for drinking water purposes, is approximately 10 miles east of the facility.

Ground water is not used for drinking water at or near the facility. The location of the nearest drinking water well is unknown. The nearest well is an industrial well approximately 1.5 miles west of the facility, at the Viskase Corporation. Industrial wells are also used at the Argo Corn Products plant approximately 3 miles west of the facility. It is unknown whether these wells are upgradient or downgradient of the facility. No other wells are known to exist in the area.

No threatened or endangered species exist within 2 miles of the site. Wetlands larger than 2 acres exist to the south and southwest approximately a half mile from the facility.

The potential for release from the SWMUs to ground water, surface water, air, and onsite soil is low. SWMU 1 was RCRA closed and the sampling results submitted to the IEPA were approved. SWMU 2 is inactive and the area is being used by U.S. Can for equipment storage. No evidence of a release from these SWMUs was observed.

The potential for release from AOC I is unknown. During the VSI, leasing agent representatives showed BVWST personnel the area where the tank is said to be, in a courtyard near Section K. U.S. Can representatives were contacted for information about the tank but they were unable to provide any information. No information about the tank was found in IEPA files.

BVWST recommends that further investigation of AOC I be accomplished. Information about the tank's usage, condition, and content needs to be determined. Locating and testing the tank, and possibly sampling the contents and surrounding soil, is needed before conclusions can be drawn about release potential.

DRAFT

RELEASED
DATE 6/23/08
RIN #
INITIALS CL/mv

ENFORCEMENT
CONFIDENTIAL

1.0 INTRODUCTION

PRC Environmental Management, Inc., (PRC) received Work Assignment No. C05087 from the U.S. Environmental Protection Agency (EPA) under Contract No. 68-W9-0006 (TES 9) to conduct preliminary assessments (PA) and visual site inspections (VSI) of hazardous waste treatment and storage facilities in Region 5. As a team member with PRC under the TES 9 contract, B&V Waste Science and Technology Corp. (BVWST) conducted the PA/VSI for the Former Continental Can U.S.A. Plant #5 (Continental Can) facility.

As part of the EPA Region 5 Environmental Priorities Initiative, the RCRA and CERCLA programs are working together to identify and address RCRA facilities that have a high priority for corrective action using applicable RCRA and CERCLA authorities. The PA/VSI is the first step in the process of prioritizing facilities for corrective action. Through the PA/VSI process, enough information is obtained to characterize a facility's actual or potential releases to the environment from solid waste management units (SWMU) and areas of concern (AOC).

A SWMU is defined as any discernible unit at a RCRA facility in which solid wastes have been placed and from which hazardous constituents might migrate, regardless of whether the unit was intended to manage solid or hazardous waste.

The SWMU definition includes the following:

- RCRA-regulated units, such as container storage areas, tanks, surface impoundments, waste piles, land treatment units, landfills, incinerators, and underground injection wells.
- Closed and abandoned units.
- Recycling units, wastewater treatment units, and other units that EPA has generally exempted from standards applicable to hazardous waste management units.
- Areas contaminated by routine and systematic releases of wastes or hazardous constituents. Such areas might include a wood preservative drippage area, a loading-unloading area, or an area where solvent used to wash large parts has continually dripped onto soils.

An AOC is defined as any area where a release to the environment of hazardous waste or constituents has occurred or is suspected to have occurred on a nonroutine and nonsystematic

basis. This includes any area where such a release in the future is judged to be a strong possibility.

The purpose of the PA is as follows:

- Identify SWMUs and AOCs at the facility.
- Obtain information on the operational history of the facility.
- Obtain information on releases from any units at the facility.
- Identify data gaps and other informational needs to be filled during the VSI.

The PA generally includes review of all relevant documents and files located at state offices and at the EPA Region 5 office in Chicago.

The purpose of the VSI is as follows:

- Identify SWMUs and AOCs not discovered during the PA.
- Identify releases not discovered during the PA.
- Provide a specific description of the environmental setting.
- Provide information on release pathways and the potential for releases to each medium.
- Confirm information obtained during the PA regarding operations, SWMUs, AOCs, and releases.

The VSI includes interviewing appropriate facility staff, inspecting the entire facility to identify all SWMUs and AOCs, photographing all visible SWMUs, identifying evidence of releases, initially identifying potential sampling parameters and locations, if needed, and obtaining all information necessary to complete the PA/VSI report.

This report documents the results of a PA/VSI of the Former Continental Can U.S.A. Plant #5 facility (Continental Can), (EPA Identification Number ILD 000 803 718) Bedford Park, Cook County, Illinois. The PA was completed on June 29, 1992. BVWST gathered and reviewed information from the Illinois Environmental Protection Agency (IEPA), EPA Region 5 RCRA

files, the Federal Emergency Management Agency (FEMA), U.S. Fish and Wildlife Service National Wetland Inventory Maps, U.S. Geological Survey (USGS) topographical maps, U.S. Department of Agriculture Soil Survey, Illinois Natural Heritage Data Base, and published geologic reports of the Illinois State Geological Survey. The VSI was conducted on June 30, 1992. It included interviews with leasing agent representatives and a walk-through inspection of the facility. Two SWMUs and one AOC were identified at the facility.

BVWST completed EPA Form 2070-12 using information gathered during the PA/VSI. This form is included in Attachment A. The VSI is summarized and four inspection photographs are included in Attachment B. Field notes from the VSI are included in Attachment C.

2.0 FACILITY DESCRIPTION

This section describes the facility's location, past and present operations, waste generating processes and waste management practices, history of documented releases, regulatory history, environmental setting, and receptors.

2.1 FACILITY LOCATION

The facility is located at 5401 West 65th Street, Bedford Park, Cook County, Illinois (latitude 41°46'28"N and longitude 87°45'30"W) as shown on Figure 1. The facility occupies approximately 32 acres in a mixed-use area. The eastern portion of the facility, as shown on the Part A permit application, occupies 9.3 acres.

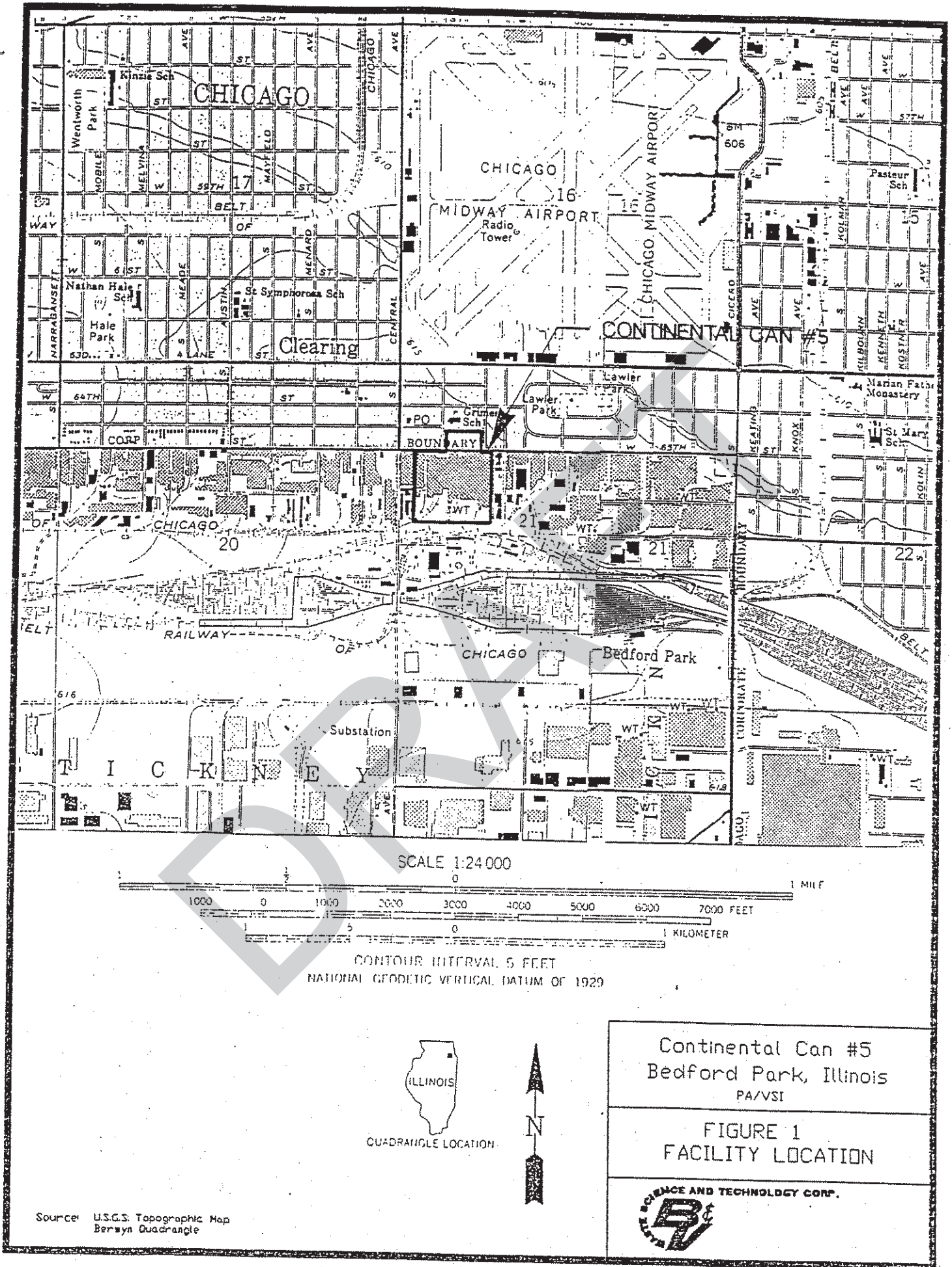
The facility is bordered on the north by 65th Street, the facility parking lot, a residential area, and Grimes Elementary School; on the west by Roof Mart, the Bedford Park Fire Department, and Bedford Park Lumber; on the south by the Belt Railroad of Chicago; and on the east by Barton Chemical.

2.2 FACILITY OPERATIONS

The facility is a brick building with concrete floors thought to have been built in the 1920s. Additions built onto the facility have alphabetical identifiers. The western portion of the facility (Sections A through I) is a multistory unit consisting of office space. The eastern portion of the facility (Sections J through N) is a single story unit consisting of factory and office space. The main parking lot for the facility is located north of 65th Street.

Continental Can produced tin cans and tin can parts at the facility. Tin, shipped to the facility in large coils, was cut into 30-inch square sheets and lithographed. The lithography lines coated the tin with colors and organic protectants. Coated tin was sent to a kiln for curing. The kiln reportedly used an afterburner system to burn off gases from the curing process. Solid wastes generated from facility operations and the SWMUs where they were managed are discussed in Section 2.3.

Raw materials used during the manufacturing process included paints, enamels, varnishes, naphtha, solvents, machine oil, and tin. Paints, enamels, and varnishes were stored in above



ground product tanks near Section N, drummed solvents were stored in drum storage rooms. Naphtha was reportedly stored in an underground tank near Section K. Drummed machine oil is thought to have been stored in a Section J storage room, and tin was thought to have been stored in Section K.

The facility began operations in 1938 and was owned by Continental Can. Continental Can sold the property in 1978 to Shetland Properties of Cook County. However, Continental Can leased the eastern portion of the facility and continued operating. In 1987, the facility was sold to the current owners, Bedford Park W65 Associates. Also in 1987, United States Can Company (U.S. Can) succeeded Continental Can, ceased lithographic operations, but continued to lease the eastern portion of the facility for equipment storage.

The facility, owned by Bedford Park W65 Associates, is leased to tenants. The eastern portion of the facility, as shown on the Part A permit application, was inspected during the VSI. This portion had three main tenants: U.S. Can, Glass Tempering of Chicago, and Groko Pallets North American Inc.. U.S. Can leases Section N of the facility and uses the space for machine storage. Glass Tempering of Chicago, a warehouse and distribution center of mirror products, leases Section M for storing and boxing mirrors. Groko Pallets North America, Inc., leases the K extension for fabricating metal pallets. None of the tenants had EPA identification numbers or appeared to generate hazardous waste.

2.3 WASTE GENERATION AND MANAGEMENT

Wastes were generated and managed at various locations in the facility. Table 1 identifies SWMUs and their status. Figure 2 shows the facility layout. Table 2 summarizes wastes generated at the facility. Information regarding the management of hazardous and non-hazardous wastes follows.

Several waste streams were generated during the lithography process. When changing colors or coating materials, lithographing machines were cleaned with solvents and naphtha.

The spent solvents and spent naphtha (F005) were accumulated near machines in 55-gallon drums (SWMU 2). When drums were full, they were moved to the Former Drum Storage Area (SWMU 1). Approximately 15 drums per month were generated during this process (IEPA, 1986). From there, drums of spent solvents and spent naphtha (F005) were taken offsite for reclamation,

TABLE 1
SOLID WASTE MANAGEMENT UNITS

<u>SWMU Number</u>	<u>SWMU Name</u>	<u>RCRA Hazardous Waste Management Unit*</u>	<u>Status</u>
1	Former Drum Storage Area	Yes	RCRA clean closed in 1988
2	Satellite Accumulation Area	No	Inactive

Note:

* A RCRA hazardous waste management unit is one that currently requires or formerly required submittal of a RCRA Part A or Part B permit application.

TABLE 2
SOLID WASTES

<u>Waste/EPA Waste Code</u>	<u>Source</u>	<u>Primary Management Unit*</u>
Spent solvents and spent naphtha (F005)	Machine and product tank cleaning	1, 2
Aerosol press waste (F003)	Aerosol press cleanup	1, 2
Obsolete lithographic materials (paints, enamels, and varnishes) (D001)	Obsolete materials used in the lithography process	1, 2
Waste oils (NA)**	Vehicle and machine maintenance	1
Water-based compounds (NA)	Food grade waste for jar and lid liners	1
Waste detergent (NA)	Concrete pad cleanup	1
Concrete pad cleanup waste (NA)	Concrete pad cleanup	1

Notes:

* Primary management unit refers to a SWMU that currently manages or formerly managed the waste.

** Nonapplicable (NA) designates nonhazardous waste.

re-refining, or fuel blending. Companies providing this service included Hydrite Chemicals in Milwaukee, Wisconsin; American Chemical Services in Griffith, Indiana; and Petro Chemical in Lemont, Illinois. Aerosol press waste (F003), was generated while cleaning the aerosol press machine. Small quantities of obsolete lithographic materials (D001) including paints, enamels, and varnishes were generated during the lithographic operation. These wastes were taken to Petro Chemical in Lemont, Illinois (IEPA, 1988). Generation rates for these wastes were unavailable.

Non-hazardous waste oils, generated during machine and vehicle maintenance, were drummed, stored in the Former Drum Storage Area (SWMU 1) and shipped to Motor Oils Refining in McCook, Illinois for reclamation (IEPA, 1988). Generation rates for these wastes were unavailable.

Water-based compounds (non-hazardous food grade material waste) were generated onsite during the production of liners and lids for food jars. Approximately three to four drums per year of these compounds were mixed with the spent solvents from machine cleaning, stored in SWMU 1, and shipped for fuel blending (IEPA, 1988).

Non-hazardous wastes were generated during RCRA closure activities of the Former Drum Storage Area (SWMU 1). Waste detergents, and concrete pad cleanup wastes were collected, sampled, and stored in 55-gallon drums. The waste detergent was sent to Chem-Clear in Chicago, Illinois for reclamation. Concrete pad cleanup wastes were sent to L.W.D. Inc. in Calvert, Kentucky, for incineration (IEPA, 1988).

2.4 HISTORY OF DOCUMENTED RELEASES

There is no history of documented releases at this facility.

2.5 REGULATORY HISTORY

Continental Can facility representatives submitted a Notification of Hazardous Waste Activity form July 30, 1980 (Continental Can, 1980a). A RCRA Part A permit application for SWMU 1 was submitted on October 31, 1980 (Continental Can, 1980b). This application listed the following process code and capacity: storage in containers (S01) - 12,000 gallons. The waste listed was F017. An amendment for the Part A permit application dated October 31, 1980, was

submitted on July 7, 1982. This amendment changed the listed waste from F017 to F005 (Continental Can, 1982).

In May 1988, a revised Part A permit application was submitted to reflect a change in the operator to U.S. Can (U.S. Can, 1988a); however, U.S. Can was not conducting manufacturing operations. Concurrent with the revised Part A permit application, U.S. Can submitted a closure plan for the Former Drum Storage Area (SWMU 1). The plan was approved and closure activities were inspected on December 1, 1988 (IEPA, 1989). This inspection revealed that closure of the Former Drum Storage Area (SWMU 1) was completed in accordance with the approved closure plan. The Part A permit was withdrawn by the IEPA on January 5, 1989 (IEPA, 1989).

The Continental Can facility had minor RCRA compliance problems. Most violations which were observed during IEPA inspections between 1982 and 1987, pertained to deficiencies in paperwork, such as inspection records, training records, waste analysis and waste analysis plans, and contingency plans (IEPA 1983; 1986; 1987). Continental Can corrected problems identified during the March 20, 1986, IEPA inspection (Continental Can, 1986). No apparent violations were observed during the 1987 IEPA inspection.

The IEPA has no record of an air permit being issued for this plant (IEPA, 1992). Underground storage tank permits, National Pollutant Discharge Elimination System permits, and sanitary sewer permits were not found in IEPA or EPA files. Sewer discharge goes to the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC). The facility has no history of odor complaints from area residents.

No history of CERCLA activities was found during the file search.

2.6 ENVIRONMENTAL SETTING

This section describes the climate, flood plain and surface water, geology and soils, and ground water in the vicinity of the Continental Can facility.

2.6.1 Climate

Data from the National Weather Bureau at O'Hare Airport indicate an annual average daily maximum temperature of 58.7°F and an average daily minimum of 39.7°F. The average annual

precipitation from 1958 to 1990 was 33.3 inches, and the greatest 24-hour rainfall was 9.3 inches in August 1987. The overall wind direction varies seasonally with an average wind speed of 10.3 mph (NWB, 1991).

2.6.2 Flood Plain and Surface Water

The facility is located in a no special flood hazard area or non-flood area (FEMA, 1992). Surface water runoff from the facility goes to the MWRDGC via storm sewers. The nearest surface water body, the Chicago Sanitary and Ship Canal, is located about 2.5 miles north and west of the facility and is used primarily for shipping (USGS, 1981).

2.6.3 Geology and Soils

The soil types over much of Cook County have not been mapped in detail because of urban land use (U.S. Department of Agriculture, 1979). However, the report contains a regional soil map that classifies the soil near the Continental Can facility as nearly level, poorly drained soil that resulted from the deposition of clay and silt in a glacial lake.

Geology at the site is expected to be comprised of an unknown thickness of glacial deposits (lacustrine clay, till, and outwash) over Paleozoic sedimentary rock units. No site-specific information is currently available about the character of either the unconsolidated materials or the bedrock. However, a detailed statewide study provides regional three-dimensional mapping of geological materials to a depth of 50 feet (Berg and Kempton, 1988). This map suggests over 50 feet of predominantly silty, clayey till. Aquifers in this vicinity rank with a low susceptibility for contamination because of fairly uniform till to a depth of at least 20 feet (Berg et al., 1984).

2.6.4 Ground Water

No site-specific hydrogeological information is available. Therefore, no statements may be made regarding the depth to the water table, ground water flow rates or flow directions, or the stratigraphic position of aquifers beneath the facility.

In northeastern Illinois, ground water is obtained from four different aquifers: the glacial drift system, the shallow bedrock system, and two deep bedrock systems. They are distinguished

by their hydrologic properties and recharge source area (Hughes et al., 1966). In central Cook County, the glacial drift is thin, and sand and gravel deposits are correspondingly thin or absent. Almost all wells penetrate deep bedrock aquifers (Bergstrom et al., 1955).

The shallow bedrock aquifer system in northeastern Illinois underlies the glacial drift system and is mainly comprised of Silurian dolomite. The upper boundary of this system is the bedrock-drift contact; the lower boundary is the Ordovician Maquoketa Shale. Water from this aquifer is obtained from fractures and solution openings in the Silurian dolomite beds (Hughes et al., 1966). The shallow bedrock aquifer system receives some recharge locally from precipitation (Hughes et al., 1966).

The deep bedrock aquifer systems include the Cambrian-Ordovician aquifer system and the Mt. Simon aquifer system (Hughes et al., 1966). The Cambrian-Ordovician aquifer system contains two major aquifers: the Glenwood-St. Peter and the Ironton-Galesville. The top of the Cambrian-Ordovician aquifer system is the Galena-Platteville Dolomite. The Glenwood-St. Peter aquifer is widely used where water requirements are less than 200 gallons per minute (gpm). This unit has a hydraulic conductivity between 9 and 15 gallons per day per square foot (gpd/sq.ft). The Ironton-Galesville Sandstone aquifer has a hydraulic conductivity between 30 and 40 gpd/sq.ft. Recharge to the deep bedrock aquifer systems is mostly from west and north of the six county metropolitan area, where rocks crop out at the surface or lie immediately below the glacial drift. Minor recharge occurs as leakage through the shallow bedrock aquifer system (Hughes et al., 1966).

The Mt. Simon aquifer is bounded above by the relatively impermeable shales and siltstones of the upper and middle Eau Claire Formation and below by pre-Cambrian basement rock. The average hydraulic conductivity of this aquifer is 16 gpd/sq.ft (Hughes et al., 1966) and recharge is largely from the outcrop region of Cambrian rocks in central southern Wisconsin (Willman, 1971).

2.7 RECEPTORS

The facility occupies approximately 32 acres in a mixed-use area, located in Bedford Park, Cook County, Illinois. The eastern portion of the facility occupies 9.3 acres. Bedford Park has a population of approximately 600 people (Bureau of Census, 1991).

The facility is bordered on the north by 65th Street, the facility parking lot, a residential area and Grimes Elementary School; on the west by Roof Mart, the Bedford Park Fire Department, and Bedford Park Lumber; on the south by the Belt Railroad of Chicago; and on the east by Barton Chemical.

Access to the facility is controlled by a fence. The building is locked after business hours, but tenants occupy the building 24 hours a day.

The nearest surface water body, the Chicago Sanitary and Ship Canal, is about 2.5 miles north and west of the facility and is primarily used for shipping. Lake Michigan, the closest surface water body used for drinking water purposes, is approximately 10 miles east of the facility (USGS, 1981).

Ground water is not used for drinking water at or near the facility. The location of the nearest drinking water well is unknown. The nearest well is an industrial well approximately 1.5 miles west of the facility, at the Viskase Corporation. Industrial wells are also used at the Argo Corn Products plant approximately 3 miles west of the facility. It is unknown if these wells are upgradient or downgradient of the facility. No other wells exist in the area (Bedford Park Water Department, 1992).

No threatened or endangered species exist within 2 miles of the facility (IDC, 1992). Wetlands larger than 2 acres exist to the south and southwest approximately one-half mile from the facility.

3.0 SOLID WASTE MANAGEMENT UNITS

This section describes the two SWMUs identified during the PA/VSI. The following information is presented for each SWMU: description of the unit, dates of operation, wastes managed, release controls, history of documented releases, and BVWST observations. Figure 2 shows the SWMU locations.

SWMU 1

Former Drum Storage Area

Unit Description:

The former drum storage area is located outdoors, south of the building. The area is approximately 40 feet by 130 feet, and consists of a concrete pad enclosed with a chain-link fence and a locking gate. The pad is level and has no drains.

Date of Startup:

This unit began operating in 1965 (U.S. Can, 1988b).

Date of Closure:

This unit was RCRA clean closed in 1988 (IEPA, 1989).

Wastes Managed:

This unit is known to have managed spent solvents, aerosol press waste (F003), obsolete lithographic materials (D001), waste oils, water based compounds, pad cleanup water, and concrete pad cleanup wastes. The wastes were picked up from this area for off-site reclamation.

Release Controls:

The unit had no release controls.

History of Documented Releases:

No releases from this unit have been documented.

Observations:

The unit contained empty pallets and pallets of bagged gardening soil. Outlines of where drums were stored were evident (Photograph Nos. 1 & 2).

SWMU 2 Satellite Accumulation Area

Unit Description: The satellite accumulation area was located on concrete floors with no drains in the Section N of the facility. The unit consisted of 55-gallon drums (approximately 15 per month) near the lithography machines to accumulate wastes.

Date of Startup: The startup date for this unit is believed to be 1965.

Date of Closure: The unit became inactive in 1987.

Wastes Managed: This unit is thought to have managed spent solvents, aerosol press waste (F003), and obsolete lithographic materials (D001).

Release Controls: The brick walls and the concrete floor provide a means of control for release by enclosing the room.

History of Documented Release: No releases from this unit have been documented.

Observations: All satellite accumulation drums have been removed. BYWST noted no evidence of release. No photographs were taken because the area is used for equipment storage and the exact location of the unit is unknown.

4.0 AREAS OF CONCERN

BVWST identified one AOC during the PA/VSI as shown on Figure 2.

AOC 1 **Underground Naphtha Storage Tank**

Reportedly, an underground storage tank in a courtyard near Section K, was used to store naphtha (Photograph Nos. 3 and 4). BVWST was not able to confirm the presence of the tank. It is not known if the tank was ever emptied, properly cleaned, or necessary documentation filed. The BVWST investigations found no copies of such documentation.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The PA/VSI identified two SWMUs and one AOC at the former Continental Can facility. Background information on the facility's location, operations, waste generation processes and waste management practices, history of documented release, regulatory history, environmental setting, and receptors is presented in Section 2.0. SWMU-specific information, such as the unit's description, dates of operation, wastes managed, release controls, history of documented releases, and observed condition, is presented in Section 3.0. The AOC is discussed in Section 4.0. Following are BVWST's conclusions and recommendations for each SWMU and AOC. Table 3 summarizes the SWMUs and AOC at the former Continental Can facility and recommended further actions.

SWMU 1 **Former Drum Storage Area**

Conclusions: The former drum storage area was RCRA closed, in accordance with an approved RCRA closure plan, on December 1, 1988. The facility was inspected by an IEPA representative and the closure activities were found to be completed. The Part A permit application was withdrawn on January 5, 1989. The potential of a release to ground water, surface water, air, or on-site soil is low. Soil samples, taken during the closure of this SWMU, were sent to the IEPA for approval.

Recommendations: BVWST recommends no further action at this time.

SWMU 2 **Satellite Accumulation Area**

Conclusions: The satellite accumulation area was located inside of the building on a concrete floor. The floor had no drains so there was little possibility for release to impact on ground water, surface water, air, or on-site soil.

Recommendations: BVWST recommends no further action at this time.

AOC 1

Underground Naphtha Storage Tank

Conclusions:

An underground naphtha storage tank reportedly exists in a courtyard near Section K at the facility. The potential for release from this unit is unknown. Information regarding the tank was unavailable from U.S. Can, IEPA, or EPA.

Recommendations:

Further investigation is necessary to determine the potential for the presence of releases in this area. Information on the existence, location, condition, contents, and the past usage of the tank need to be obtained.

RELEASED
DATE 6/23/08
RIN #
INITIALS CM (MV)

RELEASED
DATE 6/23/08
RIN #
INITIALS clm

ENFORCEMENT
CONFIDENTIAL

TABLE 3
SWMU AND AOC SUMMARY

<u>SWMU</u>	<u>Dates of Operation</u>	<u>Evidence of Release</u>	<u>Recommended Further Action</u>
1. Former Drum Storage Area	1965 - 1988	No	None
2. Satellite Accumulation Area	1965 - 1987	No	None

<u>AOC</u>	<u>Dates of Operation</u>	<u>Evidence of Release</u>	<u>Recommended Further Action</u>
1. Underground Naphtha Storage Tank	Unknown	No	Obtain information of tank's current condition, and contents.

REFERENCES

- Bedford Park Water Department, 1992. Telephone conversation between Jim Gifford, Water Department Engineer, and Michael Monday, Project Engineer, BVWST, July 13.
- Berg, Richard C., and John P. Kempton, 1988. "Stack-Unit Mapping of Geologic Materials in Illinois to a Depth of 15 Meters," Illinois State Geological Survey, Circular 542.
- Berg, Richard C., John P. Kempton, and Keros Cartwright, 1984. "Potential for Contamination of Shallow Aquifers in Illinois," Illinois State Geological Survey, Circular 532.
- Bergstrom, R.E., J.W. Foster, L.F. Selkregg, and W.A. Pryor, 1955. "Groundwater Possibilities in Northeastern Illinois," Illinois State Geological Survey, Circular 198.
- Bureau of Census (BC), 1991. 1990 Census of Population and Housing for Illinois, August.
- Continental Can Company U.S.A. Plant #5 (Continental Can), 1980a. Notification of Hazardous Waste Activity, July 30.
- Continental Can, 1980b. Part A permit application, October 31.
- Continental Can, 1982. Letter from G. O. Payne, Director of Governmental Affairs, to Paul Lewandowski, U.S. EPA, July 7.
- Federal Emergency Management Agency (FEMA), 1992. Flood Plain Information.
- Hughes, G.M., P. Kraatz, and A. Landon, 1966. "Bedrock Aquifers of Northeastern Illinois," Illinois State Geological Survey Circular 406. Urbana, Illinois.
- Illinois Department of Conservation (IDC), 1992. Illinois Natural Heritage Data Base on Threatened or Endangered Species and Sensitive Habitats, July 13.
- Illinois Environmental Protection Agency (IEPA), Division of Land Pollution Control (DLPC), 1983. RCRA Inspection Report, April 8.
- IEPA, DLPC, 1986. RCRA Inspection Report, March 20.
- IEPA, DLPC, 1987. RCRA Land Restriction F-Solvent Generator Checklist, May 22.
- IEPA, DLPC, 1988. Inspection Report, December 1.
- IEPA, DLPC, 1989. Letter from Lawrence Eastep, Manager, Permit Section, to Emil Obradovich, Director of Technology, U.S. Can, January 5.
- IEPA, Division of Air Pollution Control, 1992. Telephone conversation between Mike Costello, Bureau of Air, and Michael Monday, Project Engineer, BVWST, July 16.
- National Weather Bureau (NWB), 1991. O'Hare Nation Airport Data.
- United States Can Company Inc. (U.S. Can), 1988a. Part A permit application, May 5.

U.S. Can, 1988b. Closure Plan United States Can Company Clearing Plant, April.

U.S. Can, 1992. Telephone conversation between Emil Obradovich, Director of Technology, U.S. Can and Michael Monday, Project Engineer, BVWST, July, 15.

U.S. Department of Agriculture, 1979. "Soil Survey of DuPage and Cook Counties."

U.S. Department of the Interior, Fish and Wildlife Department, undated. Wetland Inventory Map, Berwyn, IL, 7.5 minute series.

United States Geological Survey (USGS), 1981. Topographic map, Berwyn, IL, quadrangle, 7.5 minute series.

Willman, H.B., 1971. "Summary of the Geology of the Chicago Area," Illinois State Geological Survey, Circular 460.

DRAFT

ATTACHMENT A
EPA PRELIMINARY ASSESSMENT FORM 2070-12

**EPA**

**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT**

I. IDENTIFICATION

01 STATE IL	02 SITE NUMBER ILD 000 803 718
----------------	-----------------------------------

II. SITE NAME AND LOCATION01 SITE NAME (Legal, common, or descriptive name of site)
Continental Can USA Plant #502 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER
5401 West 65th Street03 CITY
Bedford Park04 STATE
IL05 ZIP CODE
6063806 COUNTY
Cook07 COUNTY
CODE
03108 CONG
DIST
00509 COORDINATES: LATITUDE
41° 49' 04.5" NLONGITUDE
87° 45' 03.0" W

10 DIRECTIONS TO SITE (Starting from nearest public road)

From Chicago, take I-55 south to Central Avenue, exit south on Central Avenue, go south to 65th Street, east on 65th Street to the facility

III. RESPONSIBLE PARTIES01 OWNER (if known)
Bedford Park W65 Associates/care of The Bridgewood Corp.02 STREET (Business, mailing residential)
641 W. Lake Street03 CITY
Chicago04 STATE
IL05 ZIP CODE
6066106 TELEPHONE NUMBER
(312) 876-926607 OPERATOR (if known and different from owner)
U.S. Can Co. Groko Pallets, North America, Inc., Glass
Tempering of Chicago08 STREET (Business, mailing, residential)
5401 West 65th Street09 CITY
Bedford Park10 STATE
IL11 ZIP CODE
60638

12 TELEPHONE NUMBER

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE☐ B. FEDERAL:

(Agency Name)

☐ C. STATE☐ D. COUNTY☐ E. MUNICIPAL☐ F. OTHER

(Specify)

☐ G. UNKNOWN

14. OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3010 DATE RECEIVED: 07/30/80
MONTH DAY YEAR☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: / /
MONTH DAY YEAR☐ C. NONE**IV. CHARACTERIZATION OF POTENTIAL HAZARD**

01 ON SITE INSPECTION

BY (Check all that apply)

☐ A. EPA☒ B. EPA CONTRACTOR☐ C. STATE☐ D. OTHER CONTRACTOR☒ YES

DATE 06/30/92

☐ E. LOCAL HEALTH OFFICIAL☐ F. OTHER:

(Specify)

☐ NO

CONTRACTOR NAME(S): B&V Waste Science and Technology Corp.

02 SITE STATUS (Check one)

☐ A. ACTIVE☒ B. INACTIVE☐ C. UNKNOWN

03 YEARS OF OPERATION

1965 1988
BEGINNING YEAR ENDING YEAR☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Spent solvents, paints, enamels, varnishes, aerosol press waste, and waste oil.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

An underground storage tank that contained naphtha.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents.)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☒ C. LOW

(Inspect on time-available basis)

☐ D. NONE

(No further action needed; complete current disposition form)

VI. INFORMATION AVAILABLE FROM01 CONTACT
Kevin Pierard02 OF (Agency/Organization)
U.S. EPA03 TELEPHONE NUMBER
(312) 886-444804 PERSON RESPONSIBLE FOR ASSESSMENT
Michael E. Monday

05 AGENCY

06 ORGANIZATION
BVWST07 TELEPHONE NUMBER
(312) 346-377508 DATE
08/04/92
MONTH DAY YEAR

ATTACHMENT B
VISUAL SITE INSPECTION SUMMARY AND PHOTOGRAPHS

VISUAL SITE INSPECTION SUMMARY

Former Continental Can U.S.A. Plant #5
5401 West 65th Street
Bedford Park, Illinois
ILD 000 803 718

Date: June 30, 1992

Facility Representatives: Bob Richmond, Leasing Agent
Bill English, Building Engineer
Jill Clark, Attorney for Agent
Dan Banaszek, Consulting Engineer

Inspection Team: Ramona J. Reints, BVWST
Michael E. Monday, BVWST

Photographer: Michael E. Monday, BVWST

Weather Conditions: Clear and Sunny, 70°F, light winds.

Summary of Activities: The visual site inspection (VSI) began at 8:55 a.m. with an introductory meeting. The inspection team explained the purpose of the VSI and the agenda for the visit. Leasing agent representatives discussed the facility's past and current operations to the best of their ability. They also provided the inspection team with copies of requested documents.

The VSI tour began at 10:05 a.m.. The inspection team inspected the eastern portion of the facility and south of the building. SWMU 1 was located south of the building. SWMU 2 was located in Section N of the facility. AOC 1 was located in a courtyard near Section K. The western portion of the facility, not shown on the Part A permit application, contained offices, and was not inspected. Photographs were taken at SWMU 1 and AOC 1. No photographs were taken of SWMU 2 because the exact location of SWMU 2 was unknown. The general area in which SWMU 2 was located, was inaccessible during the VSI. The area was covered with equipment.

The tour concluded at 11:40 a.m., after which the inspection team held an exit meeting with leasing agent representatives. The VSI was completed and the team left the facility at 12:00 p.m..



Photograph No. 1
 Orientation: West
 Description: Former drum storage area, no drums present

Location: SWMU 1
 Date: 06/30/92



Photograph No. 2
 Orientation: North
 Description: Former drum storage area, no drums present

Location: SWMU 1
 Date: 06/30/92



Photograph No. 3
 Orientation: West
 Description: Probable underground naphtha storage tank area

Location: AOC 1
 Date: 06/30/92



Photograph No. 4
 Orientation: West
 Description: Possible underground naphtha storage tank filling port

Location: AOC 1
 Date: 06/30/92

ATTACHMENT C
VISUAL SITE INSPECTION FIELD NOTES

06-030-92

0855 BIV WASTE SCIENCE AND TECHNOLOGY
RCPs ARRIVE AT THE CONTINENTAL CAN
AS SITE, 6401 W 65TH PLACE, CHICAGO.
IL. BIV REPS ARE MICHAEL NIEWDAY
AND RAMONA ACINTS.
WEATHER: CLEAR AND SUNNY, 70°.
LIGHT WINDS

0905 BIV REPS CONDUCT AN INTRODUCTORY
MEETING WITH BOB RICHMOND FROM
THE BRIDGEWOOD CORP (LEASING AGENT)
BILL ENGLISH (BUILDING ENGINEER) DAN
BANASZEK FROM WOODWARD-CLYDE
CONSULTANTS (CONSULTING ENGINEER FOR
THE BRIDGEWOOD CORP) AND JILL CLARK
LAARMAN FROM RUDNICK + WOLFF
ATTORNEYS AT LAW (REPRESENTING
THE BRIDGEWOOD CORP)

0915 ERM CLOSURE PLAN IS
DISCUSSED. PHOTOS FROM RCRA
INSPECTIONS AND CLOSURE PLANS
ARE CIRCULATED TO TRY TO IDENTIFY
SWMU LOCATIONS. ENGLISH STATES
HE RECOGNIZES THE AREAS IN THE
PHOTOS AND WILL POINT THEM OUT
DURING THE WALKTHROUGH INSPECTION.

② Ramona Acints 6-30-92

RENTS ASKS FOR YEARS OF OPERATION
OF CONTINENTAL CAN. NO ONE CAN
VERIFY THE PART A DATE OF 06-01-38.
ORIGINAL BUILDING OWNER IS UNKNOWN
BUT ASSUMED TO BE CONTINENTAL CAN.
PREVIOUS LAND USE IS UNKNOWN
BUT ASSUMED TO BE VACANT/RURAL
OR AGRICULTURAL.

RENTS ASKS FOR CHAIN-OF-OWNERSHIP
AND IS TOLD PRIOR TO 1978 THE
FACILITY WAS OWNED BY U.S. CAN,
FORERUNNER TO CONTINENTAL CAN.
FROM 1978-1987, THE FACILITY WAS
OWNED BY SHETLAND PROPERTIES
OF COOK COUNTY AND LEASED BY
CONTINENTAL CAN. SINCE NOVEMBER,
1987, THE FACILITY HAS BEEN OWNED
BY BEDFORD PARK W 65 ASSOCIATES

RENTS ASKS FOR ANY INFORMATION RE:
WASTE STREAMS, SWMU OPERATION DATES
AND CONSTRUCTION, OPERATING DATES AND
PRACTICES IN THE LITHO DEPARTMENT,
WASTE GENERATING PROCESSES, HISTORY
OF DOCUMENTED RELEASES AND
CORRECTIVE ACTIONS BRIDGEWOOD CORP.

Ramona Acints 6-30-92 ③

REPS. HAVE NO INFORMATION
ON THESE SUBJECTS.

REINTS ASKS WHAT SITE SECURITY
CONSIDERS OF AND IS TOLD ACCESS IS CON-
TROLLED BY LOCKING THE BUILDING AND
HAVING THE BUILDING OCCUPIED 24HRS
A DAY

REINTS ASKS WHAT BORDERS THE FACILITY
AND IS TOLD

EAST - BARTON CHEMICAL
WEST - ROOF MART

BEDFORD PARK FIRE DEPT
BEDFORD PARK LUMBER

SOUTH - BELT RAILWAY
NORTH - ACROSS 65TH PLACE IS

A CONTINENTAL CAN PARKING
LOT AND RESIDENTIAL HOMES.

THE NEAREST SCHOOL, GRIMES SCHOOL,
IS ONE BLOCK NORTH

REINTS ASKS FOR THE DISTANCE TO THE
NEAREST SURFACE WATER AND IS TOLD
THE SANITARY AND SHIP CANAL IS
1/4 MILES NORTH.

REINTS ASKS IF THERE ARE ANY
TANKS FROM PRODUCT STORAGE (PAINT)
OR WASTE OIL STORAGE AND IS TOLD

(4) Hammer Giff 6-30-92

SOME TANKS REMAIN.

REINTS ASKS IF ANYTHING IS KNOWN
ABOUT WASTE DISPOSAL PRACTICES - NOTHING
IS KNOWN.

REINTS ASKS WHEN LEASING TO TENANTS
BEGAN AND IS TOLD 1970. ENGLISH
SUGGESTS CALLING AN ANDREW LAPPIN
WITH SHETLAND PARTNERS AT 921-5400 FOR INFORMATION ON
TENANTS AT THAT TIME.

1005 BILL ENGLISH BEGINS A
WALKTHROUGH TOUR OF THE SITE.

ALL PERSONNEL EXCEPT RICHMOND
TOUR THE SITE.

THE 'N' BUILDING IS SEEN FIRST.
ENGLISH ASKS THIS IS PRIOR LOCATION
OF THE LITHO ROOM NOW LEASED
AND USED AS MACHINE STORAGE BY
U.S. CAN. A LARGE DRYING OVEN
IS LOCATED IN THE MIDDLE OF THE
BUILDING. IT MAY HAVE BEEN SHUT DOWN
BEFORE THE CLEAN AIR ACT WAS IN
EFFECT. A DRUM STORAGE RACK
(EMPTY) CAPABLE OF STORING MANY
DRUMS IS ALONG THE EAST WALL

Hammer Giff 6-30-92 (5)

TOWARD THE BACK OF THE BUILD-
ING. SEEING IS DIFFICULT AS THERE
IS NO ELECTRICITY RUNNING TO THIS
PART OF THE FACILITY. BARACZKA
HAS TWO FLASHLIGHTS. SOUTH OF THE
BACK ARE SIX LARGE ABOVE-GROUND TANKS
USED TO STORE PAINT DURING OPERATIONS.
PAINT CODES (COLOR INDICATOR?) ARE
ON THE TANKS. VOLUME OF TANKS IS
UNKNOWN.

NEXT BUILDING TO THE WEST IS K.
K IS A LARGE EMPTY BUILDING
WITH NO INTERIOR WALLS, CONCRETE
FLOORS.

THE K EXTENSION IS TOWARD WEST.
IT IS OCCUPIED BY A TENANT WHO
IS FORMING METAL WITH MACHINES.
ENGLISH POINTS OUT A DRUM
STORAGE ROOM HE THOUGHT WAS
USED AS SATELLITE ACCUMULATION
BY CONTINENTAL CAN. THE ROOM
HAS CINDER BLOCK WALLS, A CONCRETE
RECESSED FLOOR, FLOOR DRAIN
AT THE WEST WALL WHICH ENGLISH SAYS
DRAINS TO THE RAILROAD SPUR AND
MEASURES APPROX. 12' X 15'.

⑥ Mamma of 6-30-92

THE FLOORS HAVE NO CRACKS. MISC.
5 GALLON BUCKETS, HOSES, TIRE
CHANGE JACK, FLOOR CLEANER ARE
AMONG THE ITEMS KEPT IN THE ROOM
THERE IS NO WASTE

PHOTOS #1-5 SATELLITE ACCUMULATION
AREA #1 (SAA)

TAKEN AT 1033 BY MONDAY
1040 DRUM STORAGE PAD SOUTH
OF THE FACILITY IS VIEWED. THE
UNIT WAS CLOSED IN 1988 ACCORD-
ING TO FILES. IT IS A 30' X 140'

CONCRETE PAD SURROUNDED BY
A 6' CYCLONE FENCE. STAINING
AND OUTLINES OF DRUMS ARE OB-
SERVED. CRACKS / PATCHES ARE OBSERVED.
THE PAD STORES WOOD PALLETES,
PALLETES OF POTTING SOIL + TOPSOIL

PHOTOS # 6-8 FACING WEST,
WEST AND NORTH, DRUM PAD

AND ITS CONTENTS. TAKEN BY MONDAY
THE T BUILDING IS OBSERVED. IT
IS A LONG, NARROW ROOM, WALL FREE
WITH NO INTERIOR WALLS, CONCRETE
FLOORS, EXTERIOR WALLS ARE CINDER

Mamma of 6-30-92 ⑦

Victoria Mikszta

From: epa.foia@illinois.gov
Sent: Friday, November 30, 2018 4:09 PM
To: Victoria Mikszta
Subject: Illinois EPA FOIA Request Received - Victoria Mikszta



Illinois Environmental Protection Agency

FOIA Request Received

Friday, November 30, 2018

Ms. Victoria Mikszta
GSG Consultants Inc.
623 Cooper Ct.
Schaumburg, IL 60173

Requester Type: Consultant

Dear Victoria Mikszta,

We have received your request for information under the Illinois Freedom of Information Act. Listed below is a summary of what we received in your online request.

Please do not reply to this email. If you have questions about your request please call (217) 558-5101.

Request Summary

Received 11/30/2018 4:08:36 PM

Reference Id(s)

Date Range 01/01/1776 - 11/27/2018

Request Narrative I am looking for environmental information regarding the property located at 5423 W 64th Place Chicago, IL and adjacent properties within these ranges: 6429-6459 South Linder Avenue, 6430-6470 South Long Avenue, 5400-5500 West 64th Place and 5400-5500

West 65th Street all located in Chicago, IL 60638 - for a Phase I
Environmental Site Assessment.

© 2015 Illinois EPA

DRAFT

**Woodward-Clyde
Consultants**



Engineering & sciences applied to the earth & its environment.

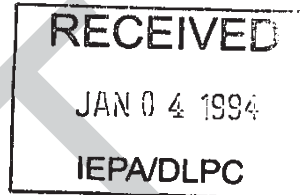
0310125147-Cook
W 65 Bedford Park Assoc Ltd.
Partnership
Lust

January 3, 1994

Via Overnight Delivery

Illinois Environmental Protection Agency
Bureau of Land
Leaking Underground Storage Tank Section
2200 Churchill Road/P.O. Box 19276
Springfield, Illinois 62794-9276

Re: Facility: W65 Industrial Park
Owner: W65 Bedford Park Associates
5401 W. 65th Street
Bedford Park, Illinois 60630
IEMA No. 933025
IEPA Generator No. 0310125147



Dear Sir/Madam:

Enclosed is a completed 45-day report for a confirmed release from two (2) underground storage tanks ("USTs") that were removed from the referenced property on November 19, 1993. The Illinois Emergency Management Agency was notified of the releases on November 19, 1993 and the property was assigned incident number 933025. The required 45-day report information is enclosed.

Please note that the subject property is held in an Illinois land trust and W65 Bedford Park Associates, an Illinois general partnership, is the owner of the beneficial interest under the trust. Mr. Robert J. Richmond of Richmond Asset Management is serving as a designated agent for W65 Bedford Park Associates.

If you should have any questions, please do not hesitate to call me at (312) 939-1000.

Sincerely,

Sheila R. Shubat
Project Geologist

SRS:val
Enclosure

cc: Mr. Robert J. Richmond (w/encl.)
Ms. Jill Clark Laarman, Esq. (w/encl.)

LAGENIEPA0103.LTR

SCREENED

Illinois Environmental Protection Agency
LEAKING UNDERGROUND STORAGE TANK PROGRAM
45 Day Report

A. SITE IDENTIFICATION

IEPA Generator Number (10 Digit): 0310125147

(leave blank if unknown)

IEMA #: 933025

Site Name: W65 Industrial Park

Site Address (Not a P.O. Box): 5401 West 65th Street

City: Bedford Park

County: Cook

OWNER W65 Bedford Park Associates L.P.

Name: c/o Richmond Asset Management

Address: 711 Jorie Blvd., Suite 260
Oak Brook, IL 60521-2252

Contact: Robert J. Richmond

Phone: 708-990-1010

OPERATOR (if different from Owner)

Name: _____

Address: _____

Contact: _____

Phone: _____

RECEIVED

IEPA/DLPC

B. SITE INFORMATION

1. Will the owner/operator be seeking reimbursement for costs from the Underground Storage Tank Fund? (Check One) YES NO
2. Has the site been deemed eligible to seek reimbursement for corrective action cost from the Underground Storage Tank Fund:
YES X NO _____
3. What was the material released: Diesel Fuel and Used Oil
Was the material released a petroleum product: YES X NO _____

C. EMERGENCY ACTION

1. Was the tank system removed, and/or abandoned in place: YES X NO _____ (if YES then the Agency will require that the following be attached: legible copy of the Office of the State Fire Marshal Permit for Removal and Abandonment in Place; a discussion on how the tank was cleaned; a discussion on how the product still in the tank, the tank sludges, and the tank rinse water were handled and disposed)
2. Was the tank system repaired: YES _____ NO X (if yes then the Agency will require that a legible copy of the Fire Marshal Permit be included)
3. The volume (in cubic yards) of backfill material removed: 10 cubic yds. (estimated)
(if any backfill material was removed and disposed of off-site attach a legible copy of the manifest(s) to dispose of the soil)
4. Was any soil, other than backfill excavated and disposed from the site: YES _____ NO X (if yes, then what was the volume, in cubic yards, disposed from the site: _____) Material stock piled but not removed at time of 45 day report.
5. Was any groundwater with a sheen removed from the excavation: YES _____ NO X (if yes, then what was the volume, in gallons, removed from the site: _____) Also please include a legible copy of the manifest(s)
6. Was free product encountered: YES _____ NO X (if YES, then the owner/operator must submit a free product removal report within 45 days of reporting the release)

D. ENCLOSURES

Please refer to the INSTRUCTIONS for direction on what information must be attached to this form.

E. SIGNATURES

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner

Name: _____

Title: PRESIDENT, RICHMOND ASSET MANAGEMENT

Signature: ROBERT J. RICHMOND

Date: 12/20/93

Operator (if different from Owner)

Name: _____

Title: _____

Signature: _____

Date: _____

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day the failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

IL 532 2277
LPC 503 Oct-93



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, Illinois 62703-4259

OCT 12 1993

DIV. OF PETROLEUM &
CHEMICAL SAFETY

FOR OFFICE USE ONLY

Facility # 2032598
Permit # 0574 93 REM

Application for Permit to REMOVE
Underground Storage Tanks for Petroleum and Hazardous Substances

to be completed and filed with the Division of Petroleum and Chemical Safety, 1035 Stevenson Drive, Springfield, Illinois 62703-4259 (217/785-5878) or (217/785-1020)

1) (Owner of tanks) - Corporation, partnership or other business entity: (Must Be Mailing Address)
65 Bedford Park Association Ltd Partnership
70 Richmond Asset Management

11 Jorie Blvd., Suite 260

Street Address

Oak Brook, Illinois 60521-2252

City State Zip

Robert J. Richmond 708-990-1010

Contact Person Phone

2) (Contractor) - person, firm or company performing work:

ARS Environmental Solutions, Inc.

Company

110 West 185th Street

Street Address

Oak Brook, Illinois 60448

City State Zip County

708-532-2244 363-65-9854

Phone Registration No.

You must notify ESDA 1-800-782-7860 within 24 hours of tanks or contaminated soil. Removal must be in accordance with acceptable closure requirements and procedure such as API Bulletin 1604. A site assessment must be conducted to determine if a release has occurred.

2) (Facility) - name and address where tanks are located:

W65 Industrial Park

Name

5401 West 65th Street

Street Address

Bedford Park, Illinois 60638

City State Zip County

Bill English 708-496-4804

Contact Person Phone

Facility Registration I.D. Number

2032598

FOR OFFICE USE ONLY

Permission to remove underground storage tank(s) is hereby granted. Such removal shall not commence until 11-11-93.

A seventy-two hour (3 working day) notice to this office is required to confirm final date of removal for our Inspector to be on site.

10-15-93

Approval Date

W. Dale Tanker
Approved

4-15-94

Permit Expires

Removal of Tanks:

- a) Number and size of tanks being removed: 1-10,000 Gal, 1-280 Gal, 1-1,500 Gal, 2-1,000 Gal, 1-2,500 Gal
b) Total number of all tanks removed: 8 2-Unknown Gal
c) Reason for removal of tanks: No longer in use
d) If tank is leaking, give ESDA incident number: N/A
e) What products were stored in each tank? 3-gasoline, 1-diesel, 1- alcohol, 1-naphthalene, 1-fuel
f) If tanks contain products other than petroleum products, please indicate here: N/A 1-kerosene
g) Date each tank was last used? 1978
h) A written notice of removal of tanks shall be given to the Office of the State Fire Marshal at least 30 days prior to the removal, giving location, number and size of tanks. This application will constitute that 30 day written notice. The 30 day period commences with this application appropriately completed and the fee received in our office.

(Over)

-) Insufficient information supplied for permit review or omission of permit fee is grounds for application rejection. No work is to commence without a granted permit in hand and must be available upon request inspectors. All work must be done by contractors registered with the State Fire Marshal's Office or by the owner only.
-) A permit fee of \$100 for each facility must accompany this application. (Checks or money orders are to be made payable to Office of the State Fire Marshal, do not send cash.) ☒ Check ☐ Money Order
-) For each facility, ~~Notification of Underground Storage Tanks~~ - Notification of Underground Storage Tanks must be completed and submitted the Office of the State Fire Marshal after tanks are removed.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this form and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that all submitted information is true, accurate and complete.

Name of Authorized Representative: Robert J. Richmond Title and Company Represented: W65 Bedford Park Associated Limited Partnership C/O Richmond Asset Management

Signature of Authorized Representative: *Robert J. Richmond* Date: October 7, 1993

Date: _____

The Office of the State Fire Marshal is requesting information that is necessary to accomplish the statutory purpose outlined in Illinois Revised Statutes, Chapter 127, Paragraph 9. Disclosure of this information is REQUIRED. Failure to provide any information will result in this form not being processed. This form has been approved by For Management Center. (Rev. 04/92) #3352

For Office Use

DPCS Specialist
Fire Department
Division File
Dale Tanke
Office Associate

Sieglr

BAR



45 DAY REPORT ENCLOSURE

W65 Bedford Park Associates
5401 W. 65th Street
Bedford Park, Illinois 60630

IEMA No. 933025
IEPA Generator No. 0310125147

Prepared for
W65 Bedford Park Associates
Limited Partnership
Care of Richmond Asset Management
711 Jorie Blvd, Suite 260
Oakbrook, Illinois 60521-2252

January 1994

Woodward-Clyde Consultants
122 South Michigan Avenue
Suite 1920
Chicago, Illinois 60603

Project Number 91C3462

SITE INFORMATION

The propose of this report is to present underground storage tank (UST) and site information, release information and a site map required for the 45-day report. The following sections will present this information. The sections are numbered to reflect the Illinois Environmental Protection Agency (IEPA) Memorandum dated October 27, 1993.

The Illinois Emergency Management Agency (IEMA), formerly ESDA, was contacted on Friday, November 19, 1993 and the petroleum release reported within the required 24 hour period. Ms. Sheila Shubat, of Woodward-Clyde Consultants (WCC), reported the release, as per W65 Bedford Park Associates' direction. The IEMA release number is 933025. UST Nos. 2 and 9 were reported to have had a release.

a. Steps taken to prevent any further release of the regulated substances into the environment.

Steps taken to prevent any further release of the regulated substance into the environment included removal of UST Nos. 2 and 9 from the ground. A copy of the Office of the State Fire Marshall (OSFM) permit for removal is attached.

UST Nos. 2 and 9 was cleaned according to established health and safety procedures to assure that an explosive environment was not present. UST Nos. 2 and 9 were cleaned with oil absorbent wipes. Liquid was removed by RS Used Oil Services of Monee, Illinois and treated off-site. No sludge material was present and no rinse water was generated.

b. Steps taken to identify and mitigate fire, explosion and vapor hazards.

Prior to addressing UST Nos. 2 and 9, the atmosphere in the tanks were monitored for flammable vapors, toxic gases and oxygen deficiency. The USTs were ventilated of vapors.

All site personnel followed established health and safety procedures by removing all sources of ignition from the general work area and the confined spaces where flammable vapors may have been present.

c. Data on the nature and estimated quantity of release.

UST Nos. 2 and 9 were located in the southern central portion of the facility property. UST No. 9 was adjacent to the west of UST No. 2. UST No. 9 did not share a common backfill area, an "island" separated the two excavation areas. The fuel pump for UST No. 2 was located on the "island" area. The fuel pump piping is thought to have been the source of the release. The volume of product released is unknown.

Upon removal, visual contamination was noted in both excavation areas and the "island" between the two excavations areas. Approximately 10 cubic yards of sand contaminated with diesel fuel and used oil was removed.

Soil samples were not collected to determine vertical and horizontal impact due to the requirement to conduct a Site Characterization investigation.

d. Data from available sources or site investigations.

i. Surrounding Population

The surrounding population is in an area of Bedford Park which is currently zoned for industrial use. The site lies in Section 21 of Township 38 North, Range 13 East in Cook County. Sixty-fifth Street borders the north side of the property and is the boundary between Bedford Park and Chicago. The site is located in an industrial area. The

surrounding population is limited to daily employees. Referee to Section d. vi., for a description of adjacent properties.

ii. Water Quality

Based on visual observation, surface water was not impacted by the release. Potable water is supplied from Lake Michigan.

iii. Surrounding Wells

WCC obtained a driller's log from the Illinois State Water Survey for a well installed at subject property in 1936. The J.P. Miller Artesian Well Company set a well at 1510 feet below ground surface which produced 600 gallons per minute. The subject property has received water from Lake Michigan since 1936 and the well is no longer in use. Based on the location of UST Nos. 2 and 9, the well is not judged to be impacted by the subject release.

iv. Subsurface Conditions

The soils in the area of the subject property consist of glacial deposits of silt, clay, and sand of the Wedron Formation. The soils range in thickness of 50 to 100 feet and are underlain by Silurian Limestone. Groundwater can be obtained in sand lenses at shallow depths; however, productive wells are usually set in bedrock.

v. Climatological Conditions

Illinois experiences the full sweep of winds which are constantly bringing in air masses from other areas. Winds are controlled by the storm systems and weather fronts that move eastward and northeastward through Illinois. Storm systems move through the state most frequently during the winter and spring months and cause a maximum of cloudiness during those seasons. Precipitation in the northern counties average a cooler and drier climate, than the southern portion of the state. In the six month period, April through September, average precipitation is 21 to 24 inches of rainfall.

vi. Land Use

The current site use is limited manufacturing and majority warehouse storage. The adjacent properties are listed as follows:

North	-	Parking lot
South	-	Belt railway switch yard
East	-	(From north to south) Almac Electrical Supply, A&A Distributing, and Barton Chemical
West	-	Roofmart Incorporated

Several tank rail-cars and several aboveground storage tanks were noted on the Barton Chemical property.

e. Results of the Site Check required under 35 Illinois Administrative Code Section 731.162(a)(5)

The initial abatement measures and site check under 35 Illinois Administrative Code Section 731.162(a)(5) have been completed. Removal of the USTs has been completed. Visual inspection of the surrounding area and removal of a fire and safety hazard has been completed. Visual contamination was observed and noted by the OSFM representative. The 20-day report has been filed. Removal of contaminated soils is scheduled for the week of January 10, 1994. Further investigation of the site is planned in accordance with the new LUST program.

f. Site Map

Figure 1, the site map is attached. Product and dispenser lines have been removed and are not shown on the map.

g. Cross Sections

Figure 2 and 3 show the UST excavation cross sections and are attached.

h. UST Information

The following USTs are located on the site.

UST No. 1 - 120 gal gasoline tank - still in use, and

UST No. 6 - 2,500 gal naphthalene tank - application filed to abandon in place.

The following USTs were removed from the site.

UST No. 2 - 10,000 gal diesel fuel tank - release occurred and tank removed,

UST No. 3 - 280 gal alcohol tank - removed,

UST No. 4 - 15,000 gal #6 fuel tank - removed,

UST No. 5 - 1,500 gal kerosene tank - removed,

UST No. 5A - 1,500 gal kerosene tank - removed, and

UST No. 9 - 6,000 gal fuel tank - release occurred and tank removed.

Figure 1 identifies the reference number for each UST.

i. Photographs

The photographs of UST Nos. 2 and 9 are attached.

j. Timetable

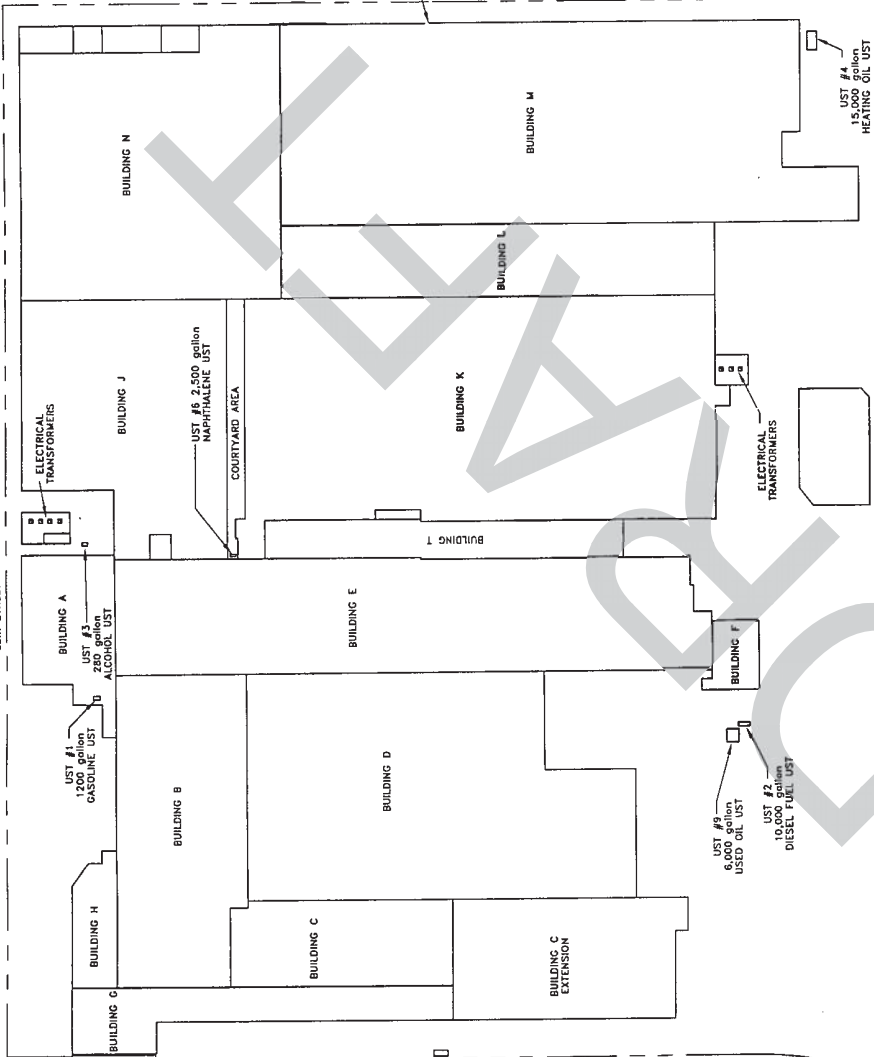
Field work to prepare the USTs for removal started on November 15, 1993. Mr. Aaron Siegler, of the OSFM office was present for the UST removals on November 18 and 19, 1993. All UST removals were witnessed by the OSFM representative.

A total of six USTs were removed. A release of petroleum product was observed at UST Nos. 2 and 9. All other USTs had no visibly observed release of product as was noted by the OSFM representative.

UST No. 6 will to be abandoned in place pending OSFM approval due to the close proximity of the surrounding building walls. Soil samples were collected through the bottom of the UST. The soil sample results and the application for abandonment in place were submitted to the OSFM on December 16, 1993.

DRAFT

65th STREET



VENT PIPE AGAINST THE WALL NO UST DISCOVERED AT LOCATION



0 60 120
SCALE IN FEET
(APPROXIMATE)

Woodward-Clyde Consultants
ENGINEERS, GEOLOGISTS, AND ENVIRONMENTAL SCIENTISTS

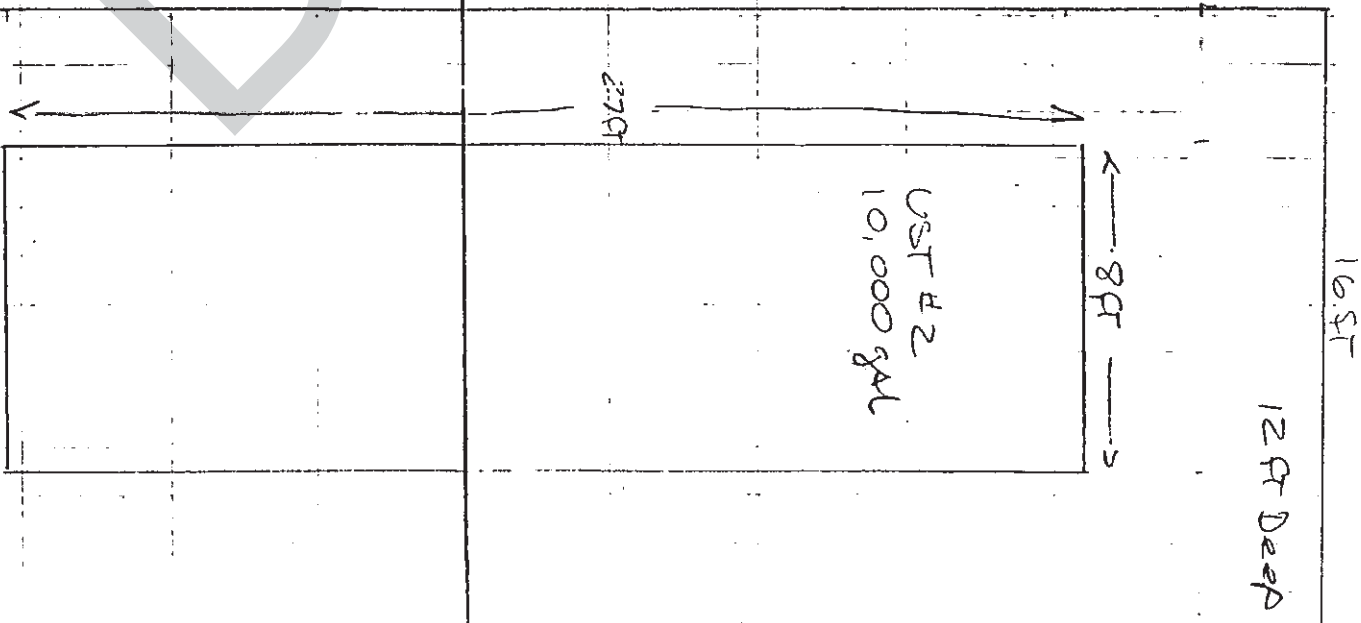
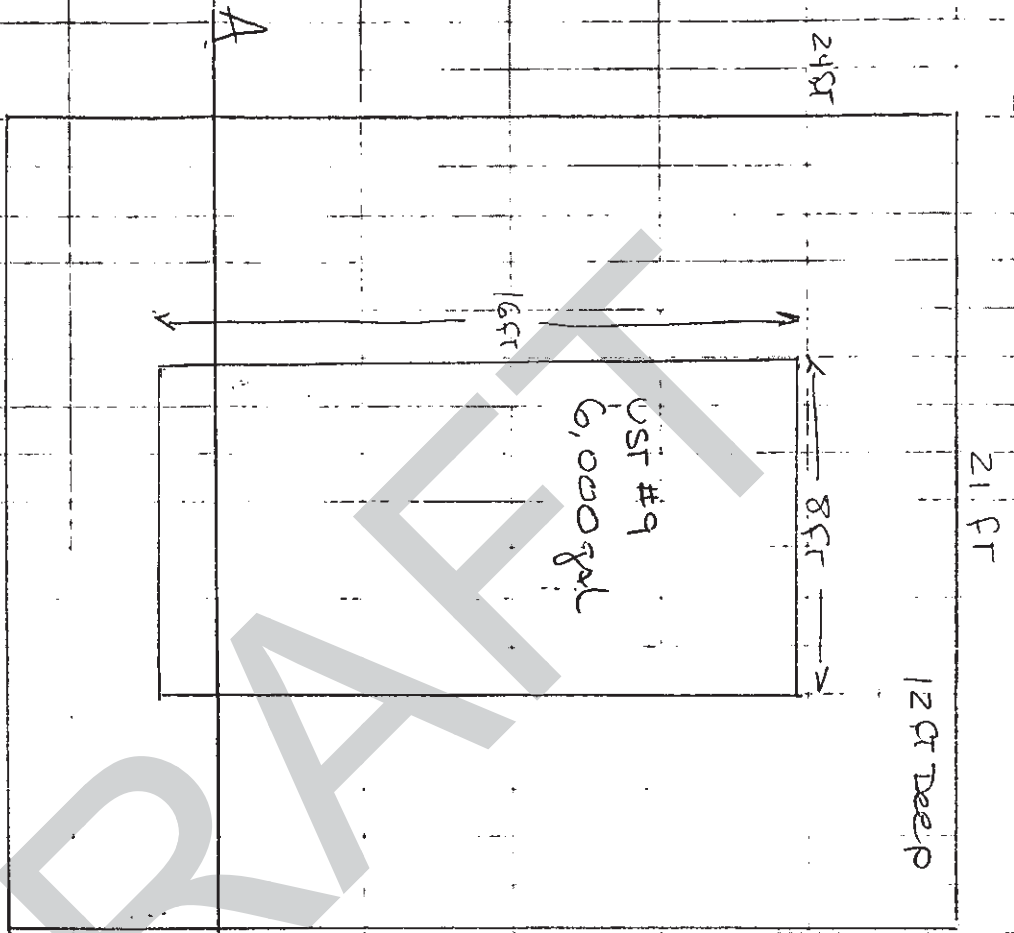
UST MAP
5401 WEST 65th STREET
BEDFORD PARK, ILLINOIS

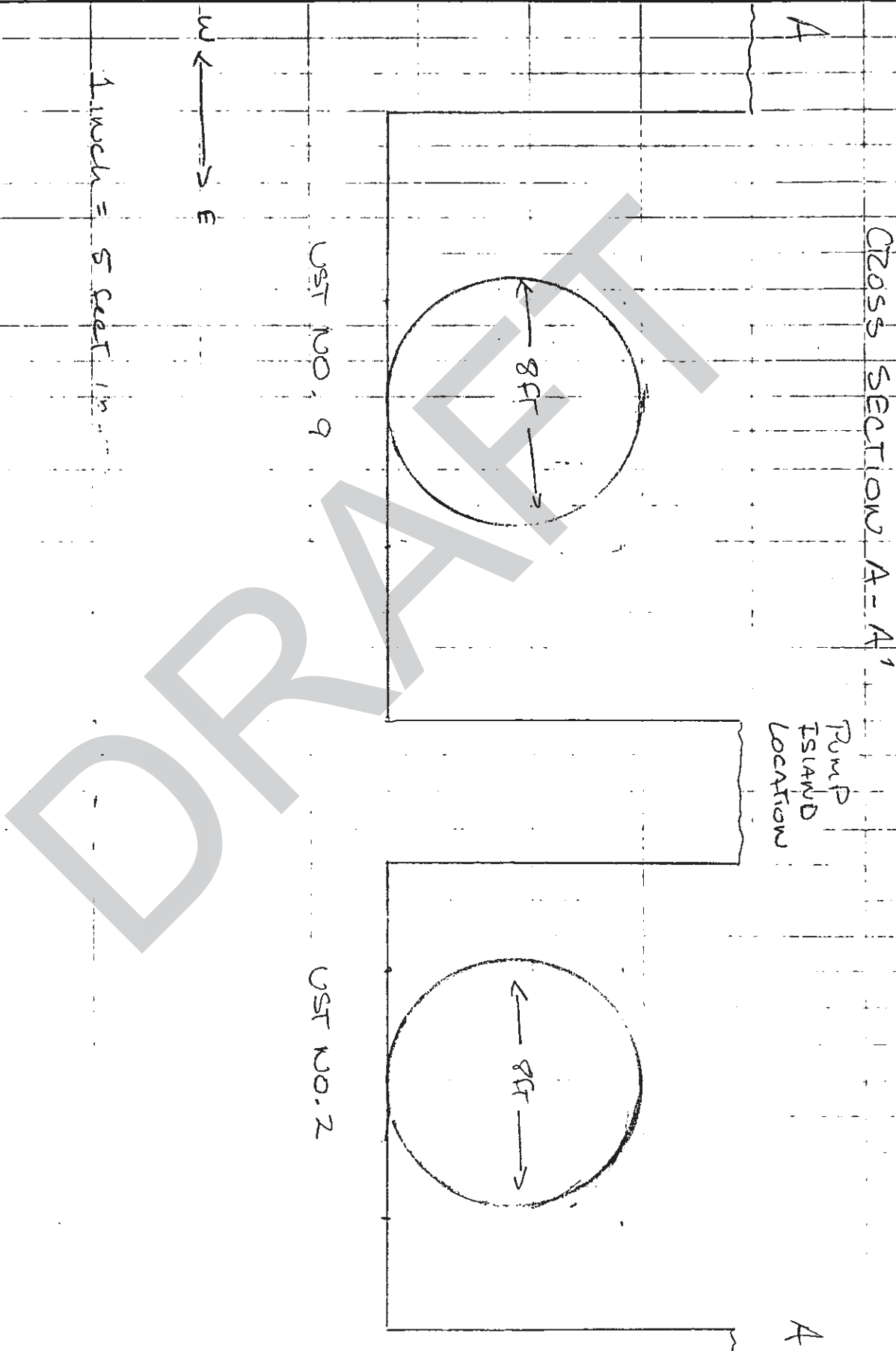
DESIGN: SRS	SCALE: SECTOR	PROJECT NO.
DATE: 1/12/94	LN	91C3462
DATE: 1/12/94	LN	1

WOODWARD-CLYDE CONSULTANTS
91C3462-3462-WP2.dwg

1 inch = 5 feet

North





**The appearance Some of the images
following this page is due to**

Poor Quality Original Documents

and not the scanning or filming processes.

**Com Microfilm Company
(217) 525-5860**

PHOTOGRAPHIC DOCUMENTATION
5401 WEST 65TH STREET
BEDFORD PARK, ILLINOIS



PHOTOGRAPH 1: UST No. 9 concrete pad being broken up, UST No. 2 is located to the right of fuel pumps.



PHOTOGRAPH 2: UST No. 9 being uncovered.

PHOTOGRAPHIC DOCUMENTATION
5401 WEST 65TH STREET
BEDFORD PARK, ILLINOIS



PHOTOGRAPH 3: UST No. 9 excavation in foreground, UST No. 2 excavation in background.



PHOTOGRAPH 4: UST No. 9 being opened up for cleaning, UST No. 2 at left.

PHOTOGRAPHIC DOCUMENTATION
5401 WEST 65TH STREET
BEDFORD PARK, ILLINOIS



PHOTOGRAPH 5: UST No. 2 excavation prior to tank removal.



PHOTOGRAPH 6: UST No. 9 being pulled out of excavation by crane.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

BRUCE RAUNER, GOVERNOR

LISA BONNETT, DIRECTOR

217/524-3300

March 3, 2015

CERTIFIED MAIL

7012 0470 0001 2969 1621

David Friedman
Bedford Industrial Center, LLC
351 West Hubbard Street, Suite 304
Chicago, Illinois 60654

Refer to: 0316640008--Cook County
Bedford Park/United States Can Company
Site Remediation/Technical Reports

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASED

MAY 20 2015

REVIEWER: EMI

Notice of Intent to Terminate Site Remediation Program Review and Evaluation Services Agreement

Dear Mr. Friedman:

On March 4, 2010, the Illinois EPA received from Bedford Industrial Center, LLC as the Remediation Applicant ("RA"), a Site Remediation Program Application and Services Agreement Form ("Agreement") for review and evaluation of voluntary remedial actions at United States Can Company ("site") located at 5401 West 65th Street, Bedford Park, Illinois. Regulations implementing the Site Remediation Program at 35 Illinois Administrative Code ("35 IAC") 740.230(a) (3) authorize the Illinois EPA to terminate an Agreement when a Remediation Applicant fails to proceed in a timely and appropriate manner. No reports, plans, updates or other project documents regarding voluntary remedial actions at this site have been received within the past two years.

Therefore, please be advised that the Illinois EPA will terminate the Agreement for the site unless this office receives no later than close of business April 3, 2015 the express written determination by the RA to continue the conduct of voluntary remedial actions in accordance with the agreement. The written determination to continue must identify voluntary remedial actions to be undertaken and must propose a schedule for completion of each action.

Please direct responses to:

Gregory W. Dunn, LPG, Manager
Voluntary Site Remediation Unit
Bureau of Land
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

If the RA does not intend to continue the conduct of voluntary remedial actions in accordance with the agreement, the Illinois EPA requests notification pursuant to 35 IAC 740.225(a) that the review and evaluation services previously requested are no longer wanted. Otherwise, if a written determination to continue is not received prior to April 3, 2015, the Illinois EPA will notify the RA in accordance with 35 IAC 740.230(c) of its final decision to terminate the agreement.

Once the Illinois EPA terminates the Agreement, RA may file an appeal with the Illinois Pollution Control Board ("Board") within 35 days after receipt of the final decision to terminate. Appeals to the Board shall be in the manner provided for the review of permit decisions in Section 40 of the Environmental Protection Act.

If you have any questions concerning this matter, please feel free to contact Greg Dunn at the above telephone number or address or by e-mail at Greg.Dunn@illinois.gov.

Sincerely,



Joyce L. Munie, P.E., Manager
Remedial Project Management Section
Division of Remediation Management
Bureau of Land

cc: Bureau of Land File
PJ Gebhardt
Greg Dunn
Tim Zook

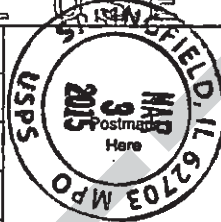
ETS Environmental & Associates, Inc.
David Wagner
204 Dearborn Court, Suite 124
Geneva, Illinois 60134

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage \$
Certified Fee
Return Receipt Fee
(Endorsement Required)
Restricted Delivery Fee
(Endorsement Required)



David Friedman
Bedford Industrial Center, LLC
351 West Hubbard Street, Ste. 304
Chicago, IL 60654

7012 0470 0001 2969 1621

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. **GD**
- Print your name and address on the reverse so that we can return the card to you. **WSS**
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

David Friedman
Bedford Industrial Center, LLC
351 West Hubbard Street, Ste. 304
Chicago, IL 60654

2. Article Number

(Transfer from service label)

7012 0470 0001 2969 1621

PS Form 3811, July 2013

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature **X** *Karie Salinas* ☐ Agent ☒ Addressee

B. Received by (Printed Name) *Karie Salinas* C. Date of Delivery *3/5*

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type

☒ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

UNITED STATES POSTAL SERVICE[®]

11 604

05 MAR '15

PM 5t



First-Class Mail[®]
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4[®] in this box •

Illinois Environmental
Protection Agency
P.O. BOX 19276 MAIL CODE #
SPRINGFIELD, IL 62794-9276

24





ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

BRUCE RAUNER, GOVERNOR

LISA BONNETT, DIRECTOR

217/524-3300

CERTIFIED MAIL

7012 0470 0001 2971 2609

February 5, 2016

EPA DIVISION OF RECORDS MANAGEMENT
RELEASABLE

Bedford Industrial Center, LLC
David Friedman
351 West Hubbard Street
Suite 304
Chicago, Illinois 60654

MAR 16 2016

REVIEWER: JKS

Refer to: 0316640008/Cook County
Bedford Park/United States Can Company
Site Remediation/Technical Reports

Notice of Termination of the Site Remediation Program Application and Services Agreement

Dear Mr. Friedman,

Please be advised that the Illinois Environmental Protection Agency ("Illinois EPA") has, as of this date, terminated the Site Remediation Program Review and Evaluation Services Agreement ("Agreement") with Bedford Industrial Center, LLC for the above referenced site. On March 3, 2010, the Illinois EPA received from Bedford Industrial Center, LLC as the Remediation Applicant, a Site Remediation Program Application and Services Agreement (DRM-1) Form ("Agreement") for review and evaluation of voluntary remedial actions at United States Can Company located at 5401 West 65th Street, Bedford Park, Illinois. Regulations implementing the Site Remediation Program at 35 Illinois Administrative Code ("35 IAC") Section 740.230 authorizes the Illinois EPA to terminate an Agreement when a Remediation Applicant fails to comply with any of the provisions listed in Section 740.230(a) (1)-(4).

The Illinois EPA terminated the Agreement because the following matter was not corrected within 30 days of the Notice of Intent to Terminate letter dated March 3, 2015: the Illinois EPA did not receive a response to the March 3, 2015 Notice of Intent to Terminate letter and no reports have been received for the past two years. If you decide to seek a No Further Remediation letter in the future, you may re-enroll the site by submitting a DRM-1 form and a \$500 pre-payment.

4302 N. Main St., Rockford, IL 61103 (815) 987-7760
595 S. State, Elgin, IL 60123 (847) 608-3131
2125 S. First St., Champaign, IL 61820 (217) 278-5800
2009 Main St., Collinsville, IL 62234 (618) 346-5120

9511 Harrison St., Des Plaines, IL 60016 (847) 294-4000
412 SW Washington St., Suite D, Peoria, IL 61602 (309) 671-3022
2309 W. Main St., Suite 116, Marion, IL 62959 (618) 993-7200
100 W. Randolph, Suite 10-300, Chicago, IL 60601 (312) 814-6026

PLEASE PRINT ON RECYCLED PAPER

If you have any questions concerning this matter, please feel free to contact Greg Dunn at the above telephone number or address.

Sincerely,



Gregory W. Dunn, Acting Manager
Remedial Project Management Section
Division of Remediation Management
Bureau of Land

cc:

NOT RECEIVED
Bureau of Land File
P.J. Gebhardt
Keith Dickerson

ETS Environmental & Associates, Inc.
David Wagner
204 Dearborn Court, Suite 124
Geneva, Illinois 60134

DRAFT



1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

24

2/11/16
Theevok/202

Bedford Industrial Center, LLC
David Friedman
351 West Hubbard St., Ste. 304
Chicago, IL 60654

三三三三

000 DC 1 0002/26/16

RETURN TO SENDER
ATTEMPTED - NOT KNOWN
UNABLE TO FORWARD

329 600-555-1404 4455
6276409276

BC: 62794927676

*1175-05778-26-18



VERIFIED WALL™

五、

3025



2012-0470
00052971P260962702

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

RPMS #241 031664-0008

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. **GD**
- Print your name and address on the reverse so that we can return the card to you. **WJG**
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Bedford Industrial Center, LLC
David Friedman
351 West Hubbard St., Ste. 304
Chicago, IL 60654

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number

(Transfer from service label)

7612 0476 0001 2971 2209

PS Form 3811, July 2013

Domestic Return Receipt



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2629
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

May 24, 2010

CERTIFIED MAIL

7008 1830 0001 4716 2310

David Friedman
Bedford Industrial Center, LLC
351 W. Hubbard Street, Suite 304
Chicago, Illinois 60654

RELEASABLE

JUN 22 2010

REVIEWER MD

Re: 0316640008 / Cook County ✓
Bedford Park / United States Can Company Site
(Property at 5401 W. 65th Street)
Site Remediation Program/Technical Reports

Dear Mr. Friedman:

The Illinois Environmental Protection Agency (IEPA) has reviewed the *Focused Site Investigation Report, Remediation Objectives Report, Remedial Action Plan and Remedial Action Completion Report* (dated February 24, 2010, and received March 4, 2010/Log 10-44115), prepared by ETS Environmental & Associates, Inc. for the above Remediation Site. The document is denied at this time, but will be reconsidered pending satisfactory responses to the following comments and questions.

Item 1. The DRM-1 Form lists the post-remediation use of the property as commercial. No details concerning future use are given in Main Report, other than a description (page 3) that the property is part of the 65th Street Corridor, undergoing study for planned redevelopment to include commercial and retail properties. If possible, for my review notes on the site I would like a bit more information on future use(s).

Item 2. The *Phase I Environmental Site Assessment* was performed in 2004 by ATC Associates Inc. The main portion of this document – but not the Appendices – was submitted to the Agency. For record-keeping purposes, hard copies of Appendices A through H of the *Phase I ESA* should be provided.

Item 3. The *Phase II Environmental Site Assessment* was performed in 2005 by ENVIRON International Corporation. Most of the document – with the exception of Appendix B (laboratory results sheets and related items) – was submitted to the Agency. (1) A hard copy of Appendix B should be provided. (2) It is stated in the *Phase II ESA* (page 1) that a February 2005 *Phases I ESA* prepared by PSI and a November 2004 *Draft Preliminary Phase II ESA* prepared by ATC were used by ENVIRON to develop a work plan and determine sampling locations. As the PSI and ATC documents just described were used in the decision-making process, copies of both should be provided. (3) Boring logs and monitoring well installation diagrams for the 2005 borings/sampling events should be provided.

Rockford • 4302 N. Main St., Rockford, IL 61103 • (815) 987-7760

Elgin • 595 S. State, Elgin, IL 60123 • (847) 608-3131

Bureau of Land – Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462

Collinsville • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

Des Plaines • 9511 W. Harrison St., Des Plaines, IL 60016 • (847) 294-4000

Peoria • 5415 N. University St., Peoria, IL 61614 • (309) 693-5463

Champaign • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800

Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

Printed on Recycled Paper

Item 4. The *Phase I ESA* makes several references to a tunnel beneath the building, used to house utility piping. Where was this tunnel located? Structures such as this can serve as migration pathways for contaminants. The *Phase I ESA* also indicated (page 11) that seven sump pumps existed. Were these located in the tunnel or elsewhere? Please specify.

Item 5. The legal description for the property is very lengthy. If possible, please forward a copy of it in WORD form, via e-mail. This will make it easier to incorporate the description into an NFR letters, with less likelihood of errors.

Item 6. When was the building demolished? Do the rail spurs still exist? Did ETS perform borings and collect samples before or after the building was torn down? The majority of sample results in the Main Report are from the ENVIRON 2005 *Phase II ESA*, when the site was still reportedly occupied by several industrial and commercial tenants. ETS performed some additional sampling in September 2008.

Item 7. IEPA agrees with the evaluation of the site as having Class II groundwater, as described on pages 2 and 3 of the Main Report.

Item 8. Relatively few samples have been collected and analyzed for a 34-acre site. This is especially notable for areas inside the former building. The *Phase I ESA* and *Phase II ESA* identified Recognized Environmental Conditions (RECs) and Areas of Concern (AOCs), based mostly on historical use of the site by Continental Can Company (predecessor to U. S. Can Company) and the locations of various former Underground Storage Tanks (USTs). It is difficult for the Agency to determine the adequacy of the assessment of Continental Can Company activities, since they ceased operations circa 1988 and items such as drawings and detailed descriptions of manufacturing activities have not been provided.

Regarding the amount of sampling performed on the property, it is noted that the ATC 2004 *Phase I ESA* indicated that at the time the site building was approximately 60% occupied by a variety of tenants. The most significant of these appears to have been the Raani Corporation, a manufacturer of health and beauty products which occupied approximately 220,000 square feet in the west portion of the site and reportedly stored approximately 1900 chemicals. The *Phase I ESA* does not provide any information concerning what storage or manufacturing activities occurred in specific areas of the Raani facilities. It appears that no samples were collected anywhere on the former Raani-occupied parcels.

Item 9. Based on the information submitted, it appears that the most significant contamination is the metals concentrations (mostly Arsenic and Lead at several locations, and Mercury at GP-10 and GP-30) in the south portion of the property, in the general vicinity of the (existing or former?) rail spurs. A variety of AOCs were identified in the general area. Any speculation on what the main contributor(s) was/were to the elevated metals concentrations?

Item 10. The ENVIRON 2005 *Phase II ESA* included the installation of six temporary monitoring wells, with groundwater samples collected at four while the other two were dry. Of the four wells

that were sampled, Class II Groundwater Remediation Objectives (most significantly Arsenic and Lead) were exceeded at only GPW-10 – which was located in the midst of the area of greatest soil contamination. The ETS 2009 Main Report includes samples results for five permanent monitoring wells that were installed and sampled in 2008, with all metals result meeting GROs. ETS makes the argument (page 11) that only the 2008 groundwater samples should be considered for metals, since the 2005 temporary wells were not adequately developed and purged. Please note that the IEPA Site Remediation Program will generally accept follow-up results from a proper permanent well as being more indicative of groundwater conditions than results from a temporary well that was sampled soon after the boring was made. HOWEVER, this is true when a permanent well is in the same approximate area as a temporary well. In this case, it appears that the nearest permanent well to GPW-10 is at least 500 feet away. If it is desired to have follow-up groundwater analyses results considered in lieu of the GPW-10 results, a proper permanent well should be installed approximately where GPW-10 was located – in the area of apparent greatest metals contamination.

Item 11. Figure 10 of the Main Report indicates a soil contamination plume in the northeast corner, for PNAs and Arsenic. Page 13 of the Main Report has a statement referring to the same contamination. This appears correct for PNAs, but why Arsenic?

Item 12. Use of Engineered Barriers – The concept of using engineered barriers to address excursions of the Tier 1 Commercial/Industrial Ingestion and Inhalation SROs is acceptable. However, on what basis were the areas to be subject to barriers defined? In general, it is conservative and easy to justify sizing barriers by extending them to the nearest “clean” boring – as indicated by concentrations of contaminants below the applicable SROs – or property boundary in each direction. (1) For the proposed barrier in the northeast corner, I would accept extending the barrier to the property boundary to the north, location GP-2 to the south, and location GP-27 to the west. (2) For the proposed south barrier, it appears that the barrier is to end (to the west) very near location GP-40, where the reported Arsenic concentrations were 1800 mg/kg at a depth of two feet and 1100 mg/kg at a depth of 5.5 feet. As there are no “clean” boring results further to the west to limit the barrier, it appears prudent to extend it to the west property boundary.

Item 13. Use of Construction Worker Caution – Page 13 of the Main Report indicates that a Construction Worker Caution will apply to the entire property. This appears to be appropriate and is approved. For the sake of clarity, please provide a list of the contaminants for which the Construction Worker Caution is to apply – Soil Ingestion and Soil Inhalation.

Item 14. SPLP Arsenic Concentration at ETS-6, Depth of 5 Feet – The SPLP Arsenic concentration at this location was reported as 7.30 mg/l. This is above the Hazardous Toxicity Characteristic limit of 5.0 mg/l, per 35 Ill. Adm. Code 721.124. (Refer also to TACO Section 742.305). It is recommended that additional SPLP analyses be performed, to define the extent of excursions of the Hazardous Toxicity Characteristic limits. This may also be an issue for Lead and/or Mercury. For example, no SPLP analyses were performed in the immediate vicinity of location GP-15, where at a depth of 1 foot the Arsenic, Lead and Mercury soil concentrations were respectively reported as 6500 mg/kg, 3000 mg/kg and 250 mg/kg.

Item 15. Tier 2 Modeling/Need to Address Metals – Mathematically, the Tier 2 modeling calculations performed to address PNA excursions of the Tier 1 Class II GROs and Benzene excursions of the Tier 1 Class II SROs were performed satisfactorily. However, metals have not yet been satisfactorily addressed. (1) For example, when the SPLP Arsenic result of 7.30 mg/l, from soil sample location ETS-6, is plugged into R26, the predicted distance to meet the Class II GRO of 0.2 mg/l is approximately 1800 feet. (2) If the Arsenic groundwater sample result of 47 mg/l, from GPW-10, is plugged into R26, the predicted distance to meet the Class II GRO is more than a mile.

Item 16. ETS Conclusion That Impacted Groundwater Does Not Migrate Off-Site/Use of the Bedford Park Groundwater Ordinance – Based on the available data, the Agency does not agree with the conclusion that impacted groundwater does not migrate off-site. Of course, the use of the Groundwater Ordinance is acceptable as a mechanism to inform other property owners of modeled or measured groundwater contamination.

The IEPA requests a written response to the items just described. Please submit to the Agency two (2) copies of all future correspondence regarding the site. All correspondence should be directed to the first address indicated at the top of the first page. If you have any questions or desire additional information, please contact me at (217) 557-8085.

Sincerely,



Timothy D. Zook
Project Manager
Remedial Project Management Section
Bureau of Land

cc: David Wagner
ETS Environmental & Associates, Inc.
204 Dearborn Court, Suite 124
Geneva, Illinois 60134

Division File

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Illinois Environmental Protection Agency

P.O. Box 19276 Mail Code #

Springfield, IL 62794-9276



10-44115

0316640008

Illinois Environmental Protection Agency
Bureau of Land
Remedial Project Management Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

FOR ILLINOIS EPA USE 10/44115

LOG No. _____

0316640008

\$500 Advance Partial Pa

UNITED STATES CAN CO
SR/TECH

DRM-2 SRP Form Inclu.

DRM-3 Request for Assessment Included

Site Remediation Program Application and Services Agreement (DRM- 1) Form

I. Site Identification:

Site Name: <u>Bedford Industrial Center, LLC</u>	
Street Address: <u>5401 W. 65th Street</u>	P.O. Box: _____
City: <u>Bedford Park</u>	ZIP Code: <u>60638</u>
County: <u>Cook</u>	Approximate Size of Site (Acres): <u>34</u>
Illinois Inventory I.D. Number: _____	USEPA I.D. Number: _____
Site Base Map Attached: <input checked="" type="checkbox"/>	Illinois EPA Permit(s): _____
LUST/IEMA Incident Number(s), if applicable: _____	

RECEIVED

II. Remediation Applicant ("RA"):

ORIGINAL

MAR 04 2010

RA's Name: <u>David Friedman</u>	Title: _____
Company: <u>Bedford Industrial Center, LLC</u>	
Street Address: <u>351 W. Hubbard Suite 304</u>	P.O. Box: _____
City: <u>Chicago</u>	State: <u>IL</u> ZIP Code: <u>60654</u>
Phone: <u>312-274-1700 ext 11</u>	FEIN or SSN: <u>20-3203686</u>

IEPA/BOL

I hereby certify that I am authorized to sign this application and services agreement. I certify that the proposed project meets the eligibility criteria set forth in Section 58.1(a)(2) of the Environmental Protection Act (415 ILCS 5/58.1(a)(2)) and regulations promulgated thereunder and that this submittal and all attachments were prepared at my direction. In consideration for the Illinois EPA's agreement to provide (subject to applicable law, available resources, and receipt of the advance partial payment) review and evaluation services for activities carried out pursuant to Title 17 of the Illinois Environmental Protection Act (415 ILCS 5/58-58.12), I agree to:

- (1) Conform with the procedures of Title 17 of the Illinois Environmental Protection Act (415 ILCS 5/58 - 58.12) and implementing regulations;
- (2) Allow for or otherwise arrange site visits or other site evaluations by the Illinois EPA when requested;
- (3) Pay any reasonable costs incurred and documented by the Illinois EPA in providing such services*; and
- (4) Make an advance partial payment to the Illinois EPA for such anticipated services provided in Section V of this application.

As the Remediation Applicant, I understand that I may terminate this services agreement at any time, by notifying the Illinois EPA in writing that services previously requested under the services agreement are no longer wanted. Within 180 days after receipt of the notice, the Illinois EPA shall provide me with a final invoice for services provided until the date of receipt of such notification.

To the best of my knowledge and belief, this request and all attachments are true, accurate and complete. I hereby certify that I have the authority to enter into this agreement.

RA's Signature: [Signature]Date: 3/1/10

*In addition to the fees applicable under this Services Agreement, the recipient of a No Further Remediation Letter must pay to the Illinois EPA a No Further Remediation Assessment in the amount of the lesser of \$2500 or an amount equal to the costs incurred by the Illinois EPA under this Agreement (35 IAC 740.615).

REFASABLE

MAR 08 2010

REVIEWER A

III. Project Objectives:

A.	Release Letter Requested. Please complete one of the subsections by checking applicable boxes and including other information (if necessary, additional information may be attached to this application form):	
<input checked="" type="checkbox"/>	Comprehensive No Further Remediation ("NFR") Letter	
<input type="checkbox"/>	Focused NFR Letter Identify the focused contaminants of concern by checking the applicable box(es): <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <input type="checkbox"/> Volatiles <input type="checkbox"/> BTEX <input type="checkbox"/> PCBs <input type="checkbox"/> Metals <input type="checkbox"/> Pesticides <input type="checkbox"/> Other (identify): _____ </div> <div style="width: 50%;"> <input type="checkbox"/> Semivolatiles <input type="checkbox"/> PNAs </div> </div>	
<input type="checkbox"/>	4(y) Letter Identify the focused contaminants of concern by checking the applicable box(es): <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <input type="checkbox"/> Volatiles <input type="checkbox"/> BTEX <input type="checkbox"/> PCBs <input type="checkbox"/> Metals <input type="checkbox"/> Pesticides <input type="checkbox"/> Other (identify): _____ </div> <div style="width: 50%;"> <input type="checkbox"/> Semivolatiles <input type="checkbox"/> PNAs </div> </div> Identify the media of concern by checking applicable boxes: <input type="checkbox"/> Soil <input type="checkbox"/> Sediments <input type="checkbox"/> Other: _____ Identify the actions (e.g., drum removal, spill response, etc.): <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div>	
B.	Identify any support services being sought from the Illinois EPA in addition to the review and evaluation services (if necessary, additional information may be attached to this application form):	
	<input checked="" type="checkbox"/> No additional support services are being sought <input type="checkbox"/> Assistance with community relations <input type="checkbox"/> Sample collection and analyses <input type="checkbox"/> Other (identify): _____	
C.	Anticipated Schedule	
	SRP Document	Projected Date of Receipt by Illinois EPA
	Site Investigation Report	Attached
	Remediation Objectives Report	Attached
	Remedial Action Plan	Attached
	Remedial Action Completion report	Attached
D.	Identify the current and post-remediation uses of the remediation site (if necessary, additional information may be attached to this application form):	
	Current Use: Vacant	
	Post-Remediation Use: Commercial	

IV. Written Permission from the Property Owner (check one of the applicable boxes and provide additional information):

<input checked="" type="checkbox"/> RA is the property owner of the remediation site identified in Section I of this application.	
<input type="checkbox"/> RA is not the property owner of the remediation site identified in Section I of this application.	
Property Owner's Name: _____	
Title: _____	
Company: _____	
Street Address: _____ P.O. Box: _____	
City: _____ State: _____ ZIP Code: _____ Phone: _____	
I hereby certify that the Remediation Applicant has my permission to enroll the site identified in Section I of this application into the Illinois EPA Site Remediation Program. I certify that the Remediation Applicant and designated representatives have permission to enter upon the indicated premises for the purpose of conducting remedial investigations or activities.	
Owner's Signature: _____	Date: _____
For multiple property owners, attach additional sheets containing all the information above along with a signed, dated certification for each.	

V. Advance Partial Payment:

The Remediation Applicant shall select one of the following advance partial payment plans:	
<input checked="" type="checkbox"/>	Plan 1: A \$500 advance partial payment is included with this application. Please make the check payable to: "Illinois Environmental Protection Agency". Please include "For Deposit in the Hazardous Waste Fund" and the Remediation Applicant's FEIN or SSN on the check; or
<input type="checkbox"/>	Plan 2: Request that the Illinois EPA determine the appropriate partial payment (i.e., approximately one-half of the total anticipated costs of the Illinois EPA, not to exceed \$5,000). A completed <u>DRM-3 form</u> ("Request for Assessment of Advance Partial Payment for Anticipated Services") must accompany this application so that the Illinois EPA may determine the appropriate advance partial payment specific to the services requested.
NOTE: Illinois EPA cannot refund payments without a legislative appropriation. Payment under Plan 1 accelerates the review process but increases the risk of forfeiting the payment if the applicant is ineligible. Payment under Plan 2 may result in a larger advance partial payment when a final determination is made on the application, but it reduces the risk of forfeiture.	

If this application contains plans and reports for review and evaluation by the Illinois EPA, a completed Form DRM-2 must also accompany this submittal.

The Illinois EPA is authorized to require this information under Section 415 ILCS 5/58-58.12 of the Environmental Protection Act and regulations promulgated thereunder. Disclosure of this information is required as a condition of participation in the Site Remediation Program. Failure to do so may prevent this form from being processed and could result in your application being rejected. This form has been approved by the Forms Management Center. All information submitted as part of this Application is available to the public except when specifically designated by the Remediation Applicant to be treated confidentially as a trade secret or secret process in accordance with the Illinois Compiled Statutes, Section 7(a) of the Environmental Protection Act, applicable Rules and Regulations of the Illinois Pollution Control Board and applicable Illinois EPA rules and guidelines.

Illinois Environmental Protection Agency
Bureau of Land
Remedial Project Management Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276


FOR ILLINOIS EPA USE:
LOG NO. _____

Site Remediation Program Form (DRM-2)
(To Be Submitted with all Plans and Reports)

I. Site Identification:

Site Name: <u>Bedford Industrial Center LLC</u>			
Street Address: <u>5401 W. 65th Street</u>		P.O. Box: _____	
City: <u>Bedford Park</u>	State: <u>IL</u>	Zip: <u>60638</u>	Phone: _____
Illinois Inventory I. D. Number: _____		IEMA Incident Number: _____	

II. Remediation Applicant:

Applicant's Name: <u>David Friedman</u>		Company: <u>Bedford Industrial Center LLC</u>	
Street Address: <u>351 W. Hubbard Suite 304</u>		P.O. Box: _____	
City: <u>Chicago</u>	State: <u>IL</u>	ZIP Code: <u>60654</u>	Phone: <u>312-274-1700 ext 11</u>
I hereby request that the Illinois EPA review and evaluate the attached project documents in accordance with the terms and conditions of the Environmental Protection Act (415 ILCS 5), implementing regulations, and the review and evaluation services agreement.			
Remediation Applicant's Signature: 		Date: <u>3/1/10</u>	

III. Contact Person:

Contact's Name: <u>David Wagner</u>	Contact's Name: _____
Company: <u>ETS Environmental</u>	Company: _____
Street Address: <u>204 Dearborn Court, Suite 124</u>	Street Address: _____
P.O. Box: _____	P.O. Box: _____
City: <u>Geneva</u> State: <u>IL</u> ZIP Code: <u>60134</u>	City: _____
Phone: <u>630-510-4710 ext 301</u>	Phone: _____

RECEIVED
MAR 04 2010
IEPA/BOL

IV. Review & Evaluation Licensed Professional Engineer or Geologist ("RELPEG"), if applicable:

RELPEG's Name: _____	Company: _____
Street Address: _____	P.O. Box: _____
City: _____ State: _____ ZIP Code: _____	Phone: _____
Registration Number: _____	License Expiration Date: _____

All information submitted is available to the public except when specifically designated by the Remediation Applicant to be treated confidentially as a trade secret or secret process in accordance with the Illinois Compiled Statutes, Section 7(a) of the Environmental Protection Act, applicable Rules and Regulations of the Illinois Pollution Control Board and applicable Illinois EPA rules and guidelines. The Illinois EPA is authorized to require this information under Sections 415 ILCS 5/58 - 58.12 of the Environmental Protection Act and regulations promulgated thereunder. Disclosure of this information is required as a condition of participation in the Site Remediation Program. Failure to do so may prevent this form from being processed and could result in your plan(s) or report(s) being rejected. This form has been approved by the Forms Management Center.

RELEASEABLE

MAR 08 2010

REVIEWER MD

V. Project Documents Being Submitted:

Document Title: <u>Comprehensive Site Investigation/ROR/RAP /RACR</u>	Date of Preparation of Plan or Report: <u>January 2009</u>
Prepared by: <u>ETS Environmental & Associates, Inc.</u>	Prepared for: <u>Bedford Industrial Center, LLC</u>
Type of Document Submitted:	
<input checked="" type="checkbox"/> Site Investigation Report - Comprehensive	<input type="checkbox"/> Sampling Plan
<input type="checkbox"/> Site Investigation Report - Focused	<input type="checkbox"/> Health and Safety Plan
<input checked="" type="checkbox"/> Remediation Objectives Report-Tier 1or 2	<input type="checkbox"/> Community Relations Plan
<input type="checkbox"/> Remediation Objectives Report-Tier 3	<input type="checkbox"/> Risk Assessment
<input checked="" type="checkbox"/> Remedial Action Plan	<input type="checkbox"/> Contaminant Fate & Transport Modeling
<input checked="" type="checkbox"/> Remedial Action Completion Report	<input type="checkbox"/> Other: _____

Document Title: _____	Date of Preparation of Plan or Report: _____
Prepared by: _____	Prepared for: _____
Type of Document Submitted:	
<input type="checkbox"/> Site Investigation Report - Comprehensive	<input type="checkbox"/> Sampling Plan
<input type="checkbox"/> Site Investigation Report - Focused	<input type="checkbox"/> Health and Safety Plan
<input type="checkbox"/> Remediation Objectives Report-Tier 1or 2	<input type="checkbox"/> Community Relations Plan
<input type="checkbox"/> Remediation Objectives Report-Tier 3	<input type="checkbox"/> Risk Assessment
<input type="checkbox"/> Remedial Action Plan	<input type="checkbox"/> Contaminant Fate & Transport Modeling
<input type="checkbox"/> Remedial Action Completion Report	<input type="checkbox"/> Other: _____

VI. Professional Engineer's or Geologist's Seal or Stamp:

I attest that all site investigations or remedial activities that are the subject of this plan(s) or report(s) were performed under my direction, and this document and all attachments were prepared under my direction or reviewed by me, and to the best of my knowledge and belief, the work described in the plan and report has been designed or completed in accordance with the Illinois Environmental Protection Act (415 ILCS 5), 35 Ill. Adm. Code 740, and generally accepted engineering practices or principles of professional geology, and the information presented is accurate and complete.

Engineer or Geologist Name: Bernard Bono

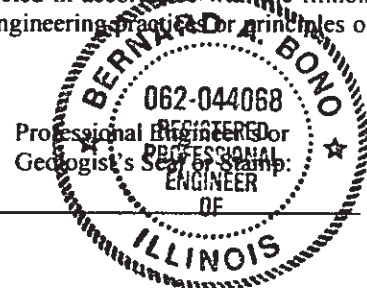
Company: ETS Environmental & Associates, Inc.

Phone: 630-513-4710

Registration Number: 062-044068

Signature: Bernard Bono

License Expiration Date: 11/30/11



Note: The authority of a Licensed Professional Geologist to certify documents submitted to the Illinois Environmental Protection Agency for review and evaluation pursuant to Title XVII of the Environmental Protection Act is limited to Site Investigation Reports (415 ILCS 58.7(f), as amended by P.A. 92-0735, effective July 25, 2002). A Licensed Professional Geologist cannot certify Remediation Objectives Reports, Remedial Action Plans or Remedial Action Completion Reports.

ETS ENVIRONMENTAL & ASSOCIATES
204 Dearborn Court, Suite 124
Geneva, IL 60134
630-513-4710

UNION NATIONAL BANK
ELGIN, ILLINOIS 60120
70-997719

7779

3/2/2010

PAY TO THE ORDER OF Illinois Environmental Protection Agency

\$ **500.00

Five Hundred and 00/100 ***** DOLLARS

TWO SIGNATURES REQUIRED FOR CHECKS OVER \$1,000.00

Stanley M. Meyer

MEMO

for deposit into hazardous waste fund - FEIN #20-32

⑈00??79⑈ ⑆071900993⑆ ⑈837⑈500⑈

ETS ENVIRONMENTAL & ASSOCIATES, INC.

Illinois Environmental Protection Agency

3/2/2010

500.00

7779

RELEASABLE

MAR 08 2010

REVIEWER: JMD

Union National Bank for deposit into hazardous waste fund - FEIN #2

500.00

10-44115

0316640008
United States
Can Co
SR/Tech

ORIGINAL

**COMPREHENSIVE SITE INVESTIGATION REPORT (FSIR),
REMEDIAL OBJECTIVES REPORT (ROR),
REMEDIAL ACTION PLAN (RAP) AND
REMEDIAL ACTION COMPLETION REPORT (RACR)**

Bedford Industrial Center, LLC
5401 W. 65th Street
Bedford Park, Illinois 60638

ETS Project No. 08-0405A

February 24, 2010

RECEIVED

MAR 04 2010

IEPA/BOL

Performed by:

ETS Environmental & Associates, Inc.
204 Dearborn Court, Suite 124
Geneva, Illinois 60134
(630) 513-4710

RELEASABLE

MAR 08 2010

REVIEWER MD

Prepared By: _____

Debra Hagerty

Reviewed By: _____

David Wagner

Table of Contents

	Page
EXECUTIVE SUMMARY	i
COMPREHENSIVE SITE INVESTIGATION REPORT	1
1.0 SITE CHARACTERIZATION	1
1.1 Site Background and Sources Consulted	1
1.2 Site Description	1
1.3 Regional Location	1
1.4 Pertinent Boundary Features	2
1.5 General Facility Physiography	2
1.6 Geology	2
1.7 Site Hydrogeology	2
1.8 Current and Post Remediation Uses of the Site and Adjacent Properties	3
1.9 Legal Description	3
1.10 Receptor Survey	3
1.11 Existing and Potential Migration Pathways and Exposure Routes	4
2.0 SITE SPECIFIC SAMPLING PLAN	4
2.1 Statement of Quality Assurance	4
2.2 Report Summaries	4
3.0 ENDANGERMENT ASSESSMENT	8
3.1 Soil Investigation	8
3.2 Groundwater Investigation	11
4.0 COMPREHENSIVE SITE INVESTIGATION CONCLUSION	11
REMEDIAL OBJECTIVES REPORT	12
1.0 SITE INVESTIGATION SUMMARY	12
1.1 Soil Investigation	12
1.2 Groundwater Investigation	12
2.0 EXPOSURE ROUTE EVALUATION	12
REMEDIAL ACTION PLAN	18
 FIGURES	
Figure 1 - USGS Topographic Map	
Figure 2 - Site Map	
Figure 3 - Surrounding Use Map	
Figure 4 - Cross-Section	
Figure 5 - Groundwater Flow Direction	
Figure 6 - Water Well Survey	
Figure 7 - Wellhead Protection Areas	
Figure 8 - Historical Soil Boring Locations – Environ 2005	
Figure 9 - ETS Boring Locations	
Figure 10 - Approximate Location of Soil Impact Plumes	
Figure 11 - Institutional Control Map	

RELEASABLE

MAR 08 2010

REVIEWER 10

TABLES

Table 1 - ATC Identified RECs and Notable Findings
Table 2 - Environ Identified Areas of Environmental Concern
Table 3 - Soil VOC Analytical Results
Table 4 - Soil SVOC Analytical Results
Table 5 - Soil PNA Analytical Results
Table 6 - Soil Total Metal Analytical Results
Table 7 - Soil SPLP Metal Analytical Results
Table 8 - Soil PCB Analytical Results
Table 9 - Soil Pesticides/Herbicides Analytical Results
Table 10 - Groundwater Elevation Data
Table 11 - Groundwater VOC Analytical Results
Table 12 - Groundwater SVOC Analytical Results
Table 13 - Groundwater PNA Analytical Results
Table 14 - Groundwater Metals Analytical Results

APPENDICES

Appendix A - Historical Reports
Appendix B - Soil Boring Logs
Appendix C - Hydraulic Conductivity Testing Results
Appendix D - Legal Description
Appendix E - Water Well Information
Appendix F - Methods
Appendix G - Laboratory Reports
Appendix H - Calculation Spreadsheets

EXECUTIVE SUMMARY

The subject site is a vacant industrial/commercial facility located at 5401 W. 65th Street in Bedford Park, Cook County, Illinois (please refer to Figure 1 – Topographic Map). The site is approximately 34 acres in size and the building (which has been demolished) was approximately 1,053,781 square feet. The building consisted of thirteen sections ranging from one to four stories atop a concrete slab on-grade foundation. The building was surrounded by asphalt-paved driveways and parking lots, and gravel and grassy areas. A Comprehensive Site Investigation was conducted at the subject site as described within this Comprehensive Site Investigation Report.

A draft “Comprehensive No Further Remediation” letter is requested for the subject site. The following institutional controls will be used at the subject property as part of the focused no further remediation status:

- Commercial/Industrial Land Use Restriction for the subject property
- Reliance upon the City of Bedford Park groundwater ordinance

Additionally, since the building has been demolished, an engineered barrier will be constructed along the south and northeastern portion of the site. Upon completion of the engineered barrier a Final “No Further Remediation” letter will be requested.

Please refer to the enclosed report for a description of site investigation activities, exposure route evaluations and detailed description of institutional controls.

COMPREHENSIVE SITE INVESTIGATION REPORT

The purpose of this comprehensive site investigation is to summarize site investigation activities completed at the subject property (Parcel Identification Numbers 19-21-113-014 through 016, 019 through 022, 030, 033 and 19-21-114-002) in order to obtain a comprehensive “No Further Remediation” (NFR) letter through the Site Remediation Program (SRP).

1.0 SITE CHARACTERIZATION

1.1 Site Background and Sources Consulted

Historical research indicates that the site was developed with an industrial building in the 1920's. The site building was reportedly constructed in the 1920's with building additions constructed in the 1920's, 1930's, 1941's and 1960. The entire site building was constructed by 1960. The occupant of the site building from the 1920's to approximately 1978 was Continental Can Company. Please note that the building has been demolished. After 1978, multiple tenants have occupied the site building.

The following historical reports, prepared by others were used as references for this investigation report (available copies of these reports or portions of these reports are included in Appendix A):

- *Phase I Environmental Site Assessment*, dated October 28, 2004 prepared by ATC Associates, Inc. (ATC) on behalf of Walton Street Capital, LLC.
- *Phase II Environmental Site Assessment*, dated July 2005 prepared by Environ International Corporation (Environ) on behalf of Gibson, Dunn & Crutcher LLP on behalf of DWB Investors/Van Born Associates.
- *UST Closure Activities and Soil Sampling* dated August 20, 2008 prepared by Roux Associates Inc. (Roux) on behalf of Avis Budget Group, Inc.

1.2 Site Description

The subject site is located at 5401 West 65th Street in Bedford Park, Illinois (please refer to Figure 1 – Site Location Map). The site is approximately 34 acres in size and the building (which has been demolished) is approximately 1,053,781 square feet. The building consisted of thirteen sections ranging from one to four stories atop a concrete slab on-grade foundation. The building was surrounded by asphalt-paved driveways and parking lots, and gravel and grassy areas. Please refer to Figure 2 for a site map.

1.3 Regional Location

The subject site is located in Section 21 of Township 38 North and Range 13 East, in the City of Bedford Park, Cook County, Illinois. The site is situated in an area of mixed development including residential and industrial properties. Please refer to Figure 3 – Surrounding Land Use Map.

1.4 Pertinent Boundary Features

The site is approximately 34 acres. The site is bounded to the north by 65th Street, industrial properties to the east and west and railroad tracks to the south.

1.5 General Facility Physiography

The site is approximately 615 feet above mean sea level. Precipitation would either percolate into the ground or be directed toward the storm drainage system on-site and in the roadways. The surface cover of the site consists of pavement and gravel.

1.6 Geology

According to the Illinois State Geological Survey (ISGS) publication *Surficial Geology of the Chicago Region* subsurface deposits in the site vicinity are Lake Plain which is characterized by floors of glacial lakes flattened by wave erosion and minor deposition in low areas. This is largely underlain by glacial till consisting of thin deposits of silt, clay and sand of the Equality Formation. According to the ISGS publication *Geologic Map of Illinois* bedrock in the site vicinity consists of Silurian aged dolomitic limestone at approximate depths of 110 to 120 feet below ground surface. Soil borings completed at the site indicate silty clay to a depth of approximately 16 feet below ground surface (bgs). ETS soil boring logs are also included in Appendix B. A site cross section is provided as Figure 4.

1.7 Site Hydrogeology

Hydrogeologic conditions at the site were assessed in accordance with the provisions established in 35 Illinois Administrative Code (IAC) 620.210- Groundwater Designations. Following these provisions, the site has been categorized as Class II Groundwater. The Class II designation is based on the following factors:

- The site is not located within the minimum setback zone of 200 and 400 feet for private and commercial water supply wells, respectively (see Section 1.10 Receptor Survey).
- No naturally occurring unconsolidated saturated sand, gravel, or sand and gravel 5 feet or more in thickness exists based on borings logs available for the site.
- No sandstone or fractured carbonate exists which is 10 to 15 feet or more in thickness, respectively based on boring logs available for the site.
- The hydraulic conductivity of the subsurface material calculated from a slug test performed on MW-1 is 3.17×10^{-5} centimeters per second (cm/s). Please refer to Appendix C.

Based on the groundwater classification for the site, the available soil and groundwater analytical data will be compared to Tier 1 remediation objectives for Class II Groundwater for both the groundwater component and the soil component of the groundwater ingestion exposure pathways. Water supply well documentation is discussed below in Section 1.10. Soil boring and monitoring well construction logs are located in Appendix B. Hydraulic conductivity calculations from a slug test conducted on October 7, 2008 are provided in Appendix C. Other hydrogeological information obtained on October 7, 2008 is as follows:

- Depth to groundwater: approximately 3.86 to 12.3 feet below the top of casing
- Groundwater Flow Direction: to the northwest (Figure 5)
- Hydraulic Gradient using the United State Geologic Survey (USGS) three point method: 0.0149 ft/ft (between MW-1,2,3)

1.8 Current and Post Remediation Uses of the Site and Adjacent Properties

The site is currently owned by Bedford Industrial Center LLC and is vacant. The site is situated in an area of mixed development including residential and industrial properties. The subject property is currently zoned as heavy industrial, however the subject property is part of the 65th Street Corridor which is undergoing study for planned redevelopment to include commercial and retail properties. Based on this, it is likely that the zoning will be modified in the future. A commercial land use restriction will be applied to the subject property.

1.9 Legal Description

The property index number is Parcel Identification Numbers 19-21-113-014 through 016, 019 through 022, 030, 033 and 19-21-114-00206-17-200-027 & 39. The legal description is included in Appendix D.

1.10 Receptor Survey

ETS consulted the Illinois Environmental Protection Agency (IEPA) Source Water Assessment Program (SWAP) database to identify private and community water supply wells, as well as their wellhead protection areas, near the subject site. The SWAP water well databases include information about private, community and industrial water wells that have been registered with the state. According to the SWAP records, no private or community water wells are located within 2,500 feet of the subject site. The nearest identified private water supply well was identified at approximately 4,200 feet from the subject site. The subject site is not located within any wellhead protection areas or regulated recharge areas. The City of Bedford Park has an IEPA approved groundwater ordinance. Please refer to Figures 6 and 7 and Appendix E for SWAP information.

According to the Source Water Assessment Summary obtained from the IEPA web page and a discussion with a representative from the City of Bedford Park, source water for the city is obtained from the City of Chicago and the source water is Lake Michigan (please refer to Appendix E).

According to the USGS Topographic Map, the nearest surface body of water is located in Tackington Park located approximately two (2) miles east of the subject property. The Chicago Sanitary and Shipping Canal is located approximately 2.5 miles northwest of the subject property.

1.11 Existing and Potential Migration Pathways and Exposure Routes

No significant existing or potential migration pathways were identified.

2.0 SITE SPECIFIC SAMPLING PLAN

2.1 Statement of Quality Assurance

Please refer to historical reports provided in the Appendices for a detailed discussion of the sampling plans, the information is provided in summary form below. ETS methods are provided in Appendix F.

2.2 Report Summaries

Phase I ESA dated October 2004 prepared by ATC

Please refer to Appendix A. This Phase I ESA was performed in conformance with the scope and limitations of ASTM Standard Practice E. 1527-00. According to the report, the site building was approximately 60% occupied at the time of the site visit. One tenant, Raani Corporation conducted manufacturing operations on site. Raani Corporation manufactured shampoo, deodorant and other health and beauty products. Raani Corporation stored approximately 1,900 chemicals on-site. Other tenants on site included the following.

TENANT LIST		
Tenant Name	Space	Square Footage
A & N Packaging	Suite C	9,216
AB & D Custom Cabinet Company	Suite J and N	34,364
Agati, Inc.	Suite B	2,790
American Building Systems	Suite T	3,567
Arjay Painting Service	Suite B	775
Art Wire Acquisition Company	Suite B and Suite G	37,740
Budget Rent-A-Car Systems	Suite K and outside storage	21,200
Casey Tool/Lock Technology	Suite A and Suite T	10,867
EJ Metal Products	Suite L	18,294
Embroidery Center, Inc.	Suite B	6,660
European Quality Millwork/Woodland Cabinets	Suite J	11,755
HVAC Tech	Suite B	11,212
Insure One	Suite B	6,990
J & J Woodwork	Suite A and N	13,464
KFR	Suite J and A	8,500
Raani Corporation	Bldg A, B, D, E	219,799
Retail One	Suite N and M	48,636
Richmond Asset Management	Suite A	4,592
Smith Power Transmission	Suite B	2,000
Union Cartage	Suite C	12,284
USA Displays	Suite J and K	32,884
Wal-Mart Store 1938	Suite K	49,675

Woodland Cabinets	Suite L	12,541
Vacant		409,392

ATC identified the following historical recognized environmental condition (HREC):

- **Former On-Site LUST Incident**

LUST incident 933025 was reported in November 1993 following the removal of USTs #2 and #9. These USTs were located west of Building F. The Illinois Environmental Protection Agency (IEPA) issued a No Further Remediation (NFR) letter on September 26, 1994.

Additionally, ATC identified numerous recognized environmental conditions (RECs) and notable findings. Please refer to Table 1 for a summary list of the identified RECs and notable findings, detailed findings are included in the report provided in Appendix A. Based on the results of the assessment ATC recommended a series of file reviews and investigations as summarized in Appendix A.

Phase II ESA dated July 2005 prepared by Environ

Please refer to Appendix A for additional information. Environ developed a work scope upon review of the Phase I ESA prepared by ATC and dated October 28, 2004 (see above), a Draft Preliminary Phase II ESA prepared by ATC and dated November 30, 2004 and a Phase I ESA prepared by PSI and dated February 23, 2005. Please note that the Draft Preliminary Phase II ESA and the Phase I ESA prepared by PSI have not been provided for review for this site investigation.

Based on their review of the previous reports, Environ identified thirty-two (32) on-site environmental areas of concern and seven (7) off-site environmental areas of concern. Please refer to Figure 2 and Table 2 for the locations and descriptions of the areas of concern. Based on these identified areas Environ drilled twenty-eight (28) soil borings, twenty-two (22) of the borings (GP-2 through GP-39) were drilled in an identified area of concern. The remaining six (6) borings (GP-40 through GP-45) were outside of the identified areas of concern. Additionally, six (6) of the borings (GP-2, GP-10, GP-16, GP-18, GP-39 and GP-40) were converted to temporary monitoring wells for preliminary screening of groundwater. Soil boring locations are provided on Figure 8. Soil samples were collected from the soil interval(s) exhibiting the highest PID readings or from near the ground surface for laboratory analysis. At certain boring locations, deeper soil samples (just above the water table) were also collected. Each collected soil sample was analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Selected soil samples were also analyzed for RCRA metals, chlorinated herbicides, organochloride pesticides, and/or polychlorinated biphenyl compounds (PCBs). One sample was also analyzed for Total Organic Carbon (TOC). Groundwater samples could not be collected from temporary wells GP-39 and GP-40 due to lack of water. The collected groundwater samples were analyzed for VOCs, SVOCs and RCRA metals, depending upon the amount of water collected. Please note that soil boring logs were not provided in the Environ report. Analytical results are summarized on Tables 3 through 14 and in the Environ report included in Appendix A.

The following is a summary of analytical results:

- Soil VOCs - Results exceeded applicable soil remediation objectives at areas E-10, E-30 and boring GP-45, although exceedances at GP-45 were due to elevated detection limits. Environ also indicated that boring GP-41 (at the northwest corner of the site) exceeded the Class I groundwater soil component to groundwater ingestion exposure route for tetrachloroethene. Please note that the tetrachloroethene result was below the Class II groundwater soil component to groundwater ingestion exposure route remediation objective.
- Soil SVOCs - Results exceeded applicable soil remediation objectives at area E-28 (benzo(a)pyrene). Areas E-10, E-23, E-30 and boring GP-45 had exceedances due to elevated detection limits.
- Soil Metals - Results exceeded applicable soil remediation objectives across the site, highest concentrations were observed at areas E-10, E-13, E-22, E-30 and boring GP-40. Please note that no pH samples were collected during the assessment, so analytical results were compared to most conservative soil component to groundwater remediation objective for each specific metal.
- Soil PCBs - Results were below applicable soil remediation objectives
- Soil Pesticides/
Herbicides Results were below applicable soil remediation objectives
- GW VOCs - Results were below applicable groundwater remediation objectives
- GW SVOCs - Results exceeded applicable groundwater remediation objectives at area E-10.
- GW Metals - Results exceeded applicable groundwater remediation objectives at area E-10.

Environ also submitted a sample for total organic carbon (TOC) analysis, no information was provided as to the location of the TOC sample. TOC results using Method D2974-87 were 2.8%. Environ concluded that no immediate environmental concerns were identified due to the presence of the Bedford Park groundwater ordinance, however additional investigation would likely be necessary if the site were enrolled into the Site Remediation Program.

Please note that elevated detection limits that exceeded applicable soil remediation objectives were observed in samples analyzed for mercury (GP-2, GP-6, GP-10, GP-14, GP-16, GP-23, GP-24A, GP-25, GP-27, GP-28, GP-31, GP-39, GP-41, GP-42, GP-43), VOCs, (GP-30, GP-45) and SVOCs (GP-23, GP-43, GP-45). Please note the mercury results were compared to the most conservative soil component to Class II groundwater remediation objective of 0.05 mg/kg which is applicable for a soil pH of 4.5 to 4.74. Since it is likely that a reasonable soil pH for the site is greater than 5.74 (which has a soil component remediation objective greater than the elevated detection limit) and SPLP mercury results from the ETS investigation were below applicable remediation objectives, no additional evaluation of the mercury detection limits will be conducted. Additionally, analytical results from other soil boring do not exceed remediation objectives for the majority of the VOC or SVOC chemicals showing elevated detection limits therefore VOC and SVOC detection limit exceedances will not be evaluated further.

UST Closure Activities and Soil Sampling Report dated August 20, 2008 prepared by Roux

In July 2008, Roux was on-site to supervise the removal of one 12,000 gallon double-walled fiberglass UST at the Budget Rent-A-Car. Historically this UST system was identified in the ATC Phase I as "onsite UST #11" and in the Environ Phase II as area E-8. Following inspection by the on-site Office of the State Fire Marshal representative it was determined that no release had occurred. Based on this and the presence of stone backfill, no tank pit samples were collected. However, two (2) soil samples were collected from near the former dispenser location. The soil samples were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tert-butyl ether (MTBE). Analytical results were below applicable soil remediation objectives.

Additional Investigation conducted by ETS

In September 2008, ETS advanced eight (8) soil borings (ETS-1 through ETS-8) and five (5) monitoring wells. Soil samples were analyzed for VOCs, polynuclear aromatic hydrocarbons (PNAs), and SPLP metals based on sampling location. PNAs were selected for analysis rather than SVOCs, since the Environ investigation showed that remediation objective exceedances included only the PNA compounds from the SVOC list. Groundwater samples were analyzed for VOCs, PNAs and metals. The sample collected from ETS-2 was analyzed for TOC, soil bulk density and porosity. Collected samples were transported via courier to TestAmerica for analytical testing. Please refer to Figure 9 for boring locations. Boring logs are provided in Appendix B, field methods are provided in Appendix F, and analytical reports are provided in Appendix G and tabulated on Tables 3 through 14. Analytical results indicated that soil concentrations of PNAs and SPLP metals and groundwater concentrations of VOCs and PNAs, exceeded applicable remediation objectives.

Assessment Summary

The ATC Phase I ESA identified five (5) recognized environmental conditions: (1) historical use of the site by Continental Can; (2) USTs #7 and #8 (Area E-20 in the Environ assessment); (3) UST #6 abandoned in place (Area E-16 in the Environ assessment); (4) on-site ERNs incident; and (5) east adjoining SRP facility. Of these five (5), Environ determined that the historical use of the site and the UST abandoned in place required subsurface investigation. Additionally, Environ identified an additional thirty (30) on-site areas of environmental concern and seven (7) off-site areas of environmental concern. Of these thirty-seven (37) areas, Environ conducted subsurface investigation on twenty (20) areas. Environ also advanced four (4) additional soil borings around the site. The Environ results indicated PCE impact at the northwest portion of the site, benzene impact at the south central portion of the site, PNA impact at the northeastern and south central portion of the site, and metal impact along the southern portion of the site. Based on these results, ETS conducted additional soil and groundwater sampling to further assess subsurface conditions. Please refer to the Endangerment Assessment and Remedial Objectives Report for evaluation of the analytical results.

3.0 ENDANGERMENT ASSESSMENT

3.1 Soil Investigation

Soil samples collected from the site were obtained from geoprobe and monitoring well soil borings which are described above. Soil samples were analyzed for VOCs, SVOCs, PNAs, total metals, SPLP metals, PCBs and pesticides and herbicides. Based on the groundwater classification, analytical results were compared to the Tier 1, Class II groundwater, soil remediation objectives. A commercial use restriction will be placed on the property; therefore the analytical results will be compared to commercial/industrial soil remediation objectives.

Please note that during the Environ subsurface investigation, elevated detection limits that exceeded applicable soil remediation objectives were observed in samples analyzed for mercury (GP-2, GP-6, GP-10, GP-14, GP-16, GP-23, GP-24A, GP-25, GP-27, GP-28, GP-31, GP-39, GP-41, GP-42, GP-43), VOCs, (GP-30, GP-45) and SVOCs (GP-23, GP-43, GP-45). Please note the mercury results were compared to the most conservative soil component to Class II groundwater remediation objective of 0.05 mg/kg which is applicable for a soil pH of 4.5 to 4.74. Since it is likely that a reasonable soil pH for the site is greater than 5.74 (which has a soil component remediation objective greater than the elevated detection limit) and SPLP mercury results from the ETS investigation were below applicable remediation objectives, no additional evaluation of the mercury detection limits will be conducted. Additionally, analytical results from other soil boring do not exceed remediation objectives for the majority of the VOC or SVOC chemicals showing elevated detection limits therefore VOC and SVOC detection limit exceedances will not be evaluated further.

Based on the results of the completed investigations VOC impacted soil appears to be adequately delineated except the benzene impact detected at GP-43 (1.5) located at the south property line. The soil sample collected at GP-43 (5.5) does not exceed soil remediation objectives indicating that this exceedance appears to be local, shallow impact.

PNA impacted soil is present along the northeast corner of the site.

Metal impacted soil is present along the southern portion of the site.

Please refer to Figure 10 for approximate locations of soil impact plumes.

3.1.1 Soil Ingestion Exposure Route

A commercial use restriction will be applied to the site. The soil sample analytical results were compared to the IEPA Tier 1 soil remediation objectives for commercial/industrial properties and the construction worker exposure routes for the soil ingestion pathway.

The following sample locations exceeded the benzo(a)pyrene soil remediation objective for the commercial/industrial properties soil ingestion exposure route: GP-28, ETS-7 and ETS-8.

The following sample locations exceeded the benzo(b)fluoranthene soil remediation objective for the commercial/industrial properties soil ingestion exposure route: ETS-7 and ETS-8.

The following sample locations exceeded the dibenzo(a,h)anthracene soil remediation objective for the commercial/industrial properties soil ingestion exposure route: ETS-7 and ETS-8.

The following sample locations exceeded the arsenic soil remediation objective for the commercial/industrial properties soil ingestion exposure route: GP-9, GP-10, GP-11, GP-13, GP-16, GP-22, GP-28, GP-30, GP-31, GP-40.

The following sample locations exceeded the lead soil remediation objective for the lead commercial/industrial properties soil ingestion exposure route: GP-10, GP-22, GP-30.

The following sample locations exceeded the arsenic soil remediation objective for the construction worker soil ingestion exposure route: GP-40, GP-11, GP-30, GP-31, GP-10, GP-13, GP-22.

The following sample locations exceeded the lead soil remediation objective for the construction worker soil ingestion exposure route: GP-10, GP-22, GP-30.

The following sample locations exceeded the mercury soil remediation objective for the construction worker soil ingestion exposure route: GP-10.

3.1.2 Soil Inhalation Exposure Route

A commercial use restriction will be applied to the site. The soil sample analytical results were compared to the IEPA Tier 1 soil remediation objectives for commercial/industrial properties and the construction worker exposure routes for the soil inhalation pathway.

The following sample locations exceeded the arsenic soil remediation objective for the commercial/industrial properties soil inhalation exposure route: GP-40, GP-10, GP-13, GP-30.

The following sample location exceeded the mercury soil remediation objective for the commercial/industrial properties soil inhalation exposure route: GP-10.

The following sample location exceeded the xylene soil remediation objective for the construction worker soil inhalation exposure route: GP-30.

The following sample locations exceeded the mercury soil remediation objective for the construction worker soil inhalation exposure route: GP-9, GP-10, GP-11, GP-13, GP-22, GP-30, GP-40.

3.1.3 Soil Component to Groundwater Ingestion Exposure Route

The soil sample analytical results were compared to the IEPA Tier 1 soil remediation objectives for the soil component to groundwater ingestion pathway for Class II groundwater. Please note that total metal analytical results were compared to the most conservative pH specific soil remediation objective since no specific pH results were obtained during the Environ investigation. Subsequent SPLP metals analysis was conducted by ETS.

The following sample locations exceeded the benzene soil remediation objective for the soil component to Class II Groundwater ingestion exposure route: GP-30 and GP-43.

The following sample locations exceeded the most restrictive pH specific arsenic remediation objectives for the soil component to Class II Groundwater ingestion exposure route: GP-10, GP-13, GP-22, GP-30, GP-31 and GP-40. SPLP arsenic results exceeded soil remediation objectives for the soil component to Class II Groundwater ingestion exposure route in sample locations ETS-1 and ETS-6. Soil boring ETS-1 was located near soil borings GP-22, GP-30 and GP-31 and will be evaluated further in the Remedial Objectives Report. Soil boring ETS-6 was located near soil boring GP-40 and will be evaluated further in the Remedial Objectives Report. Soil boring ETS-3 was located near soil borings GP-10 and GP-13. Since sample results from ETS-3 were below the applicable soil remediation objective, no further evaluation of the arsenic with respect to the soil component to groundwater ingestion exposure route will be conducted.

Barium (GP-22), cadmium (GP-10, GP-11, GP-30, GP-40), lead (GP-10, GP-11, GP-22, GP-23, GP-30), mercury (GP-9, GP-10, GP-13, GP-11, GP-22, GP-30, GP-40) and selenium (GP-10, GP-11, GP-30, GP-40) exceeded the most restrictive pH specific soil component to Class II groundwater ingestion exposure route remediation objectives in the Environ investigation. Soil borings advanced by ETS were located near these soil borings: GP-9, GP-10, GP-13 and GP-30 near ETS-1 and/or ETS-3; GP-11, GP-22 and GP-23 near ETS-3 and/or ETS-5; and GP-40 near ETS-6. SPLP analytical results from the ETS advanced soil borings were below applicable soil remediation objectives. Based on the locations of the soil borings and the SPLP analytical results, no further evaluation of the soil component to groundwater ingestion route will be conducted for barium, cadmium, lead, mercury and selenium.

3.2 Groundwater Investigation

Groundwater samples collected from temporary wells installed by Environ and the monitoring wells installed by ETS were evaluated. The groundwater at the site was classified as Class II groundwater, so groundwater analytical results were compared to Class II groundwater remediation objectives.

The following sample exceeded the chloroform Class II groundwater remediation objective: MW-2.

The following samples exceeded the benzo(a)anthracene Class II groundwater remediation objective: GPW-10 and MW-1.

The following sample exceeded the benzo(b)fluoranthene Class II groundwater remediation objective: MW-1.

Arsenic, lead, mercury and selenium exceeded Class II groundwater remediation objectives in temporary well GPW-10, however the more recent permanent monitoring well analytical results were below applicable remediation objectives. Since the temporary wells were not adequately developed and purged, only the metal analytical results from the permanent monitoring wells will be considered for evaluation. Since metal results from the permanent monitoring wells are below applicable remediation objectives no further evaluation of the metals will be evaluated for this exposure route.

4.0 COMPREHENSIVE SITE INVESTIGATION CONCLUSION

Soil and groundwater sampling conducted at this site indicate impact detected above IEPA Tier 1 remediation objectives. No further off-site investigation is recommended due to the industrial nature as well as chemical handling on the neighboring properties. Based on the results of the further evaluation as presented below, a comprehensive "Draft No Further Remediation" letter for the subject property is requested.

REMEDIAL OBJECTIVES REPORT

1.0 SITE INVESTIGATION SUMMARY

1.1 Soil Investigation

Please refer to Section 3.1 in the Endangerment Assessment.

1.2 Groundwater Investigation

Please refer to Section 3.2 in the Endangerment Assessment.

2.0 EXPOSURE ROUTE EVALUATION

Soil Ingestion Exposure Route

Tier 1 Evaluation

A commercial use restriction will be applied to the site. The soil sample analytical results were compared to the IEPA Tier 1 soil remediation objectives for commercial/industrial properties and the construction worker exposure routes for the soil ingestion pathway.

The following sample locations exceeded the benzo(a)pyrene soil remediation objective for the commercial/industrial properties soil ingestion exposure route: GP-28, ETS-7 and ETS-8.

The following sample locations exceeded the benzo(b)fluoranthene soil remediation objective for the commercial/industrial properties soil ingestion exposure route: ETS-7 and ETS-8.

The following sample locations exceeded the dibenzo(a,h)anthracene soil remediation objective for the commercial/industrial properties soil ingestion exposure route: ETS-7 and ETS-8.

The following sample locations exceeded the arsenic soil remediation objective for the commercial/industrial properties soil ingestion exposure route: GP-9, GP-10, GP-11, GP-13, GP-16, GP-22, GP-28, GP-30, GP-31, GP-40.

The following sample locations exceeded the lead soil remediation objective for the lead commercial/industrial properties soil ingestion exposure route: GP-10, GP-22, GP-30.

The following sample locations exceeded the arsenic soil remediation objective for the construction worker soil ingestion exposure route: GP-40, GP-11, GP-30, GP-31, GP-10, GP-13, GP-22.

The following sample locations exceeded the lead soil remediation objective for the construction worker soil ingestion exposure route: GP-10, GP-22, GP-30.

The following sample locations exceeded the mercury soil remediation objective for the construction worker soil ingestion exposure route: GP-10.

Proposed Institutional Controls

In addition to the commercial/industrial land use restriction, an engineered barrier will be constructed in the northeast section of the site to address the PNA and arsenic exceedances observed at GP-28, ETS-7 and ETS-8. We are also proposing construction of an additional engineered barrier that will be located on the southern portion of the property to address metal exceedances observed at GP-9, GP-10, GP-11, GP-13, GP-16, GP-22, GP-30, GP-31, GP-40. It is likely that these barriers will be constructed of asphalt. At this time we are requesting a "Draft Comprehensive No Further Remediation" letter, upon IEPA approval and construction of the proposed engineered barrier we will request a final "No Further Remediation" (NFR) letter. Figure 11 shows the locations of the proposed barriers.

A construction worker caution statement will also be placed on the entire property. This construction worker caution statement will adequately address the exceedances to the construction worker soil ingestion exposure route.

Soil Inhalation Exposure Route

Tier 1 Evaluation

A commercial use restriction will be applied to the site. The soil sample analytical results were compared to the IEPA Tier 1 soil remediation objectives for commercial/industrial properties and the construction worker exposure routes for the soil inhalation pathway.

The following sample locations exceeded the arsenic soil remediation objective for the commercial/industrial properties soil inhalation exposure route: GP-40, GP-10, GP-13, GP-30.

The following sample location exceeded the mercury soil remediation objective for the commercial/industrial properties soil inhalation exposure route: GP-10.

The following sample location exceeded the xylene soil remediation objective for the construction worker soil inhalation exposure route: GP-30.

The following sample locations exceeded the mercury soil remediation objective for the construction worker soil inhalation exposure route: GP-9, GP-10, GP-11, GP-13, GP-22, GP-30, GP-40.

Proposed Institutional Controls

In addition to the commercial/industrial land use restriction, we are also proposing construction of an engineered barrier that will be located on the southern portion of the property to address metal exceedances observed at GP-10, GP-13, GP-30, and GP-40. It is likely that this barrier will be constructed of asphalt. At this time we are requesting a "Draft Comprehensive No Further Remediation" letter, upon IEPA approval and construction of the additional proposed engineered barrier we will request a final "No Further Remediation" (NFR) letter. Please refer to Figure 11 for the location of the proposed barrier.

A construction worker caution statement will also be placed on the entire property. This construction worker caution statement will adequately address the exceedances to the construction worker soil inhalation exposure route.

Groundwater Component of the Groundwater Ingestion Exposure Route

Tier 1 Evaluation

Groundwater samples collected from temporary wells installed by Environ and the monitoring wells installed by ETS were evaluated. The groundwater at the site was classified as Class II groundwater, so groundwater analytical results were compared to Class II groundwater remediation objectives.

The following sample exceeded the chloroform Class II groundwater remediation objective: MW-2.

The following samples exceeded the benzo(a)anthracene Class II groundwater remediation objective: GPW-10 and MW-1.

The following sample exceeded the benzo(b)fluoranthene Class II groundwater remediation objective: MW-1.

Arsenic, lead, mercury and selenium exceeded Class II groundwater remediation objectives in temporary well GPW-10, however the more recent permanent monitoring well analytical results were below applicable remediation objectives. Since the temporary wells were not adequately developed and purged, only the metal analytical results from the permanent monitoring wells will be considered for evaluation. Since metal results from the permanent monitoring wells are below applicable remediation objectives no further evaluation of the metals will be evaluated for this exposure route.

Tier 2 Evaluation

Equation R26 was used to model the predicted extent of impact in the groundwater. The following parameters were used in R26 calculations:

PARAMETERS USED IN EQUATION R26		
Parameter	Value	Description
First Order Degradation Constant	Chloroform – 0.00039/day Benzo(a)anthracene – 0.00051/day Benzo(b)fluoranthene – 0.00057/day	TACO Value
Aquifer Hydraulic Conductivity	3.17×10^{-5} cm/s	K value obtained from Slug Test
Hydraulic Gradient	0.0149	Calculated between MW-1, MW-2 and MW-3.
Total Soil Porosity	0.397	Field Measurement
Source Width (Horizontal)	1770 feet (540 meters)	The approximate distance between MW-5 and MW-2 (the property boundaries perpendicular to groundwater flow).
Source Width (Vertical)	6.56 feet (2 meters)	TACO Value
Tier 1 GRO for Class II Groundwater	Chloroform 0.001 mg/l Benzo(a)anthracene 0.00065 mg/l Benzo(b)fluoranthene 0.0009 mg/l	TACO Value

PREDICTED EXTENT OF GROUNDWATER IMPACT – EQUATION R26		
Predicted distance from monitoring well at which groundwater concentrations will meet Tier 1 Class II groundwater remediation objectives		
Location	Compound	Distance (feet)
MW-2	Chloroform	13 feet
MW-1	Benzo(a)anthracene	16 feet
GPW-10	Benzo(a)anthracene	3 feet
MW-1	Benzo(b)fluoranthene	17 feet

Based on the results of Equation R26, the predicted extent of impacted groundwater does not extend beyond the site boundaries. The City of Bedford Park currently has an approved groundwater ordinance which will appropriate address the impacted groundwater. Based on the presence of the ordinance no further evaluation of the groundwater component of the groundwater ingestion exposure route is required. Please refer to Appendix H for the calculation spreadsheets.

Soil Component to the Groundwater Ingestion Exposure Route

Tier 1 Evaluation

The soil sample analytical results were compared to the IEPA Tier 1 soil remediation objectives for the soil component to groundwater ingestion pathway for Class II groundwater.

The following sample locations exceeded the benzene soil remediation objective for the soil component to Class II Groundwater ingestion exposure route: GP-30 and GP-43.

The following sample locations exceeded the most restrictive pH specific arsenic remediation objectives for the soil component to Class II Groundwater ingestion exposure route: GP-10, GP-13, GP-22, GP-30, GP-31 and GP-40. SPLP arsenic results exceeded soil remediation objectives for the soil component to Class II Groundwater ingestion exposure route in sample locations ETS-1 and ETS-6. Soil boring ETS-1 was located near soil borings GP-22, GP-30 and GP-31 and will be evaluated further in the Remedial Objectives Report. Soil boring ETS-6 was located near soil boring GP-40 and will be evaluated further in the Remedial Objectives Report. Soil boring ETS-3 was located near soil borings GP-10 and GP-13. Since sample results from ETS-3 were below the applicable soil remediation objective, no further evaluation of the arsenic with respect to the soil component to groundwater ingestion exposure route will be conducted.

Barium (GP-22), cadmium (GP-10, GP-11, GP-30, GP-40), lead (GP-10, GP-11, GP-22, GP-23, GP-30), mercury (GP-9, GP-10, GP-13, GP-11, GP-22, GP-30, GP-40) and selenium (GP-10, GP-11, GP-30, GP-40) exceeded the most restrictive pH specific soil component to Class II groundwater ingestion exposure route remediation objectives in the Environ investigation. Soil borings advanced by ETS were located near these soil borings: GP-9, GP-10, GP-13 and GP-30 near ETS-1 and/or ETS-3; GP-11, GP-22 and GP-23 near ETS-3 and/or ETS-5; and GP-40 near ETS-6. SPLP analytical results from the ETS advanced soil borings were below applicable soil remediation objectives. Based on the locations of the soil borings and the SPLP analytical results, no further evaluation of the soil component to groundwater ingestion route will be conducted for barium, cadmium, lead, mercury and selenium.

Tier 2 Evaluation

Tier 2 soil remediation objectives were calculated using equation R12. The following parameters were used in the R12 calculations (Please refer to Appendix H for calculation spreadsheets):

PARAMETERS USED IN THE SOLUTION OF EQUATION R12		
Parameter	Value	Description
Soil Bulk Density	1.64 g/cm ³	ETS Field Measurement
Average Soil Moisture Content	0.2 g/g	ETS Field Measurement
Organic Carbon Partition Coefficient	Benzene – 58.9 L/kg	Chemical Specific
Organic Carbon Content	0.027 g/g	ETS Field Measurement
Henry's Law Constant	Benzene – 0.228	Chemical Specific
Total Soil Porosity	0.397 cm ³ /cm ³	ETS Field Measurement
Aquifer Hydraulic Conductivity	3.17 x 10 ⁻⁵ cm/s	K value obtained from slug test.
Hydraulic Gradient	0.0149	Calculated between MW-1, MW-2 and MW-3.
Groundwater Mixing Zone Thickness	200 cm	TACO Default
Infiltration Rate	30 cm/yr	TACO Default
Width of Source Area Parallel to GW Movement	600 feet	Taken from property line south of GP-43 to GP-16
Distance along centerline of the plume emanating from a Source (also distance to the compliance point)	450 feet	Taken from GP-30 to western property line following groundwater flow direction.
Groundwater Objectives at the Compliance Point	Benzene – 0.025 mg/l	Class II Groundwater Remediation Objectives
First Order Degradation Constant	Benzene – 0.0009 mg/l day ⁻¹	Chemical Specific
Source Width Perpendicular to Groundwater in Horizontal Plane	1770 feet (540 meters)	The approximate distance between MW-5 and MW-2 (the property boundaries perpendicular to groundwater flow).
Source Width Perpendicular to Groundwater in Vertical Plane	200 cm	TACO Default

The solution of R12 using the above parameters achieved the following results:

Location	Compound	Tier 2 Results (mg/kg)
Property	Benzene	870 mg/kg*

*In accordance with 35 IAC 742.600(e)(3), the soil remediation objectives based on the soil component to the groundwater ingestion exposure routes shall not exceed the soil saturation limit as provided in Section 742.220. Therefore, the chemicals soil saturation limit (C_{sat}) was substituted where the chemicals calculated Tier 2 value exceeded the chemical's C_{sat} value. Please refer to Appendix H for specific information.

Based on the City of Bedford Park groundwater ordinance and the calculated Tier 2 remediation objective, no further evaluation of the soil component of the groundwater ingestion exposure route is required. Calculation spreadsheets are provided in Appendix H.

We propose no further evaluation of the soil component of the groundwater ingestion exposure route based on the following:

- City of Bedford Park groundwater ordinance.

REMEDIAL ACTION PLAN

The following is a summary of the strategy of how each exposure route will be addressed, please note that a commercial use restriction and construction worker caution statement will be applied to the entire site, additionally the City of Bedford Park groundwater ordinance will be relied on to address the groundwater ingestion exposure route (soil and groundwater components):

Soil Ingestion Exposure Route

In addition to the commercial/industrial land use restriction, an engineered barrier will be constructed at the northeast portion of the site to address the PNA and arsenic exceedances observed at GP-28, ETS-7 and ETS-8. We are also proposing construction of an additional engineered barrier that will be located on the southern portion of the property to address metal exceedances observed at GP-9, GP-10, GP-11, GP-13, GP-16, GP-22, GP-30, GP-31, GP-40. It is likely that these barriers will be constructed of asphalt. At this time we are requesting a "Draft Comprehensive No Further Remediation" letter, upon IEPA approval and construction of the additional proposed engineered barrier we will request a final "No Further Remediation" (NFR) letter. Figure 11 shows the locations of the proposed barriers.

Soil Inhalation Exposure Route

In addition to the commercial/industrial land use restriction, we are also proposing construction of an engineered barrier that will be located on the southern portion of the property to address metal exceedances observed at GP-10, GP-13, GP-30, and GP-40. It is likely that this barrier will be constructed of asphalt. At this time we are requesting a "Draft Comprehensive No Further Remediation" letter, upon IEPA approval and construction of the additional proposed engineered barrier we will request a final "No Further Remediation" (NFR) letter. Please refer to Figure 11 for the location of the proposed barrier.

Groundwater Component to Groundwater Ingestion Exposure Route

This exposure route is addressed through the City of Bedford Park groundwater ordinance. Modeling indicates that impacted groundwater does not migrate off-site.

Soil Component to Groundwater Ingestion Exposure Route

This exposure route is addressed through the City of Bedford Park groundwater ordinance. Modeling indicates that impacted soil and groundwater does not migrate off-site.

Conclusion

We are requesting a "Draft Comprehensive No Further Remediation" letter at this time. Upon completion of the construction of an engineered barrier a final No Further Remediation letter will be requested.

FIGURES

DRAFT

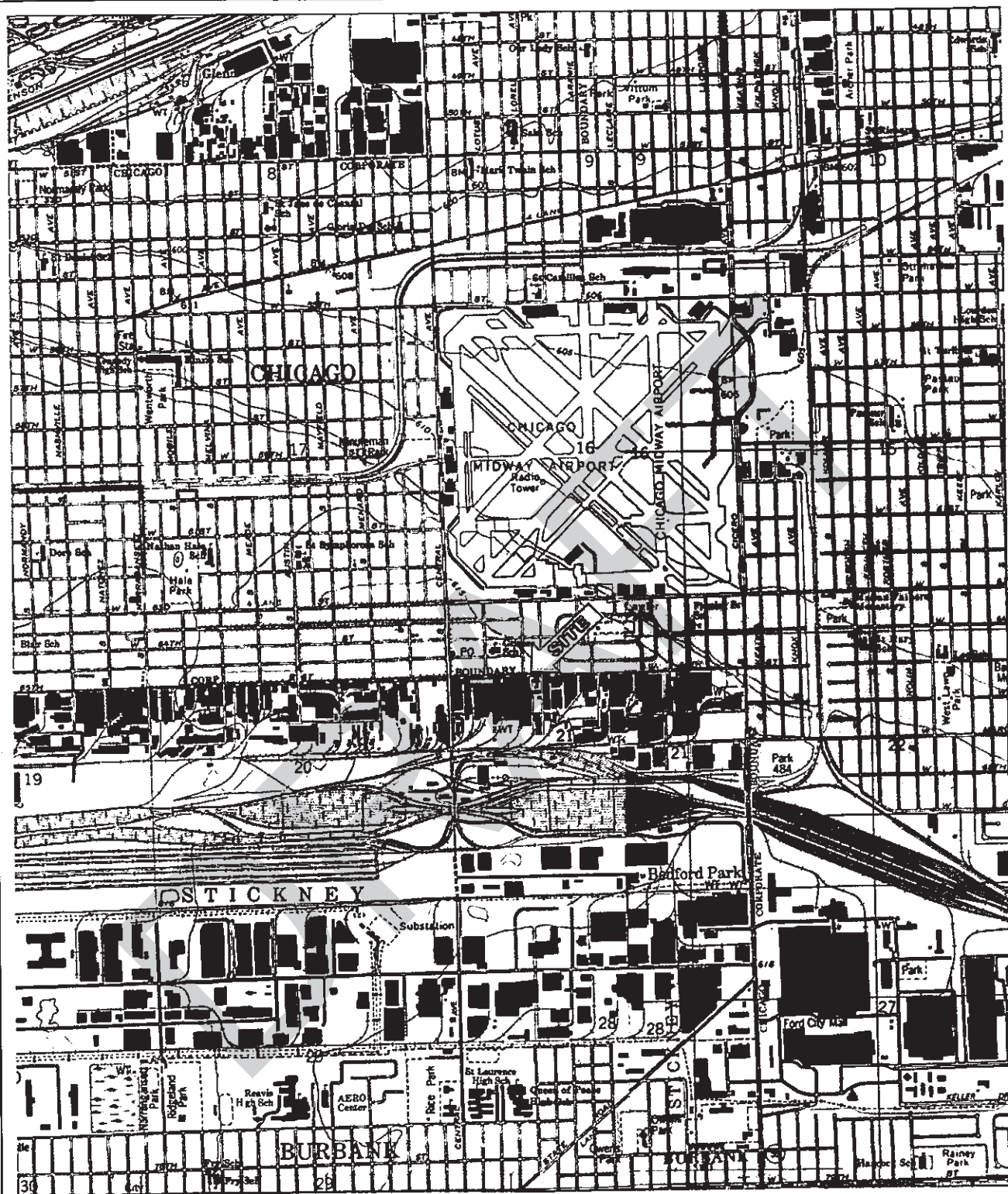
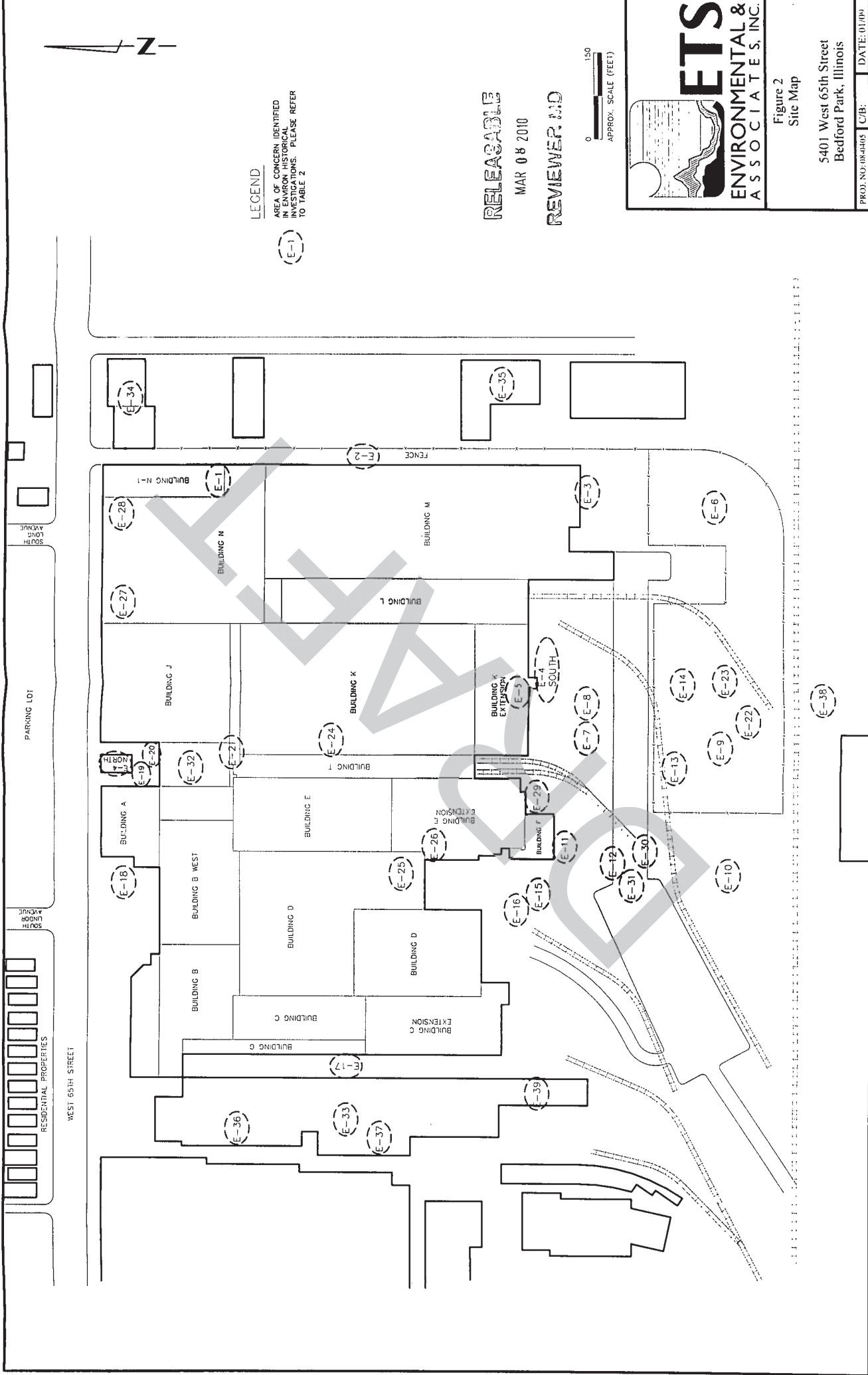


FIGURE 1

USGS TOPOGRAPHIC MAP
BERWYN, IL QUAD

APPROXIMATE SCALE
1 INCH = 2,000 FEET

MAP DATE
1993



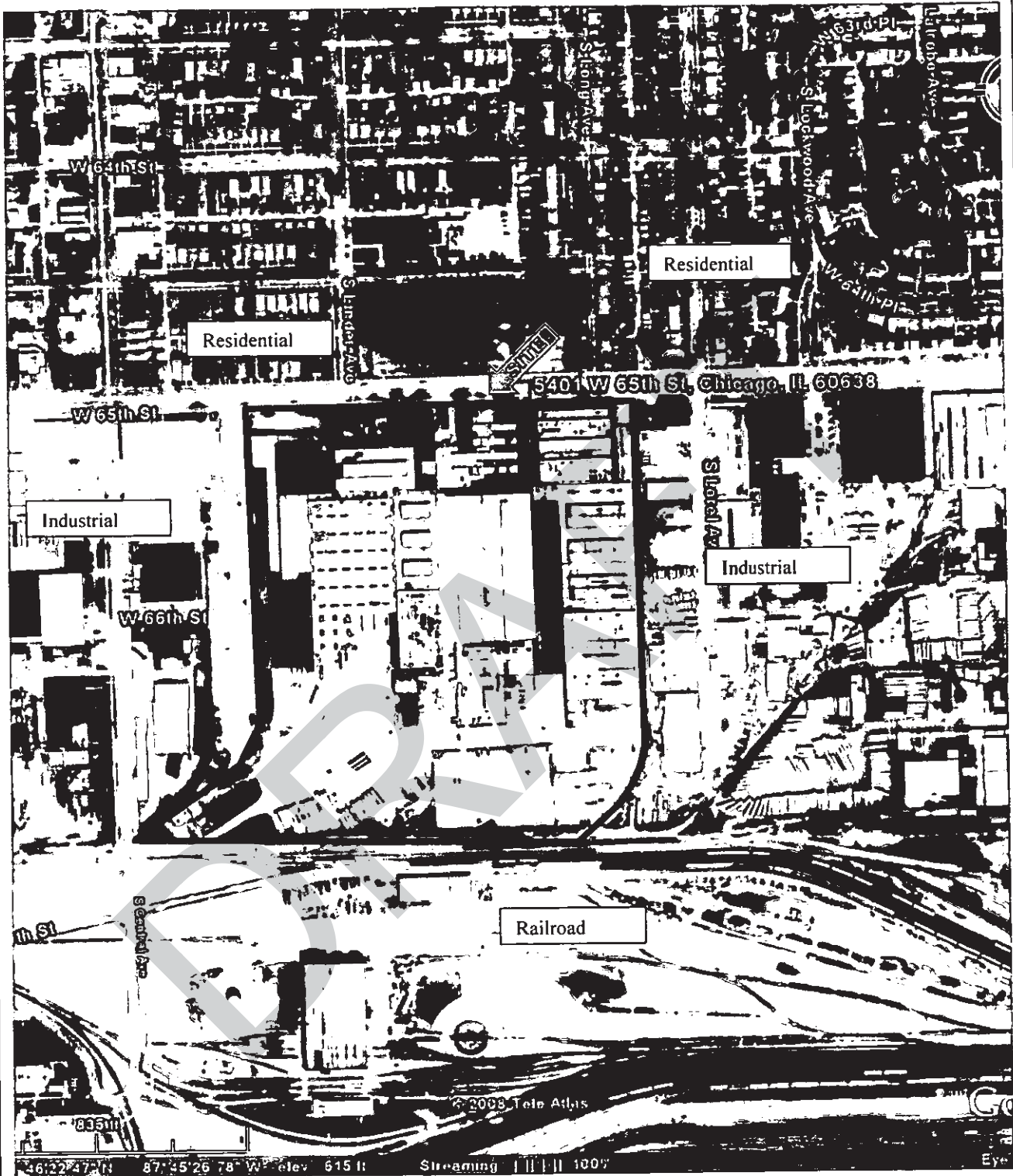
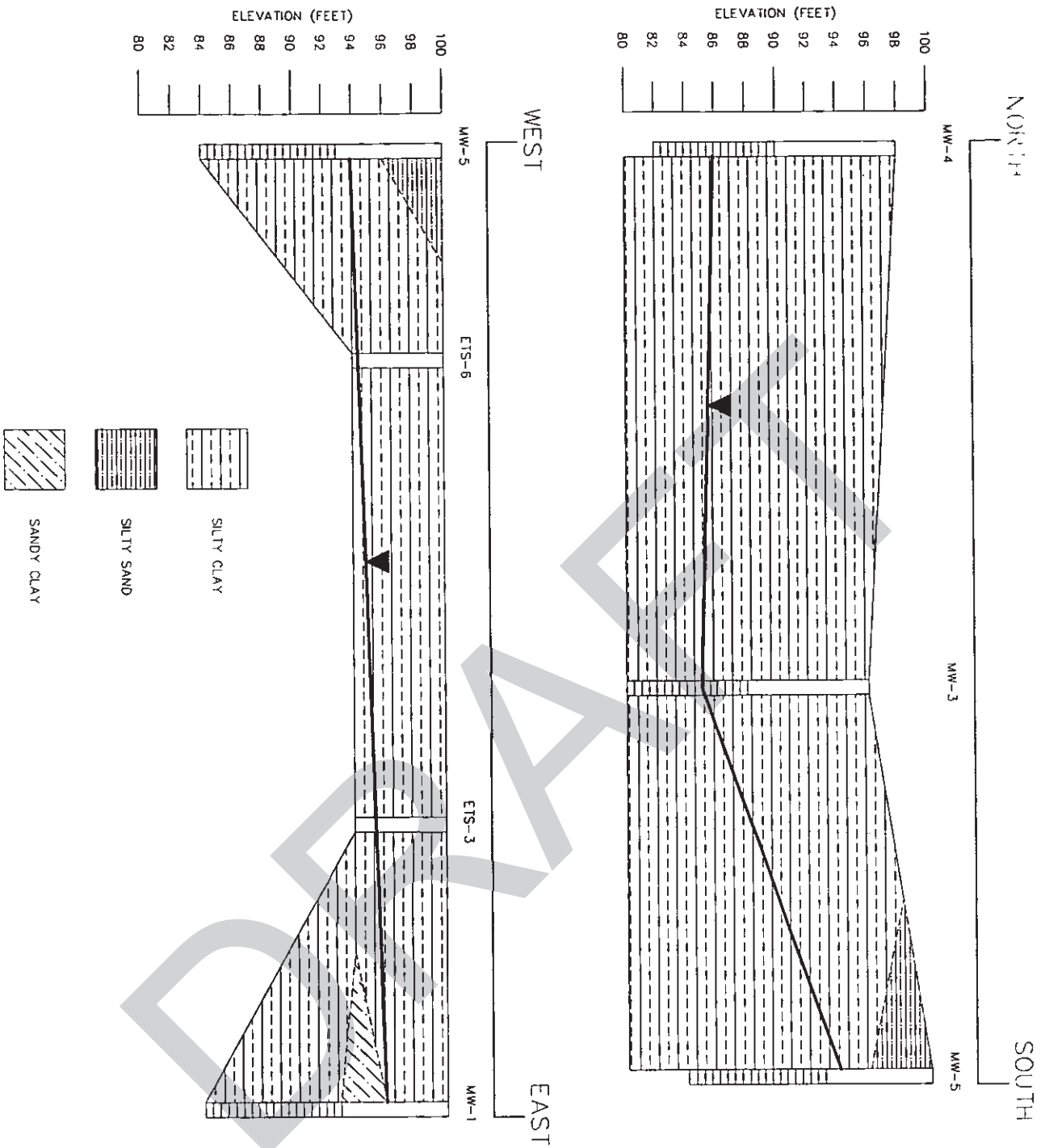


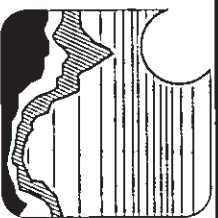
FIGURE - 3
SURROUNDING USE MAP
BEDFORD PARK, IL

APPROXIMATE SCALE
NOT TO SCALE

MAP DATE
2005



0 200
APPROX. SCALE (FEET)



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Figure 4

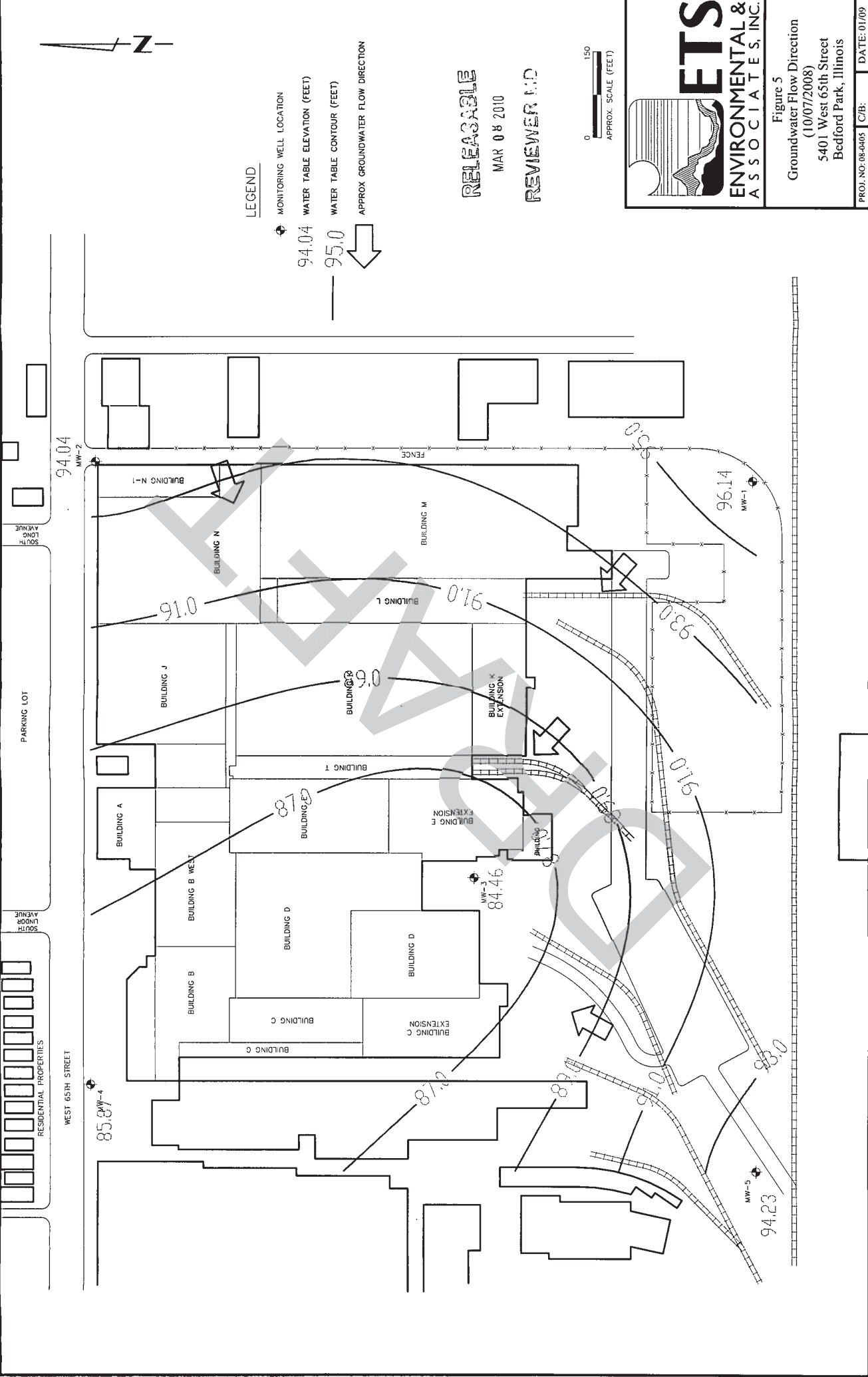
Site Cross Sections

5401 West 65th Street
Bedford Park, Illinois

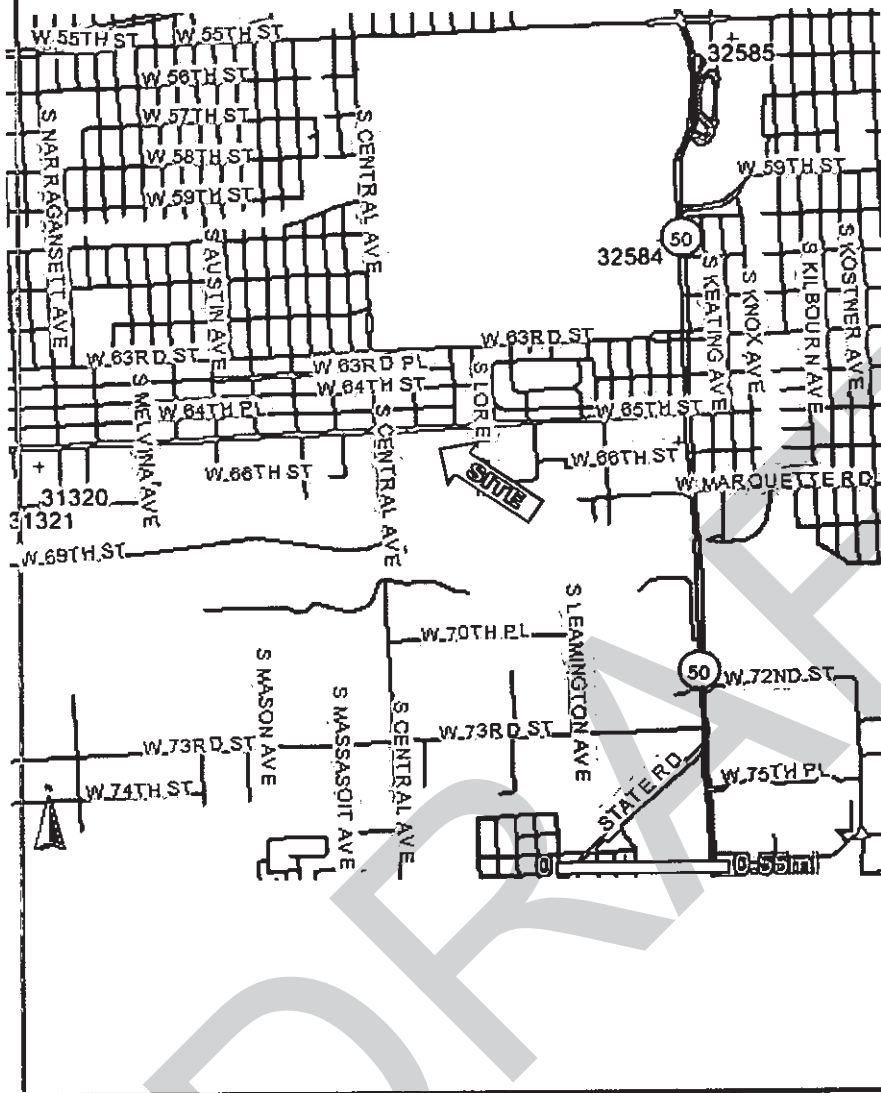
PROJ NO: 08-0405

C/B:

DATE: 01/09



Water Well Survey



Legend

- County lines
- State line
- Local Roads
- Major Roads
- State Highways
- U.S. Highways
- Interstates
- ISGS Wells
- Non-CWS Wells
- CWS Wells
- Active
- Abandoned
- Inactive
- Planned



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

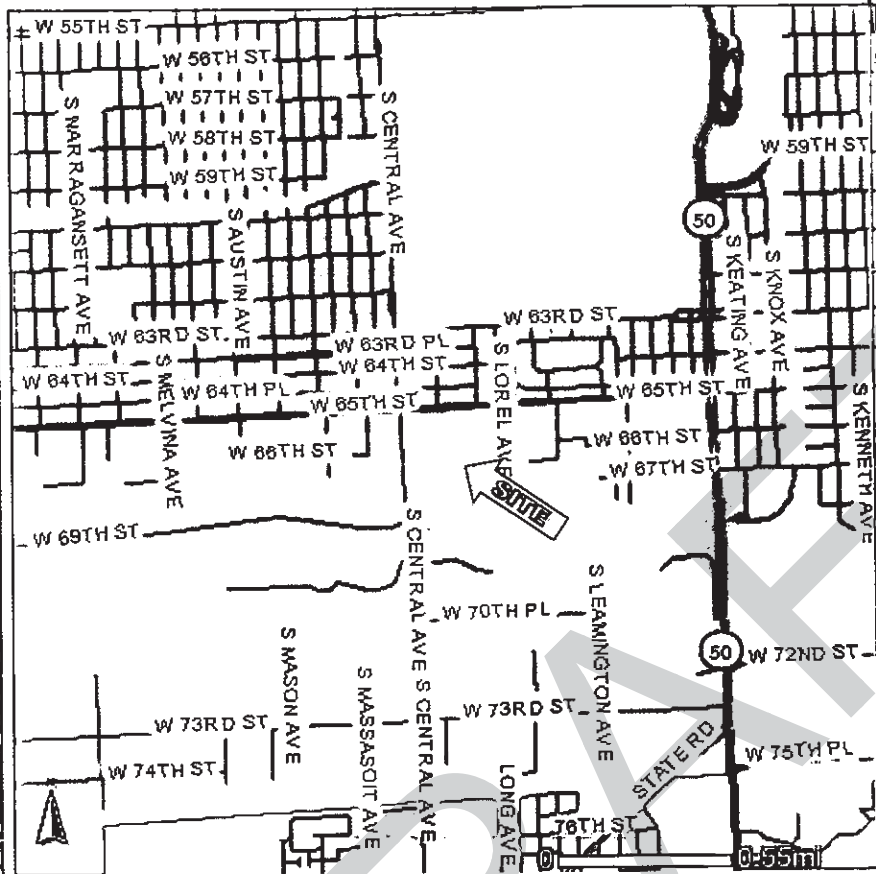
FIGURE - 6
WATER WELL SURVEY

BEDFORD PARK, IL

APPROXIMATE SCALE
See Map

MAP DATE
Current

Water Well Survey



Legend

- County lines
- State line
- Local Roads
- Major Roads
- State Highways
- U.S. Highways
- Interstates
- Non-CWS Phase I Wellhead Protection Area
- CWS Phase II Wellhead Protection Area
- CWS Phase I Wellhead Protection Area
- Adopted Maximum Setback Zones
- Groundwater Ordinances



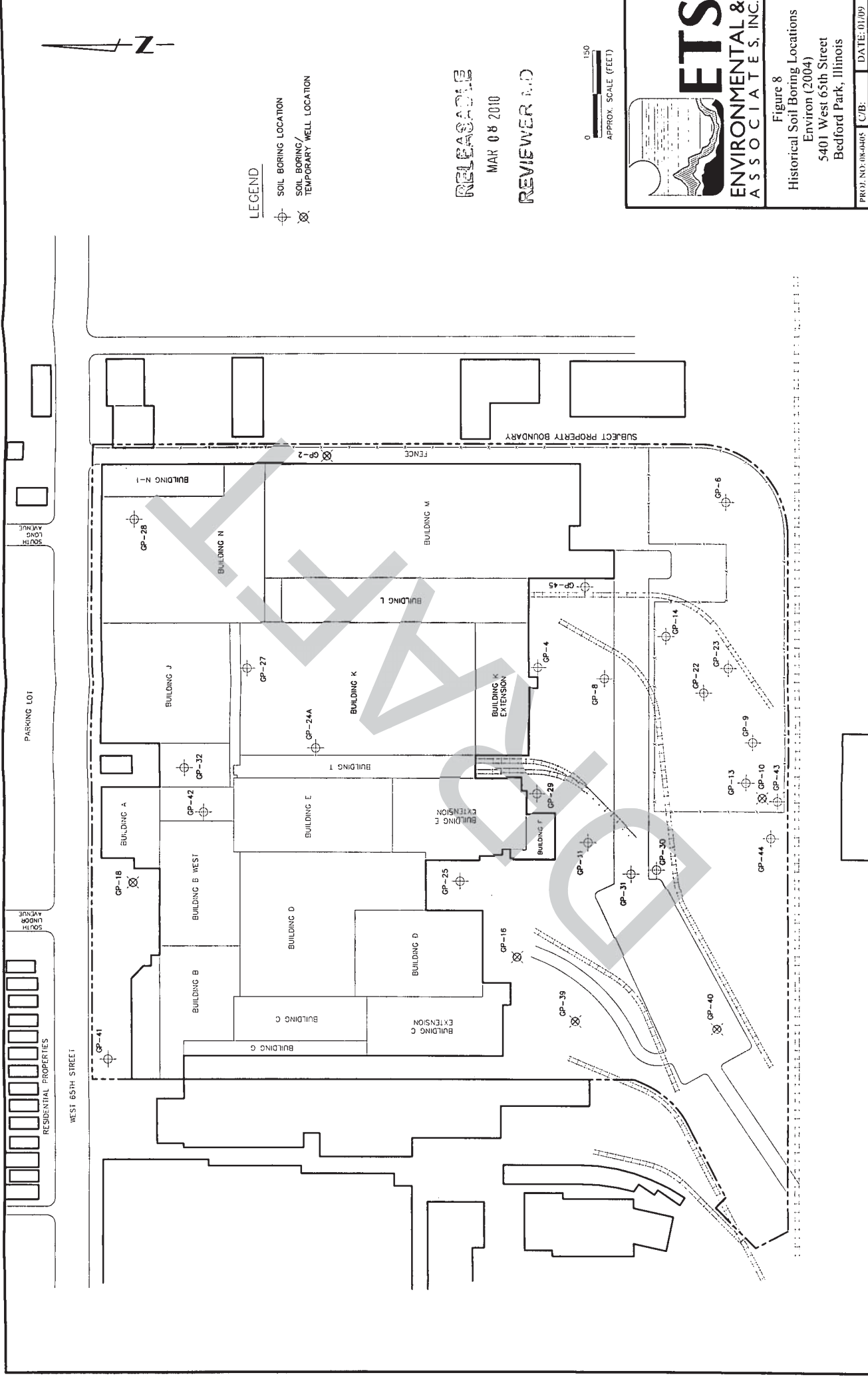
ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

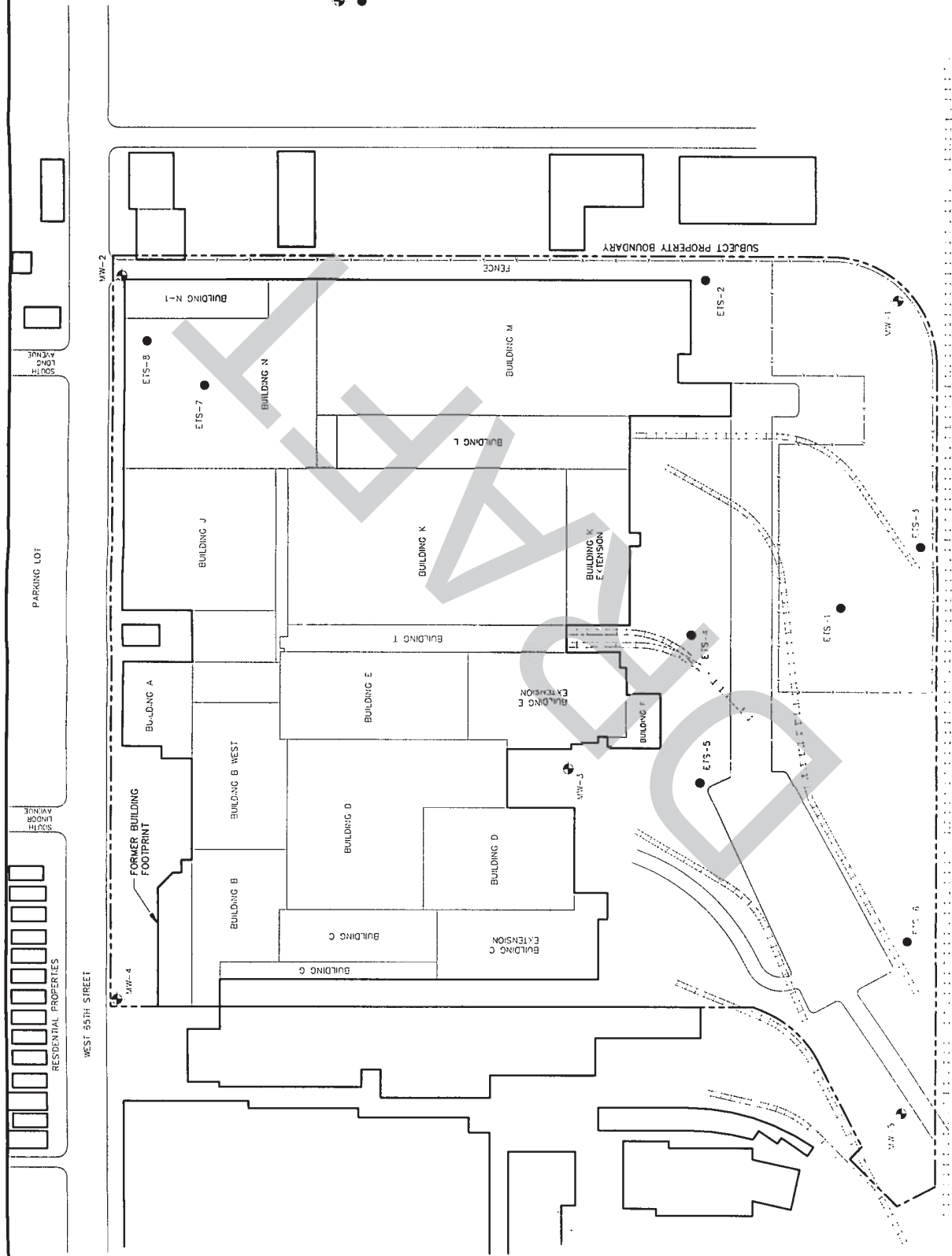
FIGURE - 7
WELLHEAD PROTECTION AREAS

BEDFORD PARK, IL

APPROXIMATE SCALE
See Map

MAP DATE
Current





LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION

RELEASABLE

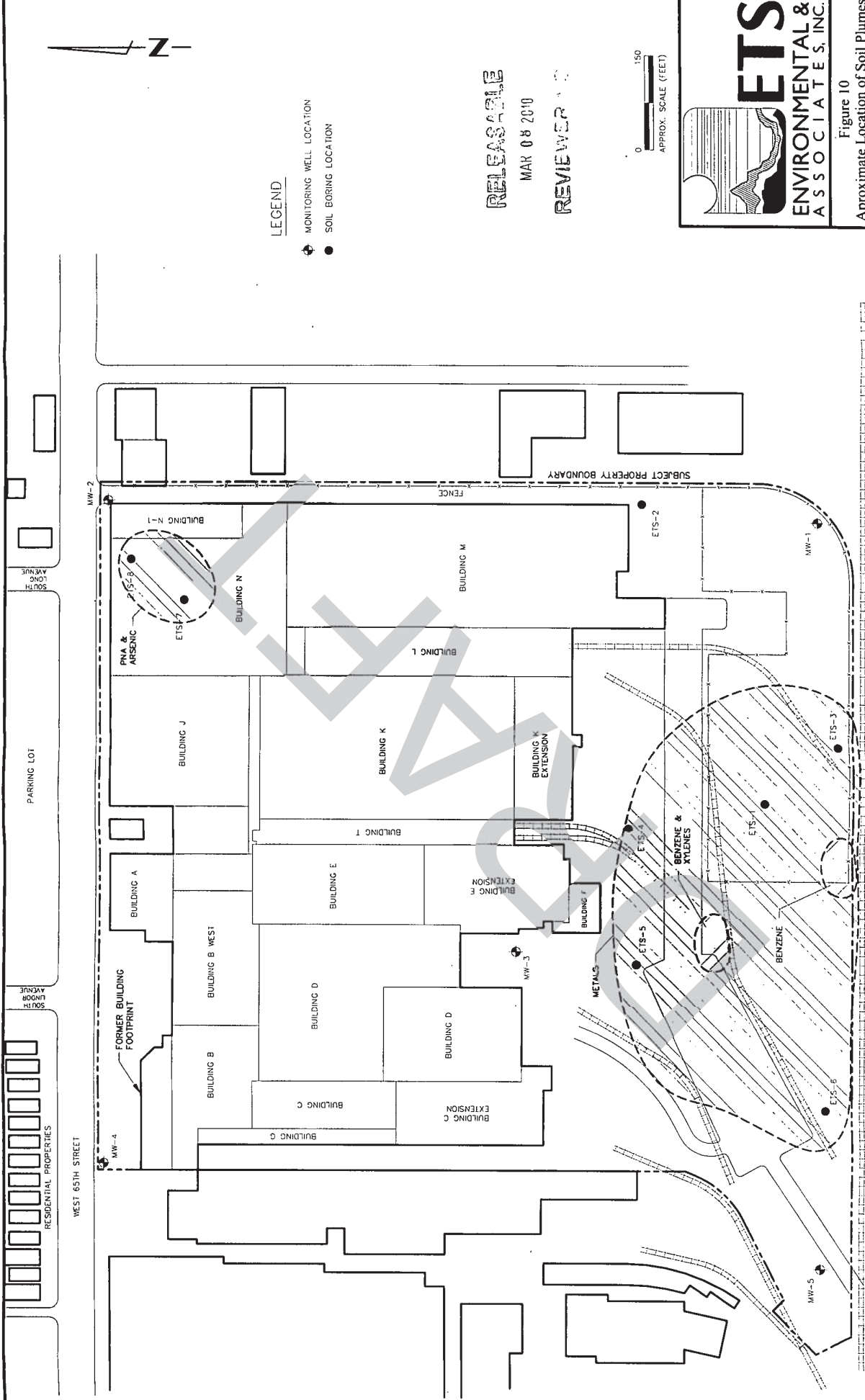
MAR 08 2010

REVIEWER: D



ETS
ENVIRONMENTAL & ASSOCIATES, INC.

Figure 9
ETS Soil Boring and
Monitoring Well Location Map
5401 West 65th Street
Bedford Park, Illinois
PROJ. NO: 08-0445 C/B: DATE: 01/09



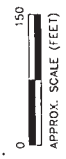
LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION

RELEASABLE

MAR 08 2010

REVIEWER

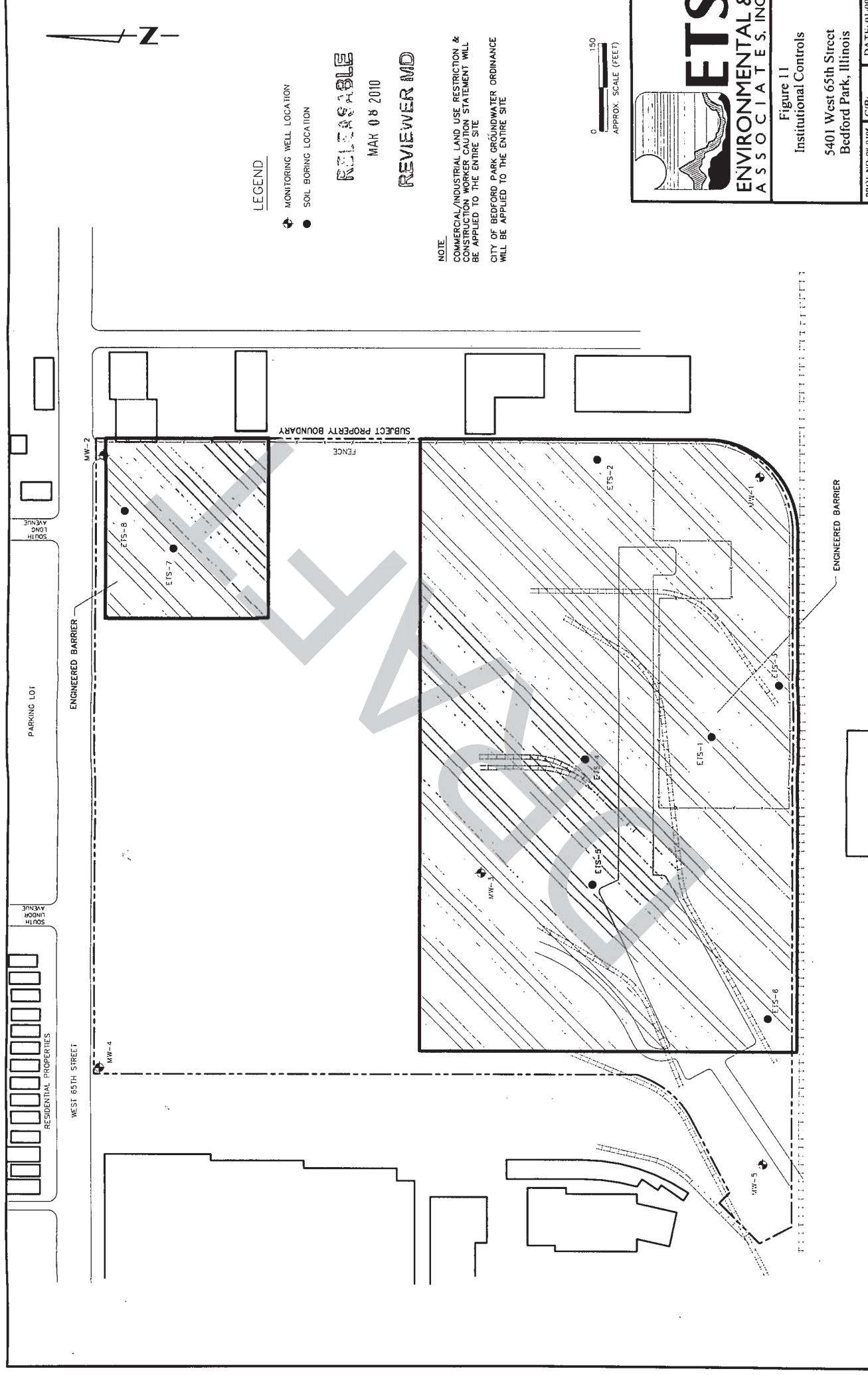


ETS

ENVIRONMENTAL & ASSOCIATES, INC.

Figure 10
Approximate Location of Soil Plumes

5401 West 65th Street
Bedford Park, Illinois



LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION

RELEASE

MAY 08 2010

REVIEWER MD

NOTE

COMMERCIAL/INDUSTRIAL LAND USE RESTRICTION & CONTAMINATED LAND USE RESTRICTION STATEMENT WILL BE APPLIED TO THE ENTIRE SITE
CITY OF BEDFORD PARK GROUNDWATER ORDINANCE WILL BE APPLIED TO THE ENTIRE SITE

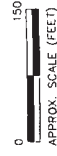


Figure 11

Institutional Controls

5401 West 65th Street
Bedford Park, Illinois

PROJ. NO. 08-0405 C/B. DATE: 01/09

TABLES

DRAFT

Table 1
ATC Identified RECs and Notable Findings

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

ATC Phase I RECs and Notable Findings	ATC Results	Environ Investigation
Historical use of the site predominantly by Continental Can which included the use and storage of hazardous materials along with the generation of hazardous wastes	ATC identified this as a REC but offered no specific recommendations.	Numerous Areas at the Site
Unregistered USTs #7 and #8	Historical reports referenced in the ATC Phase I indicated that area was trenched and no USTs were discovered. ATC considered this a REC.	E-20
UST #6 Abandoned In-Place	Abandoned in place under permit, ATC considered a REC.	E-21
On-Site ERNS Incident	ATC identified as a REC and recommended file review followed by PCB sampling if needed.	Not Identified
East Adjoining SRP Facility - 5331 W. 66th Street	ATC identified as a REC and recommended file review to determine potential impact on the site.	Not Identified
On-Site LUST incident UST#9	ATC listed HREC - NFR status obtained in September 1994.	E-16
Former USTs #1, #3, #4, #5, #5A and #10	ATC identified as notable finding. UST #1 - removed in 1999 with no contamination UST #3 - removed as "clean" UST #4 - removed as "clean" USTs #5 and 5a - removed as "clean" UST #10 removed as "clean"	Former UST #3 - Area E-19 Former UST#4 - Area E-3 Former UST #5/ #5A - Area E-17 No location for #10
UST #12	ATC identified as notable finding since ATC permit review indicated that UST #12 was not installed.	Appears UST #12 was not installed
Other potential on-site USTs	ATC identified as notable finding and concluded that if USTs were encountered during development they are to be properly removed and disposed.	Former UST #1 - Area E-18 Former UST#2 - Area E-15
On-site UST #11	Based on age and status ATC did not consider this a REC, UST used at Budget Rental.	E-8
On-site ASTs	Based on condition ATC did not consider a REC, ASTs used at Budget Rental.	E-5
On-site Railroad Spur	ATC did not identify staining, so did not consider a REC.	Several borings located along railroad line
RCRIS - SQG Raani Corp, Peterson Elastomers and Avlon	ATC listed as a notable finding based on status, no further investigation recommended.	
HIV Diagnostics Kit Lab	ATC listed as a notable finding based on status, no further investigation recommended.	
On-site RCRIS Listings	ATC listed as a notable finding based on status, no further investigation recommended.	
Budget Rent a Car Hazardous Waste Generation	ATC listed as a notable finding based on status, no further investigation recommended.	
Continental Can RCRIS status - Drum storage area listed as SWMU and located south of Building K - Clean closed in 1988	ATC indicated this was "clean closed" in 1988 and recommended no additional action.	E-13 and E-14
Continental Can CORRACTS and CERCLIS NFRAP Status	ATC considered a low environmental concern due to status.	
Asbestos Containing Material	ATC listed as notable findings, no further investigation.	Not to be investigated
Building N Leaks and Mold	ATC listed as notable findings, no further investigation.	Not to be investigated
East Adjoining RCRIS and UST Facility - 5321 West 65th Street	ATC considered a low environmental concern due to status, no further investigation recommended.	Not specifically addressed by Environ
West Adjoining UST Facility - 5555 West 65th Street	ATC considered a low environmental concern due to status, no further investigation recommended.	Not specifically addressed by Environ
		Area E-39 - Offsite Large AST west

Table 2
Environ Identified Areas of Concern

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

Location	Description of Area of Concern	Borings	Sampling Parameters
E-1	Building N-100; paint thinning and mixing, drum storage	None	NA
E-2	Suspect Vent Pipe on outside wall of Building M	GP-2	Soil - VOC, SVOC, Total Metals GW - VOC
E-3	Former UST #4 (15,000 gallon heating oil)	None	
E-4	Outside transformer yards (north and south yards)	GP-4	VOC, SVOC, PCB
E-5	Budget Rent-a-Car; two 500 gallon ASTs	None	
E-6	Former Drum Storage Area	GP-6	VOC, SVOC, Total Metals, PCB
E-7	Former Propane AST area	None	
E-8	Budget Rent-a-Car 12,000 gallon gasoline UST area	GP-8	VOC, SVOC
E-9	Former Combustion By-Products Co. Area	GP-9	VOC, SVOC, Total Metals
E-10	Former Reade Manufacturing Co. (weed killer)	GP-10, GP-43, GP-44	Soil - VOC, SVOC, Total Metals, PCB, Pesticides, Herbicides GW - VOC, SVOCs, Metals
E-11	Former Coal Pit storage area for old boiler room	GP-11	VOC, SVOC, Total Metals
E-12	Former Incinerator	None	
E-13	Former drum storage pad	GP-13	VOC, SVOC, Total Metals, PCB
E-14	Former drum storage pad	GP-14	VOC, SVOC, Total Metals, PCB
E-15	Former UST #2 (10,000 gallon diesel fuel)	None	
E-16	Former UST #9 (6,000 gallon gasoline)	GP-16	Soil - VOC, SVOC, Total Metals GW - VOC, SVOCs, Metals
E-17	Former UST #5 and #5a (two 1,500 gallon kerosene USTs)	None	
E-18	UST #1 (120 gallon gasoline UST)	GP-18	Soil - VOC, SVOC GW - VOC, SVOCs, Metals
E-19	Former UST #3 (280 gallon alcohol UST)	None	
E-20	Suspect UST #7 and UST #8 (two 1,000 gallon gasoline)	None	
E-21	UST #6 2,500 gallon Naphtha abandoned in place	None	
E-22	Former suspect debris pile	GP-22	VOC, SVOC, Total Metals, PCB
E-23	Former suspect debris pile	GP-23	VOC, SVOC, Total Metals, PCB
E-24	Former chemical storage	GP-24A	VOC, SVOC, Total Metals, PCB
E-25	Former drummed product storage area	GP-25	VOC, SVOC, Total Metals
E-26	Former drummed product storage area	None	
E-27	Former satellite waste accumulation area	GP-27	VOC, SVOC, Total Metals, PCB
E-28	Former satellite waste accumulation area	GP-28	VOC, SVOC, Total Metals, PCB
E-29	Former naphtha storage shed	GP-29	VOC, SVOC
E-30	Former "spongy soil" area	GP-30	Soil - VOC, SVOC, Total Metals, PCB, Pesticides, Herbicides
E-31	Former PCB Electrical capacitor storage shed	GP-31	VOC, SVOC, Total Metals, PCB
E-32	Former flammable storage room	GP-32	VOC, SVOC
E-33	Former Cole Oil Manufacturer	None	
E-34	Former Lake Shore Oil/Former Superior Graphite factory	None	
E-35	Former Central Brake Shoe and Foundry Company, Former American Brake Shoe and Former Barton Chemical Co.	None	
E-36	Former Continental Can Company	None	
E-37	Former Continental Can Company	None	
E-38	Belt Railway of Chicago	None	
E-39	Suspect Large White AST	GP-39	VOC, SVOC, Total Metals
		GP-40	VOC, SVOC, Total Metals
		GP-41	VOC, SVOC, Total Metals
		GP-42	VOC, SVOC, Total Metals
		GP-45	VOC, SVOC, PCB, Pest/Herb

Table 3
Soil VOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION			INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-2	GP-2	GP-4	GP-6	GP-8
	Class I		Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	1.5	8	1	0.75	4
Acetone	25		25	70,000	NA	100,000	100,000	NA	100,000	ND	ND	ND	ND	ND
Benzene	0.03		0.17	12	100	0.8	1.6	2,300	2.2	0.0028	0.0034	0.0048	0.0031	0.0024
Bromodichloromethane	0.6		0.6	10	92	3,000	3,000	2,000	3,000	ND	ND	ND	ND	ND
Bromoform	0.8		0.8	81	720	53	100	16,000	140	ND	ND	ND	ND	ND
Bromomethane	NA		NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	NA		NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	32		160	7,800	200,000	720	720	20,000	9	ND	ND	ND	ND	ND
Carbon tetrachloride	0.07		0.33	5	44	0.3	0.64	410	0.9	ND	ND	ND	ND	ND
Chlorobenzene	1		6.5	1,800	41,000	130	210	4,100	1.3	ND	ND	ND	ND	ND
Chlorodibromomethane	0.4		0.4	1,600	41,000	1,300	1,300	41,000	1,300	ND	ND	ND	ND	ND
Chloroethane*	15		70	31,000	820,000	1,500	1,500	82,000	94	ND	ND	ND	ND	ND
Chloroform	0.6		2.9	100	940	0.3	0.54	2,000	0.76	ND	ND	ND	ND	ND
Chloromethane*	0.14		0.68	310	8,200	110	170	820	1.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	23		110	7,800	200,000	1,300	1,700	200,000	130	ND	ND	ND	ND	ND
1-2, Dichloroethane	0.02		0.1	7	63	0.4	0.7	1,400	0.99	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.06		0.3	3,900	100,000	290	470	10,000	3	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.4		1.1	780	20,000	1,200	1,200	20,000	1,200	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.7		3.4	1,600	41,000	3,100	3,100	41,000	3,100	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.03		0.15	9	84	15	23	1,800	0.5	ND	ND	ND	ND	ND
1,3-Dichloropropene - Total	0.004		0.02	6.4	57	1.1	2.1	1,200	0.39	ND	ND	ND	ND	ND
Ethylbenzene	13		19	7,800	200,000	400	400	20,000	58	ND	ND	ND	ND	ND
2-Hexanone*	1.3		1.3	3,100	82,000	70	110	8,200	0.72	ND	ND	ND	ND	ND
Methylene Chloride	0.02		0.2	85	760	13	24	12,000	34	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NA		NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methyl-t-butylether	0.32		0.32	780	20,000	8,800	8,800	2,000	140	ND	ND	ND	ND	ND
Styrene	4		18	16,000	410,000	1,500	1,500	41,000	430	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane*	3.3		3.3	4,700	120,000	2,000	2,000	12,000	2,000	ND	ND	ND	ND	ND
Tetrachloroethane	0.06		0.3	12	110	11	20	2,400	28	ND	ND	ND	ND	ND
Toluene	12		29	16,000	410,000	650	650	410,000	42	0.0064	ND	0.010	ND	0.0056
1,1,1-Trichloroethane	2		9.6	NA	NA	1,200	1,200	NA	1,200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.02		0.3	310	8,200	1,800	1,800	8,200	1,800	ND	ND	ND	ND	ND
Trichloroethene	0.06		0.3	58	520	5	8.9	1,200	12	ND	ND	ND	ND	ND
Trichlorofluoromethane*	34		170	23,000	610,000	850	1,400	140,000	88	NA	NA	NA	NA	NA
Vinyl acetate	170		170	78,000	1,000,000	1,000	1,800	200,000	10	NA	NA	NA	NA	NA
Vinyl chloride	0.01		0.07	0.46	7.9	0.28	1.1	170	1.1	ND	ND	ND	ND	ND
Total Xylenes	150		150	16,000	410,000	320	320	41,000	5.6	ND	ND	ND	ND	ND

Units in mg/kg
 * Chemicals not in TACO
 ND = Not Detected
 NA = Not Analyzed
 Shading indicates above Tier 1 SROs
 Site Evaluated for Class II Groundwater and commercial use restriction

Table 3
Soil VOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMIADIATION OBJECTIVES		GP-8 2 5/16/05	GP-8 6 5/16/05	GP-8 1 5/16/05	GP-10 1 5/16/05	GP-10 3 5/16/05
	Class I	Class II	Residential	Commercial	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation			
Acetone	25	25	70,000	NA	100,000	100,000	NA	100,000	ND	ND	ND	0.190	0.290
Benzene	0.03	0.17	12	100	0.8	1.6	2,300	2.2	ND	0.0036	0.0029	0.0024	0.0024
Bromodichloromethane	0.6	0.6	10	92	3,000	3,000	2,000	3,000	ND	ND	ND	ND	ND
Bromoform	0.8	0.8	81	720	53	100	16,000	140	ND	ND	ND	ND	ND
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	32	160	7,800	200,000	720	720	20,000	9	ND	ND	ND	ND	ND
Carbon tetrachloride	0.07	0.33	5	44	0.3	0.64	410	0.9	ND	ND	ND	ND	ND
Chlorobenzene	1	6.5	1,500	41,000	130	210	4,100	1.3	ND	ND	ND	ND	ND
Chlorodibromomethane	0.4	0.4	1,500	41,000	1,300	1,300	41,000	1,300	ND	ND	ND	ND	ND
Chloroethane*	15	70	31,000	820,000	1,500	1,500	82,000	94	ND	ND	ND	ND	ND
Chloroform	0.6	2.9	100	940	0.3	0.54	2,000	0.76	ND	ND	ND	ND	ND
Chloromethane*	0.14	0.68	310	8,200	110	170	820	1.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	23	110	7,800	200,000	1,300	1,700	200,000	130	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	0.1	7	53	0.4	0.7	1,400	0.99	ND	0.0039	ND	ND	ND
1,1-Dichloroethene	0.05	0.3	3,900	100,000	280	470	10,000	3	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.4	1.1	780	20,000	1,200	1,200	20,000	1,200	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.7	3.4	1,500	41,000	3,100	3,100	41,000	3,100	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.03	0.15	9	84	15	23	1,800	0.5	ND	ND	ND	ND	ND
1,3-Dichloropropene - Total	0.004	0.02	6.4	57	1.1	2.1	1,200	0.39	ND	ND	ND	ND	ND
Ethylbenzene	13	19	7,800	200,000	400	400	20,000	58	ND	ND	ND	ND	0.012
2-Hexanone*	1.3	1.3	3,100	82,000	70	110	8,200	0.72	ND	ND	ND	ND	ND
Methylene Chloride	0.02	0.2	85	760	13	24	12,000	34	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methyl-1-butylether	0.32	0.32	780	20,000	8,800	8,800	2,000	140	ND	ND	ND	ND	ND
Styrene	4	18	16,000	410,000	1,500	1,500	41,000	430	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane*	3.3	3.3	4,700	120,000	2,000	2,000	12,000	2,000	ND	ND	ND	ND	ND
Tetrachloroethene	0.06	0.3	12	110	11	20	2,400	28	ND	ND	ND	ND	ND
Toluene	12	29	16,000	410,000	650	650	410,000	42	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	2	9.6	NA	NA	1,200	1,200	NA	1,200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.02	0.3	310	8,200	1,800	1,800	8,200	1,800	ND	ND	ND	ND	ND
Trichloroethene	0.06	0.3	58	520	5	8.9	1,200	12	ND	ND	ND	ND	ND
Trichlorofluoromethane*	34	170	23,000	610,000	850	1,400	140,000	88	NA	NA	NA	NA	NA
Vinyl acetate	170	170	78,000	1,000,000	1,000	1,800	200,000	10	NA	NA	NA	NA	NA
Vinyl chloride	0.01	0.07	0.46	7.9	0.28	1.1	170	1.1	ND	ND	ND	ND	ND
Total Xylenes	150	150	16,000	410,000	320	320	41,000	5.6	ND	ND	ND	0.130	0.056

* Chemicals not in TACO

Units in mg/kg

Shading indicates above Tier 1 SROs

ND = Not Detected

NA = Not Analyzed

Site Evaluated for Class II Groundwater and commercial use restriction

Table 3
Soil VOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-11 1 5/16/05	GP-11 4 5/16/05	GP-13 1.5 5/16/05	GP-14 2 5/16/05	GP-16 2 5/16/05
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation					
Acetone	25	25	70,000	NA	100,000	100,000	NA	100,000	ND	ND	ND	ND	ND
Benzene	0.03	0.17	12	100	0.8	1.6	2,300	2.2	0.0024	ND	ND	ND	ND
Bromodichloromethane	0.6	0.6	10	92	3,000	3,000	2,000	3,000	ND	ND	ND	ND	ND
Bromoform	0.8	0.8	81	720	53	100	18,000	140	ND	ND	ND	ND	ND
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	32	160	7,800	200,000	720	720	20,000	9	ND	ND	ND	ND	ND
Carbon tetrachloride	0.07	0.33	5	44	0.3	0.64	410	0.8	ND	ND	ND	ND	ND
Chlorobenzene	1	6.5	1,800	41,000	130	210	4,100	1.3	ND	ND	ND	ND	ND
Chlorodibromomethane	0.4	0.4	1,800	41,000	1,300	1,300	41,000	1,300	ND	ND	ND	ND	ND
Chloroethane*	15	70	31,000	820,000	1,500	1,500	82,000	94	ND	ND	ND	ND	ND
Chloroform	0.6	2.9	100	940	0.3	0.54	2,000	0.76	ND	ND	ND	ND	ND
Chloromethane*	0.14	0.68	310	8,200	110	170	820	1.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	23	110	7,800	200,000	1,300	1,700	200,000	130	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	0.1	7	63	0.4	0.7	1,400	0.98	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.06	0.3	3,900	100,000	290	470	10,000	3	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.4	1.1	780	20,000	1,200	1,200	20,000	1,200	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.7	3.4	1,600	41,000	3,100	3,100	41,000	3,100	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.03	0.15	8	84	15	23	1,800	0.5	ND	ND	ND	ND	ND
1,3-Dichloropropene - Total	0.004	0.02	6.4	57	1.1	2.1	1,200	0.39	ND	ND	ND	ND	ND
Ethylbenzene	13	19	7,800	200,000	400	400	20,000	58	ND	ND	ND	ND	ND
2-Hexanone*	1.3	1.3	3,100	82,000	70	110	8,200	0.72	ND	ND	ND	ND	ND
Methylene Chloride	0.02	0.2	85	760	13	24	12,000	34	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methyl-t-butylether	0.32	0.32	780	20,000	8,800	8,800	2,000	140	ND	ND	ND	ND	ND
Styrene	4	18	16,000	410,000	1,500	1,500	41,000	430	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane*	3.3	3.3	4,700	120,000	2,000	2,000	12,000	2,000	ND	ND	ND	ND	ND
Tetrachloroethene	0.06	0.3	12	110	11	20	2,400	28	ND	ND	ND	ND	ND
Toluene	12	29	16,000	410,000	650	650	410,000	42	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	2	9.6	NA	NA	1,200	1,200	NA	1,200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.02	0.3	310	8,200	1,800	1,800	6,200	1,800	ND	ND	ND	ND	ND
Trichloroethene	0.06	0.3	58	520	5	8.9	1,200	12	ND	ND	ND	ND	ND
Trichlorofluoromethane*	34	170	23,000	610,000	850	1,400	140,000	88	NA	NA	NA	NA	NA
Vinyl acetate	170	170	78,000	1,000,000	1,000	1,800	200,000	10	NA	NA	NA	NA	NA
Vinyl chloride	0.01	0.07	0.46	7.9	0.28	1.1	170	1.1	ND	ND	ND	ND	ND
Total Xylenes	150	150	16,000	410,000	320	320	41,000	5.8	ND	ND	ND	ND	ND

* Chemicals not in TACO
ND = Not Detected
NA = Not Analyzed
Units in mg/kg
Shading indicates above Tier 1 SROs
Site Evaluated for Class II Groundwater and commercial use restriction

Table 3
Soil VOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-16	GP-18	GP-18	GP-22	GP-23
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	5/16/05	1	5.5	0.5	1
Acetone	25	25	70,000	NA	100,000	100,000	NA	100,000	ND	ND	ND	0.110	ND
Benzene	0.03	0.17	12	100	0.8	1.6	2,300	2.2	0.0041	0.0068	0.0028	0.0078	ND
Bromodichloromethane	0.6	0.6	10	92	3,000	3,000	2,000	3,000	ND	<0.0024	<0.0021	ND	ND
Bromoform	0.8	0.8	81	720	53	100	16,000	140	ND	ND	ND	ND	ND
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	32	160	7,800	200,000	720	720	20,000	9	ND	ND	ND	ND	0.130
Carbon tetrachloride	0.07	0.33	5	44	0.3	0.84	410	0.8	ND	ND	ND	ND	ND
Chlorobenzene	1	6.5	1,600	41,000	130	210	4,100	1.3	ND	ND	ND	ND	ND
Chlorodibromomethane	0.4	0.4	1,600	41,000	1,300	1,300	41,000	1,300	ND	ND	ND	ND	ND
Chloroethane*	15	70	31,000	820,000	1,500	1,500	82,000	94	ND	ND	ND	ND	ND
Chloroform	0.6	2.9	100	940	0.3	0.54	2,000	0.76	ND	ND	ND	ND	ND
Chloromethane*	0.14	0.68	310	8,200	110	170	820	1.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	23	110	7,800	200,000	1,300	1,700	200,000	130	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	0.1	7	63	0.4	0.7	1,400	0.99	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.06	0.3	3,900	100,000	290	470	10,000	3	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.4	1.1	780	20,000	1,200	1,200	20,000	1,200	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.7	3.4	1,600	41,000	3,100	3,100	41,000	3,100	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.03	0.15	9	84	15	23	1,800	0.5	ND	ND	ND	ND	ND
1,3-Dichloropropene - Total	0.004	0.02	6.4	57	1.1	2.1	1,200	0.38	ND	ND	ND	ND	ND
Ethylbenzene	13	19	7,800	200,000	400	400	20,000	58	ND	ND	ND	ND	ND
2-Hexanone*	1.3	1.3	3,100	82,000	70	110	8,200	0.72	ND	ND	ND	ND	ND
Methylene Chloride	0.02	0.2	85	760	13	24	12,000	34	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	0.099	ND
Methyl-t-butylether	0.32	0.32	780	20,000	8,800	8,800	2,000	140	ND	ND	ND	ND	ND
Styrene	4	18	16,000	410,000	1,500	1,500	41,000	430	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane*	3.3	3.3	4,700	120,000	2,000	2,000	12,000	2,000	ND	ND	ND	ND	ND
Tetrachloroethene	0.06	0.3	12	110	11	20	2,400	28	ND	ND	ND	ND	ND
Toluene	12	29	16,000	410,000	650	650	410,000	42	0.0062	0.0084	0.0051	0.012	0.011
1,1,1-Trichloroethane	2	9.6	NA	NA	1,200	1,200	NA	1,200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.02	0.3	310	8,200	1,800	1,800	8,200	1,800	ND	ND	ND	ND	ND
Trichloroethene	0.06	0.3	58	520	5	8.9	1,200	12	ND	ND	ND	ND	ND
Trichlorofluoromethane*	34	170	23,000	610,000	850	1,400	140,000	88	NA	NA	NA	NA	NA
Vinyl acetate	170	170	78,000	1,000,000	1,000	1,600	200,000	10	NA	NA	NA	NA	NA
Vinyl chloride	0.01	0.07	0.46	7.9	0.28	1.1	170	1.1	ND	ND	ND	ND	ND
Total Xylenes	150	150	16,000	410,000	320	320	41,000	5.8	ND	ND	ND	ND	ND

Units in mg/kg

* Chemicals not in TACO

ND = Not Detected

Shading indicates above Tier 1 SROs

NA = Not Analyzed

Site Evaluated for Class II Groundwater and commercial use restriction

Table 3
Soil VOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-24A 0.5 5/16/05	GP-24A 4.5 5/16/05	GP-25 2 5/16/05	GP-27 1 5/16/05	GP-27 5 5/16/05
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation					
Acetone	25	25	70,000	NA	100,000	100,000	NA	100,000	ND	ND	ND	ND	ND
Benzene	0.03	0.17	12	100	0.8	1.6	2,300	2.2	0.0032	ND	0.0035	ND	0.0021
Bromodichloromethane	0.6	0.6	10	92	3,000	3,000	2,000	3,000	ND	ND	ND	ND	ND
Bromoform	0.8	0.8	81	720	53	100	16,000	140	ND	ND	ND	ND	ND
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	32	160	7,800	200,000	720	720	20,000	9	ND	ND	ND	ND	ND
Carbon tetrachloride	0.07	0.33	5	44	0.3	0.64	410	0.9	ND	ND	ND	ND	ND
Chlorobenzene	1	6.5	1,600	41,000	130	210	4,100	1.3	ND	ND	ND	ND	ND
Chlorodibromomethane	0.4	0.4	1,600	41,000	1,300	1,300	41,000	1,300	ND	ND	ND	ND	ND
Chloroethane*	15	70	31,000	820,000	1,500	1,500	82,000	94	ND	ND	ND	ND	ND
Chloroform	0.6	2.9	100	940	0.3	0.54	2,000	0.76	ND	ND	ND	ND	ND
Chloromethane*	0.14	0.68	310	8,200	110	170	820	1.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	23	110	7,800	200,000	1,300	1,700	200,000	130	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	0.1	7	63	0.4	0.7	1,400	0.99	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.06	0.3	3,900	100,000	290	470	10,000	3	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.4	1.1	780	20,000	1,200	1,200	20,000	1,200	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.7	3.4	1,600	41,000	3,100	3,100	41,000	3,100	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.03	0.15	9	84	15	23	1,800	0.5	ND	ND	ND	ND	ND
1,3-Dichloropropene - Total	0.004	0.02	6.4	57	1.1	2.1	1,200	0.39	ND	ND	ND	ND	ND
Ethylbenzene	13	19	7,800	200,000	400	400	20,000	58	ND	ND	ND	ND	ND
2-Hexanone*	1.3	1.3	3,100	82,000	70	110	8,200	0.72	ND	ND	ND	ND	ND
Methylene Chloride	0.02	0.2	85	760	13	24	12,000	34	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methyl-t-butylether	0.32	0.32	780	20,000	8,800	8,800	2,000	140	ND	ND	ND	ND	ND
Styrene	4	18	16,000	410,000	1,500	1,500	41,000	430	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane*	3.3	3.3	4,700	120,000	2,000	2,000	12,000	2,000	ND	ND	ND	ND	ND
Tetrachloroethene	0.06	0.3	12	110	11	20	2,400	28	ND	ND	ND	ND	ND
Toluene	12	29	16,000	410,000	650	650	410,000	42	0.0088	ND	0.0062	ND	0.0050
1,1,1-Trichloroethane	2	9.6	NA	NA	1,200	1,200	NA	1,200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.02	0.3	310	8,200	1,800	1,800	8,200	1,800	ND	ND	ND	ND	ND
Trichloroethene	0.06	0.3	58	520	5	8.9	1,200	12	ND	ND	ND	ND	ND
Trichlorofluoromethane*	34	170	23,000	610,000	850	1,400	140,000	88	NA	NA	NA	NA	NA
Vinyl acetate	170	170	78,000	1,000,000	1,000	1,600	200,000	10	NA	NA	NA	NA	NA
Vinyl chloride	0.01	0.07	0.46	7.9	0.28	1.1	170	1.1	ND	ND	ND	ND	ND
Total Xylenes	150	150	16,000	410,000	320	320	41,000	5.6	ND	ND	ND	ND	ND

Units in mg/kg

Shading indicates above Tier 1 SROs

Site Evaluated for Class II Groundwater and commercial use restriction

* Chemicals not in TACO

ND = Not Detected

NA = Not Analyzed

Table 3
Soil VOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-28	GP-28	GP-29	GP-29	GP-30
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	1	4.5	1.5	5	1.5
Acetone	25	25	70,000	NA	100,000	100,000	NA	100,000	ND	ND	ND	ND	ND
Benzene	0.03	0.17	12	100	0.8	1.6	2,300	2.2	ND	ND	ND	ND	0.39
Bromodichloromethane	0.6	0.6	10	92	3,000	3,000	2,000	3,000	ND	ND	ND	ND	ND
Bromoform	0.8	0.8	81	720	53	100	18,000	140	ND	ND	ND	ND	ND
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	32	160	7,800	200,000	720	720	20,000	9	ND	ND	0.130	ND	ND
Carbon tetrachloride	0.07	0.33	5	44	0.3	0.64	410	0.9	ND	ND	ND	ND	<0.56
Chlorobenzene	1	6.5	1,600	41,000	130	210	4,100	1.3	ND	ND	ND	ND	ND
Chlorodibromomethane	0.4	0.4	1,800	41,000	1,300	1,300	41,000	1,300	ND	ND	ND	ND	<0.56
Chloroethane*	15	70	31,000	820,000	1,500	1,500	82,000	94	ND	ND	ND	ND	ND
Chloroform	0.6	2.9	100	940	0.3	0.54	2,000	0.76	ND	ND	ND	ND	ND
Chloromethane*	0.14	0.68	310	8,200	110	170	820	1.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	23	110	7,800	200,000	1,300	1,700	200,000	130	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	0.1	7	63	0.4	0.7	1,400	0.98	ND	ND	ND	ND	<0.56
1,1-Dichloroethene	0.06	0.3	3,900	100,000	290	470	10,000	3	ND	ND	ND	ND	<0.56
cis-1,2-Dichloroethene	0.4	1.1	780	20,000	1,200	1,200	20,000	1,200	ND	ND	ND	0.025	<0.56
trans-1,2-Dichloroethene	0.7	3.4	1,600	41,000	3,100	3,100	41,000	3,100	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.03	0.15	9	84	15	23	1,800	0.5	ND	ND	ND	ND	<0.22
1,3-Dichloropropene - Total	0.004	0.02	6.4	57	1.1	2.1	1,200	0.39	ND	ND	ND	ND	<0.56
Ethylbenzene	13	19	7,800	200,000	400	400	20,000	58	ND	ND	ND	ND	2.7
2-Hexanone*	1.3	1.3	3,100	82,000	70	110	8,200	0.72	ND	ND	ND	ND	ND
Methylene Chloride	0.02	0.2	85	760	13	24	12,000	34	ND	ND	ND	ND	0.087
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methyl-t-butyl ether	0.32	0.32	780	20,000	8,800	8,800	2,000	140	ND	ND	ND	ND	<5.6
Styrene	4	18	16,000	410,000	1,500	1,500	41,000	430	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane*	3.3	3.3	4,700	120,000	2,000	2,000	12,000	2,000	ND	ND	ND	ND	ND
Tetrachloroethene	0.06	0.3	12	110	11	20	2,400	28	ND	ND	ND	ND	0.043
Toluene	12	29	16,000	410,000	650	650	410,000	42	ND	ND	ND	0.0057	0.79
1,1,1-Trichloroethane	2	9.6	NA	NA	1,200	1,200	NA	1,200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.02	0.3	310	8,200	1,800	1,800	8,200	1,800	ND	ND	ND	ND	<0.56
Trichloroethene	0.06	0.3	58	520	5	8.9	1,200	12	ND	ND	ND	ND	<0.56
Trichlorofluoromethane*	34	170	23,000	610,000	850	1,400	140,000	88	NA	NA	NA	NA	NA
Vinyl acetate	170	170	78,000	1,000,000	1,000	1,600	200,000	10	NA	NA	NA	NA	NA
Vinyl chloride	0.01	0.07	0.46	7.9	0.28	1.1	170	1.1	ND	ND	ND	ND	ND
Total Xylenes	150	150	16,000	410,000	320	320	41,000	5.6	ND	ND	ND	ND	110

* Chemicals not in TACO

ND = Not Detected

NA = Not Analyzed

Units in mg/kg
Shading indicates above Tier 1 SROs
Site Evaluated for Class II Groundwater and commercial use restriction

Note that sample GP-30 (1.5) had an elevated detection limit, those exceeding SROs are listed, please refer to Appendix A for specific detection limits.

Table 3
Soil VOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-30	GP-31	GP-31 (DUP)	GP-32A	GP-32A
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	5/16/05	2.5	5/16/05	1	5/16/05
Acetone	25	25	70,000	NA	100,000	100,000	NA	100,000	ND	ND	ND	ND	ND
Benzene	0.03	0.17	12	100	0.8	1.6	2,300	2.2	ND	ND	ND	ND	0.0033
Bromodichloromethane	0.6	0.6	10	92	3,000	3,000	2,000	3,000	ND	ND	ND	ND	ND
Bromoform	0.8	0.8	81	720	53	100	18,000	140	ND	ND	ND	ND	ND
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	32	160	7,800	200,000	720	720	20,000	9	ND	ND	ND	ND	ND
Carbon tetrachloride	0.07	0.33	5	44	0.3	0.64	410	0.9	ND	ND	ND	ND	ND
Chlorobenzene	1	6.5	1,600	41,000	130	210	4,100	1.3	ND	ND	ND	ND	ND
Chlorodibromomethane	0.4	0.4	1,600	41,000	1,300	1,300	41,000	1,300	ND	ND	ND	ND	ND
Chloroethane*	15	70	31,000	820,000	1,500	1,500	82,000	94	ND	ND	ND	ND	ND
Chloroform	0.6	2.9	100	940	0.3	0.54	2,000	0.76	ND	ND	ND	ND	ND
Chloromethane*	0.14	0.68	310	8,200	110	170	820	1.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	23	110	7,800	200,000	1,300	1,700	200,000	130	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	0.1	7	63	0.4	0.7	1,400	0.99	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.06	0.3	3,900	100,000	290	470	10,000	3	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.4	1.1	780	20,000	1,200	1,200	20,000	1,200	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.7	3.4	1,600	41,000	3,100	3,100	41,000	3,100	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.03	0.15	9	84	15	23	1,800	0.5	ND	ND	ND	ND	ND
1,3-Dichloropropene - Total	0.004	0.02	6.4	57	1.1	2.1	1,200	0.39	ND	ND	ND	ND	ND
Ethylbenzene	13	19	7,800	200,000	400	400	20,000	58	ND	ND	ND	ND	ND
2-Hexanone*	1.3	1.3	3,100	82,000	70	110	8,200	0.72	ND	ND	ND	ND	ND
Methylene Chloride	0.02	0.2	85	760	13	24	12,000	34	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methyl-t-butylether	0.32	0.32	780	20,000	8,800	8,800	2,000	140	ND	ND	ND	ND	ND
Styrene	4	18	16,000	410,000	1,500	1,500	41,000	430	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane*	3.3	3.3	4,700	120,000	2,000	2,000	12,000	2,000	ND	ND	ND	ND	ND
Tetrachloroethene	0.06	0.3	12	110	11	20	2,400	28	ND	ND	ND	ND	ND
Toluene	12	29	16,000	410,000	650	650	410,000	42	ND	ND	ND	ND	0.0056
1,1,1-Trichloroethane	2	9.6	NA	NA	1,200	1,200	NA	1,200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.02	0.3	310	8,200	1,800	1,800	8,200	1,800	ND	ND	ND	ND	ND
Trichloroethene	0.06	0.3	58	520	5	8.9	1,200	12	ND	ND	ND	ND	ND
Trichlorofluoromethane*	34	170	23,000	610,000	850	1,400	140,000	88	NA	NA	NA	NA	NA
Vinyl acetate	170	170	78,000	1,000,000	1,000	1,600	200,000	10	NA	NA	NA	NA	NA
Vinyl chloride	0.01	0.07	0.46	7.9	0.28	1.1	170	1.1	ND	ND	ND	ND	ND
Total Xylenes	150	150	15,000	410,000	320	320	41,000	5.6	0.0095	ND	ND	ND	ND

* Chemicals not in TACO

ND = Not Detected

NA = Not Analyzed

Units in mg/kg

Shading indicates above Tier 1 SROs

Site Evaluated for Class II Groundwater and commercial use restriction

Table 3
Soil VOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-39 1 5/16/05	GP-39 7 5/16/05	GP-40 2 5/16/05	GP-40 5.5 5/16/05	GP-41 1.3 5/16/05
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation					
Acetone	25	25	70,000	NA	100,000	100,000	NA	100,000	ND	ND	ND	ND	ND
Benzene	0.03	0.17	12	100	0.8	1.8	2,300	2.2	0.0026	0.0035	ND	ND	0.0035
Bromodichloromethane	0.6	0.6	10	92	3,000	3,000	2,000	3,000	ND	ND	ND	ND	ND
Bromoform	0.8	0.8	81	720	53	100	18,000	140	ND	ND	ND	ND	ND
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	32	160	7,800	200,000	720	720	20,000	8	ND	ND	ND	ND	ND
Carbon tetrachloride	0.07	0.33	5	44	0.3	0.64	410	0.9	ND	ND	ND	ND	ND
Chlorobenzene	1	6.5	1,600	41,000	130	210	4,100	1.3	ND	ND	ND	ND	ND
Chlorodibromomethane	0.4	0.4	1,600	41,000	1,300	1,300	41,000	1,300	ND	ND	ND	ND	ND
Chloroethane*	15	70	31,000	820,000	1,500	1,500	82,000	94	ND	ND	ND	ND	ND
Chloroform	0.6	2.9	100	940	0.3	0.54	2,000	0.76	ND	ND	ND	ND	ND
Chloromethane*	0.14	0.68	310	8,200	110	170	820	1.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	23	110	7,800	200,000	1,300	1,700	200,000	130	ND	ND	ND	ND	ND
1-2, Dichloroethane	0.02	0.1	7	63	0.4	0.7	1,400	0.99	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.06	0.3	3,900	100,000	290	470	10,000	3	ND	ND	ND	ND	ND
cis-1,2-Dichloroethane	0.4	1.1	780	20,000	1,200	1,200	20,000	1,200	ND	ND	ND	ND	ND
trans-1,2-Dichloroethane	0.7	3.4	1,600	41,000	3,100	3,100	41,000	3,100	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.03	0.15	9	84	15	23	1,800	0.5	ND	ND	ND	ND	ND
1,3-Dichloropropene - Total	0.004	0.02	6.4	57	1.1	2.1	1,200	0.39	ND	ND	ND	ND	ND
Ethylbenzene	13	19	7,800	200,000	400	400	20,000	58	ND	ND	ND	ND	ND
2-Hexanone*	1.3	1.3	3,100	82,000	70	110	8,200	0.72	ND	ND	ND	ND	ND
Methylene Chloride	0.02	0.2	85	760	13	24	12,000	34	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methyl-1-butylether	0.32	0.32	780	20,000	8,800	8,800	2,000	140	ND	ND	ND	ND	ND
Styrene	4	18	16,000	410,000	1,500	1,500	41,000	430	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane*	3.3	3.3	4,700	120,000	2,000	2,000	12,000	2,000	ND	ND	ND	ND	ND
Tetrachloroethene	0.06	0.3	12	110	11	20	2,400	28	ND	ND	ND	ND	0.080
Toluene	12	29	16,000	410,000	650	650	410,000	42	ND	ND	ND	ND	0.0084
1,1,1-Trichloroethane	2	9.6	NA	NA	1,200	1,200	NA	1,200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.02	0.3	310	8,200	1,800	1,800	8,200	1,800	ND	ND	ND	ND	ND
Trichloroethene	0.06	0.3	58	520	5	8.9	1,200	12	ND	ND	ND	ND	ND
Trichlorofluoromethane*	34	170	23,000	610,000	850	1,400	140,000	88	NA	NA	NA	NA	NA
Vinyl acetate	170	170	78,000	1,000,000	1,000	1,600	200,000	10	NA	NA	NA	NA	NA
Vinyl chloride	0.01	0.07	0.46	7.9	0.28	1.1	170	1.1	ND	ND	ND	ND	ND
Total Xylenes	150	150	16,000	410,000	320	320	41,000	5.6	ND	ND	ND	ND	ND

* Chemicals not in TACO

ND = Not Detected

NA = Not Analyzed

Units in mg/kg

Shading indicates above Tier 1 SROs

Site Evaluated for Class II Groundwater and commercial use restriction

Table 3
Soil VOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-41	GP-42	GP-42	GP-43	GP-43
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	4	1	8	1.5	5.5
Acetone	25	25	70,000	NA	100,000	100,000	NA	100,000	ND	ND	ND	0.360	ND
Benzene	0.03	0.17	12	100	0.8	1.6	2,300	2.2	0.0036	ND	ND	0.590	0.0028
Bromodichloromethane	0.6	0.6	10	92	3,000	3,000	2,000	3,000	ND	ND	ND	ND	ND
Bromoform	0.8	0.8	81	720	53	100	16,000	140	ND	ND	ND	ND	ND
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	32	160	7,800	200,000	720	720	20,000	9	ND	ND	ND	ND	ND
Carbon tetrachloride	0.07	0.33	5	44	0.3	0.64	410	0.8	ND	ND	ND	ND	ND
Chlorobenzene	1	6.5	1,600	41,000	130	210	4,100	1.3	ND	ND	ND	ND	ND
Chlorodibromomethane	0.4	0.4	1,600	41,000	1,300	1,300	41,000	1,300	ND	ND	ND	ND	ND
Chloroethane*	15	70	31,000	820,000	1,500	1,500	82,000	94	ND	ND	ND	ND	ND
Chloroform	0.6	2.9	100	940	0.3	0.54	2,000	0.76	ND	ND	ND	ND	ND
Chloromethane*	0.14	0.88	310	8,200	110	170	820	1.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	23	110	7,800	200,000	1,300	1,700	200,000	130	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	0.1	7	63	0.4	0.7	1,400	0.99	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.06	0.3	3,900	100,000	290	470	10,000	3	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.4	1.1	780	20,000	1,200	1,200	20,000	1,200	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.7	3.4	1,600	41,000	3,100	3,100	41,000	3,100	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.03	0.15	9	84	16	23	1,800	0.5	ND	ND	ND	ND	ND
1,3-Dichloropropene - Total	0.004	0.02	6.4	57	1.1	2.1	1,200	0.39	ND	ND	ND	ND	ND
Ethylbenzene	13	19	7,800	200,000	400	400	20,000	58	ND	ND	ND	0.018	ND
2-Hexanone*	1.3	1.3	3,100	82,000	70	110	8,200	0.72	ND	ND	ND	ND	ND
Methylene Chloride	0.02	0.2	85	760	13	24	12,000	34	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methyl-t-butylether	0.32	0.32	780	20,000	8,800	8,800	2,000	140	ND	ND	ND	ND	ND
Styrene	4	18	16,000	410,000	1,500	1,500	41,000	430	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane*	3.3	3.3	4,700	120,000	2,000	2,000	12,000	2,000	ND	ND	ND	ND	ND
Tetrachloroethane	0.06	0.3	12	110	11	20	2,400	28	ND	ND	ND	ND	ND
Toluene	12	29	16,000	410,000	650	650	410,000	42	ND	ND	ND	0.0041	0.0041
1,1,1-Trichloroethane	2	9.6	NA	NA	1,200	1,200	NA	1,200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.02	0.3	310	8,200	1,800	1,800	6,200	12	ND	ND	ND	ND	ND
Trichloroethene	0.06	0.3	58	520	5	8.9	1,200	88	ND	ND	ND	ND	ND
Trichlorofluoromethane*	34	170	23,000	610,000	850	1,400	140,000	10	NA	NA	NA	NA	NA
Vinyl acetate	170	170	78,000	1,000,000	1,000	1,600	200,000	1.1	NA	NA	NA	NA	NA
Vinyl chloride	0.01	0.07	0.46	7.9	0.28	1.1	170	1.1	ND	ND	ND	ND	ND
Total Xylenes	150	150	18,000	410,000	320	320	41,000	5.8	ND	ND	ND	ND	0.0045

* Chemicals not in TACO

ND = Not Detected

NA = Not Analyzed

Shading indicates above Tier 1 SROs

Site Evaluated for Class II Groundwater and commercial use restriction

Table 3
Soil VOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-44 1.25 5/16/05	GP-44 5.5 5/16/05	GP-45 1 5/16/05	MW-4 4 9/10/08	MW-4 7 9/10/08
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation					
Acetone	25	25	70,000	NA	100,000	100,000	NA	100,000	ND	ND	ND	0.0046	0.024
Benzene	0.03	0.17	12	100	0.8	1.6	2,300	2.2	ND	ND	0.0036	ND	ND
Bromodichloromethane	0.6	0.6	10	92	3,000	3,000	2,000	3,000	ND	ND	ND	ND	ND
Bromoform	0.8	0.8	81	720	53	100	18,000	140	ND	ND	ND	ND	ND
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Carbon disulfide	32	160	7,800	200,000	720	720	20,000	8	ND	ND	ND	ND	ND
Carbon tetrachloride	0.07	0.33	5	44	0.3	0.64	410	0.8	ND	ND	ND	ND	ND
Chlorobenzene	1	6.5	1,600	41,000	130	210	4,100	1.3	ND	ND	ND	ND	ND
Chlorodibromomethane	0.4	0.4	1,600	41,000	1,300	1,300	41,000	1,300	ND	ND	ND	ND	ND
Chloroethane*	15	70	31,000	820,000	1,500	1,500	82,000	94	ND	ND	ND	ND	ND
Chloroform	0.6	2.9	100	940	0.3	0.54	2,000	0.76	ND	ND	ND	ND	ND
Chloromethane*	0.14	0.68	310	8,200	110	170	820	1.1	ND	ND	ND	ND	ND
1,1-Dichloroethane	23	110	7,800	200,000	1,300	1,700	200,000	130	ND	ND	ND	ND	ND
1-2, Dichloroethane	0.02	0.1	7	63	0.4	0.7	1,400	0.89	ND	ND	<0.029	ND	ND
1,1-Dichloroethene	0.06	0.3	3,900	100,000	290	470	10,000	3	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.4	1.1	780	20,000	1,200	1,200	20,000	1,200	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.7	3.4	1,600	41,000	3,100	3,100	41,000	3,100	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.03	0.15	9	84	15	23	1,800	0.5	ND	ND	ND	ND	ND
1,3-Dichloropropene - Total	0.004	0.02	6.4	57	1.1	2.1	1,200	0.39	ND	ND	<0.029	ND	ND
Ethylbenzene	13	19	7,800	200,000	400	400	20,000	58	ND	ND	ND	ND	ND
2-Hexanone*	1.3	1.3	3,100	82,000	70	110	8,200	0.72	ND	ND	ND	ND	ND
Methylene Chloride	0.02	0.2	85	760	13	24	12,000	34	ND	ND	<0.057	ND	ND
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methyl-t-butylether	0.32	0.32	780	20,000	8,800	8,800	2,000	140	ND	ND	ND	ND	ND
Styrene	4	18	16,000	410,000	1,500	1,500	41,000	430	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane*	3.3	3.3	4,700	120,000	2,000	2,000	12,000	2,000	ND	ND	ND	ND	ND
Tetrachloroethene	0.06	0.3	12	110	11	20	2,400	28	ND	ND	ND	ND	ND
Toluene	12	29	16,000	410,000	650	650	410,000	42	ND	ND	ND	ND	0.0073
1,1,1-Trichloroethane	2	9.6	NA	NA	1,200	1,200	NA	1,200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.02	0.3	310	8,200	1,800	1,800	8,200	1,800	ND	ND	<0.029	ND	ND
Trichloroethene	0.06	0.3	58	520	5	8.9	1,200	12	ND	ND	ND	ND	ND
Trichlorofluoromethane*	34	170	23,000	610,000	850	1,400	140,000	88	NA	NA	NA	ND	ND
Vinyl acetate	170	170	78,000	1,000,000	1,000	1,600	200,000	10	NA	NA	NA	ND	ND
Vinyl chloride	0.01	0.07	0.46	7.9	0.28	1.1	170	1.1	ND	ND	ND	ND	ND
Total Xylenes	150	150	16,000	410,000	320	320	41,000	5.6	ND	ND	ND	ND	ND

Note that sample GP-45 (1) had an elevated detection limit, those exceeding SROs are listed, please refer to Appendix A for specific detection limits.

Units in mg/kg

* Chemicals not in TACO

ND = Not Detected

Shading indicates above Tier 1 SROs

NA = Not Analyzed

Site Evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-2	GP-2	GP-4	GP-6	GP-6
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	1.5 5/16/05	8 5/16/05	1 5/16/05	0.75 5/16/05	4 5/16/05
Acenaphthene	670	2,900	4,700	120,000	NA	NA	120,000	NA	ND	ND	ND	ND	ND
Anthracene	12,000	59,000	23,000	610,000	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzo(a)anthracene	2	8	1.8 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzo(a)pyrene	8	82	2.1 ¹	2.1 ¹	NA	NA	17	NA	ND	ND	ND	0.28	ND
Benzo(b)fluoranthene	5	25	2.1 ¹	8	NA	NA	170	NA	ND	ND	ND	0.40	ND
Benzo(ghi)perylene ³	27,000	130,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	49	250	9	78	NA	NA	1,700	NA	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.66 ²	0.66 ²	0.6	5	0.2	0.47	75	0.66	ND	ND	ND	ND	ND
bis(2-ethylhexyl)phthalate	3,600	31,000	46	410	31,000	31,000	4,100	31,000	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Butylbenzylphthalate	930	930	16,000	410,000	930	930	410,000	930	ND	ND	ND	ND	ND
Carbazole	0.6	2.8	32	290	NA	NA	6,200	NA	ND	ND	ND	ND	ND
4-Chloroaniline	0.7	0.7	310	8,200	NA	NA	820	NA	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chlorophenol	4	4	390	10,000	53,000	53,000	10,800	53,000	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chrysene	160	800	88	780	NA	NA	17,000	NA	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	2	7.6	0.42 ¹	0.8	NA	NA	17	NA	ND	ND	ND	ND	ND
Dibenzofuran ³	6.1	30	160	41,000	NA	NA	4,100	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	17	43	7,000	180,000	560	560	18,000	310	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	11	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3 ³	1.3 ²	1	13	11,000	17,000	NA	340	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1	1	230	6,100	NA	NA	280	NA	ND	ND	ND	ND	ND
Diethylphthalate	470	470	63,000	1,000,000	2,000	2,000	1,000,000	2,000	ND	ND	ND	ND	ND
2,4-Dimethylphenol	9	9	1,600	41,000	NA	NA	41,000	NA	ND	ND	ND	ND	ND
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4-Dinitrophenol	3.3 ²	3.3 ²	160	4,100	NA	NA	410	NA	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.250 ²	0.250 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	0.260 ²	0.260 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
Di-n-octylphthalate	10,000	10,000	1,600	41,000	10,000	10,000	4,100	10,000	ND	ND	ND	ND	ND
Fluoranthene	4,300	21,000	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	0.61	ND
Fluorene	560	2,800	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	ND	ND
Hexachlorobenzene	2	11	0.4	4	1	1.8	78	2.8	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	400	2,200	550	14,000	10	16	14,000	1.1	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-Q405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-2	GP-2	GP-4	GP-6	GP-8
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	1.5 5/16/05	8 5/16/05	1 5/16/05	0.75 5/16/05	4 5/16/05
Hexachloroethane	0.5	2.6	78	2,000	NA	NA	2,000	NA	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	14	69	1.6 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Isophorone	8	8	16,600	410,000	4,600	4,600	410,000	4,600	ND	ND	ND	ND	ND
2-Methylphenol	15	15	3,900	100,000	NA	NA	100,000	NA	ND	ND	ND	ND	ND
3 & 4 Methylphenol ²	0.20	0.20	390	10,000	NA	NA	1,000	NA	ND	ND	ND	ND	ND
Naphthalene	12	18	1,600	41,000	170	270	4,100	1.8	ND	ND	ND	ND	ND
2-Nitroaniline ³	0.14	0.14	230	6,100	35	55	610	3.8	ND	ND	ND	ND	ND
3-Nitroaniline ³	0.01	0.01	23	610	250	400	61	26	ND	ND	ND	ND	ND
4-Nitroaniline ³	0.1	0.1	230	6,100	1,000	1,800	610	110	ND	ND	ND	ND	ND
Nitrobenzene	0.26 ²	0.26 ²	39	1,000	92	140	1,000	9.4	ND	ND	ND	ND	ND
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Nitrophenol ³	NA	NA	630	16,000	NA	NA	16,000	NA	ND	ND	ND	ND	ND
N-nitrosodl-n-propylamine	0.0018 ²	0.0018 ²	0.09	0.8	NA	NA	18	NA	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	1	5.6	130	1,200	NA	NA	25,000	NA	ND	ND	ND	ND	ND
Pentachlorophenol	0.03	0.14	3	24	NA	NA	520	NA	ND	ND	ND	ND	ND
Phenanthrene ³	200	1,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Phenol	100	100	23,000	610,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Pyrene	4,200	21,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
1,2,4 - Trichlorobenzene	5	63	780	20,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
2,4,5 - Trichlorophenol	270	1,400	7,800	200,000	3,200	3,200	2,000	920	ND	ND	ND	ND	ND
2,4,6 - Trichlorophenol	0.66 ²	0.77	58	520	NA	NA	200,000	NA	ND	ND	ND	ND	ND
					200	390	11,000	540	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-8	GP-8	GP-9	GP-10	GP-10
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	2	6	1	1	3
Acenaphthene	870	2,900	4,700	120,000	NA	NA	120,000	NA	ND	ND	ND	ND	ND
Anthracene	12,000	59,000	23,000	610,000	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzofluoranthene	2	8	1.8 ¹	8	NA	NA	170	NA	ND	ND	0.78	ND	ND
Benzofluoranthene	8	82	2.1 ¹	2.1 ¹	NA	NA	17	NA	ND	ND	0.75	ND	ND
Benzofluoranthene	5	26	2.1 ¹	8	NA	NA	170	NA	ND	ND	0.96	ND	ND
Benzofluoranthene	27,000	130,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	0.50	ND	ND
Benzofluoranthene	49	250	9	78	NA	NA	1,700	NA	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)ether	0.66 ²	0.66 ²	0.6	5	0.2	0.47	75	0.66	ND	ND	ND	ND	ND
bis(2-ethylhexyle)phthalate	3,600	31,000	46	410	31,000	31,000	4,100	31,000	ND	ND	0.68	ND	ND
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Butylbenzylphthalate	930	930	16,000	410,000	930	930	410,000	930	ND	ND	ND	ND	ND
Carbazole	0.6	2.8	32	290	NA	NA	6,200	NA	ND	ND	ND	ND	ND
4-Chloroaniline	0.7	0.7	310	9,200	NA	NA	820	NA	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chlorophenol	4	4	330	10,000	53,000	53,000	10,000	53,000	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chrysene	160	800	88	780	NA	NA	17	NA	ND	ND	0.83	ND	0.45
Dibenzofuran	2	7.6	0.42 ¹	0.8	NA	NA	17	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	17	43	7,000	180,000	560	560	18,000	310	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	11	NA	NA	11,000	17,000	NA	340	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3 ²	1.3 ²	1	13	NA	NA	280	NA	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1	1	230	6,100	NA	NA	810	NA	ND	ND	ND	ND	ND
Diethylphthalate	470	470	63,000	1,000,000	2,000	2,000	1,000,000	2,000	ND	ND	ND	ND	ND
2,4-Dimethylphenol	9	9	1,600	41,000	NA	NA	41,000	NA	ND	ND	ND	ND	ND
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	410	NA	ND	ND	ND	ND	ND
2,4-Dinitrophenol	3.3 ²	3.3 ²	160	4,100	NA	NA	180	NA	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.250 ²	0.250 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	0.260 ²	0.260 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
Di-n-octylphthalate	10,000	10,000	1,600	41,000	10,000	10,000	4,100	10,000	ND	ND	ND	ND	ND
Fluoranthene	4,300	21,000	3,100	82,000	NA	NA	82,000	NA	ND	ND	1.8	ND	ND
Fluorene	660	2,800	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	ND	1.0
Hexachlorobenzene	2	11	0.4	4	1	1.8	78	2.8	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	400	2,200	550	14,000	10	16	14,000	1.1	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-8	GP-8	GP-9	GP-10	GP-10
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	5/16/05	5/16/05	5/16/05	5/16/05	5/16/05
Hexachloroethane	0.5	2.6	78	2,000	NA	NA	2,000	NA	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	14	89	1.6 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Isophorone	8	8	15,600	410,000	4,600	4,600	410,000	4,800	ND	ND	1.3	ND	ND
2-Methylphenol	15	15	3,900	100,000	NA	NA	100,000	NA	ND	ND	ND	ND	ND
3 & 4 Methylphenol ⁴	0.20	0.20	390	10,000	NA	NA	1,000	NA	ND	ND	ND	ND	ND
Naphthalene	12	18	1,600	41,000	170	270	4,100	1.8	ND	ND	ND	ND	ND
2-Nitroaniline ³	0.14	0.14	230	6,100	35	56	610	3.6	ND	ND	ND	ND	ND
3-Nitroaniline ³	0.01	0.01	23	610	260	400	61	26	ND	ND	ND	ND	ND
4-Nitroaniline ³	0.1	0.1	230	6,100	1,000	1,600	610	110	ND	ND	ND	ND	ND
Nitrobenzene	0.26 ²	0.26 ²	39	1,000	92	140	1,000	9.4	ND	ND	ND	ND	ND
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Nitrophenol ³	NA	NA	630	16,000	NA	NA	16,000	NA	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	0.0018 ²	0.0018 ²	0.09	0.8	NA	NA	18	NA	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	1	5.6	130	1,200	NA	NA	25,000	NA	ND	ND	ND	ND	ND
Pentachlorophenol	0.03	0.14	3	24	NA	NA	520	NA	ND	ND	ND	ND	ND
Phenanthrene ³	200	1,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Phenol	100	100	23,000	610,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Pyrene	4,200	21,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	1.2	2.3	1.5
1,2,4 - Trichlorobenzene	5	53	780	20,000	3,200	3,200	2,000	920	ND	ND	ND	ND	ND
2,4,5 - Trichlorophenol	270	1,400	7,800	200,000	NA	NA	200,000	NA	ND	ND	ND	ND	ND
2,4,6 - Trichlorophenol	0.66 ²	0.77	68	520	200	390	11,000	640	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIAL OBJECTIVES		GP-11 1	GP-11 4	GP-13 1.5	GP-14 2	GP-16 5
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	5/16/05	5/16/05	5/16/05	5/16/05	5/16/05
Acenaphthene	670	2,900	4,700	120,000	NA	NA	120,000	NA	ND	ND	ND	ND	ND
Anthracene	12,000	59,000	23,000	610,000	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzofluoranthene	2	8	1.8 ¹	8	NA	NA	170	NA	0.94	0.49	ND	ND	ND
Benzofluoranthene	8	82	2.1 ¹	2.1 ¹	NA	NA	17	NA	0.89	0.49	ND	ND	ND
Benzofluoranthene	5	25	2.1 ¹	8	NA	NA	170	NA	1.2	0.66	ND	ND	ND
Benzofluoranthene	27,000	130,000	2,300	61,000	NA	NA	61,000	NA	0.82	0.37	ND	ND	ND
Benzofluoranthene	49	250	9	78	NA	NA	1,700	NA	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.66 ²	0.66 ²	0.6	6	9.2	0.47	75	0.66	ND	ND	ND	ND	ND
bis(2-ethylhexyle)phthalate	3,600	31,000	46	410	31,000	31,000	4,100	31,000	2.1	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Butylbenzylphthalate	930	930	16,000	410,000	930	930	410,000	930	ND	ND	ND	ND	ND
Carbazole	0.6	2.8	32	290	NA	NA	6,200	NA	ND	ND	ND	ND	ND
4-Chloroaniline	0.7	0.7	310	8,200	NA	NA	820	NA	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chlorophenol	4	4	390	10,000	53,000	53,000	10,000	53,000	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chrysene	160	800	88	780	NA	NA	17,000	NA	0.93	0.52	ND	ND	ND
Dibenz(a,h)anthracene	2	7.6	0.42 ¹	0.8	NA	NA	17	NA	ND	ND	ND	ND	ND
Dibenzofuran	6.1	30	160	41,000	NA	NA	4,100	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	17	43	7,000	180,000	560	560	18,000	310	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	11	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3 ²	1.3 ²	1	13	11,000	17,000	NA	340	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1	1	230	6,100	NA	NA	280	NA	ND	ND	ND	ND	ND
Diethylphthalate	470	470	63,000	1,000,000	2,000	2,000	1,000,000	2,000	ND	ND	ND	ND	ND
2,4-Dimethylphenol	9	9	1,600	41,000	NA	NA	41,000	NA	ND	ND	ND	ND	ND
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4-Dinitrophenol	3.3 ²	3.3 ²	160	4,100	NA	NA	410	NA	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.260 ²	0.250 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	0.260 ²	0.260 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
Di-n-octylphthalate	10,000	10,000	1,600	41,000	10,000	10,000	4,100	10,000	ND	ND	ND	ND	ND
Fluoranthene	4,300	21,000	3,100	82,000	NA	NA	82,000	NA	2.3	1.2	ND	ND	ND
Fluorene	660	2,800	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	ND	ND
Hexachlorobenzene	2	11	0.4	4	1	1.8	78	2.8	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	400	2,200	550	14,000	10	16	14,000	1.1	ND	ND	ND	ND	ND

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-11	GP-11	GP-13	GP-14	GP-16
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	1	4	1.5	2	5
Hexachloroethane	0.5	2.6	78	2,000	NA	NA	2,000	NA	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	14	69	1.6 ¹	8	NA	NA	170	NA	0.68	ND	ND	ND	ND
Isophorone	8	8	15,600	410,000	4,600	4,600	410,000	4,600	ND	ND	ND	ND	ND
2-Methylphenol	15	15	3,900	100,000	NA	NA	100,000	NA	ND	ND	ND	ND	ND
3 & 4 Methylphenol ¹	0.20	0.20	390	10,000	NA	NA	1,000	NA	ND	ND	ND	ND	ND
Naphthalene	12	18	1,600	41,000	170	270	4,100	1.8	ND	ND	ND	ND	ND
2-Nitroaniline ²	0.14	0.14	230	6,100	35	56	610	3.6	ND	ND	ND	ND	ND
3-Nitroaniline ³	0.01	0.01	23	610	250	400	61	26	ND	ND	ND	ND	ND
4-Nitroaniline ³	0.1	0.1	230	6,100	1,000	1,600	610	110	ND	ND	ND	ND	ND
Nitrobenzene	0.26 ²	0.26 ²	39	1,000	92	140	1,000	9.4	ND	ND	ND	ND	ND
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Nitrophenol ³	NA	NA	630	16,000	NA	NA	18,000	NA	ND	ND	ND	ND	ND
N-nitrosodipropylamine	0.0018 ²	0.0018 ²	0.09	0.8	NA	NA	18	NA	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	1	5.6	130	1,200	NA	NA	26,000	NA	ND	ND	ND	ND	ND
Pentachlorophenol	0.03	0.14	3	24	NA	NA	520	NA	ND	ND	ND	ND	ND
Phenanthrene ³	200	1,000	2,300	61,000	NA	NA	61,000	NA	1.7	0.72	ND	ND	ND
Phenol	100	100	23,000	610,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Pyrene	4,200	21,000	2,300	61,000	NA	NA	61,000	NA	1.7	0.84	ND	ND	ND
1,2,4 - Trichlorobenzene	6	53	780	20,000	3,200	3,200	2,000	920	ND	ND	ND	ND	ND
2,4,5 - Trichlorophenol	270	1,400	7,800	200,000	NA	NA	200,000	NA	ND	ND	ND	ND	ND
2,4,6 - Trichlorophenol	0.66 ¹	0.77	58	520	200	390	11,000	540	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-18	GP-18	GP-22	GP-23	GP-24A
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	1	5.6	0.5	1	4.5
Acenaphthene	570	2,900	4,700	120,000	NA	NA	120,000	NA	ND	ND	ND	ND	ND
Anthracene	12,000	59,000	23,000	610,000	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzofluoranthene	2	8	1.8 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzofluoranthene	8	82	2.1 ¹	2.1 ¹	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzofluoranthene	6	25	2.1 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzofluoranthene	27,000	130,000	2,300	61,000	NA	NA	81,000	NA	ND	ND	ND	ND	ND
Benzofluoranthene	49	250	9	78	NA	NA	1,700	NA	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.66 ²	0.66 ²	0.6	5	0.2	0.47	75	0.66	ND	ND	ND	<4.7	ND
bis(2-ethylhexyl)phthalate	3,600	31,000	46	410	31,000	31,000	4,100	31,000	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Butylbenzylphthalate	930	930	16,000	410,000	930	930	410,000	930	ND	ND	ND	ND	ND
Carbazole	0.6	2.8	32	280	NA	NA	6,200	NA	ND	ND	ND	<4.7	ND
4-Chloroaniline	0.7	0.7	310	8,200	NA	NA	820	NA	ND	ND	ND	<4.7	ND
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chlorophenol	4	4	390	10,000	53,000	53,000	10,000	53,000	ND	ND	ND	<4.7	ND
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chrysene	160	800	88	780	NA	NA	17,000	NA	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	2	7.6	0.42 ¹	0.8	NA	NA	17	NA	ND	ND	ND	<0.88	ND
Dibenzofuran ³	6.1	30	160	41,000	NA	NA	4,100	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	17	43	7,000	180,000	560	560	18,000	310	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	11	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3 ²	1.3 ²	1	13	11,000	17,000	280	340	ND	ND	ND	<8.6	ND
2,4-Dichlorophenol	1	1	230	6,100	NA	NA	610	NA	ND	ND	ND	<4.7	ND
Diethylphthalate	470	470	63,000	1,000,000	2,000	2,000	1,000,000	2,000	ND	ND	ND	ND	ND
2,4-Dimethylphenol	9	9	1,600	41,000	NA	NA	41,000	NA	ND	ND	ND	ND	ND
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	410	NA	ND	ND	ND	<4.7	ND
2,4-Dinitrophenol	3.3 ²	3.3 ²	160	4,100	NA	NA	180	NA	ND	ND	ND	<4.7	ND
2,4-Dinitrotoluene	0.250 ²	0.250 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	<4.7	ND
2,6-Dinitrotoluene	0.260 ²	0.260 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	<4.7	ND
Di-n-octylphthalate	10,000	10,000	1,600	41,000	10,000	10,000	4,100	10,000	ND	ND	ND	ND	ND
Fluoranthene	4,300	21,000	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	ND	ND
Fluorene	560	2,800	3,100	82,000	NA	NA	78	2.8	ND	ND	ND	<4.7	ND
Hexachlorobenzene	2	11	0.4	4	1	1.8	NA	NA	ND	ND	ND	<4.7	ND
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	<4.7	ND
Hexachlorocyclopentadiene	400	2,200	550	14,000	10	16	14,000	1.1	ND	ND	ND	<4.7	ND

Site evaluated for Class II Groundwater and commercial use restriction

ND = Not Detected at Method Detection Limit

Units in mg/kg

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

Bold/ Shade indicates above Tier 1

Note that sample GP-23 (1) had an elevated detection limit, those exceeding SROs are listed, please refer to Appendix A for specific detection limits

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-18	GP-18	GP-22	GP-23	GP-24A
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	1	6	0.5	1	4.5
Hexachloroethane	0.5	2.6	78	2,000	NA	NA	2,000	NA	ND	ND	ND	<4.7	ND
Indeno[1,2,3-cd]pyrene	14	69	1.6 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Isophorone	8	8	15,600	410,000	4,600	4,600	410,000	4,600	ND	ND	4.7	ND	ND
2-Methylphenol	15	15	3,900	100,000	NA	NA	100,000	NA	ND	ND	ND	ND	ND
3 & 4 Methylphenol ¹	0.20	0.20	390	10,000	NA	NA	1,000	NA	ND	ND	ND	<4.7	ND
Naphthalene	12	18	1,600	41,000	170	270	4,100	1.8	ND	ND	0.48	ND	ND
2-Nitroaniline ³	0.14	0.14	230	6,100	35	56	610	3.8	ND	ND	ND	<24	ND
3-Nitroaniline ³	0.01	0.01	23	610	260	400	61	26	ND	ND	ND	<24	ND
4-Nitroaniline ³	0.1	0.1	230	6,100	1,000	1,600	610	110	ND	ND	ND	<24	ND
Nitrobenzene	0.26 ²	0.26 ²	39	1,000	92	140	1,000	9.4	ND	ND	ND	<1.4	ND
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Nitrophenol ³	NA	NA	630	16,000	NA	NA	16,000	NA	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	0.0018 ²	0.0018 ²	0.09	0.8	NA	NA	18	NA	ND	ND	ND	<0.88	ND
N-Nitrosodiphenylamine	1	5.6	130	1,200	NA	NA	25,000	NA	ND	ND	ND	ND	ND
Pentachlorophenol	0.03	0.14	3	24	NA	NA	520	NA	ND	ND	ND	<24	ND
Phenanthrene ³	200	1,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Phenol	100	100	23,000	610,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Pyrene	4,200	21,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
1,2,4 - Trichlorobenzene	5	53	780	20,000	3,200	3,200	2,000	920	ND	ND	ND	ND	ND
2,4,5 - Trichlorophenol	270	1,400	7,800	200,000	NA	NA	200,000	NA	ND	ND	ND	ND	ND
2,4,6 - Trichlorophenol	0.66 ²	0.77	58	520	200	390	11,000	540	ND	ND	ND	<4.7	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Note that sample GP-23 (1) had an elevated detection limit, those exceeding SROs are listed, please refer to Appendix A for specific detection limits

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-25	GP-27	GP-27	GP-28	GP-28
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	2	1	5	1	5
Acenaphthene	570	2,900	4,700	120,000	NA	NA	120,000	NA	ND	ND	ND	ND	ND
Anthracene	12,000	59,000	23,000	610,000	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzofluoranthene	2	8	1.8 ¹	8	NA	NA	170	NA	ND	ND	ND	2.9	ND
Benzofluoranthene	8	82	2.1 ¹	2.1 ¹	NA	NA	17	NA	ND	ND	ND	3	ND
Benzofluoranthene	5	25	2.1 ¹	8	NA	NA	170	NA	ND	ND	ND	4.6	ND
Benzofluoranthene	27,000	130,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	2.6	ND
Benzofluoranthene	49	250	9	78	NA	NA	1,700	NA	ND	ND	ND	1.7	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	0.66 ²	0.66 ²	0.6	5	0.2	0.47	75	0.66	ND	ND	ND	ND	ND
bis(2-ethylhexylethyl)phthalate	3,600	31,000	46	410	31,000	31,000	4,100	31,000	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Butylbenzylphthalate	930	930	16,000	410,000	930	930	410,000	930	ND	ND	ND	ND	ND
Carbazole	0.6	2.8	32	290	NA	NA	6,200	NA	ND	ND	ND	0.63	ND
4-Chloroaniline	0.7	0.7	310	9,200	NA	NA	820	NA	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chlorophenol	4	4	330	10,000	53,000	53,000	10,000	53,000	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chrysene	160	800	88	780	NA	NA	17,000	NA	ND	ND	ND	3.2	ND
Dibenz(a,h)anthracene	2	7.6	0.42 ¹	0.8	NA	NA	17	NA	ND	ND	ND	0.28	ND
Dibenzofuran	6.1	30	160	41,000	NA	NA	4,100	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	17	43	7,000	180,000	660	580	18,000	310	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	11	NA	NA	11,000	17,000	NA	340	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3 ²	1.3 ²	1	13	NA	NA	280	NA	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1	1	230	6,100	NA	NA	810	NA	ND	ND	ND	ND	ND
Diethylphthalate	470	470	63,000	1,000,000	2,000	2,000	1,000,000	2,000	ND	ND	ND	ND	ND
2,4-Dimethylphenol	9	9	1,600	41,000	NA	NA	41,000	NA	ND	ND	ND	ND	ND
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4-Dinitrophenol	3.3 ²	3.3 ²	160	4,100	NA	NA	410	NA	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.260 ²	0.250 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	0.260 ²	0.260 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
Di-n-octylphthalate	10,000	10,000	1,600	41,000	10,000	10,000	4,100	10,000	ND	ND	ND	ND	ND
Fluoranthene	4,300	21,000	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	8.5	ND
Fluorene	560	2,800	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	ND	ND
Hexachlorobenzene	2	11	0.4	4	1	1.8	78	2.6	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	400	2,200	550	14,000	10	16	14,000	1.1	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-25	GP-27	GP-27	GP-28	GP-28
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	2	1	5	1	4.5
Hexachloroethane	0.5	2.6	78	2,000	NA	NA	2,000	NA	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	14	69	1.6 ¹	8	NA	NA	170	NA	ND	ND	ND	2.3	ND
Isophorone	8	8	15,600	410,000	4,600	4,600	410,000	4,600	ND	ND	ND	ND	ND
2-Methylphenol	15	15	3,900	100,000	NA	NA	100,000	NA	ND	ND	ND	ND	ND
3 & 4 Methylphenol ²	0.20	0.20	390	10,000	NA	NA	1,000	NA	ND	ND	ND	ND	ND
Naphthalene	12	18	1,600	41,000	170	270	4,100	1.8	ND	ND	ND	ND	ND
2-Nitroaniline ³	0.14	0.14	230	6,100	35	66	610	3.6	ND	ND	ND	ND	ND
3-Nitroaniline ³	0.01	0.01	23	610	250	400	61	26	ND	ND	ND	ND	ND
4-Nitroaniline ³	0.1	0.1	230	6,100	1,000	1,600	610	110	ND	ND	ND	ND	ND
Nitrobenzene	0.26 ²	0.26 ²	39	1,000	92	140	1,000	9.4	ND	ND	ND	ND	ND
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Nitrophenol ³	NA	NA	630	16,000	NA	NA	16,000	NA	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	0.0018 ²	0.0018 ²	0.08	0.8	NA	NA	18	NA	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	1	5.6	130	1,200	NA	NA	25,000	NA	ND	ND	ND	ND	ND
Pentachlorophenol	0.03	0.14	3	24	NA	NA	520	NA	ND	ND	ND	ND	ND
Phenanthrene ³	200	1,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	2.9	ND
Phenol	100	100	23,000	610,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Pyrene	4,200	21,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	4.3	ND
1,2,4 - Trichlorobenzene	5	53	780	20,000	3,200	3,200	2,000	920	ND	ND	ND	ND	ND
2,4,5 - Trichlorophenol	270	1,400	7,800	200,000	NA	NA	200,000	NA	ND	ND	ND	ND	ND
2,4,6 - Trichlorophenol	0.66 ¹	0.77	68	520	200	390	11,000	640	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-28	GP-28	GP-30	GP-30	GP-31
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	1.5	5	1.5	3	2.5
Acenaphthene	670	2,900	4,700	120,000	NA	NA	120,000	NA	ND	ND	ND	ND	ND
Anthracene	12,000	59,000	23,000	610,000	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzo(a)anthracene	2	8	1.8 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzo(a)pyrene	8	82	2.1 ¹	2.1 ¹	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	5	25	2.1 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene ³	27,000	130,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	49	250	9	78	NA	NA	1,700	NA	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.66 ²	0.66 ²	0.6	5	0.2	0.47	75	0.66	ND	ND	<3.7	ND	ND
bis(2-ethylhexyl)phthalate	3,600	31,000	48	410	31,000	31,000	4,100	31,000	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Butylbenzylphthalate	930	930	16,000	410,000	930	930	410,000	930	ND	ND	ND	ND	ND
Carbazole	0.6	2.8	32	280	NA	NA	6,200	NA	ND	ND	<3.7	ND	ND
4-Chloroaniline	0.7	0.7	310	8,200	NA	NA	820	NA	ND	ND	<3.7	ND	ND
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chlorophenol	4	4	390	10,000	53,000	53,000	10,000	53,000	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chrysene	160	800	88	780	NA	NA	17,000	NA	ND	ND	4	ND	ND
Dibenz(a,h)anthracene	2	7.6	0.42 ¹	0.8	NA	NA	17	NA	ND	ND	ND	ND	ND
Dibenzofuran ³	6.1	30	160	41,000	NA	NA	4,100	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	17	43	7,000	180,000	560	580	18,000	310	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	11	NA	NA	11,000	17,000	NA	340	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3 ²	1.3 ²	1	13	NA	NA	280	NA	ND	ND	<7.5	ND	ND
2,4-Dichlorophenol	1	1	230	6,100	NA	NA	610	NA	ND	ND	<3.7	ND	ND
Diethylphthalate	470	470	63,000	1,000,000	2,000	2,000	1,000,000	2,000	ND	ND	ND	ND	ND
2,4-Dimethylphenol	9	9	1,600	41,000	NA	NA	41,000	NA	ND	ND	ND	ND	ND
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4-Dinitrophenol	3.3 ²	3.3 ²	160	4,100	NA	NA	410	NA	ND	ND	<3.7	ND	ND
2,4-Dinitrotoluene	0.250 ²	0.250 ²	0.9	8.4	NA	NA	180	NA	ND	ND	<3.7	ND	ND
2,6-Dinitrotoluene	0.260 ²	0.260 ²	0.9	8.4	NA	NA	180	NA	ND	ND	<3.7	ND	ND
Di-n-octylphthalate	10,000	10,000	1,600	41,000	10,000	10,000	4,100	10,000	ND	ND	ND	ND	ND
Fluoranthene	4,300	21,000	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	ND	ND
Fluorene	560	2,800	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	ND	ND
Hexachlorobenzene	2	11	0.4	4	1	1.8	78	2.8	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	400	2,200	550	14,000	10	18	14,000	1.1	ND	ND	<3.7	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Note that sample GP-30 (1.5) had an elevated detection limit, those exceeding SROs are listed, please refer to Appendix A for specific detection limits.

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-29	GP-29	GP-30	GP-30	GP-31
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	1.5	5	1.5	3	2.5
Hexachloroethane	0.5	2.6	78	2,000	NA	NA	2,000	NA	ND	ND	<3.7	ND	ND
Indeno[1,2,3-cd]pyrene	14	69	1.5 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Isophorone	8	8	15,600	410,000	4,600	4,600	410,000	4,600	ND	ND	ND	ND	ND
2-Methylphenol	15	15	3,900	100,000	NA	NA	100,000	NA	ND	ND	ND	ND	ND
3 & 4 Methylphenol ¹	0.20	0.20	390	10,000	NA	NA	1,000	NA	ND	ND	<3.7	ND	ND
Naphthalene	12	18	1,600	41,000	170	270	4,100	1.8	ND	ND	ND	ND	ND
2-Nitroaniline ³	0.14	0.14	230	6,100	35	56	610	3.6	ND	ND	<19	ND	ND
3-Nitroaniline ³	0.01	0.01	23	610	250	400	61	26	ND	ND	<19	ND	ND
4-Nitroaniline ³	0.1	0.1	230	6,100	1,000	1,600	610	110	ND	ND	<19	ND	ND
Nitrobenzene	0.26 ²	0.26 ²	39	1,000	92	140	1,000	9.4	ND	ND	<0.67	ND	ND
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Nitrophenol ³	NA	NA	630	16,000	NA	NA	18,000	NA	ND	ND	ND	ND	ND
N-nitrosodl-n-propylamine	0.0018 ²	0.0018 ²	0.09	0.8	NA	NA	18	NA	ND	ND	<0.67	ND	ND
N-Nitrosodiphenylamine	1	5.6	130	1,200	NA	NA	25,000	NA	ND	ND	ND	ND	ND
Pentachlorophenol	0.03	0.14	3	24	NA	NA	620	NA	ND	ND	<19	ND	ND
Phenanthrene ³	200	1,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Phenol	100	100	23,000	610,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Pyrene	4,200	21,000	2,300	51,000	NA	NA	61,000	NA	ND	ND	8.5	ND	ND
1,2,4 - Trichlorobenzene	6	63	780	20,000	3,200	3,200	2,000	920	ND	ND	ND	ND	ND
2,4,5 - Trichlorophenol	270	1,400	7,800	200,000	NA	NA	200,000	NA	ND	ND	ND	ND	ND
2,4,6 - Trichlorophenol	0.66 ²	0.77	58	520	200	390	11,000	540	ND	ND	<3.7	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Note that sample GP-30 (1.5) had an elevated detection limit, those exceeding SROs are listed, please refer to Appendix A for specific detection limits.

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-31 DUP	GP-32A	GP-32A	GP-39	GP-39
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	5/16/05	5/16/05	4.5	1	5/16/05
Acenaphthene	570	2,900	4,700	120,000	NA	NA	120,000	NA	ND	ND	ND	ND	ND
Anthracene	12,000	59,000	23,000	640,000	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzo(a)anthracene	2	8	1.8 ¹	8	NA	NA	170	NA	ND	ND	ND	0.65	ND
Benzo(a)pyrene	8	82	2.1 ¹	2.1 ¹	NA	NA	17	NA	ND	ND	ND	1.3	ND
Benzo(b)fluoranthene	5	25	2.1 ¹	8	NA	NA	170	NA	ND	ND	ND	1.80	ND
Benzo(g,h,i)perylene ³	27,000	130,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	1.4	ND
Benzo(k)fluoranthene	49	250	9	78	NA	NA	1,700	NA	ND	ND	ND	0.55	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.66 ²	0.66 ²	0.6	5	0.2	0.47	75	0.68	ND	ND	ND	ND	ND
bis(2-ethylhexyl)phthalate	3,600	31,000	48	410	31,000	31,000	4,100	31,000	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Butylbenzylphthalate	930	930	16,000	410,000	930	930	410,000	930	ND	ND	ND	ND	ND
Carbazole	0.6	2.8	32	290	NA	NA	6,200	NA	ND	ND	ND	ND	ND
4-Chloroaniline	0.7	0.7	310	8,200	NA	NA	820	NA	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chlorophenol	4	4	390	10,000	53,000	53,000	10,000	53,000	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chrysene	160	800	88	780	NA	NA	17,000	NA	ND	ND	ND	0.87	ND
Dibenz(a,h)anthracene	2	7.6	0.42 ¹	0.8	NA	NA	17	NA	ND	ND	ND	0.11	ND
Dibenzofuran ³	6.1	30	160	41,000	NA	NA	4,100	NA	ND	ND	ND	ND	ND
1,2 - Dichlorobenzene	17	43	7,000	180,000	660	660	18,000	310	ND	ND	ND	ND	ND
1,3 - Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
1,4 - Dichlorobenzene	2	11	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3 ²	1.3 ²	1	13	11,000	17,000	NA	340	ND	ND	ND	ND	ND
2,4 - Dichlorophenol	1	1	230	6,100	NA	NA	280	NA	ND	ND	ND	ND	ND
Diethylphthalate	470	470	63,000	1,000,000	2,000	2,000	810	NA	ND	ND	ND	ND	ND
2,4 - Dimethylphenol	9	9	1,600	41,000	NA	NA	1,000,000	2,000	ND	ND	ND	ND	ND
Dimethylphthalate	NA	NA	NA	NA	NA	NA	41,000	NA	ND	ND	ND	ND	ND
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4,6 - Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4 - Dinitrophenol	3.3 ²	3.3 ²	160	4,100	NA	NA	410	NA	ND	ND	ND	ND	ND
2,4 - Dinitrotoluene	0.250 ²	0.250 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
2,6 - Dinitrotoluene	0.260 ²	0.260 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
Di-n-octylphthalate	10,000	10,000	1,600	41,000	10,000	10,000	4,100	10,000	ND	ND	ND	ND	ND
Fluoranthene	4,300	21,000	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	0.64	ND
Fluorene	560	2,800	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND	ND	ND
Hexachlorobenzene	2	11	0.4	4	1	1.8	78	2.6	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	400	2,200	550	14,000	10	16	14,000	1.1	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-31 DUP	GP-32A	GP-32A	GP-39	GP-39
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	5/18/05	5/18/05	5/18/05	5/18/05	5/18/05
Hexachloroethane	0.5	2.6	78	2,000	NA	NA	2,000	NA	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	14	63	1.6 ¹	8	NA	NA	170	NA	ND	ND	ND	1.1	ND
Isophorone	8	8	15,600	410,000	4,600	4,600	410,000	4,600	ND	ND	ND	ND	ND
2-Methylphenol	15	15	3,900	100,000	NA	NA	100,000	NA	ND	ND	ND	ND	ND
3 & 4 Methylphenol ²	0.20	0.20	390	10,000	NA	NA	1,000	NA	ND	ND	ND	ND	ND
Naphthalene	12	18	1,800	41,000	170	270	4,100	1.8	ND	ND	ND	ND	ND
2-Nitroaniline ³	0.14	0.14	230	6,100	35	56	610	3.6	ND	ND	ND	ND	ND
3-Nitroaniline ³	0.01	0.01	23	610	250	400	61	26	ND	ND	ND	ND	ND
4-Nitroaniline ³	0.1	0.1	230	6,100	1,000	1,600	610	110	ND	ND	ND	ND	ND
Nitrobenzene	0.26 ²	0.26 ²	39	1,000	92	140	1,000	9.4	ND	ND	ND	ND	ND
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Nitrophenol ³	NA	NA	630	16,000	NA	NA	16,000	NA	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	0.0018 ²	0.0018 ²	0.09	0.8	NA	NA	18	NA	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	1	5.6	130	1,200	NA	NA	25,000	NA	ND	ND	ND	ND	ND
Pentachlorophenol	0.03	0.14	3	24	NA	NA	520	NA	ND	ND	ND	ND	ND
Phenanthrene ³	200	1,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Phenol	100	100	23,000	610,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Pyrene	4,200	21,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	0.53	ND
1,2,4 - Trichlorobenzene	5	53	780	20,000	3,200	3,200	2,000	920	ND	ND	ND	ND	ND
2,4,5 - Trichlorophenol	270	1,400	7,800	200,000	NA	NA	200,000	NA	ND	ND	ND	ND	ND
2,4,6 - Trichlorophenol	0.66 ²	0.77	58	520	200	390	11,000	540	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-40	GP-41	GP-42
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	2 5/16/05	4 5/16/05	1 5/16/05
Acenaphthene	570	2,900	4,700	120,000	NA	NA	120,000	NA	ND	ND	ND
Anthracene	12,000	59,000	23,000	610,000	NA	NA	170	NA	ND	ND	ND
Benzo(a)anthracene	2	8	1.8 ¹	8	NA	NA	170	NA	ND	ND	ND
Benzo(a)pyrene	8	82	2.1 ¹	2.1 ¹	NA	NA	17	NA	ND	ND	ND
Benzo(b)fluoranthene	5	26	2.1 ¹	8	NA	NA	170	NA	ND	ND	ND
Benzo(g)heliophene ³	27,000	130,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND
Benzo(k)fluoranthene	49	250	9	78	NA	NA	1,700	NA	ND	ND	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
bis(2-Chloroethyl)ether	0.66 ²	0.66 ²	0.6	5	0.2	0.47	75	0.66	ND	ND	ND
bis(2-ethylhexyle)phthalate	3,600	31,000	48	410	31,000	31,000	4,100	31,000	ND	ND	ND
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
Butylbenzylphthalate	930	930	16,000	410,000	930	930	410,000	930	ND	ND	ND
Carbazole	0.6	2.8	32	290	NA	NA	6,200	NA	ND	ND	ND
4-Chloroaniline	0.7	0.7	310	8,200	NA	NA	820	NA	ND	ND	ND
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
2-Chlorophenol	4	4	390	10,000	53,000	53,000	10,000	53,000	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
Chrysene	160	800	88	780	NA	NA	17,000	NA	ND	ND	ND
Dibenz(a,h)anthracene	2	7.6	0.42 ¹	0.8	NA	NA	17	NA	ND	ND	ND
Dibenzofuran ³	6.1	30	160	41,000	NA	NA	4,100	NA	ND	ND	ND
1,2-Dichlorobenzene	17	43	7,000	160,000	560	560	18,000	310	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
1,4-Dichlorobenzene	2	11	NA	NA	11,000	17,000	NA	340	ND	ND	ND
3,3-Dichlorobenzidine	1.3 ²	1.3 ²	1	13	NA	NA	280	NA	ND	ND	ND
2,4-Dichlorophenol	1	1	230	6,100	NA	NA	810	NA	ND	ND	ND
Diethylphthalate	470	470	63,000	1,000,000	2,000	2,000	1,000,000	2,000	ND	ND	ND
2,4-Dimethylphenol	9	9	1,600	41,000	NA	NA	41,000	NA	ND	ND	ND
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
2,4-Dinitrophenol	3.3 ²	3.3 ²	160	4,100	NA	NA	410	NA	ND	ND	ND
2,4-Dinitrotoluene	0.250 ²	0.250 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND
2,6-Dinitrotoluene	0.260 ²	0.260 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND
Di-n-octylphthalate	10,000	10,000	1,600	41,000	10,000	10,000	4,100	10,000	ND	ND	ND
Fluoranthene	4,300	21,000	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND
Fluorene	560	2,600	3,100	82,000	NA	NA	82,000	NA	ND	ND	ND
Hexachlorobenzene	2	11	0.4	4	1	1.8	78	2.8	ND	ND	ND
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
Hexachlorocyclopentadiene	400	2,200	550	14,000	10	16	14,000	1.1	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-40	GP-40	GP-41	GP-41	GP-42
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	5/18/05	5/18/05	5/18/05	5/18/05	5/18/05
Hexachloroethane	0.5	2.6	78	2,000	NA	NA	2,000	NA	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	14	69	1.6 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Isophorone	8	8	15,600	410,000	4,600	4,600	410,000	4,600	ND	ND	ND	ND	ND
2-Methylphenol	15	15	3,900	100,000	NA	NA	100,000	NA	ND	ND	ND	ND	ND
3 & 4 Methylphenol ²	0.20	0.20	390	10,000	NA	NA	1,000	NA	ND	ND	ND	ND	ND
Naphthalene	12	18	1,500	41,000	170	270	4,100	1.8	ND	ND	ND	ND	ND
2-Nitroaniline ³	0.14	0.14	230	6,100	35	56	610	3.6	ND	ND	ND	ND	ND
3-Nitroaniline ³	0.01	0.01	23	610	250	400	61	26	ND	ND	ND	ND	ND
4-Nitroaniline ³	0.1	0.1	230	6,100	1,000	1,500	610	110	ND	ND	ND	ND	ND
Nitrobenzene	0.26 ²	0.26 ²	39	1,000	92	140	1,000	9.4	ND	ND	ND	ND	ND
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Nitrophenol ³	NA	NA	630	16,000	NA	NA	15,000	NA	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	0.0018 ²	0.0018 ²	0.09	0.8	NA	NA	18	NA	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	1	5.6	130	1,200	NA	NA	25,000	NA	ND	ND	ND	ND	ND
Pentachlorophenol	0.03	0.14	3	24	NA	NA	520	NA	ND	ND	ND	ND	ND
Phenanthrene ³	200	1,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Phenol	100	100	23,000	610,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Pyrene	4,200	21,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
1,2,4 - Trichlorobenzene	5	53	780	20,000	3,200	3,200	2,000	920	ND	ND	ND	ND	ND
2,4,5 - Trichlorophenol	270	1,400	7,500	200,000	NA	NA	200,000	NA	ND	ND	ND	ND	ND
2,4,6 - Trichlorophenol	0.66 ⁴	0.77	58	520	200	390	11,000	540	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-42	GP-43	GP-43	GP-44	GP-44
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Initialiation	6	1.5	5.5	1.25	5
Acenaphthene	570	2,900	4,700	120,000	NA	NA	120,000	NA	ND	6	ND	ND	ND
Anthracene	12,000	59,000	23,000	610,000	NA	NA	170	NA	ND	6	ND	ND	ND
Benzof(a)anthracene	2	8	1.8 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzof(a)pyrene	8	82	2.1 ¹	2.1 ¹	NA	NA	17	NA	ND	ND	ND	ND	ND
Benzof(b)fluoranthene	6	25	2.1 ¹	8	NA	NA	170	NA	ND	ND	ND	ND	ND
Benzof(g)herylene ³	27,000	130,000	2,300	61,000	NA	NA	61,000	NA	ND	ND	ND	ND	ND
Benzof(k)fluoranthene	49	250	9	78	NA	NA	1,700	NA	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	0.66 ²	0.66 ²	0.6	5	0.2	0.47	75	0.66	ND	<4.0	ND	ND	ND
bis(2-ethylhexyl)phthalate	3,600	31,000	48	410	31,000	31,000	4,100	31,000	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Butylbenzylphthalate	930	930	16,000	410,000	930	930	410,000	930	ND	ND	ND	ND	ND
Carbazole	0.6	2.8	32	290	NA	NA	6,200	NA	ND	<4.0	ND	ND	ND
4-Chloroaniline	0.7	0.7	310	8,200	NA	NA	820	NA	ND	<4.0	ND	ND	ND
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chlorophenol	4	4	390	10,000	63,000	53,000	10,000	53,000	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chrysene	160	800	88	780	NA	NA	17,000	NA	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	2	7.6	0.42 ¹	0.8	NA	NA	17	NA	ND	ND	ND	ND	ND
Dibenzofuran ³	6.1	30	160	41,000	NA	NA	4,100	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	17	43	7,000	180,000	660	560	18,000	310	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	11	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	1.3 ²	1.3 ²	1	13	11,000	17,000	NA	340	ND	ND	ND	ND	ND
2,4-Dichlorophenol	1	1	230	6,100	NA	NA	280	NA	ND	<8.1	ND	ND	ND
Diethylphthalate	470	470	63,000	1,000,000	2,000	2,000	1,000,000	2,000	ND	<4.0	ND	ND	ND
2,4-Dimethylphenol	9	9	1,600	41,000	NA	NA	41,000	NA	ND	ND	ND	ND	ND
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4-Dinitrophenol	3.3 ²	3.3 ²	160	4,100	NA	NA	410	NA	ND	<4.0	ND	ND	ND
2,4-Dinitrotoluene	0.250 ²	0.250 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	0.260 ²	0.260 ²	0.9	8.4	NA	NA	180	NA	ND	ND	ND	ND	ND
Di-n-octylphthalate	10,000	10,000	1,600	41,000	10,000	10,000	4,100	10,000	ND	ND	ND	ND	ND
Fluoranthene	4,300	21,000	3,100	82,000	NA	NA	82,000	NA	ND	6.2	ND	ND	ND
Fluorene	560	2,800	3,100	82,000	NA	NA	82,000	NA	ND	9.9	ND	ND	ND
Hexachlorobenzene	2	11	0.4	4	1	1.8	78	2.8	ND	<4.0	ND	ND	ND
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	400	2,200	550	14,000	10	16	14,000	1.1	ND	ND	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Note that sample GP-43 (1.5) had an elevated detection limit, those exceeding SROs are listed, please refer to Appendix A for specific detection limits.

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-42	GP-43	GP-43	GP-44
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	6	1.6	5.6	5
Hexachloroethane	0.6	2.6	78	2,000	NA	NA	2,000	NA	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	14	69	1.6 ¹	8	NA	NA	170	NA	ND	ND	ND	ND
Isophorone	8	8	15,600	410,000	4,600	4,600	410,000	4,600	ND	ND	ND	ND
2-Methylphenol	16	15	3,900	100,000	NA	NA	100,000	NA	ND	ND	ND	ND
3 & 4 Methylphenol ²	0.20	0.20	390	10,000	NA	NA	1,000	NA	ND	ND	ND	ND
Naphthalene	12	18	1,600	41,000	170	270	4,100	1.8	ND	ND	ND	ND
2-Nitroaniline ³	0.14	0.14	230	6,100	35	68	610	3.6	ND	<20	ND	ND
3-Nitroaniline ³	0.01	0.01	23	610	250	400	61	26	ND	<20	ND	ND
4-Nitroaniline ³	0.1	0.1	230	6,100	1,000	1,600	610	110	ND	<20	ND	ND
Nitrobenzene	0.26 ²	0.26 ²	39	1,000	92	140	1,000	9.4	ND	<1.2	ND	ND
2-Nitrophenol ³	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
4-Nitrophenol ³	NA	NA	530	16,000	NA	NA	16,000	NA	ND	ND	ND	ND
N-nitrosodi-n-propylamine	0.0018 ²	0.0018 ²	0.09	0.8	NA	NA	18	NA	ND	<0.72	ND	ND
N-Nitrosodiphenylamine	1	5.6	130	1,200	NA	NA	25,000	NA	ND	ND	ND	ND
Pentachlorophenol	0.03	0.14	3	24	NA	NA	520	NA	ND	<20	ND	ND
Phenanthrene ³	200	1,000	2,300	61,000	NA	NA	61,000	NA	ND	20	ND	ND
Phenol	100	100	23,000	610,000	NA	NA	61,000	NA	ND	ND	ND	ND
Pyrene	4,200	21,000	2,300	61,000	NA	NA	61,000	NA	ND	12	ND	ND
1,2,4 - Trichlorobenzene	6	53	780	20,000	3,200	3,200	2,000	920	ND	ND	ND	ND
2,4,5 - Trichlorophenol	270	1,400	7,600	200,000	NA	NA	200,000	NA	ND	ND	ND	ND
2,4,6 - Trichlorophenol	0.66 ¹	0.77	58	520	200	390	11,000	540	ND	<4.0	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Note that sample GP-43 (1.5) had an elevated detection limit, those exceeding SROs are listed, please refer to Appendix A for specific detection limits.

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 85th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-46 1 6/16/05
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	
Acenaphthene	570	2,900	4,700	120,000	NA	NA	120,000	NA	ND
Anthracene	12,000	59,000	23,000	610,000	NA	NA	170	NA	ND
Benzo(a)anthracene	2	8	1.8 ¹	8	NA	NA	170	NA	ND
Benzo(a)pyrene	8	82	2.1 ¹	2.1 ¹	NA	NA	17	NA	ND
Benzo(b)fluoranthene	6	25	2.1 ¹	8	NA	NA	170	NA	ND
Benzo(g,h,i)perylene ³	27,000	130,000	2,300	61,000	NA	NA	61,000	NA	ND
Benzo(k)fluoranthene	49	250	9	78	NA	NA	1,700	NA	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA	NA	ND
bis(2-Chloroethyl)ether	0.66 ²	0.66 ²	0.6	5	0.2	0.47	75	0.66	<3.8
bis(2-ethylhexyle)phthalate	3,600	31,000	46	410	31,000	31,000	4,100	31,000	ND
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND
Butylbenzylphthalate	930	930	16,000	410,000	930	930	410,000	930	ND
Carbazole	0.6	2.8	32	290	NA	NA	6,200	NA	<3.8
4-Chloroaniline	0.7	0.7	310	6,200	NA	NA	820	NA	<3.8
4-Chloro-3-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	ND
2-Chlorophenol	4	4	390	10,000	53,000	53,000	10,000	53,000	ND
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	ND
Chrysene	160	800	88	780	NA	NA	17,000	NA	ND
Dibenz(a,h)anthracene	2	7.6	0.42 ¹	0.8	NA	NA	17	NA	ND
Dibenzofuran ³	6.1	30	160	41,000	NA	NA	4,100	NA	ND
1,2-Dichlorobenzene	17	43	7,000	180,000	560	560	18,000	310	ND
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	ND
1,4-Dichlorobenzene	2	11	NA	NA	11,000	17,000	NA	340	ND
3,3-Dichlorobenzidine	1.3 ²	1.3 ²	1	13	NA	NA	280	NA	<7.7
2,4-Dichlorophenol	1	1	230	6,100	NA	NA	810	NA	<3.8
Diethylphthalate	470	470	63,000	1,000,000	2,000	2,000	1,000,000	2,000	ND
2,4-Dimethylphenol	9	9	1,600	41,000	NA	NA	41,000	NA	ND
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND
2,4-Dinitrophenol	3.3 ²	3.3 ²	160	4,100	NA	NA	410	NA	<3.8
2,4-Dinitrotoluene	0.250 ²	0.250 ²	0.9	8.4	NA	NA	180	NA	ND
2,6-Dinitrotoluene	0.260 ²	0.260 ²	0.9	8.4	NA	NA	180	NA	ND
Di-n-octylphthalate	10,000	10,000	1,600	41,000	10,000	10,000	4,100	10,000	ND
Fluoranthene	4,300	21,000	3,100	82,000	NA	NA	82,000	NA	ND
Fluorene	560	2,800	3,100	82,000	NA	NA	82,000	NA	ND
Hexachlorobenzene	2	11	0.4	4	1	1.8	78	2.6	<3.8
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	ND
Hexachlorocyclopentadiene	400	2,200	550	14,000	10	16	14,000	1.1	ND

NA = No remediation objective established

1 = remediation objective based on Chicago MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Note that sample GP-45 (1) had an elevated detection limit, those exceeding SROs are listed, please refer to Appendix A for specific detection limits.

Site evaluated for Class II Groundwater and commercial use restriction

Table 4
Soil SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMEDIATION OBJECTIVES		GP-45 6 5/16/05
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation	
Hexachloroethane	0.5	2.6	78	2,000	NA	NA	2,000	NA	ND
Indeno[1,2,3-cd]pyrene	14	69	1.6 ¹	8	NA	NA	170	NA	ND
Isophorone	8	8	15,600	410,000	4,600	4,600	410,000	4,800	ND
2-Methylphenol	15	15	3,900	100,000	NA	NA	100,000	NA	ND
3 & 4 Methylphenol ²	0.20	0.20	390	10,000	NA	NA	1,000	NA	ND
Naphthalene	12	18	1,600	41,000	170	270	4,100	1.8	ND
2-Nitroaniline ³	0.14	0.14	230	6,100	35	56	810	3.6	<20
3-Nitroaniline ³	0.01	0.01	23	610	250	400	61	26	<20
4-Nitroaniline ³	0.1	0.1	230	6,100	1,000	1,800	810	110	<20
Nitrobenzene	0.26 ²	0.26 ²	39	1,000	92	140	1,000	9.4	<1.1
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND
4-Nitrophenol ³	NA	NA	630	16,000	NA	NA	16,000	NA	ND
N-nitrosodi-n-propylamine	0.0018 ²	0.0018 ²	0.09	0.8	NA	NA	18	NA	<0.89
N-Nitrosodiphenylamine	1	6.6	130	1,200	NA	NA	25,000	NA	ND
Pentachlorophenol	0.03	0.14	3	24	NA	NA	520	NA	<20
Phenanthrene ²	200	1,000	2,300	61,000	NA	NA	61,000	NA	ND
Phenol	100	100	23,000	610,000	NA	NA	61,000	NA	ND
Pyrene	4,200	21,000	2,300	61,000	NA	NA	61,000	NA	ND
1,2,4 - Trichlorobenzene	5	53	780	20,000	3,200	3,200	2,000	920	ND
2,4,5 - Trichlorophenol	270	1,400	7,800	200,000	NA	NA	200,000	NA	ND
2,4,6 - Trichlorophenol	0.65 ²	0.77	58	520	200	390	11,000	540	<3.8

NA = No remediation objective established

1 = remediation objective based on Chicago MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Note that sample GP-45 (1) had an elevated detection limit, those exceeding SROs are listed, please refer to Appendix A for specific detection limits.

Site evaluated for Class II Groundwater and commercial use restriction

Table 5
Soil PNA Analytical Results
5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

Sample ID	Date Sampled	Depth (feet)	Acenaphthene	Anthracene	Benzo(a)-anthracene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Benzo(a)-pyrene	Chrysene	Dibenzo(a,h)-anthracene	Fluoranthene	Indeno(1,2,3-cd)-pyrene	Naphthalene	Pyrene
ETS-7	9/9/2008	3	< 0.034	0.069	6.3 1.3	14 13.4	8.5	9.6 13.4	7.5	1.9 3.4	1.8	< 0.034	0.21	2.7
ETS-7	9/9/2008	5	< 0.034	0.080	6.4 1.3	14 13.4	11 3	9.8 13.4	8.2	2.7 13.4	2.1	< 0.034	0.24	3.7
ETS-8	9/9/2008	3	< 0.034	0.067	5.8 1.3	14 13.4	6.1	8.3 13.4	7.0	< 0.34	2.0	< 0.034	0.25	3.0
ETS-8	9/9/2008	5	< 0.035	< 0.056	3.4 1.3	6.7 1.3	5.6	4.9 3.4	4.4	1.9 3.4	1.4	< 0.035	0.15	2.0
MW-2	9/10/2008	3	< 0.042	< 0.042	0.13	0.26	0.18	0.25	0.18	0.10	0.22	< 0.042	< 0.042	0.24
MW-2	9/10/2008	5	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
SOIL COMPONENT TO GROUNDWATER INGESTION	CLASS I		570	12,000	2	5	48	8	160	2	4,300	560	12	4,200
	CLASS II*		2,900	58,000	8	25	250	82	800	7.6	21,000	2,800	18	21,000
SOIL INGESTION REMEDIATION OBJECTIVES	RESIDENTIAL		4,700	23,000	0.9	0.9	9	0.09	88	0.09	3,100	3,100	1,600	2,300
	COMMERCIAL*		120,000	610,000	8	8	78	0.8	780	0.8	82,000	82,000	41,000	61,000
SOIL INHALATION REMEDIATION OBJECTIVES	RESIDENTIAL		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170	NA
	COMMERCIAL*		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	270	NA
CONSTRUCTION WORKER REMEDIATION OBJECTIVES	INGESTION		120,000	610,000	170	170	1,700	17	17,000	17	82,000	82,000	4,100	61,000
	INHALATION		---	---	---	---	---	---	---	---	---	---	1.8	---
AREA BACKGROUND CONCENTRATION	METRO		0.13	0.40	1.8	2.1	1.7	2.1	2.7	0.42	4.1	0.18	0.20	3.0

- 1-Class I Soil Component to Groundwater Remediation Objective exceeded
2-Class II Soil Component to Groundwater Remediation Objective exceeded
3-Residential Ingestion Remediation Objective exceeded
4-Commercial Ingestion Remediation Objective exceeded
5-Residential Inhalation Remediation Objective exceeded
6-Commercial Inhalation Remediation Objective exceeded
7-Construction Worker Ingestion Remediation Objective exceeded
8-Construction Worker Inhalation Remediation Objective exceeded
9-Metropolitan Area Background Concentration exceeded - Metropolitan area means a populated area, other than the City of Chicago, location within any of the following counties: Boone, Champaign, Clinton, Cook, DuPage, Grundy, Henry, Jersey, Kane, Karlovsky
Concentrations in milligrams per kilogram (mg/kg)
* This site is being evaluated based on Class II Tier 1 Soil Remediation Objectives and commercial use restriction

Please note that area background concentrations are used instead of residential soil ingestion remediation objectives for benzo(a)anthracene, benzo(b)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene and residential and commercial soil remediation objectives for soil ingestion for benzo(a)pyrene

Table 6
Soil Total Metals Analytical Results

**5401 West 65th Street
Bedford Park, Illinois
Project No. 08-0405**

SAMPLE ID	DATE	DEPTH (FEET)	Arsenic (Total)	Barium (Total)	Cadmium (Total)	Chromium (Total)	Lead (Total)	Mercury (Total)	Selenium (Total)	Silver (Total)	PH
GP-2	5/16/2005	1.5	5.80	28.0	1.20	22	10	0.12	1.20	1.2	NA
GP-2	5/16/005	8	4.70	31.0	1.20	14	7.7	0.12	1.20	1.2	NA
GP-6	5/16/005	0.75	9.30	80.0	1.20	19	33	0.12	1.20	1.2	NA
GP-6	5/16/005	4	6.10	87.0	1.20	20	9.5	0.12	1.20	1.2	NA
GP-9	5/16/005	1	41	110.0	1.30	28	160	1.40	1.30	1.3	NA
GP-10	5/16/005	1	6500	140.0	74	21	3000	250	32	6.8	NA
GP-10	5/16/005	3	4700	81.0	1.30	23	22	0.13	1.30	1.3	NA
GP-11	5/16/005	1	18	87.0	1.50	20	140	0.96	1.40	1.4	NA
GP-11	5/16/005	4	81	63.0	11	18	330	0.18	4.10	1.1	NA
GP-13	5/16/005	1.5	3600	87.0	1.30	22	28	0.41	1.30	1.3	NA
GP-14	5/16/005	2	7.20	89.0	1.30	25	18	0.13	1.30	1.3	NA
GP-16	5/16/005	2	26	78.0	1.20	15	15	0.12	1.20	1.2	NA
GP-16	5/16/2005	5	13	34.0	1.20	17	12	0.12	1.20	1.2	NA
GP-22	5/16/2005	0.5	170	5200	2.20	25	1800	2.70	1.20	6.7	NA
GP-23	5/16/2005	1	12	110.0	1.40	20	530	0.14	1.40	1.4	NA
GP-24A	5/16/2005	0.5	1.5	6.0	1.20	1.9	1.6	0.12	1.20	1.2	NA
GP-24A	5/16/2005	4.5	5.8	30.0	1.20	19	12.0	0.12	1.20	1.2	NA
GP-25	5/16/2005	2	5.2	20.0	1.20	21	9.3	0.12	1.20	1.2	NA
SOIL TO GROUNDWATER REMEDIATION OBJECTIVES*	CLASS I		25 - 33	260 - NA	1 - NA	21 - 70	23 - 282	0.01 - NA	1.3 - 24	0.24 - NA	NA
	CLASS II**		100 - 130	260 - NA	10 - NA	NA	300 - 3760	0.05 - NA	1.3 - 24	NA	NA
INGESTION REMEDIATION OBJECTIVES	RESIDENTIAL		13	5,500	78	230	400	23	380	380	NA
	COMMERCIAL**		13	140,000	2,000	6,100	800	610	10,000	10,000	NA
INHALATION REMEDIATION OBJECTIVES	RESIDENTIAL		750	690,000	1,800	270	NA	10	NA	NA	NA
	COMMERCIAL**		1,200	910,000	2,800	420	NA	16	NA	NA	NA
CONSTRUCTION WORKER REMEDIATION OBJECTIVES	INGESTION		61	14,000	200	4,100	700	81	1,000	1,000	NA
	INHALATION		25,000	870,000	59,000	690	NA	0.1	NA	NA	NA
CONCENTRATIONS OF INORGANIC CHEMICALS IN BACKGROUND SOILS	METRO AREA		13	110	0.6	16.2	36	0.06	0.48	0.55	NA
	NON-METRO AREA		11.3	122	0.50	13.0	20.9	0.05	0.37	0.60	NA

Concentrations are in milligrams per kilogram (mg/kg)

1-Class I Soil Component to Groundwater Remediation Objective exceeded 7-Construction Worker Ingestion Remediation Objectives exceeded

2-Class II Soil Component to Groundwater Remediation Objective exceeded 8-Construction Worker Inhalation Remediation Objectives exceeded

3-Residential Ingestion Remediation Objective exceeded

4-Commercial Ingestion Remediation Objective exceeded

5-Residential Inhalation Remediation Objective exceeded

6-Commercial Inhalation Remediation Objective exceeded

* No pH samples were collected so the range of remediation objectives is provided

** This site has been evaluated based on Class II criteria and commercial use restriction

NA = Not analyzed

Table 6
Soil Total Metals Analytical Results

**5401 West 65th Street
Bedford Park, Illinois
Project No. 08-0405**

SAMPLE ID	DATE	DEPTH (FEET)	Arsenic (Total)	Barium (Total)	Cadmium (Total)	Chromium (Total)	Lead (Total)	Mercury (Total)	Selenium (Total)	Silver (Total)	pH
GP-27	5/16/2005	1	1.2	4.3	1.10	1.7	< 1	< 0.11 1.28	< 1.10	< 1.1	1
GP-27	5/16/2005	5	9.9	73	1.30	19	15	< 0.13 1.28	< 1.30	< 1.3	1
GP-28	5/16/2005	1	11	66	3.90	30	66	< 0.12 1.28	< 1.20	< 1.2	1
GP-28	5/16/2005	4.5	13	100	1.30	23	31	< 0.13 1.28	< 1.30	< 1.3	1
GP-30	5/16/2005	1.5	1100 1.2,4.5,7	120	35 1.2	19	800 1.2,4.5	12 1.2,6.8	7.50 1.2	4	1
GP-30	5/16/2005	3	1400 1.2,4.5,6,7	77	1.30	23	15	0.33 1.28	< 1.30	< 1.3	1
GP-31	5/16/2005	2.5	570 1.2,3.4,7	120	1.30	21	19	< 0.13 1.28	< 1.30	< 1.3	1
GP-31 DUP	5/16/2005	2.5	26 1.3,4	86	1.30	24	19	< 0.13 1.28	< 1.30	< 1.3	1
GP-39	5/16/2005	1	7.1	76	1.10	49	25	< 0.11 1.28	< 1.10	< 1.1	1
GP-39	5/16/2005	7	6.4	34	1.20	16	12	< 0.12 1.28	< 1.20	< 1.2	1
GP-40	5/16/2005	2	1800 1.2,3.4,5,6,7	96	32 1.2	22	44	4.30 1.28	1.60 1.2	1.3	1
GP-40	5/16/2005	5.5	1100 1.2,3.4,5,7	37	1.20	17	13	< 0.12 1.28	< 1.20	< 1.2	1
GP-41	5/16/2005	1.3	10	100	1.30	19	15	< 0.13 1.28	< 1.30	< 1.3	1
GP-41	5/16/2005	4	7.6	68	1.20	26	17	< 0.12 1.28	< 1.20	< 1.2	1
GP-42	5/16/2005	1	1.5	5	1.20	2.1	2	< 0.12 1.28	< 1.20	< 1.2	1
GP-42	5/16/2005	6	7.9	56	1.30	21	17	< 0.13 1.28	< 1.30	< 1.3	1
GP-43	5/16/2005	1	5.5	44	1.10	15	38	< 0.11 1.28	< 1.10	< 1.1	1
SOIL TO GROUNDWATER REMEDIATION OBJECTIVES*	CLASS I		25 - 33	260 - NA	1 - NA	21 - 70	23 - 282	0.01 - NA	1.3 - 24	0.24 - NA	NA
	CLASS II**		100 - 130	260 - NA	10 - NA	NA	300 - 3760	0.05 - NA	1.3 - 24	NA	NA
INGESTION REMEDIATION OBJECTIVES	RESIDENTIAL		13	5,500	78	230	400	23	390	390	NA
	COMMERCIAL**		13	140,000	2,000	6,100	800	610	10,000	10,000	NA
INHALATION REMEDIATION OBJECTIVES	RESIDENTIAL		750	690,000	1,800	270	NA	10	NA	NA	NA
	COMMERCIAL**		1,200	910,000	2,800	420	NA	16	NA	NA	NA
CONSTRUCTION WORKER REMEDIATION OBJECTIVES	INGESTION		61	14,000	200	4,100	700	61	1,000	1,000	NA
	INHALATION		25,000	870,000	59,000	690	NA	0.1	NA	NA	NA
CONCENTRATIONS OF INORGANIC CHEMICALS IN BACKGROUND SOILS	METRO AREA		13	110	0.6	16.2	36	0.06	0.48	0.65	NA
	NON-METRO AREA		11.3	122	0.50	13.0	20.9	0.05	0.37	0.50	NA

1-Class I Soil Component to Groundwater Remediation Objective exceeded 7-Construction Worker Ingestion Remediation Objectives exceeded

2-Class II Soil Component to Groundwater Remediation Objective exceeded 8-Construction Worker Inhalation Remediation Objectives exceeded

3-Residential Ingestion Remediation Objective exceeded

4-Commercial Ingestion Remediation Objective exceeded

5-Residential Inhalation Remediation Objective exceeded

6-Commercial Inhalation Remediation Objective exceeded

Concentrations are in milligrams per kilogram (mg/kg)

* No pH samples were collected so the range of remediation objectives is provided

** This site has been evaluated based on Class II criteria and commercial use restriction

Table 7
Soil SPLP Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

SAMPLE ID	DATE	DEPTH (FEET)	Arsenic (SPLP)	Barium (SPLP)	Cadmium (SPLP)	Chromium (SPLP)	Lead (SPLP)	Mercury (SPLP)	Selenium (SPLP)	Silver (SPLP)
ETS-1	09/09/08	5	1.20 ^{1,2}	0.72	< 0.005	0.054	0.074 ¹	< 0.002	< 0.05	< 0.025
ETS-3	09/09/08	5	< 0.050	< 0.50	< 0.005	< 0.025	< 0.050 ¹	< 0.002	< 0.05	< 0.025
ETS-4	09/09/08	5	< 0.050	< 0.50	< 0.005	< 0.025	< 0.050 ¹	< 0.002	< 0.05	< 0.025
ETS-5	09/09/08	5	< 0.050	< 0.50	< 0.005	< 0.025	< 0.050 ¹	< 0.002	< 0.05	< 0.025
ETS-6	09/09/08	5	7.30 ^{1,2}	< 0.50	< 0.005	< 0.025	< 0.050 ¹	< 0.002	< 0.05	< 0.025
SOIL COMPONENT TO GROUNDWATER INGESTION	CLASS I		0.05	2.0	0.005	0.1	0.0075	0.002	0.05	0.05
	CLASS II*		0.2	2.0	0.05	1.0	0.1	0.01	0.05	NA

1-Class I Soil Component to Groundwater Remediation Objective exceeded

2-Class II Soil Component to Groundwater Remediation Objective exceeded

Results in milligrams per liter (mg/l)

* This site has been evaluated based on Class II Remediation Objectives

Table 8
Soil PCB Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

SAMPLE ID	DATE	DEPTH (FEET)	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260
GP-4	05/16/05	1	ND	ND	ND	ND	ND	ND	ND
GP-6	05/16/05	0.75	ND	ND	ND	ND	ND	ND	ND
GP-6	05/16/05	4	ND	ND	ND	ND	ND	ND	ND
GP-10	05/16/05	1	ND	ND	ND	ND	ND	ND	ND
GP-10	05/16/05	3	ND	ND	ND	ND	ND	ND	ND
GP-13	05/16/05	1.5	ND	ND	ND	ND	ND	ND	ND
GP-14	05/16/05	2	ND	ND	ND	ND	ND	ND	ND
GP-22	05/16/05	0.5	ND	ND	ND	ND	ND	ND	ND
GP-23	05/16/05	1	ND	ND	ND	ND	ND	ND	ND
GP-24A	05/16/05	0.5	ND	ND	ND	ND	ND	ND	ND
GP-24A	05/16/05	4.5	ND	ND	ND	ND	ND	ND	ND
GP-27	05/16/05	1	ND	ND	ND	ND	ND	ND	ND
GP-27	05/16/05	5	ND	ND	ND	ND	ND	ND	ND
GP-28	05/16/05	1	ND	ND	ND	ND	ND	ND	ND
GP-28	05/16/05	4.5	ND	ND	ND	ND	ND	ND	ND
GP-30	05/16/05	1.5	ND	ND	ND	ND	ND	ND	ND
GP-30	05/16/05	3	ND	ND	ND	ND	ND	ND	ND
GP-31	05/16/05	2.5	ND	ND	ND	ND	ND	ND	ND
GP-31 (Dup)	05/16/05	2.5	ND	ND	ND	ND	ND	ND	ND
GP-45	05/16/05	1	ND	ND	ND	ND	ND	ND	ND
SOIL COMPONENT TO GROUNDWATER INGESTION	CLASS I		NA	NA	NA	NA	NA	NA	NA
	CLASS II*		NA	NA	NA	NA	NA	NA	NA
INGESTION REMEDIATION OBJECTIVES	RESIDENTIAL		1	1	1	1	1	1	1
	COMMERCIAL*		1	1	1	1	1	1	1
INHALATION REMEDIATION OBJECTIVES	RESIDENTIAL		NA	NA	NA	NA	NA	NA	NA
	COMMERCIAL*		NA	NA	NA	NA	NA	NA	NA
CONSTRUCTION WORKER REMEDIAL OBJECTIVES	INGESTION		1	1	1	1	1	1	1
	INHALATION		NA	NA	NA	NA	NA	NA	NA

1-Class I Soil Component to Groundwater Remediation Objective exceeded

2-Class II Soil Component to Groundwater Remediation Objective exceeded

3-Residential Ingestion Remediation Objective exceeded

4-Commercial Ingestion Remediation Objective exceeded

5-Residential Inhalation Remediation Objective exceeded

6-Commercial Inhalation Remediation Objective exceeded

7-Construction Worker Ingestion Remediation Objective exceeded

8-Construction Worker Inhalation Remediation Objective exceeded

Concentrations in milligrams per kilogram (mg/kg)

* This site is being evaluated based on Class II groundwater and commercial use restriction

ND = Not detected at analytical detection limits

Table 9
Soil Pesticides/Herbicides Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		INGESTION REMEDIATION OBJECTIVES		INHALATION REMEDIATION OBJECTIVES		CONSTRUCTION WORKER REMIATION OBJECTIVES		GP-10 1.0 5/16/05	GP-10 3 5/16/05	GP-30 1.5 5/16/05	GP-30 3 5/16/05	GP-45 1 5/16/05
	Class I	Class II	Residential	Commercial	Residential	Commercial	Ingestion	Inhalation					
Alpha - BHC	0.0005	0.003	0.1	0.9	0.9	1.5	20	2.1	ND	ND	ND	ND	ND
gamma - BHC	0.009	0.047	0.5	4	NA	NA	98	NA	ND	ND	ND	ND	ND
beta - BHC	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Heptachlor	23	110	0.1	1	0.1	11	28	18	ND	ND	ND	ND	ND
delta - BHC	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Aldrin	0.5	2.5	0.04	0.3	3	6.6	6.1	9.3	ND	ND	ND	ND	ND
Heptachlor Epoxide	0.7	3.3	0.07	0.6	6	9.2	2.7	13	ND	ND	ND	ND	ND
gamma - Chlordane	NA	NA	NA	NA	NA	NA	NA	NA	0.0062	ND	0.0044	ND	ND
alpha - Chlordane	10	48	1.8	16	72	140	100	22	0.0064	ND	0.0025	ND	ND
Endosulfan I	18	90	470	12,000	NA	NA	1,200	NA	0.0042	ND	ND	ND	ND
4,4 - DDE	54	270	2	17	NA	NA	370	NA	0.0048	ND	0.0054	ND	0.0077
Dieldrin	0.004	0.02	0.04	0.4	1	2.2	7.8	3.1	ND	ND	0.0043	ND	ND
Endrin	1	5	23	610	NA	NA	61	NA	0.028	ND	0.0063	ND	0.0084
4,4 - DDD	16	80	3	24	NA	NA	620	NA	ND	ND	0.0043	ND	ND
Endosulfan II	18	90	470	12,000	NA	NA	1,200	NA	ND	ND	0.0036	ND	ND
4,4 - DDT	32	160	2	17	NA	1,500	100	2,100	0.019	ND	0.015	ND	0.013
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methoxychlor	160	780	390	10,000	NA	NA	1,000	NA	ND	ND	ND	ND	ND
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA	NA	0.030	ND	ND	ND	ND
Toxaphene	31	150	0.6	5.2	89	170	110	240	ND	ND	ND	ND	ND
Dalapon	0.65	8.5	2,300	61,000	NA	NA	6,100	NA	ND	ND	ND	ND	ND
MCP	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Dicamba	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
MCPA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Dichloroprop	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4 - D	1.5	7.7	780	20,000	NA	NA	2,000	NA	ND	ND	ND	ND	ND
2,4,5 - TP	11	65	630	16,000	NA	NA	1,600	NA	0.0064	ND	ND	ND	0.0068
2,4,6 - T	270	1,400	7,800	200,000	NA	NA	200,000	NA	ND	ND	ND	ND	ND
Dinoseb	0.34	3.4	78	2,000	NA	NA	200	NA	ND	ND	ND	ND	ND
2,4 - DB	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND

Units in mg/kg

ND = Not Detected

NA = Not Analyzed

Blue/Blue Shade indicates above Tier 1 SROs

Site Evaluated for Class II Groundwater and commercial use restriction

Table 10
Groundwater Elevation Data

5401 West 65th Street
Bedford Park, Illinois
Project No. 08-0405

WELL ID/ DATE SAMPLED		TOP OF CASING ELEVATION (FEET)	DEPTH TO GROUNDWATER (FEET BTOC)	GROUNDWATER ELEVATION (FEET)
MW-1	10/07/08	100.00	3.86	96.14
MW-2	10/07/08	98.29	4.25	94.04
MW-3	10/07/08	96.56	12.10	84.46
MW-4	10/07/08	98.17	12.30	85.87
MW-5	10/07/08	100.20	5.97	94.23

BTOC = Below the top of casing

Table 11
GW VOC Analytical Results
5401 West 65th Street
Bedford Park, IL
Project # 08-0405

CONSTITUENT	GW Ingestion		GPW-2	GPW-10	GPW-16	GPW-18	MW-1	MW-2	MW-3	MW-4	MW-5
	Class I	Class II									
Acetone	0.7	0.7	0.055	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.0002	0.0002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	0.001	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.7	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.1	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	0.14	0.14	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane*	2.8	14	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.0002	0.001	ND	ND	ND	ND	ND	0.0041	ND	ND	ND
Chloromethane*	0.028	0.14	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.7	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.007	0.035	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.07	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.1	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropene - total	0.001	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.7	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone*	0.28	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	0.005	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butylether	0.07	0.07	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	0.1	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane*	0.42	0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.2	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.005	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane*	2.1	10.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	7	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	10	10	ND	0.0025	ND	ND	ND	ND	ND	ND	ND

* Chemicals not in TACO

ND = Not Detected

NA = Not Analyzed

Units in mg/l

Shading indicates above Tier 1 SROs

Site Evaluated for Class II Groundwater and commercial use restriction

Table 12
GW SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	GW Ingestion		GPW-10	GPW-16	GPW-18
	Class I	Class II	5/16/05	5/16/05	5/16/05
Acenaphthene	0.42	2.1	ND	ND	ND
Anthracene	2.1	10.5	0.003	ND	ND
Benzo(a)anthracene	0.00013	0.00065	0.00089	0.00023	0.00027
Benzo(a)pyrene	0.0002	0.002	0.001	0.00022	0.0002
Benzo(b)fluoranthene	0.00018	0.0009	0.00042	0.00032	0.00038
Benzo(g,h,i)perylene	0.21	1.05	0.00025	0.00021	0.00021
Benzo(k)fluoranthene	0.00017	0.00085	ND	0.00016	0.00012
bis(2-Chloroethoxy)methane	NA	NA	ND	ND	ND
bis(2-Chloroethyl)ether	0.01	0.01	ND	ND	ND
bis(2-ethylhexyle)phthalate	0.006	0.06	ND	ND	ND
4-Bromophenyl Phenyl Ether	NA	NA	ND	ND	ND
Butylbenzylphthalate	1.4	7	ND	ND	ND
Carbazole	NA	NA	ND	ND	ND
4-Chloroaniline	0.028	0.028	ND	ND	ND
4-Chloro-3-methylphenol	NA	NA	ND	ND	ND
2-Chloronaphthalene	NA	NA	ND	ND	ND
2-Chlorophenol	0.035	0.175	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NA	NA	ND	ND	ND
Chrysene	0.0015	0.0075	0.0022	0.00024	0.00022
Dibenz(a,h)anthracene	0.0003	0.0015	ND	0.00012	ND
Dibenzofuran	0.014	0.07	ND	ND	ND
1,2-Dichlorobenzene	0.6	1.5	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	ND	ND	ND
1,4-Dichlorobenzene	0.075	0.375	ND	ND	ND
3,3-Dichlorobenzidine	0.02	0.1	ND	ND	ND
2,4-Dichlorophenol	0.021	0.021	ND	ND	ND
Diethylphthalate	5.6	5.6	ND	ND	ND
2,4-Dimethylphenol	0.14	0.14	ND	ND	ND
Dimethylphthalate	NA	NA	ND	ND	ND
Di-n-butylphthalate	NA	NA	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	ND	ND	ND
2,4-Dinitrophenol	0.014	0.014	ND	ND	ND
2,4-Dinitrotoluene	0.00002	0.00002	ND	ND	ND
2,6-Dinitrotoluene	0.00031	0.00031	ND	ND	ND
Di-n-octylphthalate	0.140	0.70	ND	ND	ND
Fluoranthene	0.28	1.4	0.0012	ND	ND
Fluorene	0.28	1.4	0.0044	ND	ND
Hexachlorobenzene	0.00008	0.0003	ND	ND	ND
Hexachlorocyclopentadiene	0.05	0.50	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 12
GW SVOC Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

CONSTITUENT	SOIL COMPONENT TO GROUNDWATER INGESTION		GPW-10	GPW-16	GPW-18
	Class I	Class II	5/16/05	5/16/05	5/16/05
Hexachloroethane	0.007	0.035	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	ND	0.00019	0.00018
Isophorone	1.4	1.4	ND	ND	ND
2-Methylphenol	0.35	0.35	ND	ND	ND
3 & 4 Methylphenol ¹	0.035	0.035	ND	ND	ND
Naphthalene	0.14	0.22	ND	ND	ND
2-Nitroaniline ¹	0.021	0.021	ND	ND	ND
3-Nitroaniline ¹	0.0021	0.0021	ND	ND	ND
4-Nitroaniline ¹	0.021	0.021	ND	ND	ND
Nitrobenzene	0.0035	0.0036	ND	ND	ND
2-Nitrophenol	NA	NA	ND	ND	ND
4-Nitrophenol ¹	0.056	0.056	ND	ND	ND
N-nitrosodi-n-propylamine	0.0018	0.0018	ND	ND	ND
N-Nitrosodiphenylamine	0.0032	0.016	ND	ND	ND
Pentachlorophenol	0.001	0.005	ND	ND	ND
Phenanthrene ¹	0.21	1.05	ND	ND	ND
Phenol	0.1	0.1	ND	ND	ND
Pyrene	0.21	1.05	0.0056	ND	ND
1,2,4 - Trichlorobenzene	0.07	0.7	ND	ND	ND
2,4,5 - Trichlorophenol	0.7	0.7	ND	ND	ND
2,4,6 - Trichlorophenol	0.01	0.01	ND	ND	ND

NA = No remediation objective established

1 = remediation objective based on MSA background

2 = remediation objective based on Acceptable detection limit

3 = Chemicals not in TACO

ND = Not Detected at Method Detection Limit

Units in mg/kg

Bold/ Shade indicates above Tier 1

Site evaluated for Class II Groundwater and commercial use restriction

Table 13
Groundwater PNA Analytical Results

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

SAMPLE ID	Date Sampled	Acenaphthene	Anthracene	Benzo(a)-anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)-pyrene	Chrysene	Dibenz(a,h)-anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)-pyrene	Naphthalene	Pyrene
MW-1	10/07/08	< 0.0130	0.00067	0.0050 ^{1,2}	0.0088 ^{1,2}	< 0.00026 ¹	< 0.00067 ¹	0.0061 ¹	< 0.0015 ¹	0.0120	< 0.0013	< 0.00067 ¹	< 0.0067	0.0085
MW-2	10/07/08	< 0.0026	< 0.000051	< 0.00013	0.00022 ¹	< 0.000051	0.00019	0.00025	0.00073 ¹	0.00050	< 0.00026	0.00056 ¹	0.0033	< 0.00028
MW-3	10/07/08	< 0.0024	< 0.000048	< 0.00012	< 0.000048	< 0.000048	< 0.00012	< 0.00012	< 0.00029	< 0.00012	< 0.00024	< 0.00012	< 0.0012	< 0.00024
MW-4	10/07/08	< 0.0027	< 0.000053	< 0.00014 ¹	< 0.000053	< 0.000053	< 0.00014	< 0.00014	< 0.00032 ¹	< 0.00014	< 0.00027	< 0.00014	< 0.0014	< 0.00027
MW-5	10/07/08	< 0.0024	< 0.000049	< 0.00013	< 0.000049	< 0.000049	< 0.00013	< 0.00013	0.00039 ¹	0.00018	< 0.00024	0.00029	< 0.0013	< 0.00024
GROUNDWATER REMEDIALATION OBJECTIVES	CLASS I	0.42	2.1	0.00013	0.00018	0.00017	0.0002	0.0015	0.0003	0.28	0.28	0.00043	0.14	0.21
	CLASS II*	2.1	10.5	0.00065	0.0009	0.00085	0.002	0.0075	0.0015	1.4	1.4	0.00215	0.22	1.05

Concentrations in milligrams per liter (mg/l)

1-Class I Groundwater Remediation Objectives exceeded

2-Class II Groundwater Remediation Objectives exceeded

* This site has been evaluated based on Class II Groundwater

Table 14
Groundwater Metals Analytical Results

**5401 West 65th Street
Bedford Park, IL
Project No. 08-0405**

WELL LOCATION	DATE	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
GPW-10	05/16/05	47 ^{1,2}	0.5	0.050 ¹	0.10	14 ^{1,2}	0.036 ^{1,2}	0.33 ^{1,2}	< 0.010
GPW-16	05/16/05	0.044	0.014	< 0.005	< 0.005	< 0.005	< 0.0002	< 0.01	< 0.010
GPW-18	05/16/05	0.0048	0.150	< 0.002	0.019	0.024 ¹	< 0.0002	< 0.01	< 0.002
MW-1	10/07/08	0.0250	0.5600	0.0022	0.0540	0.0950 ¹	0.00067	< 0.0100	< 0.0050
MW-2	10/07/08	< 0.0100	0.2400	< 0.0020	0.0170	0.0710 ¹	0.00029	< 0.0100	< 0.0050
MW-3	10/07/08	0.0110	0.0840	< 0.0020	0.0260	0.0190 ¹	< 0.00200	< 0.0100	< 0.0050
MW-4	10/07/08	< 0.0100	0.0630	< 0.0020	0.0150	0.0150 ¹	< 0.0002	< 0.0100	< 0.0050
MW-5	10/07/08	< 0.0100	0.1700	< 0.0020	< 0.0100	0.0280 ¹	< 0.0002	< 0.0100	< 0.0050
GROUNDWATER REMEDIATION OBJECTIVES	CLASS I	0.05	2.0	0.005	0.1	0.0075	0.002	0.05	0.05
	CLASS II*	0.2	2.0	0.05	1.0	0.1	0.01	0.05	---

1-Class I Remediation Objective exceeded

2-Class II Remediation Objective exceeded

* This site has been evaluated based on Class II Remediation Objectives

APPENDIX A

Portions of Historical Reports

DRAFT

**Phase I ESA
October 2004 prepared by ATC Associates, Inc.**

DRAFT

RELEASED

MAR 08 2019

REVIEWED



PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Industrial Building
5401 West 65th Street
Bedford Park, Illinois
ATC Project Number: 11.15771.0137**

Prepared for:

**Walton Street Capital, LLC
900 North Michigan Avenue
Suite 1900
Chicago, IL 60611**

October 28, 2004

October 28, 2004

Mr. Brett Rose
Walton Street Capital, LLC
900 North Michigan Avenue, Ste. 1900
Chicago, Illinois 60611

RE: Phase I Environmental Site Assessment
Industrial Building
5401 West 65th Street
Bedford Park, Illinois
ATC Project Number: 11.15771.0137

Dear Mr. Rose:

Attached herewith is our report entitled "Phase I Environmental Site Assessment - Industrial Building, 5401 West 65th Street, Bedford Park, Illinois," dated October 28, 2004. The assessment activities were performed in general accordance with criteria outlined in ATC Associates Inc. (ATC) Proposal Number 11-040927R, dated September 29, 2004.

ATC appreciates the opportunity to provide Walton Street Capital, LLC with these services and looks forward to working with you on future assignments. If you have questions regarding information in this report or if we can be of further assistance, please do not hesitate to contact the Lombard, Illinois, office at (630) 916-7272.

Sincerely,
ATC Associates Inc.

Cara R. Anderson
Project Scientist

Darby C. Nafziger
Senior Project Manager

J. David Patton, P.G., CHMM
Operations Manager

RELEASABLE

MAR 08 2010

REVIEWED

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

EXECUTIVE SUMMARY

In October of 2004, ATC Associates Inc. (ATC) performed a Phase I Environmental Site Assessment (ESA) of the Industrial Building located at 5401 West 65th Street, in the Village of Bedford Park, Cook County, Illinois, hereafter referred to as the site. The objective of this assessment was to identify Recognized Environmental Conditions (RECs) associated with the site. To achieve this objective, this assessment included visual observations of the site including limited observations of surrounding properties and a review of the following: historical records, regulatory database listings, and interviews with local agency representatives and related sources. The site assessment was conducted in general accordance with the guidelines outlined in the ASTM *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process Designation E 1527-00*, and ATC Proposal Number 11-040927R dated September 29, 2004.

The site consists of an approximately 33.86-acre lot with an approximately 1,053,781 square foot, multi-story industrial building. Asphalt-paved parking, gravel areas and grassy areas are present at the site. The site building was reportedly constructed in the 1920's with additions to the structure in 1925, 1926, 1928, 1936, 1941, 1942 and 1960. The site building consists of thirteen sections ranging from one-story to four-stories. The building is constructed atop a concrete slab on-grade foundation. However, a tunnel is located beneath the site building that houses utility piping. Several tenants currently occupy the building. Please refer to Section 2.1.1 of this report for a list of all current tenants. The site building is approximately 60% occupied. No manufacturing operations are currently conducted on-site, with the exception of Raani Corporation. Raani Corporation is a manufacturer of shampoo, deodorant, and other health and beauty products. Raani Corporation currently stores approximately 1,900 chemicals on-site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

ATC's investigation of the site identified the following *recognized environmental conditions (RECs)*:

- **Historical Use of the Site**

The site has been used for heavy industrial/manufacturing purposes, predominately by the Continental Can Company, that involved the use and storage of hazardous materials along with the generation of hazardous wastes since the 1920's. Therefore, the potential subsurface impact stemming from the historical site use constitutes a *recognized environmental condition*.

- **Unregistered USTs**

Information obtained from the OFSM and a review of prior reports indicate that USTs # 7 and # 8 do not exist on site. According to information provided by Woodward-Clyde in the UST removal report, the suspected location of USTs # 7 and # 8 was trenched in order to locate the USTs. The USTs were not found and it is assumed the USTs were removed prior to 1993. However, based on the lack of documentation pertaining to the exact location and possible removal of the USTs, the lack of information regarding the removal of the USTs constitutes a *recognized environmental condition*.

- **Abandoned in Place UST**

UST # 6 is located in the northern portion of the site building, in an interior courtyard. UST # 6 is identified as a 2,500-gallon UST that contained naphthalene. The age of the tank is unknown. It was believed that the tank is located under the south wall of the courtyard and has a high voltage line laid on top of the tank. Because of these factors, UST # 6 was abandoned in place. Prior to the abandonment, a portion of the concrete slab around the UST manhole was excavated. Two soil samples were collected through the bottom of the tank. The soil samples had limited visual contamination. An application for a permit to abandon in place was submitted to the OSFM on December 16, 1993. The permit was approved on March 7, 1994 and the UST was abandoned in place on March 24, 1994. However, based on the presence of this tank and the unknown soil conditions, this UST constitutes a *recognized environmental condition*.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

- **On-Site ERNS Incident**

The site is identified on the federal database as an Emergency Response Notification System (ERNS) facility. According to Environmental Data Resources, Inc. (EDR), a release of approximately 20-gallons of PCBs from PCB-containing capacitors occurred at the site on July 18, 1990 during the demolition of an on-site building. The area impacted was approximately 150 square feet. No additional information was available regarding this incident. ATC submitted a Freedom of Information Act (FOIA) request to the United States Environmental Protection Agency (USEPA) for additional information regarding this incident. At this time no information has been received. Upon receipt, if items of concern are noted, an addendum to this report will be generated. Based on the lack of documentation, this release of PCBs to the on-site soil is considered a *recognized environmental condition* to the site. ATC recommends completing a file review of information obtained from the USEPA to determine the extent of PCB contamination located on-site from this incident. If no information is available, subsurface soil sampling for PCB content should be conducted in the area of prior contamination.

✓
Redacted

done?

- **East Adjoining SRP Facility**

The east adjoining property (identified as Barton Chemical Corporation in the regulatory database report) located at 5331 West 66th Street is listed on the UST database, the RCRIS-LQG database, the CERCLIS-NFRAP database, and the SRP database. This facility is identified as having a 1,000-gallon diesel fuel UST with a "removed" status. No LUST incidents have been reported for this facility. No violations have been reported for this facility in relation to its RCRIS-LQG status. This facility is also identified on the CERCLIS-NFRAP database. The preliminary assessment was performed on September 8, 1986 and the site inspection was performed on December 31, 1986. The site was archived on August 19, 1993. In addition, the facility was identified on the SRP database. This facility was enrolled in the SRP program on December 18, 1998. A No Further Remediation (NFR) determination had not been issued to this facility. Based on this information, ATC considers the east adjoining property to be a *recognized environmental condition* to the site. ATC recommends conducting a file review of this facility to determine its impact on the site, if any.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

ATC's investigation of the site identified the following Historical REC:

- **Former On-Site LUST incident**

A LUST incident was reported during the removal of USTs #2 and #9. Both USTs were removed in November of 1993 and were located adjacent to one another west of Building F. Incident #933025 was reported as the result of a release discovered during the removal in 1993. Review of the information provided by EDR for the on-site LUST incident, indicates that the 20-day report was received by the IEPA on December 9, 1993 and a 45-day report was received on January 4, 1994. On September 26, 1994, the IEPA issued the on-site LUST incident a No Further Remediation (NFR) determination. Due to the closed status of this LUST incident, it is considered a *HREC* to the site.

ATC's investigation of the site identified the following notable findings:

- **Former On-Site Underground Storage Tanks (USTs)**

A permit for the removal of UST # 1 was submitted to the OFSM on November 6, 1998 and approved on January 6, 1999. A "Log of Underground Storage Tank Removal" indicated the tank was removed on February 26, 1999 and no apparent contamination was observed and groundwater was not contaminated.

UST # 3 was located in the north courtyard, south of West 65th Street. The UST contained 280-gallons of alcohol. The age of the tank was unknown and the condition was poor. No product or sludge were present prior to tank cleaning. After the removal of UST 3, no visual evidence of contamination was present. No further action was required and the OSFM representative rated the UST removal as "clean." Closure samples were collected from the walls of the excavation area.

UST # 4 was located at the southeast corner of the property. UST # 4 was a 15,000-gallon tank and contained #6 fuel. After the removal of UST 4, no visual evidence of free product was present in the excavation area. The OSFM representative rated the UST removal as "clean." Closure samples were collected from the walls and floor of the excavation area.

UST # 5 and # 10 were located on the western border of the site. Only UST # 5 was registered before removal. During excavation of UST # 5, UST # 5A was discovered. Both USTs were 1,500 gallons and contained kerosene. After the removal, no visual evidence of a release was observed. Closure samples were collected from the walls of the excavation area.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

- **UST # 12**

A permit for the installation of USTs was received and approved by the OSFM on January 7, 2003 for the installation of UST # 11 (12,000-gallon gasoline UST) and UST # 12 (a 4,000-gallon diesel fuel UST). However, a revised permit for the installation of only UST # 11 was received by the OSFM on September 9, 2003 and approved on September 10, 2003. Based on this information and the information provided in the EDR report, it appears UST # 12 was never installed on-site.

- **Potential On-Site USTs**

Based on the historical use of the site, caution should be exercised during future site redevelopment activities as the potential exists that un-registered USTs may still be located on-site. In the event that USTs are encountered during future site development activities, they should be properly removed and disposed of in accordance with applicable regulations. An electromagnetic investigation or the installation of test pits may be performed in the locations suspected of containing USTs based on historical information gathered. These activities may indicate the presence of a UST and possibly impacted soil that could delay development activities if encountered during site excavation procedures.

- **Current On-Site UST**

According to information obtained from site representatives and the EDR report, one 12,000-gallon gasoline UST (Tank # 11) is currently located on-site. Budget Rent-A-Car (Budget), a current site tenant, uses the gasoline tank for refueling of rental vehicles stored at the site. According to Mr. Howard Bond, Manager for Budget, and information obtained from the OSFM, the UST was installed on December 3, 2003. The tank is a double-walled fiberglass reinforced tank and is monitored by an automatic Veeder-Root monitoring system on both the tanks and associated piping. In addition, automatic shut-off devices were installed as overfill protection devices. No problems have been reported in connection with the current 12,000-gallon gasoline UST. Therefore, based on the age of the UST and lack of reported releases, the current on-site 12,000-gallon gasoline UST does not represent an environmental concern to the site.

- **On-Site Above Ground Storage Tanks**

No visual evidence (concrete foundations or steel pedestals) that would indicate past or present ASTs was observed on the site during the recent inspection with the exception of the ASTs located in the Budget Rent-A-Car space. Two 500-gallon ASTs were observed in the southeast corner of the Budget tenant space (K-103). These ASTs are used for the storage of fresh oil and used oil. The ASTs are approximately three years old and were observed to be in good condition and no staining was observed in the vicinity of the ASTs. According to Jeff (last name

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

withheld), Maintenance Manger for Budget, the tanks are constructed of double walled steel that serves as a secondary containment. Based on the observed condition of the ASTs and lack of evidence of staining or leaking, the on-site ASTs do not represent an environmental condition to the property.

- **On-Site Railroad Spur**

In general, railroads are a source of potential impact from creosote (a potentially hazardous chemical applied to treat railroad ties) or spillage and/or leakage from transporting various materials, as well as railroad maintenance activities. However, ATC observed no evidence of environmental impairment (staining, spilling, distressed vegetation) associated with the on-site railroad spurs.

- **Raani Corporation; current on-site RCRIS-SQG**

Raani Corporation, a manufacturer of shampoo, deodorant, and other health and beauty products, store approximately 1,900 chemicals on-site. The chemicals stored on-site ranged in size from 1-gallon containers to 55-gallon drums. Chemicals were stored on pallets or shelves and were properly labeled. No indication of staining or leaking was observed in the vicinity of the stored chemicals. Mr. Mike Medina of Raani Corporation supplied ATC with MSDS sheets for all hazardous chemicals stored on-site. This information can be found in Appendix H of this report. In addition, Raani Corporation is identified on the RCRIS-SQG database. No violations have been reported in relation to Raani Corporation's RCRIS-SQG listing. Based on the lack of reported violations and visual observations, the current on-site chemical storage is not considered an environmental concern to the site.

- **On-Site HIV Diagnostics Kit Lab**

Walton Street Capital, LLC provided ATC with an article from the October 29, 2004 Metropolitan Digest that indicated that Ranni Corporation (a current on-site tenant) was allegedly manufacturing HIV diagnostic kits without a license, using materials that were labeled as containing live samples of the HIV virus. The lab was discovered during a routine fire inspection on October 15, 2004. According to the article, vials labeled as HIV-positive serum were found inside a locked refrigerator. ATC was not made aware of this situation and did not observed evidence of the manufacturing of HIV diagnostic kits during the site reconnaissance. ATC recommends that all appropriate decontamination and cleaning procedures provided by the Center for Disease Control (CDC) be followed.

- **On-site RCRIS Listings**

A former tenant, Peterson Elastomers Inc., and two current tenants Raani Corporation and Avlon Industries were identified on the RCRIS-SQG database. No violations have been reported for these three tenants. Additional information regarding Ranni

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

Corporation is discussed above. Based on the lack of reported violations, occupancy status, and/or visual observations, the RCRIS-SQG status of these three tenants does not represent an environmental concern to the site.

- **Budget Rent-A-Car Hazardous Waste Generation**

Budget Rent-A-Car performs routine service on its rental car fleet stored at the site. According to Jeff (last name withheld), Maintenance Supervisor, waste oil is collected once a week by Duke's Oil Service. In addition, used oil filters are reportedly crushed and allowed to drain into waste oil containers until all free oil is removed. After the oil is drained from the filters they are disposed of in recycle bins that are collected by Resource Recovery. Based on visual observations (lack of apparent releases), waste generation, storage, and disposal activities do not represent an environmental concern to the Site.

- **Former On-Site Tenant Continental Can RCRIS-LQG and SQG Status**

Continental Can, the former occupant of the site, was identified in the regulatory database report as a RCRIS-SQG and a RCRIS-LQG. Review of prior reports identified various chemicals on the site utilized by Continental Can and violations associated with the RCRIS-LQG status. ATC reviewed the following report provided by the IEPA: *Preliminary Assessment, Visual Site Inspection, Former Continental Can USA Plant # 5, Bedford Park, Illinois (ILD 000803718)*, prepared for the USEPA, prepared by B & V Waste Science Technology, dated March 26, 1993. Information obtained from this report indicated that Continental Can, former occupant of the site, produced tin cans and tin can parts at the site. Tin shipped to the facility in large coils was cut into 30-inch square sheets and lithographed. The lithography lines coated the tin with colors and organic protectants. Raw material used during the manufacturing process included paints, enamels, varnishes, naphtha, solvents, machine oils, and tins. Wastes were generated and managed at various locations throughout the site building. A former drum storage area was located directly south of Building K. The former drum storage area was classified as a solid waste management unit (SWMU). A RCRA SWMU is one that currently requires or formerly required submittal of a RCRA Part A or Part B permit application. The status of this SWMU was identified as "RCRA clean closed in 1988."

Regulatory History

Continental Can submitted a Notification of Hazardous Waste Activity form on July 30, 1980. In May 1988, a revised application was submitted to reflect a change in the operator to U.S. Can; however, U.S. Can was not conducting manufacturing operations. U.S. Can submitted a closure plan for the former drum storage area (SWMU). The plan was approved and closure activities were inspected on December 1, 1988. The inspection revealed that the closure of the former drum storage area was

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

completed in accordance with the approved closure plan. Continental Can had minor RCRA compliance problems. Most violations, which were observed during IEPA inspections between 1982 and 1987, pertained to deficiencies in paperwork, such as inspection records, training records, waste analysis, and contingency plans. Violations were corrected on follow-up inspections.

Based on the review of the prior report and the nature of the violations reported at the facility (record keeping), the RCRIS-SQG and the RCRIS-LQG status of the former on-site tenant (Continental Can) do not represent an environmental concern to the site.

- **Former On-Site Tenant Continental Can CORRACTS and CERCLIS-NFRAP Status**

Continental Can USA Plant #5, the former occupant of the site, was identified on the CORRACTS and CERCLIS-NFRAP databases. Continental Can was identified as CERCLIS-NFRAP facility and a CORRACTS facility on September 26, 1992 and was assigned a low corrective action priority. The preliminary assessment was performed on March 26, 1993 and archived on December 1, 1995. ATC submitted a FOIA request to the USEPA for additional information regarding these listings. At this time, no information has been received. Upon receipt, if items of concern are noted, an addendum to this report will be generated. Based on the determination that Continental Can is no longer located at the site and the fact the site was archived in 1995, the former CORRACTS and CERCLIS listings represent a low potential concern to the site.

- **Asbestos Containing Materials**

ATC conducted a limited visual asbestos screening to identify suspect ACM within the site building. However, no bulk samples were collected per the scope of work. Several types of suspect ACMs were identified in the site building, and include vinyl floor tile and associated mastic, ceiling tiles, roofing materials, drywall and associated tape/joint compound, plaster, thermal system insulation, boiler insulation and baseboard mastic. In addition, ATC reviewed a prior asbestos investigation conducted by Woodward Clyde Associates. The following materials were determined to contain asbestos: thermal system insulation (TSI) on steam lines; TSI on water lines and fittings; TSI on steam and water line fittings; all TSI located within an abandoned boiler room; TSI on roof drains; TSI on litho ovens; electrical insulation; linoleum; 9" x 9" floor tile and mastic; 12" x 12" floor tile and mastic; corrugated cement panels; corrugated roofing panels. In addition, Woodward Clyde assumed the following materials were asbestos containing: flange and sheet gaskets, vibration cloth (air handling equipment), and laboratory counter tops. The suspect and confirmed ACMs noted on site were in good to fair condition at the time of the site

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

visit. Based on the results of ATC's limited investigation and the review of prior reports, ATC recommends that prior to demolition or renovation activities, a comprehensive asbestos inspection should be performed at the Property. If asbestos is detected, applicable local, state and federal regulations, pursuant to demolition/renovation, should be followed. In the absence of analytical verifications, the suspect ACMs should be assumed to contain asbestos and managed according to federal, state and local regulations.

- **Roof Leaks and Potential Microbial Growth Identified in Building N**

No visual evidence of suspect microbial growth was observed by ATC during the site visit. However, an area of sustained roof leaks were observed in the hallway area of Building N. Due to the height of the ceiling, ATC was unable to observe any suspect microbial growth on water impacted building materials. According to Mr. Mike Joniak, Richmond Asset Management, roof repairs are currently being scheduled. ATC recommends that the water intrusion issues be resolved in order to avoid future mold growth and that any observed mold growth be remediated in accordance with applicable guidance documents pertaining to the remediation of mold growth in commercial buildings.

- **East Adjoining RCRIS-LQG and UST Facility**

One east adjacent property (identified as Viking Metal in the regulatory database report) located at 5321 West 65th Street is listed in the regulatory database report as RCRIS-LQG and a UST facility. This facility is registered as having one 2,000-gallon diesel fuel UST with a "exempt from registration" status. This facility is not listed as having a reported LUST incident. No violations were found for this facility's RCRIS listing. Based on the lack of violations and reported releases, this adjacent facility represents a low potential environmental concern to the site.

- **West Adjoining UST Facility**

The west adjoining property, 5555 West 65th Street (identified as the Douglas Building in the regulatory database) is identified as a UST facility. This facility is listed as having four USTs with unknown capacities and product stored. All four tanks are listed as inactive with a "permanently out of use status." No LUST incidents have been reported for this facility. Based on the lack of reported releases, this adjacent facility represents a low potential environmental concern to the site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

TABLE OF CONTENTS

LETTER OF TRANSMITTAL	i
EXECUTIVE SUMMARY	ii
TABLE OF CONTENTS	xi
1.0 INTRODUCTION.....	1
1.1 Limitations and Exceptions to Assessment.....	4
1.2 Report Reliance.....	5
2.0 SITE DESCRIPTION.....	6
2.1 Site Reconnaissance.....	6
2.1.1 Current Use of Site.....	7
2.1.2 Descriptions of Structures, Roads, and Other Site Improvements.....	9
2.2 Physical Site Setting.....	10
2.2.1 Topography.....	10
2.2.2 Surface Water.....	10
2.2.3 Subsurface Literature Review.....	11
2.2.4 Hydrogeology.....	12
2.3 Storage Tanks.....	12
2.3.1 Underground Storage Tanks (USTs).....	12
UST Table	12
2.3.2 Aboveground Storage Tanks (ASTs).....	15
2.4 Polychlorinated Biphenyls (PCBs)	16
2.5 Waste Management and Hazardous Substance Handling.....	18
2.6 ASTM Non-Scope Considerations	22
2.6.1 Asbestos-Containing Materials (ACMs).....	22
2.6.2 Mold.....	25
2.6.3 Wetlands	26
2.6.4 Flood Plains	26
2.6.5 Radon	26
2.7 User Provided Information	27
2.7.1 Previous Assessments	27
2.7.2 Title Records.....	30
2.7.3 Environmental Liens and Site Use Limitations	30
2.7.4 Reason for Performing Phase I ESA.....	30
3.0 ADJOINING LAND USE.....	31
3.1 Current Use of Adjoining Properties	31
3.2 Historical Use of Adjoining Properties.....	32

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

4.0 SITE HISTORY AND RECORDS REVIEW	33
4.1 Historical Use Information.....	33
4.1.1 Aerial Photography	34
4.1.2 Sanborn Fire Insurance Maps.....	35
4.1.3 Historical City Directories	38
4.1.4 Township Assessor's Office Information.....	39
4.1.5 Additional Historic Record Sources	39
4.1.6 Building Department Records.....	39
4.2 Standard Environmental Record Sources	39
4.2.1 Federal Records.....	40
<i>Table 1: Federal Databases Searched in Regulatory Review</i>	<i>41</i>
4.2.2 State Records	42
<i>Table 2: State Databases Searched in Regulatory Review.....</i>	<i>42</i>
4.2.3 Fire Department Records.....	44
4.3 Additional Environmental Record Sources	44
4.4 Interviews.....	45
5.0 FINDINGS AND OPINIONS.....	46
6.0 CONCLUSIONS	54
7.0 RECOMMENDATIONS.....	56
8.0 LIMITATIONS / EXCEPTIONS.....	57
9.0 REFERENCES.....	61

APPENDICES

Appendix A - Figures

Figure A-1: Site Vicinity Map

Figure A-2: Site Plan

Appendix B - Photographic Documentation

Figure B-1: 1951 Aerial Photograph

Figure B-2: 1994 Aerial Photograph
Site Photographs

Appendix C - Fire Insurance Maps

Appendix D - Regulatory Database Report

Appendix E - Records of Communication

Appendix F - Prior Reports

Appendix G - Resumes

Appendix H - Supporting Documentation

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

1.0 INTRODUCTION

ATC was authorized on September 29, 2004 by Mr. Perry Pinto on behalf of Walton Street Capital, LLC to conduct a Phase I Environmental Site Assessment (ESA) of the Industrial Building located at 5401 West 65th Street, in the Village of Bedford Park, Cook County, Illinois (see Appendix A, Figure A-1 - Site Vicinity Map and Figure A-2 - Site Plan). This evaluation was conducted in general accordance with ATC Proposal Number 11-040927R, dated September 29, 2004.

The primary purpose of this assessment was to identify Recognized Environmental Conditions (RECs) associated with the site. The Phase I ESA was conducted in general accordance with the requirements of the ASTM *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E 1527-00* (ASTM).

A REC, according to ASTM, is defined as the presence or likely presence of any hazardous substances or petroleum products on-site under conditions that indicate an existing release, a past release, or a material threat of release of hazardous substances or petroleum products into structures on the site or into the ground, groundwater, or surface water of the site. *De minimis* conditions are not considered RECs. A *de minimis* condition generally does not present a material risk of harm to public health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

In addition, environmental conditions that in the past would have been considered a REC, but which may or may not be considered a REC currently, are identified as Historical RECs (HRECs) in this report.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

In accordance with the above-referenced agreement, ATC performed a walk through of the site, interviewed personnel at the site, noted use of adjoining properties, and conducted a search of certain readily available historical and regulatory records. More specifically, the scope of services included the following:

- **Site and Adjoining Property Observations**
Visual observations of the site, structures, and surrounding properties were made to identify potential sources or indications of chemical contamination such as underground storage tanks (USTs), aboveground storage tanks (ASTs), potential sources of polychlorinated biphenyls (PCBs), chemicals and hazardous materials, and areas with surface stains or stressed vegetation. In addition, the immediately adjoining properties were observed from the site, without being entered, for potential sources of contamination or environmental impairment, which could likely migrate to the site via surface water runoff, groundwater transport, or other pathways.
- **Historical Review**
A review of reasonably ascertainable historical Sanborn Fire Insurance Maps (if available), aerial photographs for the site and adjoining properties, city directories for the site, and historical building department records was conducted to evaluate previous land use.
- **Regulatory Records Review**
The following regulatory databases were reviewed to identify use, generation, storage, treatment, or disposal of hazardous materials, or releases of such materials that may impact the site: U.S. Environmental Protection Agency (USEPA) National Priorities List (NPL); Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); CERCLIS No Further Remedial Action Planned (NFRAP); Resource Conservation and Recovery Information System-Treatment, Storage, and Disposal facilities (RCRIS-TSDs) and Corrective Action Facilities (CORRACTS); RCRIS Large Quantity Generators (RCRIS-LQG); RCRIS Small Quantity Generators (RCRIS-SQG); Emergency Response Notification System (ERNS); State databases, maintained by the Illinois Environmental Protection Agency (IEPA), included the State Hazardous Waste Sites (SHWS), State Solid Waste/Landfill Facilities (SWF/LF), Leaking Underground Storage Tank (LUST) List, Site Remediation Program (SRP) List, and the State Category (CAT) List. The state

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

database maintained by the Office of the State Fire Marshal (OSFM) includes the Registered Underground Storage Tank (UST) List. The state database maintained by the Illinois Waste Management & Research Center (IWMRC) includes the Surface Impoundment Inventory (IMPDMENT) List. The state database maintained by the Northeastern Illinois Planning Commission (NIPC) is the Solid Waste Landfill Inventory (IL NIPC) List. A detailed description of these databases is included in Appendix E.

- **Interviews with Site Representatives**
Site representatives and other persons familiar with the site were interviewed with regard to the possible past or present use of hazardous substances and petroleum products at the site.
- **Geologic Information**
The United States Geological Survey (USGS) Topographic Map, and Illinois State Geological Survey (ISGS) publications were reviewed to determine topography and geology in the vicinity of the site.
- **Municipal Records Review**
Contact with certain regulatory agencies such as local building departments, county and/or township assessor, and fire officials was made to obtain information regarding the site and surrounding parcels.
- **Prior Report Review**
When provided, a review was made of previous environmental assessments and records of previous environmentally related activities with the purpose of identifying RECs.

In addition, at the request of the client, the following ASTM non-scope considerations were addressed as part of this assessment:

- **Flood Plains and Wetlands**
A Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map and a National Wetlands Inventory (NWI) Map were consulted to determine if the site is located within or near a flood plain or naturally occurring wetland area.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

- **Asbestos Identification**
A limited visual screening was conducted to evaluate the possible presence and condition of suspect asbestos-containing materials (ACMs) and/or related debris at the site.
- **Mold Identification**
A limited visual screening was conducted to evaluate the possible presence of water intrusion incidents and mold-impacted building materials at the site.
- **Radon**
A review was made of U.S. Environmental Protection Agency (USEPA) published data pertaining to radon zones within the general area of the site.

1.1 Limitations and Exceptions to Assessment

All of the common areas (i.e., hallways, bathrooms, and lobby) and tenant areas of the site building were observed during the reconnaissance with the exception of the vault area in the basement of the site building. This area was not accessed due to the presence of standing water and the lack of lighting. The opinions included herein are based on information obtained during the study and our experience. If additional information becomes available which might impact our environmental conclusions, we request the opportunity to review the information, reassess the potential concerns, and modify our opinion, if warranted. If this assessment included a review of reports prepared by other consultants, it must be recognized that ATC has no responsibility for the accuracy of information contained therein.

Certain information contained in this report may have been rightfully provided to ATC by third parties or other sources. ATC does not make any warranties or representations, whether expressed or implied, regarding the accuracy of such information and shall not be held accountable or responsible in the event that any inaccuracies are present.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

1.2 Report Reliance

This report is for the use and benefit of, and may be relied upon by Walton Street Capital, LLC. Any third party use or reliance on this report shall be reported to ATC and limited by the exceptions and limitations in the report and with the acknowledgment that actual site conditions may change with time, and that hidden conditions may exist at the site that were not discoverable within the scope of the assessment.

Regardless of the findings stated in this report, ATC is not responsible for consequences or conditions arising from facts that were concealed, withheld, or not fully disclosed at the time the assessment was conducted. ATC makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either express or implied.

RELEASABLE

MAR 08 2010

REVIEWER MD

2.0 SITE DESCRIPTION

The site is located in a mixed-use, residential and industrial area within the Village of Bedford Park, Illinois, at 5401 West 65th Street (refer to Figures A-1 and A-2). According to information provided by the Cook County Tax Assessor's office website, the site is identified with Parcel Identification Numbers (P.I.N.s) 19-21-113-014 through 016, 019 through 022, 030, 033 and 19-21-114-002. According to the Bedford Park Zoning Department, the site is zoned "H1; Heavy Industrial."

The site consists of an approximately 33.86-acre lot with an approximately 1,053,781-square foot, multi-story industrial building. Asphalt-paved parking, gravel areas and grassy areas are present at the site. The site building was reportedly constructed in the 1920's with additions to the structure in 1925, 19256, 1928, 1936, 1941, 1942 and 1960. The site building consists of thirteen sections ranging from one-story to four-stories. The building is constructed atop a concrete slab on-grade foundation. However, a tunnel is located beneath the site building that houses utility piping. Several tenants currently occupy the building. Please refer to Section 2.1.1 of this report for a list of all current tenants.

2.1 Site Reconnaissance

A site visit was conducted by Ms. Cara R. Anderson, ATC Project Scientist, on October 13, 2004 from 8:00 a.m. to 12:30 p.m. During the site visit, Ms. Anderson was accompanied by Mr. Mike Joniak, Maintenance Engineer for Richmond Asset Management (Richmond), site owner representative. During the site visit, the weather was cool and clear, with good visibility. The site visit consisted of interviews, a walk over the perimeter of the site, a drive along streets surrounding the site perimeter, and an

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

inspection of the interior of the site building. Photographs depicting conditions observed during the site visit are provided in Appendix B.

The on-site building covers approximately 70 percent of the site parcel, while asphalt-paved driveways, asphalt-paved parking lots, gravel areas, and grassy areas cover the remaining 30 percent of the site. The site building may be accessed via 65th Street to the north.

No evidence of distressed vegetation or staining was observed on the site during the inspection. Additionally, ATC's survey revealed no odors, pools of liquid, pits, ponds, or lagoons, in accessed areas of the site.

2.1.1 Current Use of Site

The following tenants currently occupy the site building:

Table 1: Tenant List		
Tenant Name	Spaces	Square Footage
A & N Packaging	Suite C- 101	9,216
AB & D Custom Cabinet Company	Suite J- 104, 100, Suite N-101	34,364
Agati, Inc.	Suite B-305	2,790
American Building Systems	Suite T-102	3,567
Arjay Painting Service	Suite B-303	775
Art Wire Acquisition Company	Suite B-103, 202, Suite G-100	37,740
Budget Rent-A-Car Systems	Suite K-103, Outside Storage	21,200
Casey Tool / Lock Technology	Suite A-101, Suite T 101	10,867
EJ Metal Products	Suite L-100	18,294
Embroidery Center, Inc	Suite B-100, 101	6,660
European Quality Millwork/Woodland Cabinets	Suite J-101	11,755

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

Table 1: Tenant List		
Tenant Name	Space No.	Square Footage
HVAC Tech	Suite B-401	11,212
Insure One	Suite B-306	6,990
J & J Woodwork	Suite N-102, Suite A-301	13,464
KFR, Inc.	Suite J-102, Suite A-100	8,500
Raani Corporation	Bldg A-400, 401, Bldg B East-102 & B-400, Bldg B-301, 302, 307, Bldg D-100 & Bldg E-100, B-402, C-401, C-400	219,799
Retail One	Suite M-101, Suite N-100	48,636
Richmond Asset Management	Suite A-200	4,592
Smith Power Transmission	Suite B-201	2,000
Union Cartage Company	Suite C-102	12,284
U.S.A. Displays	Suite J-103, Suite K-101, 102	32,884
Wal-Mart Stores #1938	Suite K-100	49,675
Woodland Cabinets	Suite L-101	12,541
Vacant Spaces	Suite A-200, 300, 301, Suite B-200, 300, 303, 304, B-4 th Floor, Suite C-100, 200, 201, 300, 301, Suite D-101, Suite E-101, 200, 200 Ext., 201, Suite J-105, Suite M-100, Suite N-100	409,392

The site building is approximately 60% occupied. No manufacturing operations are currently conducted on-site with the exception of Raani Corporation. Raani Corporation is a manufacturer of shampoo, deodorant, and other health and beauty products. Raani Corporation currently stores approximately 1,900 chemicals on-site. Please refer to Section 2.5 of this report for addition information regarding Raani Corporation.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

2.1.2 Descriptions of Structures, Roads, and Other Site Improvements

Exterior Building Description

The exterior of the site building consists of brick, concrete block, and metal siding constructed atop a concrete slab on-grade foundation. The building consists of thirteen sections constructed at various times. No below grade levels are located on-site with the exception of a pipe chase (tunnel for utility piping).

Interior Building Description

Interior walls within the offices are finished with painted drywall systems, exposed brick, or concrete block. Interior floors within the offices are finished with carpet, linoleum, ceramic or various size floor tiles, or exposed concrete. Ceiling finishes with the offices consists of various sizes of ceiling tiles or painted drywall systems. Interior walls within the warehouse spaces are unfinished and interior floors are exposed concrete. Ceiling finishes consist of exposed corrugated metal roofing. Fluorescent lighting was observed throughout the site building.

Heating, Ventilation, and Air-Conditioning (HVAC)

The building is heated with steam heat provided by two gas-powered boilers. Individual air conditioning units provided air-condition to tenants.

Utilities

According to Mr. Mike Jonika, natural gas is provided to the site and surrounding area by Nicor. Electrical service is provided to the site by ComEd. Water and sanitary sewer services are provided to the site by the Village of Bedford Park. The Village of Bedford Park uses treated Lake Michigan water as a source for potable water.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

Roads and Other Site Improvements

Asphalt pavement is present on-site in paved parking areas on the north and south sides of the site building. An asphalt paved drive is located to the east of the site building as an access road to the southern portion of the property. Gravel areas are also located to the south of the site building. Railroad spurs are located on-site to the south of the site building. No additional site improvements were noted.

In general, railroads are a source of potential impact from creosote (a potentially hazardous chemical applied to treat railroad ties) or spillage and/or leakage from transporting various materials, as well as railroad maintenance activities. However, ATC observed no evidence of environmental impairment (staining, spilling, distressed vegetation) associated with the on-site railroad spurs.

2.2 Physical Site Setting

2.2.1 Topography

The topography of the site and surrounding area is relatively flat. The *Berwyn, Illinois 7.5 Minute Series Topographic Quadrangle* (1993) indicates that the ground surface at the site has an average elevation of approximately 615 feet above mean sea level (MSL).

2.2.2 Surface Water

Surface water runoff at the site is expected to flow into on-site storm drains located throughout the surface parking areas, and eventually discharge into the municipal sewer system.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

Seven sump pumps are located throughout the site building. According to Mr. Joniak, the pumps are checked in-house on a monthly basis and serviced by Eckhart Pumps as needed. Based on this information, the on-site sump pumps do not represent an environmental concern to the site.

2.2.3 Subsurface Literature Review

Based on ATC's review of the United States Department of Agriculture (USDA) Soil Conservation Service *Soil Survey of DuPage and Part of Cook Counties, Illinois* (May 1979), the surficial soils (upper five feet) in the vicinity of the Property are identified as Urban Land Complex. The Urban Land Complex consists of land covered by pavement and buildings (i.e., more than 85 percent). Paved areas are mostly parking lots that surround shopping centers, industrial plants, and other commercial areas. Most areas are nearly level to gently sloping because of extensive grading and smoothing. Urban Land is so modified by cuts and fills for works and structures that identification of the soil is not feasible. Runoff is generally very rapid on Urban Land, and available water capacity is very low. Most paved areas are designed to lead runoff into storm drainage systems. Where drainage is diverted to adjacent soils, the additional runoff generally causes severe erosion. In addition, the increased runoff from paved areas aggravates flooding. Vegetation consists mainly of grassed borders and widely spaced trees and shrubs.

According to the Illinois State Geological Survey (ISGS) *Surficial Geology of the Chicago Region* (1970) the native subsurface deposits in the site vicinity are identified as Lake Plain. This type of substratum is characterized by floors of glacial lakes flattened by wave erosion and by minor deposition in low areas; largely underlain by glacial till; thin deposits of silt, clay, and sand of the Equality Formation are present locally. According to the ISGS *Geologic Map of Illinois* (1967) and the *Illinois Buried Bedrock Map* (1994), bedrock in the vicinity of the subject property consists of Silurian-aged dolomitic

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

limestone, which would be expected to be encountered at an approximate depth of 110 to 120 feet below ground surface (bgs).

2.2.4 Hydrogeology

Based on ATC's interpretation of the USGS topographic map, groundwater is anticipated to flow from the east to the west towards the Chicago Sanitary Ship Canal, which is located approximately two miles west of the Site. Estimated groundwater levels and/or flow direction(s) may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or dewatering operations, and can be more accurately determined through the installation of groundwater monitoring wells.

It should be noted that local geologic features may cause local groundwater flow direction to differ from the regional flow direction. Estimated groundwater levels and/or flow direction(s) may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or dewatering operations. A complete hydrogeologic investigation would be necessary to determine groundwater flow direction.

2.3 Storage Tanks

2.3.1 Underground Storage Tanks (USTs)

According to the EDR the following USTs were formerly located on-site:

UST Table							
Tank No.	Status	Registered Source	Reported EUST	Location	Substance	Capacity (in gallons)	Tank Age (Years)
1	Removed	Yes/EDR, OSFM, and prior reports	No	West of Building A	Gasoline	1,200	38 Years Removed 1999
2	Removed	Yes/EDR, OSFM, and prior reports	Yes, #933025 received NFR in 9/26/94	West of Building F	Diesel	10,000	96 Years Removed 1993

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

UST Table							
Tank No.	Status	Registered Source	Reported UST	Location	Substance	Capacity (in gallons)	Tank Age (Years)
3	Removed – Exempt from Registration	Yes – EDR, Prior Reports, OFSM	No	East of Building A	Alcohol	280	67 Years Removed 1993
4	Removed	Yes, EDR, OFSM, Prior Reports	No	Southeast Corner	Heating Oil	15,000	96 Years Removed 1993
5	Removed	Yes, EDR, OFSM, Prior Reports	No	West of Building G	Kerosene	1,500	38 Years Removed 1993
6	Abandoned in Place	Yes – EDR, OFSM, Prior Reports	No	Courtyard South of Building J	Naphthalene	2,500	68 Years Abandoned in Place in 1994
7	Removed	No – Prior Reports	No	Estimated to be in the North Courtyard	Not Reported	Not Reported	Unknown
8	Removed	No – Prior Reports	No	Estimated to be in the North Courtyard	Not Reported	Not Reported	Unknown
9	Removed	Yes, EDR, OSM, Prior Reports	Yes, #933025 received NFR in 9/26/94	West of Building F	Gasoline	6,000	96 Years Removed 1993
10 (Refer to as 5A in prior report)	Removed	Yes, EDR, OSM, Prior Reports	No	West of Building G	Kerosene	1,500	38 Years Removed 1993
11	Currently In Use	Yes, EDR, OFSM	No	South of Building K	Gasoline	12,000	Installed November 2003
12	Does Not Exist	Yes, EDR, OFSM	No	N/A	N/A	N/A	Tank never existed on-site

USTs # 2, 3, 4, 5, 9, and 10 (referred to as 5A in prior report) were removed in 1993 and UST # 6 was abandoned in place in 1993. All on-site USTs are discussed in Section 2.7.1 of this report.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

A LUST incident was report during the removal of USTs # 2 and # 9. Both USTs were removed in November of 1993 and were located adjacent to one another west of Building F. Incident #933025 was reported as the result of a release discovered during the removal in 1993. Review of the information provided by EDR for the on-site LUST incident, indicates that the 20-day report was received by the IEPA on December 9, 1993 and a 45-day report was received on January 4, 1994. On September 26, 1994, the IEPA issued the on-site LUST incident a No Further Remediation (NFR) determination. Due to the closed status of this LUST incident, it is considered a *HREC*.

Information obtained from the OFSM and a review of prior reports indicate that USTs # 7 and # 8 do not exist on site. According to information provided by Woodward-Clyde in the UST removal report, the suspected location of USTs # 7 and # 8 was trenched in order to locate the USTs. The USTs were not found and it is assumed the USTs were removed prior to 1993.

A permit for the removal of UST # 1 was submitted to the OFSM on November 6, 1998 and approved on January 6, 1999. A "Log of Underground Storage Tank Removal" indicated the tank was removed on February 26, 1999 and no apparent contamination was observed and groundwater was not contaminated.

According to information obtain from site representatives and the EDR report, one 12,000-gallon gasoline UST (Tank # 11) is currently located on-site. Budget Rent-A-Car (Budget), a current site tenant, uses the gasoline tank for refueling of rental vehicles stored at the site. According to Mr. Howard Bond, Manager for Budget, and information obtained from the OSFM, the UST was installed on December 3, 2003. The tank is a double-walled fiberglass reinforced tank and is monitored by an automatic Veeder-Root monitoring system on both the tanks and associated piping. In addition,

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

automatic shut off devices were installed as overfill protection devices. No problems have been reported in connection with the current 12,000-gallon gasoline UST. Therefore, based on the age of the UST and lack of reported releases, the current on-site 12,000-gallon gasoline UST does not represent an environmental concern to the site.

A permit for the installation of USTs was received and approved by the OSFM on January 7, 2003 for the installation of the UST # 11 (discussed above) and UST # 12 (a 4,000-gallon diesel fuel UST). However, a revised permit for the installation of only UST # 11 was received by the OSFM on September 9, 2003 and approved on September 10, 2003. Based on this information and the information provided in the EDR report, it appears UST # 12 was never installed on-site.

Based on the review of prior reports and regulatory information, the former on-site USTs and the current on-site UST do not represent an environmental concern to the site. However, based on the historical use of the site, caution should be exercised during future site redevelopment activities as the potential exists that unregistered USTs may still be located on-site. In the event that USTs are encountered during future site development activities, the USTs should be properly removed and disposed of in accordance with applicable regulations. An electromagnetic investigation or the installation of test pits may be performed in the general locations suspected of containing USTs based on historical information gathered. These activities may indicate the presence of a UST and possibly impacted soil that could delay development activities if encountered during site excavation procedures.

2.3.2 Aboveground Storage Tanks (ASTs)

No visual evidence (concrete foundations or steel pedestals) that would indicate past or present ASTs was observed on the site during the recent inspection with the exception of the ASTs located in the Budget Rent-A-Car space. Two 500-gallon ASTs were observed

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

in the southeast corner of the Budget tenant space (K-103). These ASTs are used for the storage of fresh oil and used oil. The ASTs are approximately three years old and were observed to be in good condition and no staining was observed in the vicinity of the ASTs. According to Jeff (last name withheld), Maintenance Manger for Budget, the tanks are constructed of double walled steel, which serves as a secondary containment. Based on the observed condition of the ASTs and lack of evidence of staining or leaking, the on-site ASTs do not represent an environmental condition to the property.

2.4 Polychlorinated Biphenyls (PCBs)

PCBs are toxic coolants or lubricating oils used in some electrical transformers, light ballasts, electrical panels, or other similar equipment. PCB content in electrical transformers is grouped into three categories by the USEPA:

<50 ppm	non-PCB
50 - 499 ppm	PCB-contaminated
>500 ppm and greater	PCB transformer

Utility companies often own transformer equipment and typically assume the responsibility for repair or replacement of damaged or leaking units and for required cleanup or remediation activities. Indications of damage or leakage should be immediately reported to the responsible utility company.

ATC observed several electrical substations throughout the site building. The transformers in the substations were not labeled as to their PCB-content; however, no indications of staining or leaking associated with the transformers were observed. The transformers at the Site are owned by ComEd. ComEd is responsible for the maintenance of these units, and categorically claims that all of their existing transformers were retro-filled with "Non- PCB-containing" mineral oil during the mid-1980s, and all their new transformers are manufactured without PCBs. Based on this information and the visual

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

observations, the transformers are not considered an environmental concern to the Site. As a precaution, any leaks from the transformer units should be reported to the responsible utility company (ComEd).

ATC observed several dry-type transformers in the site building. However, dry-type transformers do not contain dielectric coolant oils and are, therefore, not considered suspect sources of PCBs.

Fluorescent lights were observed throughout the site building. Fluorescent light ballasts manufactured prior to 1979 may contain small quantities of PCBs. The light ballasts were not examined for labels identifying the PCB content. However, based on the date of construction for the site building (1920's), the ballasts may be a source of PCBs. No evidence of damage or leaking ballasts was observed. Any unlabeled ballasts encountered during routine maintenance should be disposed of in accordance with applicable regulations.

No additional suspect PCB-containing equipment was observed in the site building.

The site is identified on the Emergency Response Notification System (ERNS) federal database. According to EDR, a release of approximately 20-gallons of PCBs from PCB capacitors occurred at the site on July 18, 1990 during the demolition of an on-site building. The area impacted was approximately 150 square feet. No additional information was available regarding this incident. ATC submitted a FOIA request to the USEPA for additional information regarding this incident. At this time no information has been received. Upon receipt, if items of concern are noted, an addendum to this report will be generated. Based on the lack of information pertaining to the PCB remediation, this release of PCBs to the on-site soil is considered a *recognized environmental condition* to the site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

2.5 Waste Management and Hazardous Substance Handling

Visual observation for the use and/or storage of hazardous substances and petroleum products was performed. The following products were observed throughout the property building:

OBSERVED HAZARDOUS SUBSTANCES				
Type of Material	Quantity & Container Type	Location	Use	Condition
Cutting Oil	One 5-gallon containers	Plumbing Room	Routine Maintenance	Good, no leaks or spills
Furniture Stripper, Mineral Spirits, Lacquer Thinner, Furniture Stain, and paints	Several retail size containers, less than five gallons each with the exception of the Furniture Stripper and Mineral Spirits (two 55-gallon drums)	Keith Furniture Refurbishes (A100)	Furniture Refurbishing	Good, no leaks or spills
Casein	Six 55-gallon drums	AB & D Furniture	Routine Operations	Good, no leaks or spills
Oil	One 55-gallon drum	EJ Metals (L100)	Routine Operations	Good, no leaks or spills
Fresh Oil and Used Oil	Two 500-gallon ASTs	Budget (K103)	Vehicle Repairs and Maintenance for rental cars	Good, no leaks or spills
Grease and Lube	Four 55-gallon drums	Budget (K103)	Vehicle Repairs and Maintenance for rental cars	Good, no leaks or spills
Car Washing Detergent	Three 500-gallon plastic ASTs and four 30-gallon drums	Budget (K103)	Vehicle Repairs and Maintenance for rental cars	Good, no leaks or spills

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

OBSERVED HAZARDOUS SUBSTANCES				
Type of Material	Quantity & Container Type	Location	Use	Condition
Boiler Treatment Chemicals	400-gallon plastic AST	Boiler Room (F100)	Boiler Treatment	Good, no leaks or spills
Paint, Paint Thinner, and Stains	1-gallon to 5-gallon retail size containers	Throughout several tenant spaces	Routine operations	Good, no leaks or spills

The containers on-site appeared to be properly labeled and stored and no indications of staining or leaking were observed. Based on the visual observations, the current on-site chemical storage is not considered an environmental concern to the site.

In addition to the chemicals listed above, Raani Corporation, a manufacturer of shampoo, deodorant, and other health and beauty products, store approximately 1,900 chemicals on-site. The on-site chemicals ranged in size from 1-gallon containers to 55-gallon drums. Chemicals were stored on pallets or shelves and were properly labeled. No indication of staining or leaking was observed in the vicinity of the stored chemicals. Mr. Mike Medina of Raani Corporation supplied ATC with a MSDS sheets for all hazardous chemicals stored on-site. This information can be found in Appendix H of this report. In addition, Raani Corporation is identified on the RCRIS-SQG database. No violations have been reported in relation to Raani Corporation's RCRIS-SQG listing. Based on the lack of reported violations and visual observations, the current on-site chemical storage is not considered an environmental concern to the site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

Budget Rent-A-Car performs routine service on its rental car fleet stored at the site. According to Jeff (last name withheld), Maintenance Supervisor, waste oil is collected once a week by Duke's Oil Service. In addition, used oil filters are reportedly crushed and allowed to drain into waste oil containers until all free oil is removed. After the oil is drained from the filters they are disposed of in recycle bins that are collected by Resource Recovery. Based on visual observations (lack of apparent releases), waste generation, storage, and disposal activities do not represent an environmental concern to the Site.

Municipal solid wastes generated at the site are placed into several dumpsters located throughout the site. Several disposal contractors such as Waste Management, Onyx, BFI, and Groot remove wastes from the site. Evidence of potential chemical contamination or staining was not observed in or near the dumpsters at the time of the site inspection.

Additionally, liquid wastes discharged from the site also include sanitary wastes from on-site washrooms and sinks. These wastes are discharged directly into the municipal sanitary sewer system.

Continental Can, the former occupant of the site, was identified in the regulatory database report as a RCRIS-SQG and a RCRIS-LQG. Review of prior reports identified various chemicals on the site utilized by Continental Can and violations associated with the RCRIS-LQG status. ATC reviewed the following report provided by the IEPA:

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

Preliminary Assessment, Visual Site Inspection, Former Continental Can USA Plant # 5, Bedford Park, Illinois (ILD 000803718), prepared for the USEPA, prepared by B & V Waste Science Technology, dated March 26, 1993.

- Information obtained from this report indicated that Continental Can, former occupant of the site, produced tin cans and tin can parts at the site. Tin shipped to the facility in large coils was cut into 30-inch square sheets and lithographed. The lithography lines coated the tin with colors and organic protectants. Raw material used during the manufacturing process included paints, enamels, varnishes, naphtha, solvents, machine oils, and tins. Wastes were generated and managed at various locations throughout the site building. A former drum storage area was located directly south of Building K. The former drum storage area was classified as a soil waste management unit (SWMU). A RCRA SWMU is one that currently requires or formerly required submittal of a RCRA Part A or Part B permit application. The status of this SWMU was identified as "RCRA clean closed in 1988."

Regulatory History

Continental Can submitted a Notification of Hazardous Waste Activity form on July 30, 1980. In May 1988, a revised application was submitted to reflect a change in the operator to U.S. Can; however, U.S. Can was not conducting manufacturing operations. U.S. Can submitted a closure plan for the former drum storage area (SWMU). The plan was approved and closure activities were inspected on December 1, 1988. The inspection revealed that the closure of the former drum storage area was completed in accordance with the approved closure plan. Continental Can had minor RCRA compliance problems. Most violations, which were observed during IEPA inspections between 1982 and 1987, pertained to deficiencies in paperwork, such as inspection records, training records, waste analysis and contingency plans. Violations were corrected on follow-up inspections.

Based on the review of the prior report and the nature of the violations reported at the facility (record keeping), the RCRIS-SQG and the RCRIS-LQG status of the former on-site tenant do not represent an environmental concern to the site.

2.6 ASTM Non-Scope Considerations

2.6.1 Asbestos-Containing Materials (ACMs)

Typical building materials that contain asbestos are found in a variety of types and uses. Frequently encountered types of ACMs used in building construction include floor tile, sheet flooring, mastic, ceiling tile, spray-applied acoustical/decorative ceiling materials, plaster, wallboard and wallboard joint compound, insulation, roofing and flashing, and many other materials in common use prior to 1978. Materials that contain over one percent asbestos fibers are considered ACMs and must be handled according to Occupational Safety and Health Administration (OSHA) and United States Environmental Protection Agency (USEPA) regulations if disturbed.

ACMs identified as "friable" (capable of being crumbled, pulverized, or reduced to powder by hand pressure) have greater potential for release of fibers to the atmosphere and are, therefore, of greater concern than non-friable ACMs. Friable ACMs that are damaged require renovation or removal and are, therefore, of greatest immediate concern. The site was visually observed for the presence of materials that are suspected to contain asbestos.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

ATC reviewed the following asbestos survey report:

Draft Asbestos Survey Report, Bedford Industrial Center, 5401 West 65th Street, Bedford Park, Illinois, prepared by Woodward-Clyde and dated October 1996.

- Woodward-Clyde conducted an asbestos survey of the entire site building in October of 1996. The following materials were determined to contain asbestos:

Thermal System Insulation (TSI) on steam lines;

TSI on water lines and fittings;

TSI on steam and water line fittings;

All TSI located within abandoned boiler room;

TSI on roof drains;

TST on litho ovens;

Electrical insulation;

Linoleum;

9" x 9" floor tile and mastic;

12" x 12" floor tile and mastic;

Corrugated cement panels;

Corrugated roofing panels.

In addition Woodward Clyde assumed the following material were asbestos containing: Flange and sheet gaskets, vibration cloth (air handling equipment) and laboratory counter tops.

Woodward-Clyde concluded that the condition of all ACM was identified as fair to good and all ACM should be included in an Asbestos Management Plan.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

ATC conducted a limited visual asbestos screening to identify suspect ACM within the site building. However, no bulk samples were collected per the scope of work. Several types of suspect ACMs were identified in the site building, and include vinyl floor tile and associated mastic, ceiling tiles, roofing materials, drywall and associated tape/joint compound, plaster, thermal system insulation, boiler insulation, and baseboard mastic. The suspect ACMs noted on site were in good condition at the time of the site visit with the exception of the boiler insulation located in the abandoned boiler room. The materials in good condition are not considered an immediate environmental concern.

It should be noted that this was a limited screening survey, and generally no attempts were made to locate or observe inaccessible areas (such as crawl spaces, pipe chases, false ceilings, roofs, attics, etc.) or to uncover hidden materials in the building. If the building components become damaged or prior to any demolition or renovation activities, a more in depth evaluation should be conducted. This would typically include a comprehensive asbestos survey with bulk sampling and laboratory analyses, a review of building construction documents and information available from manufacturers of the various materials, or a combination of these.

The manufacture and import of miscellaneous materials, such as vinyl floorings, mastics, roofing materials, drywall, etc. which may contain asbestos, have not been prohibited by the EPA. As a result, buildings built after 1981 may have been built with materials that may contain asbestos. Future replacement materials in existing buildings should also be checked for the presence of asbestos prior to installation in the building during renovation projects.

Based on the results of ATC's limited investigation and the review of prior reports, ATC recommends that prior to demolition or renovation activities, a comprehensive asbestos

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

inspection should be performed at the Property. If asbestos is detected, applicable local, state and federal regulations, pursuant to demolition/renovation, should be followed. In the absence of analytical verifications, the suspect ACMs should be assumed to contain asbestos and managed according to federal, state and local regulations.

2.6.2 Mold

Microbial growth (e.g., mold or fungus) on building materials may occur when excess moisture is present. Porous building materials such as gypsum board, insulation in walls and ceilings, and carpeting retain moisture and become microbial growth sites if moisture sources are not controlled or mitigated. Potential sources of moisture include rainwater intrusion, groundwater intrusion, condensation on cold surfaces, and water leaks from building systems (e.g., plumbing leaks, HVAC system leaks, overflowing drains, etc.). Inadequate ventilation of clothes dryers and shower stalls may also result in excess moisture conditions. Microbial growth may be clearly visible (e.g., ceramic tile mortar in shower stalls) or may be concealed with no visible evidence of its existence (e.g., inside wall cavities).

On October 13, 2004, ATC conducted a limited visual survey for the presence of microbial growth at the site. Destructive sampling was not included in the scope of work for this survey. The assessment consisted of gaining entry to interior spaces, visually evaluating the accessible areas including the interiors of cabinets, closets, storage rooms, and vents using a flashlight for supplemental lighting.

No visual evidence of suspect microbial growth was observed by ATC during the site visit. However, an area of sustained roof leaks was observed in the hallway area of Building N. Due to the height of the ceiling, ATC was unable to observe any suspect microbial growth. According to Mr. Mike Joniak, Richmond Asset Management, roof repairs are currently being scheduled. ATC recommends that the water intrusion issues be

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

resolved in order to avoid future mold growth and that any observed mold growth be remediated in accordance with applicable guidance documents pertaining to the remediation of mold growth in commercial buildings.

2.6.3 Wetlands

According to the United States Fish & Wildlife Service (USFWS) National Wetlands Inventory (NWI) Map, *Berwyn, Illinois* Quadrangle, dated 1981, no wetland areas are located on the site.

2.6.4 Flood Plains

ATC attempted to review the Federal Emergency Management Agency (FEMA), Flood Insurance Rate Map (FIRM), Community Panel Number 17031C0495F, to locate the flood zone designation for the site. Based on the review of the FIRM Map Index, the panel number that contains the site is not printed by FEMA. According to Ms. Anna Pudlo of the FEMA Map Service Center, specific panels are not printed based on the fact that these areas are "not prone to high flooding." Based on this information and ATC's review of the FIRM Map Index, the site does not appear to be located within a floodplain.

2.6.5 Radon

Radon is an odorless, radioactive gas that occurs naturally in soil, rock and building materials. It results from the natural radioactive decay of radium. In outdoor air, radon is generally diluted to such low concentrations that it is usually not of concern. In enclosed spaces, such as homes or offices, radon can accumulate and pose an environmental concern. Indoor levels of radon depend on a building's construction and the concentration of radon in the underlying soil and rock. High radon levels are commonly associated with areas near foothills and above granitic rock. According to information provided by the regulatory database report, the site is located in Zone 2, where the predicted average radon screening level is between 2 picoCuries per liter (pCi/L) and 4 pCi/L. A radon

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

concentration greater than 4 pCi/L is considered elevated. Additionally, the regulatory database report indicates that the average indoor radon concentration of 261 sites tested within Cook County was 2.8 pCi/L. Based on information provided by the regulatory database report and the commercial use of the site building, radon is not considered an environmental concern to the site at this time.

2.7 User Provided Information

Walton Street Capital, LLC has reported no specialized knowledge regarding valuation reduction for environmental issues associated with the site.

2.7.1 Previous Assessments

Walton Street Capital, LLC provided previous environmental assessments for ATC to review, as discussed below. Copies of the text and pertinent appendices of these previous assessments are located in Appendix G.

UST Removal Report, W65 Industrial Park, 5401 West 65th Street, Bedford Park, Illinois, prepared by Woodward-Clyde Consultants (WCC), dated April 1994.

- This report documents the removal of six USTs and the abandonment of one UST. One UST was still in use at the time of the production of this report. The removal of the six USTs and abandonment of one UST took place in November of 1993. Mr. Aaron Siegler of the Office of the State Fire Marshal (OFSM) was present during the UST removal. The following describes the individual status of each UST:

UST No. 1

UST one was located on the northern portion of the property. The tank was used as an emergency back-up generator fuel source and was not removed at this time.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

UST No. 2

UST two was located in the southern central portion of the site. The tank was a 10,000-gallon diesel fuel UST. UST nine was adjacent to the west of UST two. During the removal of UST two, evidence of a release was observed. The backfill material and the soil island between UST 2 and 9 were visibly stained and a petroleum odor was present. Based on visual observations, a LUST incident was reported.

UST No. 3

UST three was located in the north courtyard, south of West 65th Street. The tank was 280-gallons and contained alcohol. The age of the tank was unknown and the condition was poor. No product or sludge were present prior to tank cleaning. After the removal of UST 3, no visual evidence of contamination was present. No further action was required and the OSFM representative rated the UST removal as "clean." Closure samples were collected from the walls of the excavation area.

UST No. 4

UST four was located at the southeast corner of the property. UST four was a 15,000-gallon tank and contained #6 fuel. After the removal of UST 4, no visual evidence of free product was present in the excavation area. The OSFM representative rated the UST removal as "clean." Closure samples were collected from the walls and floor of the excavation area.

USTs No. 5 and 5A

UST 5 and 5A were located on the western border of the site. Only UST 5 was registered before removal. During excavation of UST 5, UST 5A was discovered. Both USTs were 1,500 gallons and contained kerosene. After the removal, no visual evidence of a release was observed. Closure samples were collected from the walls of the excavation area.

UST No. 6

UST 6 is located in the northern portion of the site building, in an interior courtyard. UST 6 is a 2,500-gallon UST that contained naphthalene. The age of the tank is unknown. It was believed that the tank is located under the south wall of the courtyard and has a high voltage line laid off the top of the tank. Because of these factors, UST 6 was abandoned in place. Prior to the abandonment, concrete around the UST manhole was excavated. Two soil samples were collected through the bottom of the tank. The soil samples had limited visual contamination. An application for a permit to abandon in place was submitted to the OSFM on December 16, 1993. The permit was approved on March 7, 1994 and the UST was abandoned in place on March 24, 1994.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

UST No. 7 and No. 8

UST 7 and 8 were estimated to be in the north courtyard, south of the north transformer (based on a review of historical blue prints). A trench along the western portion of the courtyard was installed to locate the USTs. Only UST 3 were found during trenching. WCC concluded that if UST 7 and 8 had previously existed on-site, the USTs must have been removed.

UST No. 9

UST 9 was located in the south central portion of the site (adjacent to UST 2). UST 9 was a 6,000-gallon gasoline UST. This UST had been improperly abandoned and filling with sand without removing the top of the UST and cleaning the tank. Therefore, the top of the tank was removed and sand disposed of. During the removal of UST 9, evidence of a release was observed. The backfill material and the soil island between UST 2 and 9 were visibly stained and a petroleum odor was present. Based on visual observations, a LUST incident was reported.

The Illinois Emergency Management Agency (IEMA) was contacted of November 19, 1993 and the petroleum release from USTs 2 and 9 were reports. IEMA Incident # 933025 was assigned to the site.

45-Day Report, W65 Bedford Park Associated, 5401 West 65th Street, Bedford Park, Illinois, IEMA No. 933025, prepared by WCC dated January 1994.

- The purpose of this report was to present UST and site information, release information, and a site map required for the 45-day report.

Site Classification Report for W65 Industrial Park, 5401 West 65th Street, Bedford Park, Illinois, LPC #0310125147, LUST Incident No. 933025, prepared by WCC and dated August 1994.

- This report describes the site classification activities for the site. The objective of the site classification is to classify the site geology according to criteria presented in proposed 35 Ill. Adm. Code (IAC) 732.307(d), Method Two for Physical Soil Classification. Based on the results of the site classification study, WCC recommended that the site be given a "No Further Action" classification.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

2.7.2 Title Records

No chain-of-title information was provided for ATC's review during this Phase I ESA. Additionally, a chain-of-title search was outside the scope-of-work for this Phase I ESA. Furthermore, the prior environmental reports did not include a chain-of-title search.

2.7.3 Environmental Liens and Site Use Limitations

Walton Street Capital, LLC nor the property owner has reported the existence of environmental liens encumbering the site.

2.7.4 Reason for Performing Phase I ESA

ATC understands that Walton Street Capital, LLC are planning to purchase the site. The purpose of this assessment therefore, is so that Walton Street Capital, LLC will be able to qualify for the innocent landowner defense to CERCLA liability. In addition to satisfying one of the requirements to qualify for the innocent landowner defense to CERCLA liability, another reason for performing this Phase I ESA includes the need to understand potential environmental conditions that could materially impact the operations associated with the site.

3.0 ADJOINING LAND USE

3.1 Current Use of Adjoining Properties

The area surrounding the site consists primarily of light industrial and residential properties. Specifically, the site is bordered to the north by 65th Street followed by single family residences and a parking lot; to the south by a rail yard; to the east by (from north to south) 5321 West 65th Street (KA Cabinets), 6530 Lorel Avenue (A & A Distributing), and a vacant industrial building (5331 West 66th street); and to the west by 5555 West 65th Street (Iko Chicago, Inc.).

One east adjacent property (identified as Viking Metal in the regulatory database report) located at 5321 West 65th Street is listed in the regulatory database report as RCRIS-LQG and a UST facility. This facility is registered as having one 2,000-gallon diesel fuel UST with a "exempt from registration" status. This facility is not listed as having a reported LUST incident. No violations were found for this facility's RCRIS listing. Based on the lack of violations and reported releases, this adjacent facility represents a low potential environmental concern to the site.

A second east adjoining property (identified as Barton Chemical Corporation in the regulatory database report) located at 5331 West 66th Street is listed on the UST database, the RCRIS-LQG database, the CERC-NFRAP database, and the SRP database. This facility is identified as having a 1,000-gallon diesel fuel UST with a "removed" status. No LUST incidents have been reported for this facility. No violations have been reported for this facility in relations to its RCRIS-LQG status. This facility is also identified on the CERC-NFRAP database. The preliminary assessment was preformed on September 8, 1986 and the site inspection was performed

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

on December 31, 1986. The site was archived on August 19, 1993. In addition, the facility was identified on the SRP database. This facility was enrolled in the SRP program on December 18, 1998. A No Further Remediation (NFR) determination had not been issued to this facility. Based on this information, ATC recommends conducted a file review of this facility to determine its impact on the site.

The west adjoining property, 5555 West 65th Street (identified as the Douglas Building in the regulatory database) is identified as a UST facility. This facility is listed as having four USTs with unknown capacities and product stored. All four tanks are listed as inactive with a "permanently out of use status." No LUST incidents have been reported for this facility. Based on the lack of reported releases, this adjacent facility represents a low potential environmental concern to the site.

3.2 Historical Use of Adjoining Properties

Historical research indicates that the adjoining properties were developed between 1925 and 1950 and have been consistently occupied by industrial and manufacturing businesses.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

4.0 SITE HISTORY AND RECORDS REVIEW

In an effort to identify historical practices or conditions, which may have impacted the site, past land uses were investigated through a review of historical building department records, interviews with present site representatives, and a review of aerial photographs. Regulatory records were also reviewed to determine if the site or other facilities within the minimum search distance of the site are or have been, subject to regulatory action by federal, state, or local environmental agencies.

4.1 Historical Use Information

ATC researched prior use of the site back to 1925 through readily available, practically reviewable record sources. Historical research indicates that the site was developed with an industrial building in the 1920's. The site building was reportedly constructed in 1920's with additions to the structure in 1925, 1926, 1928, 1936, 1941, 1942 and 1960. The entire site building was constructed by 1960. The sole occupant of the site building from the 1920's to approximately 1978 was Continental Can Company. After 1978, several industrial tenants have occupied the site building.

The site has been used for heavy industrial/manufacturing purposes that involved the use and storage of hazardous materials and the generation of hazardous wastes since the 1920's. Therefore, the potential subsurface impact stemming from the historical site use constitutes a REC.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

4.1.1 Aerial Photography

In an effort to determine historical land use that may have involved the storage, use, or generation of hazardous substances, ATC reviewed historical aerial photographs for the site and surrounding areas. Aerial photographs dated 1951, 1963, 1972, 1988 and 1994 (various scales) were reviewed and/or obtained from Environmental Data Resources, Inc. (EDR). A copy of the 1951 and 1994 aerial photographs are included in Appendix B.

The 1951 and 1963 aerial photographs (scale 1" = 750') depict the site as developed with the current site building. It appears that several railroad spurs are also located on-site. The southern portion of the site appears to be used as a storage/staging area for truck trailers or rail cars. The north adjoining property is depicted as residential to the northwest and the remainder of the north adjoining property is a surface parking lot. The south adjoining property is depicted as a large rail yard. The east adjoining property is depicted as developed with two-commercial/industrial building. The west adjoining property is depicted as developed with an industrial building. 65th Street is depicted to the north of the property.

The 1972 (scale 1" = 750'), 1988 and 1994 aerial photographs (scale 1" = 833') depict the site, north, south and west adjoining properties in the same general configuration as in the 1963 aerial photograph. The east adjoining property is developed with four commercial/industrial buildings.

Based on the review of aerial photographs, the site had been developed with the current structure since at least 1951. In addition, the adjoining properties have been developed since at least 1951. No items of environmental concern, such as landfills or dumping, were observed during the review of historical aerial photographs.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

4.1.2 Sanborn Fire Insurance Maps

A search for fire insurance maps for the Property and surrounding area was conducted by EDR. Please note, the south adjoining property is not depicted in these sanborn maps. The following are descriptions and interpretations from the fire insurance map reviews:

1925: The western portion of the site is developed with the current site building. The site building is identified as the Continental Can Company Clearing Plant. Several railroad spurs are also located on the western portion of the site. A heating plant is located on the southwest portion of the site. The eastern portion of the site is undeveloped. The north adjoining property is depicted as vacant. The northern portion of the east adjoining property is developed with an industrial building identified as the Lake Shore Oil Company. Three oil tanks (unknown capacity), three gasoline tanks (unknown capacity), and a 5,000-gallon gasoline tank are associated with this property. The southern portion of the east adjoining property is developed with an industrial building identified as Central Brake Shoe and Foundry Company. The northern portion of the west adjoining property is developed with an industrial building identified as Roll Paper Company, Inc. The southern portion of the west adjoining property is developed as an industrial property identified as H.L. Brumgardner Corporation.

1949: The 1949 Sanborn Map only depicts the western portion of the site. The site appears to be developed in the same general configuration as in the 1925 Sanborn Map with the exception of an addition being added to the original structure. The steam pipe tunnel is shown on the southern portion of the site extending from the heating plant to the main building. The site building is still occupied by Continental Can Company. The northern most portion of the building is used as the "tin plate storage and factory

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

and the warehouse." The central portion of the site building is identified as the "shipping shed." The eastern and western portions of the site building are used for "can storage." The west adjoining property is the only adjoining property depicted on this ap and it appears in the same general configuration as in the 1925 map.

1950: The 1950 Sanborn Map depicts the site as developed with the majority of the current site building. The site building is identified as occupied by the Continental Can Company. The western portion of the site building appears in the same general configuration as in the 1949 map. The eastern portion of the site building is developed with the current structure. This portion of the building is identified with a "stripping room," a "lacquer building," "lithographing," and "storage and loading." Several rail spurs are located throughout the entire site. The north adjoining property is depicted as residential and as a parking lot. The northern most east adjoining property is depicted in the same general configuration as in the 1925 map. Approximately ten oil and gas tanks are still depicted on this east adjoining property. The central portion of the east adjoining property is developed with a small industrial building identified as W. Ho. Private Garage. The southern most east adjoining property is developed with an industrial building identified as the American Brake Shoe Company. The west adjoining property is developed with an industrial building that appears to be connected to the site building.

1975: The entire site appears in the same general configuration as in the 1950 map. The north adjoining property appears in the same general configuration as in the 1950 map. The entire east adjoining property appears in the same general configuration as in the 1950 map. However,

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

the gas and oil tanks associated with the northern most east adjoining property are not depicted on this map and the building is identified as Superior Graphite Company. In addition, the southern most east adjoining property is identified as the Barton Chemical Company (manufacturer of laundry bleach). Five caustic soda tanks and a chlorine tank car are associated with this property. The west adjoining property is developed with a larger industrial building and it is also identified as the Continental Can Company.

1987: The site and all adjoining properties are depicted in the same general configuration as in the 1975 map. Please note, a comment on this map indicated that this map had not been revised since 1966.

1989: The site and all adjoining properties are depicted in the same general configuration as in the 1987 map. Please note, a comment on this map indicated that this map had not been revised since 1966.

1992: The site and all adjoining properties are depicted in the same general configuration as in the 1987 map. Please note, a comment on this map indicated that this map had not been revised since 1966.

Review of the Sanborn Maps revealed that the site and adjoining properties were developed by 1925 and have consistently been occupied by industrial and manufacturing businesses.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

4.1.3 Historical City Directories

Research regarding the availability of historical city directories dating from 1973 to 1998 was conducted by ATC at the Oak Lawn Public Library. The following are descriptions and interpretations from the historical city directory review.

1973: Continental Can Company

1978: All Points Distribution Center and Continental Can Company

1983: AAM Inc., Continental Clearing, Continental Group Tool and Die, HEPCO Manufacturing, NSM Industries, Shetland Properties, Union Cartage Company, and Worth Steel and Machine.

1988: Art Wire Works, Avlon Industries, Beauty Ease Products, Communication Components, Continental Can Packaging, Display Aids Inc., HEPCO Manufacturing, Jason Storage and Distribution, Jervon Manufacturing, Master Screen and Print, NSM Industries, Oak Ridge Displays, Raani Corporation, Shetland Properties, Union Cartage Company, and Worth Steel and Machine.

1993: Art Wire Works, Avlon Industries, Glass Tempering, Groko Pallets, H & S Sales, Harbil, Inc., Islamic Food Counsel, Midwest Tool and Machine, Railway Development Corporation, Smith Power Transmission and Universal Laminating.

1998: AB & D Custom Cabinets, Affirm Hair Products, BioCare Labs, Embroidery Center, Exhibit Tech, Keith Furniture Refurbishing, Lustro Plastics and Raani Corporation.

Review of the city directories revealed that the site and adjoining properties were developed by 1973 and have consistently been occupied by industrial and manufacturing businesses.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

4.1.4 Township Assessor's Office Information

According to the Cook County Tax Assessor's office website, the site is identified with Parcel Identification Numbers (P.I.N.s) 19-21-113-014 through 016, 019 through 022, 030, 033 and 19-21-114-002. Information obtained from the Cook County Assessor's Office indicated the on-site building was developed at various times and ranges in age from 17 to 84 years old. A copy of the information obtained from the Cook County Tax Assessor's website is included in Appendix E.

4.1.5 Additional Historic Record Sources

Historical USGS Topographic Map

The historical *Berwyn, Illinois Topographic Quadrangle*, dated 1963 (photorevised 1972 and 1980), identifies the site and the adjoining properties developed with the current structures.

4.1.6 Building Department Records

According to information located on-file at the Bedford Park Building Department, an application for a permit to remove several USTs was submitted to the OSFM on October 12, 1993. Please refer to Section 2.7.1 for information regarding the UST removals. No additional environmentally significant information was provided in the Bedford Park Building Department files.

4.2 Standard Environmental Record Sources

A review of databases and files from federal, state, and local environmental regulatory agencies was conducted to identify use, generation, storage, treatment or disposal of hazardous materials and chemicals, or release incidents of such materials, which may impact the site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

The federal and state environmental database information was provided to ATC by Environmental Data Resources, Inc. (EDR). A complete copy of the regulatory review is included in Appendix D. It should be noted that the database report includes several non-ASTM databases, which are not discussed in the following sections, as they are considered beyond the scope of work for this assessment.

Please note that the potential for the facilities identified by the database review to environmentally impact the site was evaluated solely on the distance and presumed topographic orientation (with respect to groundwater flow) of each facility relative to the site. Furthermore, the presumed topographic orientation of each facility was determined solely by a review of available USGS topographic quadrangle maps. No attempt was made to verify the actual groundwater flow or to access regulatory agency files regarding the identified facilities, as this was beyond the scope of work for this project.

The database report included a section entitled "Unmappable Sites." The locations of the facilities listed in this section cannot be mapped due to incomplete or inaccurate information. ATC reviewed this section and compared the names and addresses (if available) with information generated during the site visit. If a cross-reference could not be made, ATC assumed that the facilities were not within the minimum search distance. Seven such facilities were listed in this section of the report, and were determined to be outside the ASTM search radii.

4.2.1 Federal Records

The federal environmental databases listed below were reviewed to obtain information pertaining to the site and properties within the listed approximate search distance. Also listed are the month and year when the sources or databases were last updated. These databases are maintained by the USEPA.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

Table 1: Federal Database Searched in Regulatory Review		
Federal Database	Search Distance	Last Update
National Priorities List (NPL)	One mile	July 2004
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	One-half mile	May 2004
CERCLIS No Further Remedial Action Planned (NFRAP)	Site and adjoining properties	May 2004
Resource Conservation and Recovery Information System (RCRIS) – for Treatment, Storage, and Disposal Facilities (TSDs) CORRACTS	One mile	June 2004
RCRIS – TSDs, non-CORRACTS	One-half mile	June 2004
RCRIS – for Hazardous Waste Generators (large quantity generators)	Site and adjoining properties	June 2004
RCRIS – for Hazardous Waste Generators (small quantity generators)	Site and adjoining properties	June 2004
Emergency Response Notification System (ERNS)	Target Property	Dec. 2003

Continental Can USA Plant #5, the former occupant of the site, was identified on the RCRIS-LQG and SQG databases, FINDS database, CORRACTS database, and CERC-NFRAP database. Details regarding the Continental Can RCRIS-LQG and SQG listings can be found in Section 2.5 of this report. Continental Can was identified as a CERC-NFRAP facility and a CORRACTS facility on September 26, 1992 and was assigned a low corrective action priority. The preliminary assessment was preformed on March 26, 1993 and archived on December 1, 1995. ATC submitted a FOIA request to the USEPA for additional information regarding these listings. At this time, no information has been received. Upon receipt, if items of concern are noted, an addendum to this report will be generated. Based on the determination that Continental Can is no longer located at the site, and the fact the site was archived in 1995, the former tenant listings represents a low potential concern to the site.

In addition a former tenant Peterson Elastomers Inc., and two current tenants Raani Corporation and Avlon Industries were identified on the RCRIS-SQG database. No violations have been reported for these three tenants. Additional information regarding

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

Ranni Corporation is discussed in Section 2.5 of this report. Based on the lack of reported violations, occupancy status and/or visual observations, the RCRIS-SQG status of these three tenants does not represent an environmental concern to the site. The site is also identified on the ERNS database and details regarding the ERNS incident are discussed in Section 2.4 of this report.

The east adjacent property was identified on the federal databases as a RCRIS-SQG and is discussed in Section 3.0. In addition, two CORRACTS facilities, one RCRIS-LQG facility, and five RCRIS-SQG facilities were identified in the federal databases reviewed within the specified search radii. Based on the distance, presumed crossgradient location and/or currently regulatory status, these facilities do not represent a recognized environmental condition to the site.

4.2.2 State Records

The state environmental databases listed below were reviewed to obtain information pertaining to the site and properties within the listed minimum search distance of the site. Also listed are the month and year when the databases were last updated. Unless otherwise noted, the following records are maintained by the Illinois Environmental Protection Agency (IEPA).

Table 2. State Databases Searched in Regulatory Review		
State Database	Search Distance	Last Update
List of Hazardous Waste Response Sites (SHWS)	One mile	June 2004
Solid Waste Facilities/Landfill (SWF/LF)	One-half mile	October 2003
Leaking Underground Storage Tank (LUST) List	One-half mile	May 2004
Office of the State Fire Marshal (OSFM), Registered Underground Storage Tank (UST) List	Site and adjoining properties	June 2004
Site Remediation Program (SRP)	One-half mile	August 2004
Illinois Waste Management & Research Center (IWMRC), Surface Impoundment Inventory (IMPDMENT)	One-half mile	December 1980
State Category List (CAT)	One mile	June 1997

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

The site is identified on the UST and LUST regulatory databases and is discussed in Sections 2.3.1 and 2.7.1 of this report. Two east adjoining properties and the west adjoining property are listed as UST facilities and are discussed in Section 3.0. One east adjoining property is also identified on the SRP database and is discussed in Section 3.0. In addition, 5 UST facilities, 28 LUST facilities, and four SRP facilities were identified on the state databases within the search distances identified above.

UST Facilities

Based on the distance, presumed crossgradient location and/or currently regulatory status, the UST facilities identified do not represent an environmental condition to the site.

LUST Facilities

Twenty-eight LUST incidents were identified within one-half of a mile from the site. Of these twenty-eight LUST incidents, twenty-seven are located at a distance greater than one-quarter mile from the site. The remaining LUST incident is located approximately 903 feet southeast from the site in a presumed crossgradient location. This facility received a No Further Action/Remediation (NFA/NFR) determination from the IEPA. Based on the current NFA/NFR determinations, this facility is not considered an environmental concern to the site. Based on the distance, and/or relative topographic orientation from the site, the remaining twenty-seven LUST incidents do not represent an environmental concern to the site.

SRP Facilities

Based on the distance (between one quarter-mile and one half-mile), presumed crossgradient location and/or currently regulatory status, the SRP facilities identified do not represent an environmental condition to the site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

4.2.3 Fire Department Records

Information obtained from the Bedford Park Building Department includes all Fire Department records. Please refer to Section 4.1.6 for detail regarding this information.

4.3 Additional Environmental Record Sources

Walton Street Capital, LLC provided ATC with an article from the October 29, 2004 Metropolitan Digest that indicated that Ranni Corporation (a current on-site tenant) was allegedly manufacturing HIV diagnostic kits without a license, using materials that were labeled as containing live samples of the HIV virus. The lab was discovered during a routine fire inspection on October 15, 2004. According to the article, vials labeled as HIV-positive serum were found inside a locked refrigerator. ATC was not made aware of this situation and did not observe evidence of the manufacturing of HIV diagnostic kits during the site reconnaissance. ATC recommends that all appropriate decontamination and cleaning procedures provided by the Center for Disease Control (CDC) be followed.

Illinois Environmental Protection Agency (IEPA)

ATC has submitted a FOIA letter to the IEPA to obtain additional information regarding the on-site LUST incident. Pertinent information obtained from the IEPA is documented throughout this report.

Office of the State Fire Marshal (OSFM)

ATC has submitted a FOIA letter to the OSFM to obtain additional information regarding the on-site USTs. Pertinent information obtained from the OSFM is documented throughout this report.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

United States Environmental Protection Agency (USEPA) Region V

ATC has submitted a FOIA letter to the USEPA Region V to obtain additional information regarding the on-site database listing. At this time, no information has been received. Upon receipt, if items of concern are noted, an addendum will be generated.

4.4 Interviews

ATC interviewed the Mr. Mike Joniak, Property Maintenance Manager for Richmond Asset Management, site tenant representatives, and various local regulatory agency representatives during the course of this assessment. Pertinent information gathered from these interviews is documented throughout this report.

5.0 FINDINGS AND OPINIONS

ATC has performed a Phase I ESA of the site in general accordance with the scope and limitations of ASTM Practice E 1527-00. This Phase I ESA included a reconnaissance visit to the site, a review of the previously listed available environmental database and related agency information for the site and surrounding properties, interviews, historic city directories, aerial photographs, published geologic information, and other related items. This information was used to evaluate existing or potential environmental impairment of the site due to current or past land use disclosed by this study.

ATC's investigation of the site identified the following *recognized environmental condition (RECs)*:

- **Historical Use of the Site**
The site has been used for heavy industrial/manufacturing purposes, predominately by the Continental Can Company, that involved the use and storage of hazardous materials along with the generation of hazardous wastes since the 1920's. Therefore, the potential subsurface impact stemming from the historical site use constitutes a *recognized environmental condition*.
- **Unregistered USTs**
Information obtained from the OFSM and a review of prior reports indicate that USTs # 7 and # 8 do not exist on site. According to information provided by Woodward-Clyde in the UST removal report, the suspected location of USTs # 7 and # 8 was trenched in order to locate the USTs. The USTs were not found and it is assumed the USTs were removed prior to 1993. However, based on the lack of documentation pertaining to the exact location and possible removal of the USTs, the lack of information regarding the removal of the USTs constitutes a *recognized environmental condition*.
- **Abandoned in Place UST**
UST # 6 is located in the northern portion of the site building, in an interior courtyard. UST # 6 is identified as a 2,500-gallon UST that contained naphthalene. The age of the tank is unknown. It was believed that the tank is located under the south wall of the courtyard and has a high voltage line laid on top of the tank. Because of these

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

factors, UST # 6 was abandoned in place. Prior to the abandonment, a portion of the concrete slab around the UST manhole was excavated. Two soil samples were collected through the bottom of the tank. The soil samples had limited visual contamination. An application for a permit to abandon in place was submitted to the OSFM on December 16, 1993. The permit was approved on March 7, 1994 and the UST was abandoned in place on March 24, 1994. However, based on the presence of this tank and the unknown soil conditions, this UST constitutes a *recognized environmental condition*.

- **On-Site ERNS Incident**

The site is identified on the federal database as an Emergency Response Notification System (ERNS) facility. According to Environmental Data Resources, Inc. (EDR), a release of approximately 20-gallons of PCBs from PCB-containing capacitors occurred at the site on July 18, 1990 during the demolition of an on-site building. The area impacted was approximately 150 square feet. No additional information was available regarding this incident. ATC submitted a Freedom of Information Act (FOIA) request to the United States Environmental Protection Agency (USEPA) for additional information regarding this incident. At this time no information has been received. Upon receipt, if items of concern are noted, an addendum to this report will be generated. Based on the lack of documentation, this release of PCBs to the on-site soil is considered a *recognized environmental condition* to the site. ATC recommends completing a file review of information obtained from the USEPA to determine the extent of PCB contamination located on-site from this incident. If no information is available, subsurface soil sampling for PCB content should be conducted in the area of prior contamination.

- **East Adjoining SRP Facility**

The east adjoining property (identified as Barton Chemical Corporation in the regulatory database report) located at 5331 West 66th Street is listed on the UST database, the RCRIS-LQG database, the CERCLIS-NFRAP database, and the SRP database. This facility is identified as having a 1,000-gallon diesel fuel UST with a "removed" status. No LUST incidents have been reported for this facility. No violations have been reported for this facility in relation to its RCRIS-LQG status. This facility is also identified on the CERCLIS-NFRAP database. The preliminary assessment was performed on September 8, 1986 and the site inspection was performed on December 31, 1986. The site was archived on August 19, 1993. In addition, the facility was identified on the SRP database. This facility was enrolled in the SRP program on December 18, 1998. A No Further Remediation (NFR) determination had not been issued to this facility. Based on this information, ATC considers the east adjoining property to be a *recognized environmental condition* to

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

the site. ATC recommends conducting a file review of this facility to determine its impact on the site, if any.

ATC's investigation of the site identified the following Historical REC:

- **Former On-Site LUST incident**

A LUST incident was reported during the removal of USTs #2 and #9. Both USTs were removed in November of 1993 and were located adjacent to one another west of Building F. Incident #933025 was reported as the result of a release discovered during the removal in 1993. Review of the information provided by EDR for the on-site LUST incident, indicates that the 20-day report was received by the IEPA on December 9, 1993 and a 45-day report was received on January 4, 1994. On September 26, 1994, the IEPA issued the on-site LUST incident a No Further Remediation (NFR) determination. Due to the closed status of this LUST incident, it is considered a *HREC* to the site.

ATC's investigation of the site identified the following notable findings:

- **Former On-Site Underground Storage Tanks (USTs)**

A permit for the removal of UST # 1 was submitted to the OFSM on November 6, 1998 and approved on January 6, 1999. A "Log of Underground Storage Tank Removal" indicated the tank was removed on February 26, 1999 and no apparent contamination was observed and groundwater was not contaminated.

UST # 3 was located in the north courtyard, south of West 65th Street. The UST contained 280-gallons of alcohol. The age of the tank was unknown and the condition was poor. No product or sludge were present prior to tank cleaning. After the removal of UST 3, no visual evidence of contamination was present. No further action was required and the OSFM representative rated the UST removal as "clean." Closure samples were collected from the walls of the excavation area.

UST # 4 was located at the southeast corner of the property. UST # 4 was a 15,000-gallon tank and contained #6 fuel. After the removal of UST 4, no visual evidence of free product was present in the excavation area. The OSFM representative rated the UST removal as "clean." Closure samples were collected from the walls and floor of the excavation area.

UST # 5 and # 10 were located on the western border of the site. Only UST # 5 was registered before removal. During excavation of UST # 5, UST # 5A was discovered. Both USTs were 1,500 gallons and contained kerosene. After the

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

removal, no visual evidence of a release was observed. Closure samples were collected from the walls of the excavation area.

- **UST # 12**

A permit for the installation of USTs was received and approved by the OSFM on January 7, 2003 for the installation of UST # 11 (12,000-gallon gasoline UST) and UST # 12 (a 4,000-gallon diesel fuel UST). However, a revised permit for the installation of only UST # 11 was received by the OSFM on September 9, 2003 and approved on September 10, 2003. Based on this information and the information provided in the EDR report, it appears UST # 12 was never installed on-site.

- **Potential On-Site USTs**

Based on the historical use of the site, caution should be exercised during future site redevelopment activities as the potential exists that un-registered USTs may still be located on-site. In the event that USTs are encountered during future site development activities, they should be properly removed and disposed of in accordance with applicable regulations. An electromagnetic investigation or the installation of test pits may be performed in the locations suspected of containing USTs based on historical information gathered. These activities may indicate the presence of a UST and possibly impacted soil that could delay development activities if encountered during site excavation procedures.

- **Current On-Site UST**

According to information obtained from site representatives and the EDR report, one 12,000-gallon gasoline UST (Tank # 11) is currently located on-site. Budget Rent-A-Car (Budget), a current site tenant, uses the gasoline tank for refueling of rental vehicles stored at the site. According to Mr. Howard Bond, Manager for Budget, and information obtained from the OSFM, the UST was installed on December 3, 2003. The tank is a double-walled fiberglass reinforced tank and is monitored by an automatic Veeder-Root monitoring system on both the tanks and associated piping. In addition, automatic shut-off devices were installed as overfill protection devices. No problems have been reported in connection with the current 12,000-gallon gasoline UST. Therefore, based on the age of the UST and lack of reported releases, the current on-site 12,000-gallon gasoline UST does not represent an environmental concern to the site.

- **On-Site Above Ground Storage Tanks**

No visual evidence (concrete foundations or steel pedestals) that would indicate past or present ASTs was observed on the site during the recent inspection with the exception of the ASTs located in the Budget Rent-A-Car space. Two 500-gallon ASTs were observed in the southeast corner of the Budget tenant space (K-103).

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

These ASTs are used for the storage of fresh oil and used oil. The ASTs are approximately three years old and were observed to be in good condition and no staining was observed in the vicinity of the ASTs. According to Jeff (last name withheld), Maintenance Manager for Budget, the tanks are constructed of double walled steel that serves as a secondary containment. Based on the observed condition of the ASTs and lack of evidence of staining or leaking, the on-site ASTs do not represent an environmental condition to the property.

- **On-Site Railroad Spur**

In general, railroads are a source of potential impact from creosote (a potentially hazardous chemical applied to treat railroad ties) or spillage and/or leakage from transporting various materials, as well as railroad maintenance activities. However, ATC observed no evidence of environmental impairment (staining, spilling, distressed vegetation) associated with the on-site railroad spurs.

- **Raani Corporation; current on-site RCRIS-SQG**

Raani Corporation, a manufacturer of shampoo, deodorant, and other health and beauty products, store approximately 1,900 chemicals on-site. The chemicals stored on-site ranged in size from 1-gallon containers to 55-gallon drums. Chemicals were stored on pallets or shelves and were properly labeled. No indication of staining or leaking was observed in the vicinity of the stored chemicals. Mr. Mike Medina of Raani Corporation supplied ATC with MSDS sheets for all hazardous chemicals stored on-site. This information can be found in Appendix H of this report. In addition, Raani Corporation is identified on the RCRIS-SQG database. No violations have been reported in relation to Raani Corporation's RCRIS-SQG listing. Based on the lack of reported violations and visual observations, the current on-site chemical storage is not considered an environmental concern to the site.

- **On-Site HIV Diagnostics Kit Lab**

Walton Street Capital, LLC provided ATC with an article from the October 29, 2004 Metropolitan Digest that indicated that Ranni Corporation (a current on-site tenant) was allegedly manufacturing HIV diagnostic kits without a license, using materials that were labeled as containing live samples of the HIV virus. The lab was discovered during a routine fire inspection on October 15, 2004. According to the article, vials labeled as HIV-positive serum were found inside a locked refrigerator. ATC was not made aware of this situation and did not observed evidence of the manufacturing of HIV diagnostic kits during the site reconnaissance. ATC recommends that all appropriate decontamination and cleaning procedures provided by the Center for Disease Control (CDC) be followed.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

- **On-site RCRIS Listings**

A former tenant, Peterson Elastomers Inc., and two current tenants Raani Corporation and Avlon Industries were identified on the RCRIS-SQG database. No violations have been reported for these three tenants. Additional information regarding Ranni Corporation is discussed above. Based on the lack of reported violations, occupancy status, and/or visual observations, the RCRIS-SQG status of these three tenants does not represent an environmental concern to the site.

- **Budget Rent-A-Car Hazardous Waste Generation**

Budget Rent-A-Car performs routine service on its rental car fleet stored at the site. According to Jeff (last name withheld), Maintenance Supervisor, waste oil is collected once a week by Duke's Oil Service. In addition, used oil filters are reportedly crushed and allowed to drain into waste oil containers until all free oil is removed. After the oil is drained from the filters they are disposed of in recycle bins that are collected by Resource Recovery. Based on visual observations (lack of apparent releases), waste generation, storage, and disposal activities do not represent an environmental concern to the Site.

- **Former On-Site Tenant Continental Can RCRIS-LQG and SQG Status**

Continental Can, the former occupant of the site, was identified in the regulatory database report as a RCRIS-SQG and a RCRIS-LQG. Review of prior reports identified various chemicals on the site utilized by Continental Can and violations associated with the RCRIS-LQG status. ATC reviewed the following report provided by the IEPA: *Preliminary Assessment, Visual Site Inspection, Former Continental Can USA Plant # 5, Bedford Park, Illinois (ILD 000803718)*, prepared for the USEPA, prepared by B & V Waste Science Technology, dated March 26, 1993. Information obtained from this report indicated that Continental Can, former occupant of the site, produced tin cans and tin can parts at the site. Tin shipped to the facility in large coils was cut into 30-inch square sheets and lithographed. The lithography lines coated the tin with colors and organic protectants. Raw material used during the manufacturing process included paints, enamels, varnishes, naphtha, solvents, machine oils, and tins. Wastes were generated and managed at various locations throughout the site building. A former drum storage area was located directly south of Building K. The former drum storage area was classified as a solid waste management unit (SWMU). A RCRA SWMU is one that currently requires or formerly required submittal of a RCRA Part A or Part B permit application. The status of this SWMU was identified as "RCRA clean closed in 1988."

Regulatory History

Continental Can submitted a Notification of Hazardous Waste Activity form on July 30, 1980. In May 1988, a revised application was submitted to reflect a change in the

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

operator to U.S. Can; however, U.S. Can was not conducting manufacturing operations. U.S. Can submitted a closure plan for the former drum storage area (SWMU). The plan was approved and closure activities were inspected on December 1, 1988. The inspection revealed that the closure of the former drum storage area was completed in accordance with the approved closure plan. Continental Can had minor RCRA compliance problems. Most violations, which were observed during IEPA inspections between 1982 and 1987, pertained to deficiencies in paperwork, such as inspection records, training records, waste analysis, and contingency plans. Violations were corrected on follow-up inspections.

Based on the review of the prior report and the nature of the violations reported at the facility (record keeping), the RCRIS-SQG and the RCRIS-LQG status of the former on-site tenant (Continental Can) do not represent an environmental concern to the site.

- **Former On-Site Tenant Continental Can CORRACTS and CERCLIS-NFRAP Status**

Continental Can USA Plant #5, the former occupant of the site, was identified on the CORRACTS and CERCLIS-NFRAP databases. Continental Can was identified as CERCLIS-NFRAP facility and a CORRACTS facility on September 26, 1992 and was assigned a low corrective action priority. The preliminary assessment was performed on March 26, 1993 and archived on December 1, 1995. ATC submitted a FOIA request to the USEPA for additional information regarding these listings. At this time, no information has been received. Upon receipt, if items of concern are noted, an addendum to this report will be generated. Based on the determination that Continental Can is no longer located at the site and the fact the site was archived in 1995, the former CORRACTS and CERCLIS listings represent a low potential concern to the site.

- **Asbestos Containing Materials**

ATC conducted a limited visual asbestos screening to identify suspect ACM within the site building. However, no bulk samples were collected per the scope of work. Several types of suspect ACMs were identified in the site building, and include vinyl floor tile and associated mastic, ceiling tiles, roofing materials, drywall and associated tape/joint compound, plaster, thermal system insulation, boiler insulation and baseboard mastic. In addition, ATC reviewed a prior asbestos investigation conducted by Woodward Clyde Associates. The following materials were determined to contain asbestos: thermal system insulation (TSI) on steam lines; TSI on water lines and fittings; TSI on steam and water line fittings; all TSI located within an abandoned boiler room; TSI on roof drains; TSI on litho ovens; electrical insulation; linoleum; 9" x 9" floor tile and mastic; 12" x 12" floor tile and mastic; corrugated

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

cement panels; corrugated roofing panels. In addition, Woodward Clyde assumed the following materials were asbestos containing: flange and sheet gaskets, vibration cloth (air handling equipment), and laboratory counter tops. The suspect and confirmed ACMs noted on site were in good to fair condition at the time of the site visit. Based on the results of ATC's limited investigation and the review of prior reports, ATC recommends that prior to demolition or renovation activities, a comprehensive asbestos inspection should be performed at the Property. If asbestos is detected, applicable local, state and federal regulations, pursuant to demolition/renovation, should be followed. In the absence of analytical verifications, the suspect ACMs should be assumed to contain asbestos and managed according to federal, state and local regulations.

- **Roof Leaks and Potential Microbial Growth Identified in Building N**

No visual evidence of suspect microbial growth was observed by ATC during the site visit. However, an area of sustained roof leaks were observed in the hallway area of Building N. Due to the height of the ceiling, ATC was unable to observe any suspect microbial growth on water impacted building materials. According to Mr. Mike Joniak, Richmond Asset Management, roof repairs are currently being scheduled. ATC recommends that the water intrusion issues be resolved in order to avoid future mold growth and that any observed mold growth be remediated in accordance with applicable guidance documents pertaining to the remediation of mold growth in commercial buildings.

- **East Adjoining RCRIS-LQG and UST Facility**

One east adjacent property (identified as Viking Metal in the regulatory database report) located at 5321 West 65th Street is listed in the regulatory database report as RCRIS-LQG and a UST facility. This facility is registered as having one 2,000-gallon diesel fuel UST with a "exempt from registration" status. This facility is not listed as having a reported LUST incident. No violations were found for this facility's RCRIS listing. Based on the lack of violations and reported releases, this adjacent facility represents a low potential environmental concern to the site.

- **West Adjoining UST Facility**

The west adjoining property, 5555 West 65th Street (identified as the Douglas Building in the regulatory database) is identified as a UST facility. This facility is listed as having four USTs with unknown capacities and product stored. All four tanks are listed as inactive with a "permanently out of use status." No LUST incidents have been reported for this facility. Based on the lack of reported releases, this adjacent facility represents a low potential environmental concern to the site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

6.0 CONCLUSIONS

ATC has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-00 of the "Industrial Building" located at 5401 West 65th Street, in Bedford Park, Cook County, Illinois. Any exceptions to, or deletions from, this practice are described in Section 8.0 of this report.

This assessment has revealed the following *Recognized Environmental Conditions (RECs)* in connection with the site:

- **Historical Use of the Site**

The site has been used for heavy industrial/manufacturing purposes, predominately by the Continental Can Company, that involved the use and storage of hazardous materials along with the generation of hazardous wastes since the 1920's. Therefore, the potential subsurface impact stemming from the historical site use constitutes a *recognized environmental condition*.

- **Unregistered USTs**

Information obtained from the OFSM and a review of prior reports indicate that USTs # 7 and # 8 do not exist on site. According to information provided by Woodward-Clyde in the UST removal report, the suspected location of USTs # 7 and # 8 was trenched in order to locate the USTs. The USTs were not found and it is assumed the USTs were removed prior to 1993. However, based on the lack of documentation pertaining to the exact location and possible removal of the USTs, the lack of information regarding the removal of the USTs constitutes a *recognized environmental condition*.

- **Abandoned in Place UST**

UST # 6 is located in the northern portion of the site building, in an interior courtyard. UST # 6 is identified as a 2,500-gallon UST that contained naphthalene. The age of the tank is unknown. It was believed that the tank is located under the south wall of the courtyard and has a high voltage line laid off the top of the tank. Because of these factors, UST # 6 was abandoned in place. Prior to the abandonment, a portion of the concrete slab around the UST manhole was excavated. Two soil samples were collected through the bottom of the tank. The soil samples had limited visual contamination. An application for a permit to abandon in place was submitted to the

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

OSFM on December 16, 1993. The permit was approved on March 7, 1994 and the UST was abandoned in place on March 24, 1994. However, based on the presence of this tank and the unknown soil conditions, this UST constitutes a *recognized environmental condition*.

- **On-Site ERNS Incident**

The site is identified on the federal database as an Emergency Response Notification System (ERNS) facility. According to Environmental Data Resources, Inc. (EDR), a release of approximately 20-gallons of PCBs from PCB-containing capacitors occurred at the site on July 18, 1990 during the demolition of an on-site building. The area impacted was approximately 150 square feet. No additional information was available regarding this incident. ATC submitted a Freedom of Information Act (FOIA) request to the United States Environmental Protection Agency (USEPA) for additional information regarding this incident. At this time no information has been received. Upon receipt, if items of concern are noted, an addendum to this report will be generated. Based on the lack of documentation, this release of PCBs to the on-site soil is considered a *recognized environmental condition* to the site. ATC recommends completing a file review of information obtained from the USEPA to determine the extent of PCB contamination located on-site from this incident. If no information is available, subsurface soil sampling for PCB content should be conducted in the area of prior contamination.

- **East Adjoining SRP Facility**

The east adjoining property (identified as Barton Chemical Corporation in the regulatory database report) located at 5331 West 66th Street is listed on the UST database, the RCRIS-LQG database, the CERCLIS-NFRAP database, and the SRP database. This facility is identified as having a 1,000-gallon diesel fuel UST with a "removed" status. No LUST incidents have been reported for this facility. No violations have been reported for this facility in relation to its RCRIS-LQG status. This facility is also identified on the CERCLIS-NFRAP database. The preliminary assessment was performed on September 8, 1986 and the site inspection was performed on December 31, 1986. The site was archived on August 19, 1993. In addition, the facility was identified on the SRP database. This facility was enrolled in the SRP program on December 18, 1998. A No Further Remediation (NFR) determination had not been issued to this facility. Based on this information, ATC considers the east adjoining property to be a *recognized environmental condition* to the site. ATC recommends conducting a file review of this facility to determine its impact on the site, if any.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

7.0 RECOMMENDATIONS

Based on the results of this assessment, ATC recommends the following:

In the event that USTs are encountered during future site development activities, the USTs should be properly removed and disposed of in accordance with applicable regulations. An electromagnetic investigation or the installation of test pits may be performed in the locations suspected of containing USTs based on historical information gathered. These activities may indicate the presence of a UST and possibly impacted soil from historical manufacturing operations that could delay development activities if encountered during site excavation procedures.

ATC recommends completing a file review of information obtained from the IEPA to determine the extent of PCB contamination located on-site from the ERNS incident. In information can not be obtained from the IEPA, ATC recommends that subsurface soil sampling be performed in the former PCB release area.

ATC recommends conducting a file review of to determine the extent of contamination located on the east adjoining property and its impact on the site, if any.

ATC recommends that all appropriate decontamination and cleaning procedures provided by the Center for Disease Control (CDC) be followed when dealing with the on-site HIV diagnostic kit lab.

The suspect ACMs or PACMs should be maintained under O&M program, by suitably trained personnel, until maintenance or renovation necessitates removal. Asbestos response actions (asbestos inspections, project design, O&M activities, abatement, project management and air sampling) should only be performed by state licensed professionals in accordance with EPA, state health departments and local city/county regulations.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

8.0 LIMITATIONS / EXCEPTIONS

ATC has prepared this Phase I Environmental Site Assessment using reasonable efforts in each phase of its work to identify recognized environmental conditions associated with hazardous substances or petroleum products at the property. The scope-of-work for this Phase I ESA was consistent with the ASTM E 1527. Findings within this report are based on information collected from observations made on the day of the site investigation and from reasonably ascertainable information obtained from governing public agencies and referenced sources.

This report is not definitive and should not be assumed to be a complete or specific definition of all conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other construction purposes. ATC makes no representation or warranty that the past or current operations at the property are or have been in compliance with all applicable federal, state and local laws, regulations and codes.

Regardless of the findings stated in this report, ATC is not responsible for consequences or conditions arising from facts that were concealed, withheld, or not fully disclosed at the time the assessment was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. The report focuses on the property

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

and neighboring properties that could impact the property. Neighboring properties listed in governmental environmental records are identified within specific search distances.

The search distance varies depending upon the particular government record being checked. The regulatory research is designed to meet the requirements of ASTM E 1527. The information provided in the regulatory database report is assumed to be correct and complete unless obviously contradicted by field observation or other reviewed sources.

Subsurface conditions may differ from the conditions implied by the surface observations and can only be reliably evaluated through intrusive techniques.

Reasonable efforts have been made during this assessment of aboveground and underground storage tanks and ancillary equipment. "Reasonable efforts" are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in public record and available information gathered from interviews. Such methods may not identify subsurface equipment that may have been hidden from view due to snow cover, paving, construction or debris pile storage, or incorrect information from sources.

ATC reviewed past ownership of the property in an attempt to determine past site usage. ATC is not a professional title insurance firm and makes no guarantee, explicit or implied, that the records which were reviewed represent a comprehensive or precise delineation of past site ownership or occupancy for legal purposes.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. For these types of evaluations, it is often necessary to use information prepared by others and ATC cannot be responsible for

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

the accuracy of such information. In addition, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties. This report does not warrant against future operations or conditions, nor does it warrant operations or conditions present of a type or at a location not investigated. This report is not a regulatory compliance audit and is not intended to satisfy the requirements of any state, federal, or local real estate transfer laws.

Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. This study is not intended to assess or otherwise determine if any soil contamination, waste emplacement, or groundwater contamination exists. These data are accessible only by subsurface material and groundwater sampling through the completion of soil borings and the installation of monitoring wells. The scope of work, determined by the client, did not include these activities.

Our conclusions regarding the potential environmental impact of nearby, off-site facilities on the site are based on readily available information from the environmental databases and the assumed groundwater flow direction. A detailed file review of each facility was beyond the scope of work. Actual groundwater conditions, including direction of flow, can only be determined through the installation of monitoring wells.

It must be noted that no investigation can absolutely rule out the existence of any hazardous materials at a given site. This assessment has been based upon prior site history and observable conditions. Existing hazardous materials and contaminants can escape detection using these methods. If a higher level of confidence is required than can be defined by the Phase I scope of work, then additional investigation would, of course, be required.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

ATC does not warrant the correctness, completeness, currentness, merchantability, or fitness of any information related to records review provided in this report. Such information is not the product of an independent review conducted by ATC, but is only publicly available environmental information maintained by federal, state, and local government agencies.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

9.0 REFERENCES

Sources of Information

- ASTM, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E 1527-00.

Documents Reviewed:

- Aerial photographs dated 1951, 1963, 1972, 1988, and 1994 were reviewed and/or obtained from EDR.
- Environmental Data Resources, Inc. (EDR), The EDR Radius Map with GeoCheck, inquiry number 1284106.2s, dated October 8, 2004.
- Sanborn Maps No dated 1925, 1949, 1950, 1975, 1987, 1989, and 1992 obtained from EDR.
- United States Geological Survey (USGS) Topographic Map, *Berwyn, Illinois Quadrangle Map, 7.5 Minute Series*, 1963 (photorevised 1972 and 1980) and 1993.
- Federal Emergency Management Agency (FEMA) Flood Insurance Rate (FIRM) Map, community panel #17031C0495F, dated November 6, 2000.
- Illinois State Geological Survey (ISGS), *Geologic Map of Illinois*, dated 1967.
- ISGS, *Buried Bedrock Surface Map of Illinois*, dated 1994.
- ISGS, *Surficial Geology of the Chicago Region*, dated 1970.
- Cook County Assessors Office website (www.cookcountyassessor.com)
- United States Department of Agriculture (USDA) Soil Conservation Service Soil Survey of DuPage and Part of Cook Counties, Illinois, dated May 1972.
- City Directories, Oak Lawn Public Library, 1973, 1978, 1983, 1988, 1993, 1998 and 2004.

Persons/Agencies Contacted:

- Illinois Environmental Protection Agency
- U.S. Environmental Protection Agency Region V
- Office of the State Fire Marshal
- Mr. Mike Joniak, Property Maintenance Manager, Richmond Asset Management
- Mr. Jeff (last name not provided), Budget Rent-A-Car
- Mr. Howard Bond, Budget Rent-A-Car
- Village of Bedford Park

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

APPENDIX A

FIGURES

Figure A-1: Site Vicinity Map

Figure A-2: Site Plan

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

APPENDIX B

PHOTOGRAPHIC DOCUMENTATION

Figure B-1: 1951 Aerial Photograph

Figure B-2: 1994 Aerial Photograph

Site Photographs

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

APPENDIX C
FIRE INSURANCE MAP

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

APPENDIX D
REGULATORY DATABASE REPORT

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Industrial Building
5401 West 65th Street
Bedford Park, Illinois

APPENDIX E
RECORDS OF COMMUNICATION

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

APPENDIX F
PRIOR REPORTS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Industrial Building
5401 West 65th Street
Bedford Park, Illinois

**APPENDIX G
RESUMES**

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Industrial Building
5401 West 65th Street
Bedford Park, Illinois**

**APPENDIX H
SUPPORTING DOCUMENTATION**

**Work Plan for Environmental Investigation
May 2005 prepared by Environ International Corporation**

DRAFT

ENVIRON

May 9, 2005

PRIVILEGED AND CONFIDENTIAL

Thomas J. P. McHenry, Esq.
Gibson, Dunn & Crutcher, LLP
333 South Grand Avenue, 49th Floor
Los Angeles, CA 90071-3197

Re: Work Plan for Environmental Investigation
5401 West 65th Street, Bedford Park, Illinois

Dear Mr. McHenry:

Pursuant to your request ENVIRON International Corporation (ENVIRON) is pleased to provide this Work Plan to conduct additional environmental sampling and analysis of soils and ground water from the Bedford Industrial Center property in Bedford Park, Illinois (the "site"). The site includes 33.9 acres south of W. 65th Street (the "main facility") and 3.6-acre parking lot located just north of W. 65th Street (the "north parking lot"). The Bedford Industrial Center is currently occupied by several industrial and commercial buildings.

Environmental issues were identified in the Phase I Environmental Site Assessment reports (ESAs) dated October 28, 2004 prepared by ATC and February 23, 2005 prepared by PSI, and the Draft Preliminary Phase II ESA report prepared by ATC dated November 30, 2004, provided to ENVIRON by Gibson, Dunn & Crutcher, LLP. These reports identified the areas of potential environmental concern that are presented in Table 1¹. ENVIRON personnel visited the site on January 10, 2005 to observe the locations of the potential environmental issues identified in the ESA reports.

This Work Plan for environmental investigation has been prepared to address the potential environmental concerns raised by the Phase I and Phase II ESAs. The purpose of the proposed work is to provide site information to aid in characterizing the environmental condition of the property and its potential for achieving "No Further Remediation" status from the Illinois Environmental Protection Agency's (IEPA) Site Remediation Program (SRP).

PROPOSED SCOPE OF WORK

Field Work Coordination and Site Meeting

ENVIRON proposes to review available historical site reports in conjunction with the Phase I and II ESAs provided and meet with on-site representatives to determine specific locations areas of potential environmental concern.

¹ Concerns regarding asbestos and mold were also reported, but are not included in the scope of work of this Work Plan.

Soil Investigation

Approximately 30 to 35 soil sampling locations will be chosen within the identified areas of potential environmental concern. Approximate sampling locations are shown on Figure 1. The actual number of borings completed and chemical analyses performed will be determined in the field based on access restrictions and field observations. A soil gas survey is not proposed for the site, as analytical data from soil borings are generally preferred by the IEPA SRP.

Four to five days of sampling are included in this phase of work. The completion of approximately 5 interior borings and 25 to 30 exterior borings at the main facility is anticipated.

The following tasks are included in the soil investigation phase:

- Obtain underground utility information from site representatives at the areas of potential environmental concern and locate soil borings in accessible area (a utility locating service will also be employed);
- Core the concrete floor at interior boring locations where appropriate;
- Conduct sampling of subsurface soils to a depth of approximately 8 feet (or deeper if ground water is not noted) at approximately 30 to 35 locations;
- Log soil types and soil conditions based on field observations;
- Screen soil samples visually and with photoionization detector (PID) for evidence of contamination;
- Collect one to two soil samples per boring for chemical analyses;
- Analyze soil samples for the proposed analytes as outlined in Table 1 which include volatile organic compounds (VOCs), semi-organic compounds (SVOCs), Resource Conservation and Recovery Act (RCRA) metals, PCBs, and herbicides/pesticides; and
- Analyze selected soil samples for organic carbon content (total organic carbon).

Direct-push technology will be used to obtain the soil samples. A truck-mounted sampling unit will be used at the exterior areas. A small cart-mounted sampling unit will be used at the interior boring locations. Soils will be sampled continuously from the ground surface using a 2- or 4-foot long macrosampler with disposable acetate sleeves. Upon completion of sampling activities, the boreholes will be filled with bentonite seal material and then patched with a concrete or asphalt patch. Excess sample materials generated during boring activities, soils and water, will be drummed and left on-site.

The wastes will be profiled for characterization and disposal will be coordinated with the property owner at the completion of the site investigation activity.²

Ground Water Investigation

Since IEPA approval of the site condition may require a ground water evaluation, the installation of seven temporary wells is proposed to allow sampling of site ground water. Four wells will be installed along the property boundaries and three wells will be installed on the interior of the property. Samples from these wells will allow for the determination of whether the ground water has been impacted by site activities.³ The temporary wells shall consist of 1-inch diameter PVC well screens that will be placed in selected boreholes. Ground water samples will be obtained by peristaltic pumping using dedicated tubing. Analysis of one ground water sample from each of the three temporary wells for VOCs, SVOCs, and RCRA metals is included in this Work Plan.

Temporary wells cannot be used to determine ground water gradient or hydraulic permeability. If the site is enrolled in the IEPA SRP, the installation of permanent ground water monitoring wells may be required. Also, if the conditions of the site are such that ground water is not encountered in the upper 12 feet during the soil investigation described above, or if significant soil or ground water contamination is detected, the installation and sampling of permanent monitoring wells may be recommended in a second phase of work.

Geophysical Survey

The objectives of this task will be to attempt to locate any unidentified underground storage tanks (USTs) in the south yard and west of Building A of the site. A geophysical investigation service will be contracted to look for evidence of USTs using include time-domain electromagnetic induction, magnetics, and/or ground penetrating radar methods. The method or methods will be selected by the geophysical contractor based upon site conditions. Prior to conducting the geophysical survey, an equally spaced grid with 10- by 10-foot intervals will be setup (using spray paint) within the south yard. A single measurement will be collected at each grid point using at least one of the above-mentioned instruments. Following the collection of all the grid point measurements, the results will be downloaded into a laptop computer for viewing using a contouring software package. This on-site review of the data will permit the resurveying of a particular area with a different instrument or with the same instrument using a different setting.

If USTs are identified prior to the soil investigation phase, soil borings will be performed in the area surrounding the suspected tank location(s).

²ENVIRON shall not assume any of the waste generator's legal responsibilities under the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901 et. seq. ("RCRA"). ENVIRON shall not be deemed a "generator" or a party who "arranges" for the "transportation," "treatment" or "disposal" of any "hazardous waste" or "hazardous substance." ENVIRON shall be indemnified against any and all claims, in connection with the transportation, treatment, and disposal of hazardous substances or hazardous waste generated at the site.

³ Additional temporary wells may also be installed if the observed soil conditions indicate potential ground water contamination.

PCB Survey (Optional)

If desired, a survey of the property will be conducted to identify any PCB-containing major electrical equipment, such as transformers. This survey will involve conducting a visual inspection of the facility to locate all possible electrical equipment that could potentially be impacted by PCB contamination. If PCBs are suspected to be present in an electrical system, a representative sample will be taken of the system for lab analysis.

REPORTING

A letter report will be provided upon completion of the authorized tasks. This report will contain a description of the subsurface conditions in relation to the contaminants investigated and IEPA Tier 1 Remediation Objectives. Any recommendations for further investigation or analysis would be included, as well as an evaluation of options for pursuing a no-action determination for the areas of potential environmental concern from the IEPA.

PROJECT SCHEDULE

We expect to be able to mobilize to the site within one week of receiving written notice to proceed, dependent upon availability of drilling contractors. An initial site meeting will be required to determine actual boring locations and site access. A check of each location for underground utilities by the owner is required prior to mobilization of the sampling equipment. A utility locating service will also be employed.

The soil sampling is expected to be completed in four to five days. Temporary ground water well installation and sampling will take an additional one to two days. Standard laboratory turn-around time (10 business days) for laboratory sample results is assumed. Rush service is available for an additional fee. This cost estimate assumes the investigation can be performed during regular weekday hours.

COST ESTIMATE

The estimated costs for this proposed scope of work are \$110,000 to \$122,500. Costs for the various tasks are presented below:

Task	Estimated Cost
1. Field Work Coordination and Site Meeting	\$5,000
2. Field Sampling Program	\$35,000
3. Laboratory Analyses ⁴	\$50,000
4. Data Evaluation and Reporting	\$15,000
5. Management of Investigation Derived Wastes	\$5,000
6. PCB Survey (Optional)	\$17,500
COST ESTIMATE (without Task 6)	\$110,000
COST ESTIMATE (with Task 6)	\$127,500

ENVIRON proposes to provide these services on a time and materials basis and will not exceed the above reference amount by more than 10% without receiving written authorization from you. We will keep you informed of the progress of the investigation and, if any unanticipated conditions are encountered, we will

⁴ Analytical costs will be reduced if less than 35 borings are completed.

Thomas J. P. McHenry, Esq.

-5-

PRIVILEGED AND CONFIDENTIAL
May 9, 2005

notify you immediately so that appropriate changes can be made to this scope of work. The work will be conducted in accordance with the currently agreed upon terms and conditions. Additional work may be recommended based upon review of the findings.

If this Work Plan meets your expectations, please provide us with your written authorization by signing this letter where indicated and returning it to us. We appreciate the opportunity to be of service to you, and if you have any questions, please do not hesitate to contact us.

Very truly yours,

ENVIRON International Corporation


Douglas W. Jones, P.E.
Principal


Barbara R. Coughlin, Ph.D.
Senior Manager

P:\GibsonDunnCrutcher\04-13468A DWB\revised bedfordpark workplan 050905.doc

Attachments: Table 1
Figure 1

ENVIRON is authorized with an initial budget of \$110,000 to perform the scope of work outlined in this Work Plan, not including the PCB Survey.

Signature

Date

Name

Title

or

ENVIRON is authorized with an initial budget of \$127,500 to perform the scope of work outlined in this Work Plan, including the PCB Survey.

Signature

Date

Name

Title

Table 1: Areas of Potential Environmental Concern

Area ¹	Area of Potential Environmental Concern	Further Investigation	Potential Contaminants	Proposed Analytes/Comments
1	Building N-100; Former Flammable Liquid Tank Storage, Paint Thinning and Mixing and Drum Storage Area	No	Solvents	Investigated by ATC ²
2	Suspect Vent Pipe on outside wall of Building M	Yes	Gasoline/Oil	VOCs, SVOCs
3	Former UST #4 (15,000-gallon heating oil)	Possibly ²	Heating Oil	Removed in 1993
4	Outside Transformer Yards (North and South yards)	Yes	PCBs	PCBs
5	Budget Rent-A-Car (Two 500-gallon ASTs)	Yes	Oil	VOCs, SVOCs
6	Former Drum Storage Area	Yes	Unknown	VOCs, SVOCs, RCRA Metals, PCBs
7	Former Propane AST area	No	Propane	Propane is a gas and not expect to cause soil and/or ground water contamination
8	Budget Rent-A-Car (12,000-gallon Gasoline UST Area)	No	Gasoline	The UST is currently in use and has had no known releases.
9	Former Combustion By-Products Co. Area	Yes	Slag	SVOCs, RCRA Metals
10	Former Reade Manufacturing Co. (Weed Killer Manufacturing)	Yes	Herbicides, Pesticides	Herbicides, Pesticides, RCRA Metals
11	Former Coal Pit Storage Area for Old Boiler Room	Yes	SVOCs	SVOCs
12	Former Incinerator	Yes	Inorganic Ash/Burn Residue	SVOCs, RCRA Metals
13	Former Drum Storage Pad	Yes	Unknown	VOCs, SVOCs, RCRA Metals, PCBs
14	Former Drum Storage Pad	Yes	Unknown	VOCs, SVOCs, RCRA Metals, PCBs
15	Former UST#2 (10,000-gallon Diesel Fuel) – LUST Incident	Yes	Diesel	VOCs, SVOCs
16	Former UST#9 (6,000-gallon Gasoline) – LUST Incident	Yes	Gasoline	VOCs, RCRA Metals
17	Former UST #5 and UST #5A (Two 1,500-gallon Kerosene USTs)	Possibly ²	Kerosene	Removed in 1993
18	UST #1 (120-gallon Gasoline UST)	Possibly ²	Gasoline	Removed in 1993
19	Former UST #3 (280-gallon Alcohol UST)	Possibly ²	--	Not regulated and highly biodegradable
20	Suspect UST #7 and UST #8 (Two 1,000-gallon Gasoline USTs)	Yes	Gasoline	VOCs, RCRA Metals ²
21	UST #6 - Abandoned In-Place (2,500-gallon Naphtha UST)	Possibly ²	Naphtha	Investigated by ATC ²
22 and 23	Former Suspect Debris Piles	Yes	Unknown	VOCs, SVOCs, RCRA Metals, PCBs
24	Former Chemical Storage Room	Yes	Unknown	VOCs, SVOCs, RCRA Metals, PCBs
25	Former Drummed Product Storage Area	Yes	Unknown	VOCs, SVOCs, RCRA Metals
26	Former Drummed Product Storage Area	Yes	Unknown	VOCs, SVOCs, RCRA Metals
27 and 28	Former Satellite Waste Accumulation Areas	Yes	Unknown	VOCs, SVOCs, RCRA Metals, PCBs
29	Former Naphtha Storage Shed	No	Naphtha	Not regulated and highly biodegradable
30	Former "Spongy Soil" Area	Yes	Unknown	VOCs, SVOCs, RCRA Metals, PCBs
31	Former PCB Electrical Capacitor Storage Shed	Yes	PCBs	PCBs
32	Former Flammable Storage Room	Yes	Solvents	VOCs
	Former Lithograph/Lacquering Areas and Staining in Building N	Yes	Solvents, Oils, Acids	VOCs, SVOCs, RCRA Metals
	Polychlorinated Biphenyls (PCB) Spill Report	Yes ³	PCBs	PCBs
	Historic Railroad Spurs	Yes	Creosote, Metals	Herbicides, Pesticides, SVOCs, RCRA Metals
	North Parking Lot	No	No reported chemical usage	--

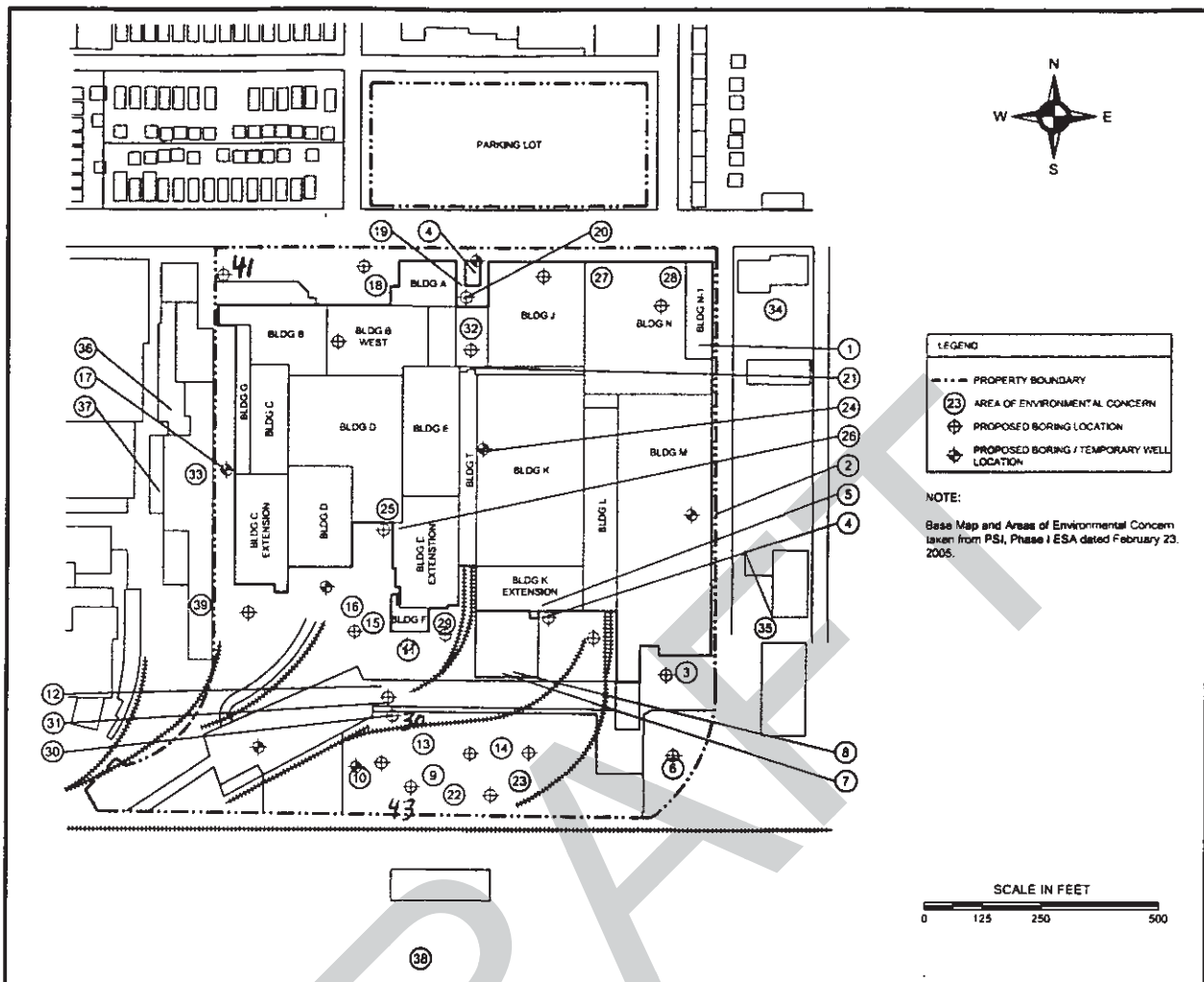
Notes:

UST – Underground Storage Tank, AST – Aboveground Storage Tank, LUST – Leaking Underground Storage Tank, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, RCRA – Resource Conservation and Recovery Act, PCBs – Polychlorinated Biphenyl Compounds.

¹Numbers correspond to on-site areas of concern shown on Figure 2 of the PSI Phase I ESA dated February 23, 2005.

²The further investigation recommendation will be determined pending review of site environmental documents.

³This assumes that the location of the PCB spill can be identified.



On-Site Areas of Environmental Concern:

1. Building N-100; former flammable liquid tank storage, paint thinning and mixing, and drum storage area
2. Suspect Vent Pipe on outside wall of Building M
3. Former UST #4 (15,000-gallon heating oil)
4. Outside transformer yards (North yard and South yard)
5. Budget Rent-a-Car; two 500-gallon ASTs
6. Former drum storage area
7. Former Propane AST area
8. Budget Rent-a-Car 12,000-gallon gasoline UST area
9. Former Combustion By-Products Co. area
10. Former Reade Manufacturing Co. (weed killer)
11. Former coal pit storage area for old boiler room
12. Former incinerator
13. Former drum storage pad
14. Former drum storage pad
15. Former UST #2 (10,000-gallon diesel fuel)
16. Former UST #9 (8,000-gallon gasoline)
17. Former UST #5 and UST #5A (two 1,500-gallon kerosene USTs)
18. UST #1; 120-gallon gasoline UST
19. Former UST #3 (280-gallon alcohol UST)
20. Suspect UST #7 and UST #8 (two 1,000-gallon gasoline) area
21. UST #8; Abandoned In-Place (2,500-gallon Naphtha)
22. Former suspect debris pile
23. Former suspect debris pile
24. Former chemical storage room
25. Former drummed product storage area
26. Former drummed product storage area
27. Former satellite waste accumulation area
28. Former satellite waste accumulation area
29. Former naphtha storage shed
30. Former "spongy soil" area
31. Former PCB Electrical capacitor storage shed
32. Former flammable storage room

Adjacent/Off-Site Areas of Environmental Concern:

33. Former Cole Oil Manufacturer (16 oil storage tanks)
34. Former Lake Shore Oil Co. (>8 gasoline and oil tanks); Former Superior Graphite Co. factory
35. Former Central Brake Shoe & Foundry Co.; Former American Brake Shoe (Bearing Division); Former Barton Chemical Co. (Mfg. Laundry Bleach)
36. Former Continental Can Co. (spray booth and plating house)
37. Former Continental Can Co. (3,000-gallon kerosene UST and 275-gallon fuel oil UST)
38. Belt Railway of Chicago (historical yard, maintenance shops, roundhouse, USTs)
39. Suspect large white AST

ENVIRON

SITE MAP
BEDFORD INDUSTRIAL CENTER
5401 WEST 65TH STREET
BEDFORD PARK, ILLINOIS

FIGURE

1

DRAFTER: APR

DATE: 05/08/05

CONTRACT NUMBER:

04-13488A

APPROVED:

REVISED:

Phase II ESA
July 2005 prepared by Environ International Corporation

DRAFT

RELEASABLE

MAR 08 2010

REVIEWER MD

**PHASE II
ENVIRONMENTAL SITE ASSESSMENT**

**Bedford Industrial Center
5401 West 65th Street
Bedford Park, Illinois**

Prepared for

Gibson, Dunn & Crutcher LLP

On Behalf of

DWB Investors/Van Born Associates

Prepared by

**ENVIRON International Corporation
Irvine, California**

July 2005

NOT FOR RELEASE

MAR 08 2008

REVISION 1.0

CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
2.0 SITE INVESTIGATION FIELD ACTIVITIES	2
3.0 TEMPORARY MONITORING WELL INSTALLATION	3
4.0 ANALYTICAL RESULTS AND TIER 1 ASSESSMENT	4
4.1 Soil Analytical Results and Tier 1 Assessment	4
4.2 Ground Water Analytical Results and Tier 1 Assessment	5
5.0 DISCUSSION	6
5.1 Soils	6
5.2 Ground Water	6

TABLES

Table 1:	Volatile Organic Compounds – Exceedances of Tier 1 Soil Remediation Objectives (SROs)
Table 2:	Semi-Volatile Organic Compounds – Exceedances of Tier 1 Soil Remediation Objectives (SROs)
Table 3:	Polychlorinated Biphenyl Compounds (PCBs) – Exceedances of Tier 1 Soil Remediation Objectives (SROs)
Table 4:	RCRA Metals – Exceedances of Tier 1 Soil Remediation Objectives (SROs)
Table 5:	Chlorinated Herbicides and Organochlorine Pesticides – Exceedances of Tier 1 Soil Remediation Objectives (SROs)
Table 6:	Volatile Organic Compounds – Exceedances of Tier 1 Groundwater Remediation Objectives (GROs)
Table 7:	Semi-Volatile Organic Compounds – Exceedances of Tier 1 Groundwater Remediation Objectives (GROs)
Table 8:	RCRA Metals – Exceedances of Tier 1 Groundwater Remediation Objectives (GROs)

FIGURE

Figure 1: May 2005 Boring Locations

APPENDICES

Appendix A:	Analytical Data Tables – Soil and Ground Water
Appendix B:	Laboratory Analytical Data Sheets, Quality Control/Quality Assurance Data Sheets, and Chain-of-Custody Forms

1.0 INTRODUCTION

ENVIRON International Corporation (ENVIRON) was retained by Gibson, Dunn & Crutcher LLP on behalf of DWB Investors/Van Born Associates to conduct a Phase II Site Investigation of the Bedford Industrial Center facility located at 5401 West 65th Street in Bedford Park, Illinois (the "Facility" or "Site") as outlined in ENVIRON's Work Plan for Environmental Investigation.¹ The Work Plan was developed to investigate potential environmental issues identified in the Phase I Environmental Site Assessment reports (ESAs) dated October 28, 2004 prepared by ATC and February 23, 2005 prepared by PSI, and the Draft Preliminary Phase II ESA report prepared by ATC dated November 30, 2004, provided to ENVIRON by Gibson, Dunn & Crutcher, LLP.² Prior to the commencement of sampling, comments were solicited from Tony Kashat of AKT Peerless and incorporated into the Work Plan.

The Site includes 33.9 acres south of W. 65th Street (the "main facility") and 3.6-acre parking lot located just north of W. 65th Street (the "north parking lot").³ The Bedford Industrial Center is currently occupied by several industrial and commercial buildings. Residential properties are located to the north of the Site with commercial/industrial sites located to the east, west, and south of the Site. A detailed description of the Site and its uses is provided in the ATC and PSI Phase I ESAs.

¹ Letter from ENVIRON to Thomas McHenry, Gibson, Dunn & Crutcher, LLP. Re: Work Plan for Environmental Investigation, 5401 West 65th Street, Bedford Park, Illinois. Dated May 9, 2005.

² Asbestos and mold were also identified, but were not included in ENVIRON's Work Plan.

³ Only the main facility was investigated in this Phase II ESA.

2.0 SITE INVESTIGATION FIELD ACTIVITIES

Sampling locations were marked on May 12, 2005 and were cleared for underground utilities by a utility locating service on May 13, 2005. The sampling was conducted from May 16 to May 18, 2005. Track-mounted direct-push sampling equipment was provided and operated by Terra Trace Environmental Services. Twenty-eight soil borings were completed, designated GP-2 to GP-45. The borings that were located in the "Environmental Areas of Concern" as identified in the PSI Phase I ESA were designated with the Environmental Area of Concern number included in the PSI Phase I ESA report. Borings in areas outside of the identified "Environmental Areas of Concern" were designated with numbers GP-40 through GP-45.⁴ Six of the soil borings were converted to temporary wells for preliminary screening of ground water.

The soils were sampled using Macro-Core samplers to depths ranging from eight to sixteen feet. ENVIRON screened the soil cores in the field for organic vapors using a photoionization detector (PID). Soil samples were collected from the soil interval(s) with the highest PID readings or from near the ground surface for laboratory analysis. At certain boring locations, deeper soil samples (just above the water table) were also collected. All samples were placed in sample containers provided by the laboratory, US Biosystems. Each soil sample collected was analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Selected samples were also analyzed for Resource Conservation and Recovery Act (RCRA) metals, chlorinated herbicides, organochlorine pesticides, and/or polychlorinated biphenyl compounds (PCBs). The analyses were chosen to reflect the potential contaminant at the particular "Environmental Area of Concern". One sample was also analyzed for Total Organic Carbon (TOC). The boreholes were filled with bentonite upon completion of the sampling.

⁴ Borings GP-43 and GP-44 were added to aid in finding the extent of the impacted soils/ground water noted in boring GP-10.

3.0 TEMPORARY MONITORING WELL INSTALLATION

Temporary 1-inch diameter polyvinyl chloride (PVC) well screens were installed in six of the soil borings (GP-2, GP-10, GP-16, GP-18, GP-39, GP 40).⁵ Ground water was not detected in the temporary wells at GP-39 (12 feet deep) and GP-40 (12 feet deep).

At the other four temporary well locations, a peristaltic pump and dedicated tubing was used to collect ground water screening samples. The temporary wells were not developed or purged prior to sample collection and samples were not filtered. The ground water screening samples were stored on ice and shipped to the US Biosystems Laboratory under chain of custody control and analyzed for VOCs, SVOCs and RCRA metals.

⁵ A temporary well was also scheduled for the boring GP-24 location. A well was not installed at this location as the boring was dry down to 16 feet.

4.0 ANALYTICAL RESULTS AND TIER 1 ASSESSMENT

A total of 47 soil samples, plus 1 duplicate and 4 ground water samples were collected for analysis during the investigation. Analytical results are summarized in the tables provided in Appendix A. Laboratory analytical data sheets, quality control/quality assurance data sheets, and chain of custody forms are provided in Appendix B.

The screening levels established for this investigation were obtained from the Tier 1 Soil Remediation Objectives (SROs) and Tier 1 Groundwater Remediation Objectives (GROs) used in the Illinois Environmental Protection Agency (Illinois EPA) Tiered Approach to Corrective Action (TACO) regulations found at 35 Illinois Administrative Code (IAC) Part 742. As the current and future use scenarios for the Site are Industrial/Commercial, the soil data are compared to the Industrial/Commercial and Construction Worker Tier 1 SROs in addition to Soil Component of the Groundwater Ingestion Route SROs (^{GW}SROs). The ground water data are compared to Class I GROs to be conservative.

4.1 Soil Analytical Results and Tier 1 Assessment

Any exceedances of the Tier 1 SROs are presented in Tables 1 through 5.⁶ There were no exceedances of the most stringent Tier 1 SROs for chlorinated herbicides, organochlorine pesticides, and PCBs. For the VOCs, benzene exceeded its Tier 1 ^{GW}SRO in two borings and tetrachloroethene (PCE) exceeded its Tier 1 ^{GW}SRO in one boring. For the SVOCs: benzo(a)anthracene [B(a)A] exceeded its Tier 1 ^{GW}SRO in one boring, as did carbazole. As noted below, exceedances of the ^{GW}SROs are not likely to require additional investigation and/or remediation because Bedford Park has adopted a ground water ordinance that has been recognized by Illinois EPA for use as an environmental institutional control. Benzo(a)pyrene [B(a)P] exceeded its Tier 1 Industrial/Commercial ingestion SRO in three borings. Of these three exceedances, only one exceeded the B(a)P soil background level (1.3 milligrams per kilogram [mg/kg]) established for the Chicago area by the Illinois EPA. Exceedances of the metals Tier 1 SROs were noted in 10 borings. These borings are all located in the southern portion of the Site, outside the buildings.

The TOC sample contained 2.8% organic carbon. The TOC sample was collected to aid in any Tier 2 and/or 3 calculations and modeling that may be required if the Site were to entered into the Illinois EPA Site Remediation Program (SRP).

⁶ Only those analytes that show exceedances of the Tier 1 SROs are presented in Tables 1 through 5. All of the analytical data are presented in Appendix A.

4.2 Ground Water Analytical Results and Tier 1 Assessment

Any exceedances of the Tier 1 GROs are presented in Tables 6 through 8.⁷ There were no exceedances of the Tier 1 GROs for VOCs. Only ground water from temporary well GPW-10 showed exceedances of the Tier 1 GROs as follows: the SVOC Tier 1 GROs for B(a)A and the metals Tier 1 GROs for arsenic, lead, mercury, and selenium.

DRAFT

⁷ Only those analytes that show exceedances of the Tier 1 GROs are presented in Tables 6 through 8. All of the analytical data are presented in Appendix A.

5.0 DISCUSSION

5.1 Soils

Given that Bedford Park has adopted a ground water ordinance that has been recognized by Illinois EPA for use as an environmental institutional control,⁸ exceedances of the ^{GW}SROs are not likely to require additional investigation and/or remediation. The exceedances of the B(a)P SRO are also not likely to require additional investigation and/or remediation as two of the exceedances are equal to or below the published Chicago area background concentrations and the third exceedance is only slightly above the SRO.

For the metals exceedances: barium, cadmium, chromium, selenium, and mercury only exhibited exceedances of their respective ^{GW}SROs in one or two borings each. These exceedances are not likely to require additional investigation and/or remediation given the Bedford Park ground water ordinance. In addition to exceedances of their respective ^{GW}SROs, arsenic and lead also exceeded the Industrial/Commercial and Construction Worker SROs. A site-specific health and safety plan can be used to deal with the exceedances of the Construction Worker SROs. If the Site were to be entered into the Illinois EPA SRP, additional investigation and/or remediation may be required along the southern boundary of the Site to address arsenic and lead exceedances of the Industrial/Commercial SROs.

5.2 Ground Water

Given that Bedford Park has a ground water ordinance that has been recognized by Illinois EPA for use as an environmental institutional control,⁹ exceedances of the Tier 1 GROs for B(a)A, arsenic, lead, mercury, and selenium are not likely to require remediation.

⁸ Bedford Park, Illinois Ordinance No. 98-1009. "An Ordinance Prohibiting the Use of Groundwater as a Potable Water Supply by the Installation or Use of Potable Water Supply Wells or by Any Other Method in the Village of Bedford Park, a Home Rule Unit of Government."

⁹ *ibid.*

TABLES

TABLE 1
Volatile Organic Compounds
Exceedances of Tier 1 Soil Remediation Objectives (SROs)

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs ^a				Soil Component of GW Ingestion Route SROs ^a		Boring No.	GP-30 ^b	GP-41 ^b	GP-43 ^b
	Industrial/Commercial		Construction Worker		Class I	Class II				
	ingestion	inhalation	ingestion	inhalation						
Benzene	100	1.6	2,300	2.2	0.03	0.17		1.5 ft	1.3 ft	1.5 ft
Tetrachloroethene	110	20	2,400	28	0.06	0.3		0.39	0.0035	0.59
								0.043	0.09	<0.0051

Notes:

^a Illinois EPA Tier 1 SROs for Industrial/Commercial Properties (35 IAC 742, Appendix B, Table B).

^b Exceedances of the ^{GW} SROs are not likely to require additional investigation and/or remediation as Bedford Park has a groundwater ordinance that has been recognized by Illinois EPA for use as an environmental institutional control.

Units are in milligrams per kilogram (mg/kg).

Results in **Bold** indicate concentrations exceeding most stringent Tier 1 SROs.

TABLE 2
Semi-Volatile Organic Compounds
Exceedances of Tier 1 Soil Remediation Objectives (SROs)

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs ^a				Soil Component of GW Ingestion Route SRO ^a		Background Soils	Boring No. Sample Depth:	GP-11 ^b	GP-28 ^c	GP-39 ^b
	Industrial/Commercial ingestion	Commercial inhalation	Construction ingestion	Worker inhalation	Class I	Class II					
Benzo(a)anthracene	8	--	170	--	2	8	1.1		1 ft	1 ft	1 ft
Benzo(a)pyrene	0.8	--	17	--	8	82	1.3		0.94	2.8	0.65
Carbazole	290	--	6,200	--	0.6	2.8	--		0.89	3	1.3
									<0.46	0.63	<0.36

Notes:

^a Illinois EPA Tier 1 SROs for Industrial/Commercial Properties (35 IAC 742, Appendix B, Table B).

^b As the concentration does not exceed the Chicago background level, no additional investigation and/or remediation is likely for this sample.

^c Exceedances of the ^{GW}SROs are not likely to require additional investigation and/or remediation as Bedford Park has a groundwater ordinance that has been recognized by Illinois EPA for use as an environmental institutional control.

Units are in milligrams per kilogram (mg/kg).

Results in **Bold** indicate concentrations exceeding most stringent Tier 1 SROs.

-- means there is not an SRO or background value for this exposure route.

TABLE 3
Polychlorinated Biphenyl Compounds (PCBs)
Exceedances of Tier 1 Soil Remediation Objectives (SROs)

Bedford Industrial Center
Bedford Park, Illinois

Analyte	<i>Exposure Route-Specific SROs^a</i>				<i>Soil Component of GW Ingestion Route SROs^a</i>	
	<i>Industrial/Commercial</i>		<i>Construction Worker</i>		<i>Class I</i>	<i>Class II</i>
	<i>ingestion</i>	<i>inhalation</i>	<i>ingestion</i>	<i>inhalation</i>		
NO EXCEEDANCES						

Notes:

^a Illinois EPA Tier 1 SROs for Industrial/Commercial Properties (35 IAC 742, Appendix B, Table B).

**Bedford Industrial Center
Bedford Park, Illinois**

Analyte	Exposure Route-Specific SROs ^a				Soil Component of GW Ingestion Route SRO ^b		Background Soils	Boring No.	GP-9 ^d	GP-10 ^d	GP-10 ^d	GP-11 ^d	GP-13 ^d	GP-22 ^d	GP-23 ^d	GP-30 ^d	GP-30 ^d	GP-31 ^d	GP-31 DUP ^d	GP-39 ^d	GP-40 ^d	GP-40 ^d
	Industrial/Commercial		Construction Worker		Class I	Class II																
	Ingestion	Inhalation	Ingestion	Inhalation																		
Asenic	13.0	1,200	61	25,000	29	120	13.0	41	6,500	4,700	81	3,600	170	12	1,100	1,400	570	26	7.1	1,800	1,100	
Barium	140,000	910,000	14,000	870,000	1,700	1,700	110	110	140	81	63	87	5,200	110	120	77	120	86	76	96	37	
Cadmium	2,000	2,800	200	59,000	11	110	0.6	<1.3	74	<1.3	11	<1.3	2.2	<1.4	35	<1.4	<1.3	<1.3	<1.1	32	<1.2	
Chromium	6,100	4,200	4,100	690	36	6	16.2	28	21	23	18	22	25	20	19	23	21	24	49	22	17	
Lead	400	--	400	--	0.0075	0.1	36.0	160	3,000	27	350	28	1,800	550	800	15	19	19	25	44	13	
Selenium	10,000	--	1,000	--	4.5	4.5	0.48	<1.3	32	<1.3	4.1	<1.3	<1.2	<1.4	7.5	<1.3	<1.3	<1.3	<1.1	1.6	<1.2	
Mercury	610	540,000	61	52,000	3.3	16	0.06	1.4	250	<0.13	0.18	0.41	2.7	<0.14	12	0.33	<0.13	<0.13	<0.11	4.3	<0.12	

RECEIVED

TABLE 5
Chlorinated Herbicides and Organochlorine Pesticides
Exceedances of Tier 1 Soil Remediation Objectives (SROs)

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs*				Soil Component of GW Ingestion Route SROs*	
	Industrial/Commercial		Construction Worker		Class I	Class II
	ingestion	inhalation	ingestion	inhalation		
NO EXCEEDANCES						

Notes:

* Illinois EPA Tier 1 SROs for Industrial/Commercial Properties (35 IAC 742, Appendix B, Table B).

TABLE 6
Volatile Organic Compounds
Exceedances of Tier 1 Groundwater Remediation Objectives (GROs)

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Tier 1 GROs for Ingestion Exposure*	
	Class I	Class II
NO EXCEEDANCES		

Note:

* Illinois EPA Tier 1 GROs (35 IAC 742, Appendix B, Table E).

DRAFT

TABLE 7
Semi-Volatile Organic Compounds
Exceedances of Tier 1 Groundwater Remediation Objectives (GROs)

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Tier 1 GRO for Ingestion Exposure*		Temp. Well No.:	GPW-10 **
	Class I	Class II	Screen Depth:	-3 to -8 ft
Benzo(a)anthracene	0.00013	0.00065		0.00099

Notes:

* Illinois EPA Tier 1 GROs(35 IAC 742, Appendix B, Table E)

**Exceedances of the GROs are not likely to require additional investigation and/or remediation as Bedford Park has a groundwater use restriction ordinance that has been recognized by Illinois EPA for use as an environmental institutional control.

Units in milligrams per liter (mg/L).

Results in **Bold** indicate concentrations exceeding most stringent Tier 1 GROs.

DRAFT

TABLE 8
RCRA Metals
Exceedances of Tier 1 Groundwater Remediation Objectives (GROs)

Bedford Industrial Center
Bedford Park, Illinois

Analyte	<i>Tier 1 GRO for Ingestion Exposure*</i>		Temp. Well No.:	GPW-10**
	<i>Class I</i>	<i>Class II</i>	Screen Depth:	-3 to -8 ft
Arsenic	0.05	0.2		47
Lead	0.0075	0.1		14
Selenium	0.05	0.05		0.33
Mercury	0.002	0.01		0.036

Notes:

* Illinois EPA Tier 1 GROs (35 IAC 742, Appendix B, Table E).

**Exceedances of the GROs are not likely to require additional investigation and/or remediation as Bedford Park has a groundwater use restriction ordinance that has been recognized by Illinois EPA for use as an environmental institutional control.

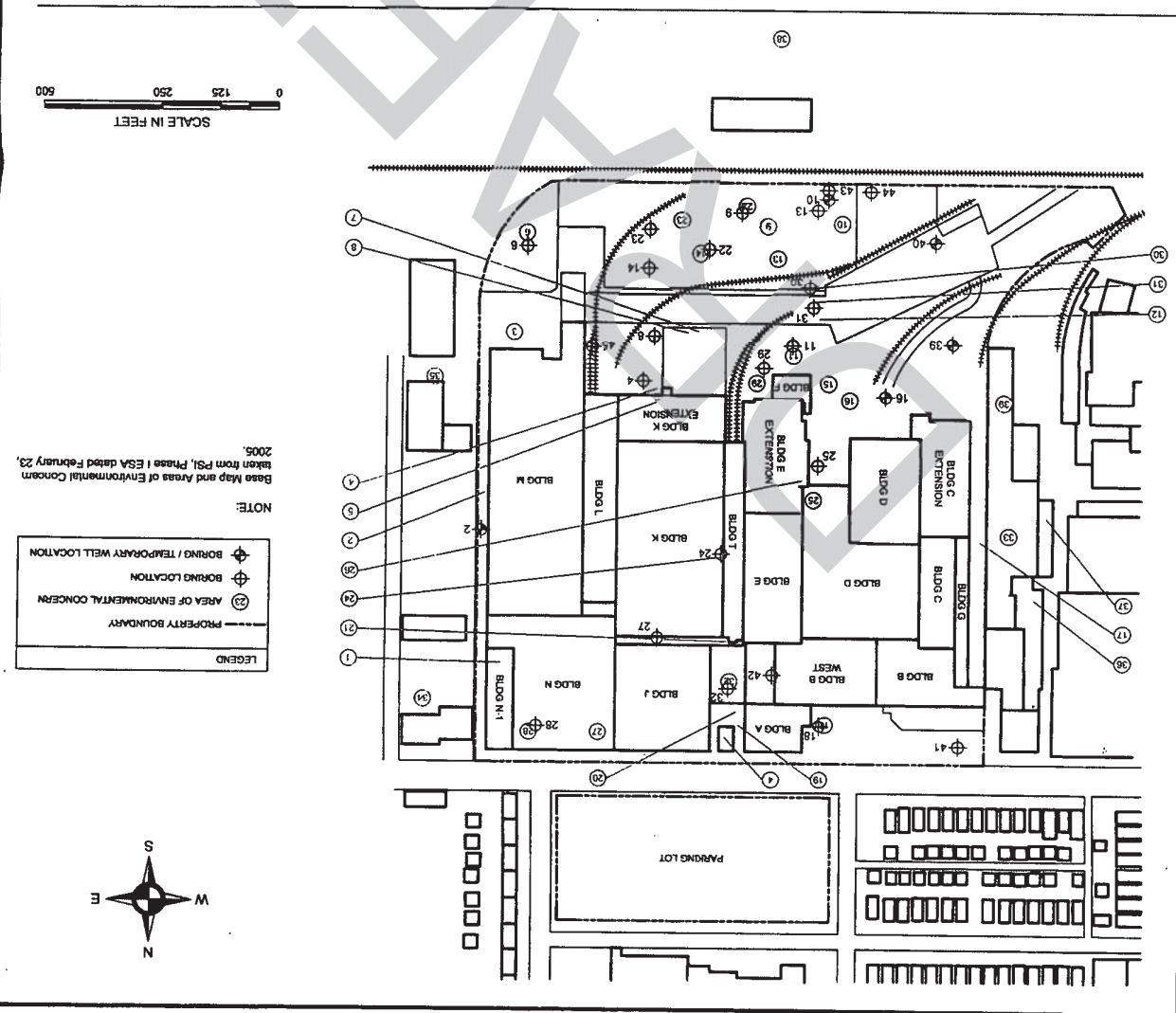
Units are in milligrams per liter (mg/L).

Results in **Bold** indicate concentrations exceeding most stringent Tier 1 GROs.

Wells were not developed and samples were not filtered.

FIGURE

- RELEASABLE
MAX 18 2010
REVIEWED MD
- On-Site Areas of Environmental Concern:
1. Building N-100: former flammable liquid tank storage, paint thinning and mixing, and drum storage area
 2. Suspect Vent Pipe on outside wall of Building M
 3. Former UST #4 (15,000-gallon heating oil)
 4. Outside transformer yards (North yard and South yard)
 5. Budget Rent-a-Car two 500-gallon ASTs
 6. Former drum storage area
 7. Former Propane AST area
 8. Budget Rent-a-Car 12,000-gallon gasoline UST area
 9. Former Combustion By-Products Co. area
 10. Former Rader Manufacturing Co. (weed killer)
 11. Former coal pit storage area for old boiler room
 12. Former incinerator
 13. Former drum storage pad
 14. Former drum storage pad
 15. Former UST #2 (10,000-gallon diesel fuel)
 16. Former UST #9 (6,000-gallon gasoline)
 17. Former UST #5 and UST #5A (two 1,500-gallon kerosene USTs)
 18. UST #1: 120-gallon gasoline UST
 19. Former UST #3 (280-gallon alcohol UST)
 20. Suspect UST #7 and UST #8 (two 1,000-gallon gasoline) area
 21. UST #6: Abandoned in-Place (2,500-gallon Naphtha)
 22. Former suspect debris pile
 23. Former suspect debris pile
 24. Former chemical storage room
 25. Former drummed product storage area
 26. Former drummed product storage area
 27. Former satellite waste accumulation area
 28. Former satellite waste accumulation area
 29. Former naphtha storage shed
 30. Former "spongy soil" area
 31. Former PCB Electrical capacitor storage shed
 32. Former flammable storage room
- Adjacent/Off-Site Areas of Environmental Concern:
33. Former Cole Oil Manufacturer (16 oil storage tanks)
 34. Former Lake Shore Oil Co. (>8 gasoline and oil tanks)
 35. Former Superior Graphite Co. factory
 36. Former Central Brake Shoe & Foundry Co.
 37. Former American Brake Shoe (Bearing Division)
 38. Former Barton Chemical Co. (Mfg. Laundry Bleach)
 39. Former Continental Can Co. (spray booth and plating house)
 40. Former Continental Can Co. (3,000-gallon kerosene UST and 275-gallon fuel oil UST)
 41. Belt Railway of Chicago (historical yard, maintenance shops, roundhouse, USTs)
 42. Suspect large white AST



APPENDIX A

Analytical Data Tables - Soil and Ground Water

TABLE A-1
Volatile Organic Compounds
Soil Analytical Data

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs*				Soil Component of GW Ingress / Class II		Boring No. / Sample Depth:	Ingestion Route SRO*														GP-16		
	Industrial/Commercial ingestion	Commercial inhalation	Construction Worker ingestion	Worker inhalation	Ingress I	Class II		GP-2 1.5 ft	GP-2 8 ft	GP-4 1 ft	GP-6 0.75 ft	GP-6 4 ft	GP-8 2 ft	GP-8 6 ft	GP-9 1 ft	GP-10 1 ft	GP-10 3 ft	GP-11 1 ft	GP-11 4 ft	GP-13 1.5 ft	GP-14 2 ft		GP-16 2 ft	GP-16 5 ft
Aesthetics	200,000	100,000	200,000	100,000	16	16		<0.089	<0.075	<0.081	<0.086	<0.082	<0.084	<0.083	<0.060	0.19	0.29	<0.057	<0.072	<0.041	<0.049	<0.049	<0.042	<0.044
	100	1.6	2,300	2.2	0.03	0.17		0.00238	0.0034	0.0048	0.0031	0.0024	0.0029	0.0036	0.0029	0.0024	0.0024	0.0024	0.0024	0.0016	0.0019	0.0017	0.0018	
	92	3,000	2,000	3,000	0.6	0.6		<0.0024	<0.0020	<0.0016	<0.0022	<0.0021	<0.0018	<0.0017	<0.0019	<0.0029	<0.0024	<0.0023	<0.0029	<0.0016	0.0019	0.0017	0.0018	
	100	100	16,000	140	0.8	0.8		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
Benzene	720	100	16,000	140	0.8	0.8		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	2,900	15	1,000	3.9	0.2	1.2		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	200,000	720	20,000	9	32	160		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
Carbon disulfide	44	0.64	410	0.9	0.07	0.33		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	41,000	210	4,100	1.3	1	6.5		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	41,000	1,300	41,000	1,300	0.4	0.4		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
Chlorobenzene	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	940	0.54	2,000	0.76	0.6	2.9		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	200,000	1,700	200,000	130	23	110		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
Carbon tetrachloride	63	0.7	1,400	0.99	0.02	0.1		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	18,000	1,500	1,800	300	0.06	0.3		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	20,000	1,200	20,000	1,200	0.4	1.1		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
trans-1,2-Dichloroethene	84	23	1,800	0.5	0.03	0.15		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	57	2.1	1,200	0.39	0.004	0.02		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	200,000	400	20,000	58	13	19		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
1,2-Dichloropropane	760	24	12,000	34	0.02	0.2		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	20,000	8800	2000	140	0.32	0.32		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	410,000	1,500	41,000	430	4	18		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
Styrene	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	110	20	2,400	28	0.06	0.3		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	410,000	650	410,000	42	12	29		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
Toluene	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	8,200	1,800	8,200	1,800	0.02	0.3		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	520	8.9	1,200	12	0.06	0.3		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	--	--	--	--	--	--		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07		<0.0047	<0.0040	<0.0041	<0.0045	<0.0042	<0.0044	<0.0043	<0.0047	<0.0071	<0.0060	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	
	1,000,000	320	410,000	320	150	150		<0.0059	<0.0050	<0.0041	<0.0056	<0.0052	<0.0044	<0.0043	<0.0047	0.13	0.056	<0.0057	<0.0072	<0.0041	<0.0049	<0.0042	<0.0044	

Notes:
* Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties:
(35 IAC 742, Appendix B, Table B).

Units are in milligrams per kilogram (mg/kg).

-- means there is no SRO for this exposure route.

Results in Bold indicate concentrations exceeding most stringent Tier 1 SROs.

Soil Samples obtained from Geoprobe cores, 5/16/03 to 5/18/03.

Analysis by U.S. BioSystems, Boca Raton Florida.

RELEASEABLE

MAR 08 2010

REVIEWED

TABLE A-1
Volatile Organic Compounds
Soil Analytical Data

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs*				Soil Component of GW Ingestion Route SRO*		GP-18 1 ft	GP-18 5.5 ft	GP-22 0.5 ft	GP-23 1 ft	GP-24A 0.5 ft	GP-24A 4.5 ft	GP-25 2 ft	GP-27 1 ft	GP-27 5 ft	GP-28 1 ft	GP-28 4.5 ft	GP-29 1.5 ft	GP-29 5 ft	GP-30 1.5 ft	GP-30 3 ft
	Industrial/Commercial Ingestion		Construction Worker Ingestion		Class I	Class II															
	Ingestion	Inhalation	Ingestion	Inhalation																	
Acetone	200,000	100,000	200,000	100,000	16	16	<0.059	<0.051	0.11	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.075	<0.075	<0.048	3 ft
Benzene	100	1.6	2,300	2.2	0.03	0.17	0.068	0.0078	<0.0034	<0.0034	0.0032	<0.0034	0.0035	<0.0034	0.0031	<0.0034	<0.0034	<0.0034	0.39	<0.0019	<0.0019
Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	<0.0024	<0.0021	<0.0021	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0019	<0.0019
Bromochloromethane	720	100	16,000	140	0.8	0.8	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0048	<0.0048
Bromomethane	2,900	15	1,000	3.9	0.2	1.2	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0048	<0.0048
2-Butanone (MEK)	--	--	--	--	--	--	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
Carbon disulfide	200,000	720	20,000	9	32	1.60	<0.0039	<0.0031	<0.0031	0.13	<0.043	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
Carbon Tetrachloride	44	0.64	410	0.9	0.07	0.33	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
Chlorobenzene	41,000	210	4,100	1.3	1	6.3	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
Chlorodibromomethane	41,000	1,300	41,000	1,300	0.4	0.4	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
Chloroethane	--	--	--	--	--	--	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
Chloroform	940	0.54	2,000	0.76	0.6	2.9	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
Chloromethane	--	--	--	--	--	--	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
1,2-Dichloroethane	63	0.7	1,400	0.99	0.02	0.1	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
1,1,1-Trichloroethane	18,000	1,500	1,800	300	0.06	0.3	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
cis-1,2-Dichloroethane	20,000	1,200	20,000	1,200	0.4	1.1	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
trans-1,2-Dichloroethane	--	--	--	--	0.7	3.4	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
1,2-Dichloropropane	84	23	1,800	0.5	0.03	0.15	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
1,1,2-Trichloroethane	57	2.1	1,200	0.39	0.004	0.02	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
1,3-Dichloropropene (cis & trans)	200,000	400	20,000	58	13	19	<0.0039	<0.0031	<0.0031	<0.0034	<0.0034	<0.0039	<0.043	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0048
Ethylbenzene	--	--	--	--	--	--	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
2-Hexanone	--	--	--	--	--	--	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
Methylene chloride	760	24	12,000	34	0.02	0.2	<0.012	<0.010	<0.011	<0.017	<0.085	<0.012	<0.085	<0.011	<0.0091	<0.017	<0.011	<0.011	<0.010	<0.087	<0.0096
4-Methyl-2-Pentanone (MIBK)	--	--	--	--	--	--	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
Methyl tert-butyl ether	20,000	8800	2000	140	0.32	0.12	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
Styrene	410,000	1,500	41,000	430	4	18	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
Tetrachloroethane	110	20	2,400	28	0.06	0.3	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
Toluene	410,000	630	410,000	42	12	29	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
1,1,1-Trichloroethane	--	--	--	--	2	9.6	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
Trichloroethane	520	8.9	1,200	12	0.06	0.3	<0.059	<0.051	<0.051	<0.086	<0.043	<0.059	<0.082	<0.053	<0.046	<0.085	<0.053	<0.053	<0.053	<0.053	<0.048
Vinyl chloride	79	1.1	170	1.1	0.01	0.07	<0.0047	<0.0041	<0.0041	<0.0046	<0.0043	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0048
Xylenes (total)	1,000,000	320	410,000	320	150	150	<0.0059	<0.0051	<0.0051	<0.0057	<0.0054	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059

Notes:
* Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties:
(35 IAC 742, Appendix B, Table B).

Units are in milligrams per kilogram (mg/kg).

-- means there is no SRO for this exposure route.

Results in Bold indicate concentrations exceeding most stringent Tier 1 SROs.

Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.

Analysis by U.S. Biosystems, Boca Raton, Florida.

RECEIVED
MAR 08 2017
RECEIVED

TABLE A-1
Volatile Organic Compounds
Soil Analytical Data

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs*				Soil Component of GW		Ingestion Route SROs*																
	Industrial/Commercial Ingestion	Construction Ingestion	Worker Inhalation		Class I	Class II	GP-31 DUP	GP-31 2.5 ft	GP-32A 1 ft	GP-32A 4.5 ft	GP-39 1 ft	GP-39 7 ft	GP-40 2 ft	GP-40 5.5 ft	GP-41 1.3 ft	GP-41 4 ft	GP-42 1 ft	GP-42 6 ft	GP-43 1.5 ft	GP-43 5.5 ft	GP-44 1.25 ft	GP-44 5.5 ft	GP-45 1 ft
Acetone	200,000	100,000	100,000	100,000	16	16	<0.1	<0.018	<0.038	<0.1	<0.055	<0.065	<0.050	<0.041	<0.062	<0.050	<0.057	<0.055	0.36	<0.079	<0.092	<0.082	<0.29
Benzene	100	1.6	2,300	2.2	0.03	0.17	<0.0018	<0.0017	<0.0023	0.0033	0.0026	0.0035	<0.020	0.0020	0.0035	0.0036	<0.023	<0.022	0.39	0.028	<0.035	<0.031	<0.11
Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	<0.0018	<0.0017	<0.0021	<0.0018	<0.0022	<0.0026	<0.020	<0.0017	<0.0022	<0.0020	<0.023	<0.022	<0.020	<0.016	<0.023	<0.031	<0.11
Bromoforn	720	100	16,000	140	0.8	0.8	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Bromomethane	2,900	15	1,000	3.9	0.2	1.2	<0.0045	<0.0044	<0.0058	<0.0038	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
2-Butanone (MEK)	--	--	--	--	--	--	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Carbon disulfide	200,000	720	20,000	9	32	160	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Carbon Tetrachloride	44	0.64	410	0.9	0.07	0.33	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Chlorobenzene	41,000	210	4,100	1.3	1	6.5	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Chlorodibromomethane	41,000	1,300	41,000	1,300	0.4	0.4	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Chloroethane	--	--	--	--	--	--	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Chloroform	940	0.34	2,000	0.76	0.6	2.9	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Chloromethane	--	--	--	--	--	--	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
1,2-Dichloroethane	63	0.7	1,400	0.99	0.02	0.1	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
cis-1,2-Dichloroethane	18,000	1,500	1,800	300	0.06	0.3	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
trans-1,2-Dichloroethane	20,000	1,200	20,000	1,200	0.4	1.1	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
1,2-Dichloropropane	--	--	--	--	0.7	3.4	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
1,3-Dichloropropane	84	23	1,800	0.5	0.03	0.15	<0.0018	<0.0017	<0.0023	<0.0018	<0.0022	<0.0026	<0.020	<0.0017	<0.0025	<0.020	<0.023	<0.022	<0.020	<0.016	<0.025	<0.021	<0.11
1,3-Dichloropropene (cis & trans)	57	2.1	1,200	0.39	0.004	0.02	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Ethylbenzene	200,000	400	20,000	58	13	19	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0062	<0.0050	<0.057	<0.055	0.18	<0.039	<0.062	<0.052	<0.29
2-Hexanone	--	--	--	--	--	--	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.05	<0.041	<0.062	<0.050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Methylene chloride	760	24	12,000	34	0.02	0.2	<0.0091	<0.0087	<0.012	<0.0092	<0.011	<0.013	<0.010	<0.0083	<0.012	<0.010	<0.011	<0.010	<0.0078	<0.012	<0.010	<0.057	<0.29
4-Methyl-2-Pentanone (MIBK)	--	--	--	--	--	--	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.05	<0.041	<0.025	<0.050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Methyl tert-butyl ether	20,000	8800	2000	140	0.32	0.32	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.05	<0.041	<0.025	<0.050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Styrene	410,000	1,500	41,000	430	4	18	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.025	<0.050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	<0.0091	<0.0087	<0.012	<0.0092	<0.011	<0.013	<0.010	<0.0083	<0.012	<0.010	<0.0083	<0.012	<0.010	<0.0078	<0.012	<0.057	<0.29
Tetrachloroethane	110	20	2,400	28	0.06	0.3	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0090	<0.050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Toluene	410,000	650	410,000	42	12	29	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	0.0090	<0.050	<0.057	<0.055	<0.051	0.0041	<0.062	<0.052	<0.29
1,1,1-Trichloroethane	--	1,200	--	1,200	2	9.4	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0090	<0.050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.1	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0090	<0.050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Trichloroethane	520	8.9	1,200	12	0.06	0.3	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0090	<0.050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0090	<0.050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29
Xylenes (total)	1,000,000	320	410,000	320	150	150	<0.0045	<0.0044	<0.0058	<0.0046	<0.0055	<0.0065	<0.050	<0.0041	<0.0090	<0.050	<0.057	<0.055	<0.051	<0.039	<0.062	<0.052	<0.29

Notes:
* Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties:
(35 IAC 742, Appendix B, Table B).

Units are in milligrams per kilogram (mg/kg).

-- means there is no SRO for this exposure route.

Results in Bold indicate concentrations exceeding most stringent Tier 1 SROs.

Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.

Analysis by U.S. Biosystems, Boca Raton, Florida.

RECEIVED
MAR 08 2010
REVIEWED

**Bedford Industrial Center
Bedford Park, Illinois**

100-100000

REVIEWED BY

TABLE A-2
Semi-Volatile Organic Compounds
Soil Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs*				Soil Component of GW Ingestion Route SRO*		Boring No. Sample Depth:	GP															
	Industrial/Commercial		Construction Worker		Class I	Class II		GP-2 1.5 ft	GP-2 8 ft	GP-4 1 ft	GP-4 0.75 ft	GP-6 4 ft	GP-8 2 ft	GP-8 6 ft	GP-9 1 ft	GP-10 1 ft	GP-10 3 ft	GP-11 1 ft	GP-11 4 ft	GP-13 1.5 ft	GP-14 2 ft	GP-16 2 ft	GP-16 5 ft
	Ingestion	Inhalation	Ingestion	Inhalation																			
2-Methylphenol	100,000	--	100,000	--	15	15	--	<0.4	<0.39	<0.39	<0.39	<0.4	<0.41	<0.39	<0.41	<0.43	<0.42	<0.37	<0.46	<0.43	<0.43	<0.41	<0.4
3 & 4-Methylphenol	--	--	--	--	--	--	--	<0.4	<0.39	<0.39	<0.39	<0.4	<0.41	<0.39	<0.41	<0.43	<0.42	<0.37	<0.46	<0.43	<0.43	<0.41	<0.4
Naphthalene	41,000	270	41,000	1.8	12	18	--	<0.4	<0.39	<0.39	<0.39	<0.4	<0.41	<0.39	<0.41	<0.43	<0.42	<0.37	<0.46	<0.43	<0.43	<0.41	<0.4
2-Nitroaniline	--	--	--	--	--	--	--	<2	<2	<2	<2	<2.1	<2.1	<2	<2.1	<2.2	<2.2	<1.9	<2.2	<2.2	<2.2	<2.1	<2.1
3-Nitroaniline	--	--	--	--	--	--	--	<2	<2	<2	<2	<2.1	<2.1	<2	<2.1	<2.2	<2.2	<2.2	<2.4	<2.2	<2.2	<2.1	<2.1
4-Nitroaniline	--	--	--	--	--	--	--	<2	<2	<2	<2	<2.1	<2.1	<2	<2.1	<2.2	<2.2	<2.2	<2.4	<2.1	<2.2	<2.1	<2.1
Nitrobenzene	1,000	140	1,000	9.4	0.1	0.1	--	<0.12	<0.12	<0.12	<0.12	<0.12	<0.13	<0.12	<0.13	<0.12	<0.12	<0.11	<0.16	<0.13	<0.13	<0.41	<0.4
2-Nitrophenol	--	--	--	--	--	--	--	<0.4	<0.4	<0.39	<0.39	<0.4	<0.41	<0.39	<0.41	<0.43	<0.42	<0.37	<0.46	<0.43	<0.43	<0.41	<0.4
4-Nitrophenol	--	--	--	--	--	--	--	<2	<2	<2	<2	<2.1	<2.1	<2	<2.1	<2.2	<2.2	<2.2	<2.4	<2.1	<2.2	<2.1	<2.1
N-Nitrosodiphenylamine	0.8	--	18	--	0.00005	0.00005	--	<0.072	<0.072	<0.071	<0.071	<0.072	<0.075	<0.071	<0.075	<0.078	<0.077	<0.067	<0.085	<0.077	<0.079	<0.074	<0.073
N-Nitrosodiphenylamine	1,200	--	25,000	--	1	5.6	--	<0.4	<0.4	<0.39	<0.39	<0.4	<0.41	<0.39	<0.41	<0.43	<0.42	<0.46	<0.37	<0.42	<0.43	<0.41	<0.4
Permethrin	24	--	520	--	0.03	0.14	--	<2	<2	<2	<2	<2.1	<2.1	<2	<2.1	<2.2	<2.2	<2.2	<2.4	<2.2	<2.2	<2.1	<2.1
Phenanthrene	--	--	--	--	--	--	--	<0.4	<0.4	<0.39	<0.39	<0.4	<0.41	<0.39	1.0	<0.43	<0.42	1.7	0.72	<0.42	<0.43	<0.41	<0.4
Phenol	1,000,000	--	120,000	--	100	100	--	<0.4	<0.4	<0.39	<0.39	<0.4	<0.41	<0.39	<0.41	<0.43	<0.42	<0.46	<0.37	<0.42	<0.43	<0.41	<0.4
Pyrene	61,000	--	61,000	--	4200	21,000	--	<0.4	<0.4	<0.39	<0.39	<0.4	<0.41	<0.39	1.2	2.3	1.5	0.84	<0.42	<0.43	<0.43	<0.41	<0.4
1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	53	--	<0.4	<0.4	<0.39	<0.39	<0.4	<0.41	<0.39	<0.41	<0.43	<0.42	<0.46	<0.37	<0.42	<0.43	<0.41	<0.4
2,4,5-Trichlorophenol	200,000	--	200,000	--	270	1400	--	<0.4	<0.4	<0.39	<0.39	<0.4	<0.41	<0.39	<0.41	<0.43	<0.42	<0.46	<0.37	<0.42	<0.43	<0.41	<0.4
2,4,6-Trichlorophenol	520	390	11,000	540	0.2	0.77	--	<0.4	<0.4	<0.39	<0.39	<0.4	<0.41	<0.39	<0.41	<0.43	<0.42	<0.46	<0.37	<0.42	<0.43	<0.41	<0.4

Notes:

* Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties;

(35 IAC 742, Appendix B, Table B).

Units are in milligrams per kilogram (mg/kg).

-- means there is no SRO for this exposure route.

Results in Bold indicate concentrations exceeding most stringent Tier 1 SROs.

Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.

Analysis by U.S. Biosystems, Boca Raton Florida.

TABLE A-2
Semi-Volatile Organic Compounds
Soil Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs*		Soil Component of GW Ingestion Route SRO*		GP-18 1 ft	GP-18 5.5 ft	GP-22 0.5 ft	GP-23 1 ft	GP-24A 0.5 ft	GP-24A 4.5 ft	GP-25 2 ft	GP-27 1 ft	GP-27 5 ft	GP-28 1 ft	GP-28 4.5 ft	GP-29 1.5 ft	GP-29 5 ft	GP-30 1.5 ft	GP-30 3 ft
	Industrial/Commercial Ingestion	Construction Inhalation	Class I	Class II															
2-Methylphenol	100,000	100,000	15	15	<0.43	<0.41	<0.40	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	<3.7	<0.42
3 & 4-Methylphenol	--	--	--	--	<0.43	<0.41	<0.40	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	<3.7	<0.42
Naphthalene	41,000	4,100	18	18	<0.43	<0.41	0.08	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	<3.7	<0.42
2-Nitroaniline	--	--	--	--	<2.2	<2.1	<2.0	<24	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.1	<2.4	<2.1	<1.9	<2.2
3-Nitroaniline	--	--	--	--	<2.2	<2.1	<2.0	<24	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.1	<2.4	<2.1	<1.9	<2.2
4-Nitroaniline	--	--	--	--	<2.2	<2.1	<2.0	<24	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.1	<2.4	<2.1	<1.9	<2.2
Nitrobenzene	1,000	140	0.1	0.1	<0.13	<0.13	<0.12	<1.4	<0.12	<0.12	<0.12	<0.11	<0.13	<0.12	<0.13	<0.14	<0.12	<0.67	<0.13
2-Nitrophenol	--	--	--	--	<0.43	<0.41	<0.40	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	<3.7	<0.42
4-Nitrophenol	--	--	--	--	<2.2	<2.1	<2.0	<24	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.1	<2.4	<2.1	<1.9	<2.2
N-Nitrosodiphenylamine	0.8	18	0.00005	0.00005	<0.079	<0.073	<0.072	<0.86	<0.074	<0.074	<0.070	<0.063	<0.074	<0.073	<0.073	<0.083	<0.074	<0.67	<0.077
N-Nitrosodiphenylamine	1,200	25,000	1	5.6	<0.43	<0.41	<0.40	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	<3.7	<0.42
Pentachlorophenol	24	520	0.03	0.14	<2.2	<2.1	<2.0	<24	<2.1	<2.1	<2.0	<1.8	<2.1	<2.1	<2.1	<2.4	<2.1	<1.9	<2.2
Phenanthrene	--	--	--	--	<0.43	<0.41	<0.40	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	<3.7	<0.42
Pyrene	1,000,000	120,000	100	100	<0.43	<0.41	<0.40	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	<3.7	<0.42
1,2,4-Trichlorobenzene	61,000	--	4200	21,000	<0.43	<0.41	<0.40	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	8.5	<0.42
2,4,5-Trichlorophenol	20,000	3,200	5	53	<0.43	<0.41	<0.40	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	<3.7	<0.42
2,4,6-Trichlorophenol	200,000	200,000	270	1400	<0.43	<0.41	<0.40	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	<3.7	<0.42
2,4,6-Trichlorophenol	520	390	0.2	0.77	<0.43	<0.41	<0.40	<4.7	<0.41	<0.41	<0.38	<0.35	<0.41	<0.4	<0.41	<0.46	<0.41	<3.7	<0.42

Notes:

* Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties;
(35 IAC 742, Appendix B, Table B).

Units are in milligrams per kilogram (mg/kg).

-- means there is no SRO for this exposure route.

Results in Bold indicate concentrations exceeding most stringent Tier 1 SROs.

Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.

Analysis by U.S. BioSystems, Boca Raton Florida.

RELEASED

MAR 08 2010

REVIEWED

TABLE A-2
Semi-Volatile Organic Compounds
Soil Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs *				Soil Component of GW Ingestion Route SRO *		GP-31 Dup	GP-31 2.5 ft	GP-31A 1 ft	GP-32A 4.5 ft	GP-39 1 ft	GP-39 7 ft	GP-40 2 ft	GP-40 5.5 ft	GP-41 1.3 ft	GP-41 4 ft	GP-42 1 ft	GP-42 6 ft	GP-43 1.5 ft	GP-43 5.5 ft	GP-44 1.25 ft	GP-44 5 ft	GP-45 1 ft
	Industrial/Commercial Ingestion	Construction Ingestion	Worker Inhalation		Class I	Class II																	
Acephenanthrene	120,000	120,000	--	--	570	3900	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	6	<0.38	<0.41	<0.4	<0.4
Anthracene	610,000	610,000	--	--	12,000	59,000	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	6.0	<0.38	<0.41	<0.4	<0.4
Benzo(a)anthracene	8	170	--	--	2	8	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	6.0	<0.38	<0.41	<0.4	<0.4
Benzo(b)fluoranthene	8	17	--	--	8	82	<0.078	<0.077	<0.074	<0.077	1.3	<0.071	<0.078	<0.073	<0.077	<0.071	<0.073	<0.077	<0.072	<0.069	<0.074	<0.072	<0.069
Benzo(k)fluoranthene	78	--	--	--	5	25	<0.43	<0.42	<0.41	<0.42	1.6	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Benzofluoranthene	--	--	--	--	--	--	<0.43	<0.42	<0.41	<0.42	1.4	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Bis(2-chloroethoxy)methane	--	--	--	--	49	250	<0.43	<0.42	<0.41	<0.42	0.55	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Bis(2-chloroethoxy)phenyl ether	5	0.47	75	0.66	0.0004	0.0004	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Bis(2-ethylhexyl)phthalate	410	31,000	31,000	--	3600	31,000	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
4-Bromophenyl phenyl ether	--	--	--	--	--	--	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Butyl benzyl phthalate	410,000	410,000	930	--	930	930	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Carbazole	290	6,200	--	--	0.6	2.8	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
4-Chloroaniline	8,200	820	--	--	0.7	0.7	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
4-Chloro-3-methylphenol	--	--	--	--	--	--	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
2-Chloronaphthalene	--	--	--	--	--	--	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
2-Chlorophenyl phenyl ether	10,000	53,000	53,000	--	4	20	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Chrysene	780	--	--	--	--	--	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Dibenz(a,h)anthracene	0.8	17,000	--	--	160	800	<0.43	<0.42	<0.41	<0.42	0.87	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Dibenzofuran	--	--	--	--	2	7.6	<0.079	<0.077	<0.074	<0.077	0.11	<0.071	<0.078	<0.073	<0.077	<0.071	<0.073	<0.077	<0.072	<0.070	<0.074	<0.072	<0.069
1,2-Dichlorobenzene	180,000	560	310	--	17	43	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
1,4-Dichlorobenzene	--	--	--	--	--	--	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
3,3'-Dichlorobenzidine	13	--	280	--	0.007	0.033	<0.87	<0.86	<0.83	<0.86	<0.74	<0.79	<0.87	<0.82	<0.86	<0.80	<0.82	<0.86	<0.81	<0.77	<0.83	<0.81	<0.77
2,4-Dichlorophenol	610	--	610	--	1	1	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Diethyl phthalate	1,000,000	2,000	2,000	--	470	470	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
2,4-Dimethylphenol	41,000	--	41,000	--	9	9	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Dimethyl phthalate	--	--	--	--	--	--	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Di-N-butyl phthalate	200,000	2,200	2,200	--	2200	2200	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
4,6-Dinitro-2-methylphenol	--	--	--	--	--	--	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
2,4-Dinitrophenol	4,100	--	410	--	0.2	0.2	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
2,4-Dinitrotoluene	84	--	180	--	0.0008	0.0008	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
2,6-Dinitrotoluene	84	--	180	--	0.0007	0.0007	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Di-N-octyl phthalate	41,000	10,000	--	--	10,000	10,000	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Fluoranthene	82,000	--	82,000	--	4300	21,000	<0.43	<0.42	<0.41	<0.42	0.64	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Fluorene	82,000	--	82,000	--	560	2800	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Hexachlorobenzene	4	1.8	2.6	--	2	11	<0.13	<0.12	<0.12	<0.13	<0.11	<0.12	<0.13	<0.12	<0.13	<0.12	<0.12	<0.13	<0.12	<0.11	<0.12	<0.12	<0.12
Hexachlorocyclopentadiene	14,000	16	14,000	1.1	400	2200	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Hexachloroethane	2,000	--	2,000	--	0.5	2.6	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Indeno(1,2,3-cd)pyrene	8	--	170	--	14	69	<0.43	<0.42	<0.41	<0.42	1.1	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4
Isophorone	410,000	4,600	4,600	--	8	8	<0.43	<0.42	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<0.4	<0.38	<0.41	<0.4	<0.4

RELEASE

MAR 08 2010

REVIEWED

ENVIRON

TABLE A-2
Semi-Volatile Organic Compounds
Soil Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route Specific SROs*		Soil Component of GW Ingestion Route SRO*		GP-31 Dup	GP-31 2.5 ft	GP-32A 1 ft	GP-32A 4.5 ft	GP-39 1 ft	GP-39 7 ft	GP-40 2 ft	GP-40 3.5 ft	GP-41 1.3 ft	GP-41 4 ft	GP-42 1 ft	GP-42 6 ft	GP-43 1.5 ft	GP-43 5.5 ft	GP-44 1.25 ft	GP-44 5 ft	GP-45 1 ft
	Industrial/Commercial ingestion	Industrial/Commercial inhalation	Construction Worker ingestion	Construction Worker inhalation																	
2-Methylphenol	100,000	--	100,000	--	--	<0.43	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<4.0	<0.38	<0.41	<0.4	<3.8
3 & 4-Methylphenol	--	--	--	--	--	<0.43	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<4.0	<0.38	<0.41	<0.4	<3.8
Naphthalene	41,000	270	4,100	1.8	18	<0.43	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<4.0	<0.38	<0.41	<0.4	<3.8
2-Nitroaniline	--	--	--	--	--	<2.2	<2.1	<2.2	<1.9	<2	<2.2	<2.1	<2.2	<2	<2.1	<2.2	<2.0	<2.0	<2.1	<2.0	<2.0
4-Nitroaniline	--	--	--	--	--	<2.2	<2.1	<2.2	<1.9	<2	<2.2	<2.1	<2.2	<2	<2.1	<2.2	<2.0	<2.0	<2.1	<2.0	<2.0
Nitrobenzene	1,000	140	1,000	9.4	0.1	<2.2	<2.1	<2.2	<1.9	<2	<2.2	<2.1	<2.2	<2	<2.1	<2.2	<2.0	<2.0	<2.1	<2.0	<2.0
2-Nitrophenol	--	--	--	--	--	<0.43	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<4.0	<0.38	<0.41	<0.4	<3.8
4-Nitrophenol	--	--	--	--	--	<2.2	<2.1	<2.2	<1.9	<2	<2.2	<2.1	<2.2	<2	<2.1	<2.2	<2.0	<2.0	<2.1	<2.0	<2.0
N-Nitrosodiphenylamine	0.8	--	18	--	0.00005	<0.079	<0.074	<0.077	<0.066	<0.071	<0.079	<0.073	<0.077	<0.071	<0.073	<0.077	<0.72	<0.069	<0.074	<0.072	<3.8
N-Nitrosodiphenylamine	1,200	--	25,000	--	5.6	<0.43	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<4.0	<0.38	<0.41	<0.4	<3.8
Phenanthrene	24	--	520	--	0.03	<2.2	<2.1	<2.2	<1.9	<2	<2.2	<2.1	<2.2	<2	<2.1	<2.2	<2.0	<2.0	<2.1	<2.0	<2.0
Phenol	1,000,000	--	--	--	--	<0.43	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<4.0	<0.38	<0.41	<0.4	<3.8
Pyrene	61,000	--	61,000	--	4200	<0.43	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<4.0	<0.38	<0.41	<0.4	<3.8
1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	<0.43	<0.41	<0.42	0.53	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<4.0	<0.38	<0.41	<0.4	<3.8
2,4,5-Trichlorophenol	200,000	--	200,000	--	270	<0.43	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<4.0	<0.38	<0.41	<0.4	<3.8
2,4,6-Trichlorophenol	520	390	11,000	540	0.2	<0.43	<0.41	<0.42	<0.36	<0.39	<0.43	<0.4	<0.42	<0.39	<0.4	<0.42	<4.0	<0.38	<0.41	<0.4	<3.8

Notes:
* Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties;
(35 IAC 742, Appendix B, Table B).
Units are in milligrams per kilogram (mg/kg).
-- means there is no SRO for this exposure route.
Results in Bold indicate concentrations exceeding most stringent Tier 1 SROs.
Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.
Analysis by U.S. BioSystems, Boca Raton Florida.

RELEASED
MAR 08 2010
REVIEWER L.D.

TABLE A-3
Polychlorinated Biphenyl Compounds
Soil Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs ^a				Soil Component of GW Ingestion Route SRO ^a		Boring No: Sample Depth:	GP-28 1 ft	GP-28 4.5 ft	GP-30 1.5 ft	GP-30 3 ft	GP-31 2.5 ft	GP-31 Dup 2.5 ft	GP-45 1 ft
	Industrial/Commercial		Construction Worker		Class I	Class II								
	ingestion	inhalation	ingestion	inhalation										
PCB-1016	1	--	1	--	--	--	<0.021	<0.021	<0.019	<0.022	<0.022	<0.022	<0.020	
PCB-1221	1	--	1	--	--	--	<0.021	<0.021	<0.019	<0.022	<0.022	<0.022	<0.020	
PCB-1232	1	--	1	--	--	--	<0.021	<0.021	<0.019	<0.022	<0.022	<0.022	<0.020	
PCB-1242	1	--	1	--	--	--	<0.021	<0.021	<0.019	<0.022	<0.022	<0.022	<0.020	
PCB-1248	1	--	1	--	--	--	<0.021	<0.021	<0.019	<0.022	<0.022	<0.022	<0.020	
PCB-1254	1	--	1	--	--	--	<0.021	<0.021	<0.019	<0.022	<0.022	<0.022	<0.020	
PCB-1260	1	--	1	--	--	--	<0.021	<0.021	<0.019	<0.022	<0.022	<0.022	<0.020	

Notes:

^a Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties;
 (35 IAC 742, Appendix B, Table B).

Units are in milligrams per kilogram (mg/kg).

-- means there is no SRO for this exposure route.

Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.

Analysis by U.S. Biosystems, Boca Raton, Florida.

RELEASE

MAR 08 2010

REVIEWED

TABLE A-3
Polychlorinated Biphenyl Compounds
Soil Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs ^a				Soil Component of GW Ingestion Route SRO ^a		Boring No: Sample Depth:													
	Industrial/Commercial		Construction Worker		Class I	Class II		GP-10	GP-10	GP-6	GP-6	GP-4	GP-13	GP-14	GP-22	GP-23	GP-24A	GP-24A	GP-27	
	Ingestion	Inhalation	Ingestion	Inhalation																
PCB-1016	1	--	1	--	--	--	--	3 ft	1 ft	4 ft	0.75 ft	1 ft	1.5 ft	2 ft	0.5 ft	1 ft	0.5 ft	4.5 ft	1 ft	5 ft
PCB-1221	1	--	1	--	--	--	--	<0.066	<0.066	<0.021	<0.02	<0.02	<0.022	<0.022	<0.020	<0.24	<0.021	<0.021	<0.018	<0.021
PCB-1232	1	--	1	--	--	--	--	<0.066	<0.066	<0.021	<0.02	<0.02	<0.022	<0.022	<0.020	<0.24	<0.021	<0.021	<0.018	<0.021
PCB-1242	1	--	1	--	--	--	--	<0.066	<0.066	<0.021	<0.02	<0.02	<0.022	<0.022	<0.020	<0.24	<0.021	<0.021	<0.018	<0.021
PCB-1248	1	--	1	--	--	--	--	<0.066	<0.066	<0.021	<0.02	<0.02	<0.022	<0.022	<0.020	<0.24	<0.021	<0.021	<0.018	<0.021
PCB-1254	1	--	1	--	--	--	--	<0.066	<0.066	<0.021	<0.02	<0.02	<0.022	<0.022	<0.020	<0.24	<0.021	<0.021	<0.018	<0.021
PCB-1260	1	--	1	--	--	--	--	<0.066	<0.066	<0.021	<0.02	<0.02	<0.022	<0.022	<0.036	<0.24	<0.021	<0.021	<0.018	<0.021

Notes:

^a Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties;

(35 IAC 742, Appendix B, Table B).

Units are in milligrams per kilogram (mg/kg).

-- means there is no SRO for this exposure route.

Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.

Analysis by U.S. Biosystems, Boca Raton, Florida.

RELEASED

MAR 08 2010

REVIEWED AND

TABLE A-4
RCRA Metals
Soil Analytical Results
Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs ^a				Soil Component of GW Ingestion Route SROs ^b		Background Soils	Boring No.	GP-2	GP-2	GP-6	GP-6	GP-9	GP-10	GP-10	GP-11	GP-11	GP-13	GP-14	GP-16
	Industrial/Commercial		Construction Worker		Class I	Class II														
	ingestion	inhalation	ingestion	inhalation																
Arsenic	13	1,200	61	25,000	29	120	13.0		5.8	4.7	9.3	6.1	41	6,500	4,700	18	81	3,600	7.2	26
Barium	140,000	910,000	14,000	870,000	1,700	1,700	110		28	31	60	87	110	140	81	87	63	87	89	78
Cadmium	2,000	2,800	200	59,000	11	110	0.6		<1.2	<1.2	<1.2	<1.2	<1.3	74	<1.3	1.5	11	<1.3	<1.3	<1.2
Chromium	6,100	420	4,100	690	36	6	16.2		22	14	19	20	28	21	23	20	18	22	25	15
Lead	400	--	400	--	0.0075	0.1	36		10	7.7	33	9.5	160	3,000	22	140	330	28	18	15
Selenium	10,000	--	1,000	--	4.5	4.5	0.48		<1.2	<1.2	<1.2	<1.2	<1.3	32	<1.3	<1.4	4.1	<1.3	<1.3	<1.2
Silver	10,000	--	1,000	--	13	6	0.55		<1.2	<1.2	<1.2	<1.2	<1.3	6.8	<1.3	<1.4	<1.1	<1.3	<1.3	<1.2
Mercury	610	540,000	61	52,000	3.3	16	0.06		<0.12	<0.12	<1.2	<1.2	1.4	250	<0.13	0.96	0.18	0.41	<0.13	<0.12

Notes:

^a Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties;

(35 IAC 742, Appendix B, Table B).

^b pH specific SROs from 35 IAC 742 Appendix B Table C. pH of 6.9-7.24 assumed. Lead^{GW} SROs from Appendix B Table B.

^c There is no pH specific SRO for this analyte.

Units are in milligrams per kilogram (mg/kg).

-- means there is no SRO for this exposure route.

Results in **Bold** indicate concentrations exceeding most stringent Tier 1 SROs.

Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.

Analysis by U.S. Biosystems, Boca Raton Florida.

RELEASED

MAR 08 2010

REVIEWED

TABLE A-4
RCRA Metals
Soil Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs ^a			Soil Component of GW Ingestion Route SROs ^b		Background Soils	GP-16	GP-22	GP-23	GP-24A	GP-24A	GP-25	GP-27	GP-27	GP-28	GP-28	GP-30	GP-30
	Industrial/Commercial	Construction Worker	Inhalation	Ingestion	Inhalation													
Arsenic	13	1,200	61	25,000	29	120	13	170	12	1.5	5.8	5.2	1.2	9.9	11	13	1,100	1,400
Barium	140,000	910,000	14,000	870,000	1,700	1,700	34	5,200	110	6.0	30	20	4.3	73	66	100	120	77
Cadmium	2,000	2,800	200	59,000	11	110	<1.2	2.2	<1.4	<1.2	<1.2	<1.2	<1.1	<1.3	3.9	<1.3	35	<1.3
Chromium	6,100	420	4,100	690	36	e	17	25	20	1.9	19	21	1.7	19	30	23	19	23
Lead	400	--	400	--	0.0075	0.1	12	1,800	530	1.6	12	9.3	<1.1	15	66	31	800	15
Selenium	10,000	--	1,000	--	4.5	4.5	<1.2	<1.2	<1.4	<1.2	<1.2	<1.2	<1.1	<1.3	<1.2	<1.3	7.5	<1.3
Silver	10,000	--	1,000	--	13	e	<1.2	6.7	<1.4	<1.2	<1.2	<1.2	<1.1	<1.3	<1.2	<1.3	4.0	<1.3
Mercury	610	540,000	61	52,000	3.3	16	<0.12	2.7	<0.14	<0.12	<0.12	<0.12	<0.11	<0.13	<0.12	<0.13	12	0.33

Notes:

- ^a Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties;
(35 IAC 742, Appendix B, Table B).
- ^b pH specific SROs from 35 IAC 742 Appendix B Table C. pH of 6.9-7.24 assumed. Lead ^{GW} SROs from Appendix B.
- ^c There is no pH specific SRO for this analyte.
- Units are in milligrams per kilogram (mg/kg).
- means there is no SRO for this exposure route.
- Results in **Bold** indicate concentrations exceeding most stringent Tier 1 SROs.
- Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.
- Analysis by U.S. Biosystems, Boca Raton Florida.

RELEASE

MAR 08 2010

REVIEWER MD

ENVIRON

TABLE A-4
RCRA Metals
Soil Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs ^a				Soil Component of GW Ingestion Route SROs ^b		Background Soils	GP-31 2.5 ft	GP-31 DUP 2.5 ft	GP-39 1 ft	GP-39 7 ft	GP-40 2 ft	GP-40 5.5 ft	GP-41 1.3 ft	GP-41 4 ft	GP-42 1 ft	GP-42 6 ft	GP-45 1 ft
	Industrial/Commercial		Construction Worker		Class I	Class II												
	Ingestion	Inhalation	Ingestion	Inhalation														
Arsenic	13	1,200	61	25,000	29	120	13.0	570	26	71	6.4	1,800	1,100	10	7.6	1.5	7.9	5.5
Barium	140,000	910,000	14,000	870,000	1,700	1,700	110	120	86	76	34	96	37	100	68	5.0	56	44
Cadmium	2,000	2,800	200	59,000	11	110	0.6	<1.3	<1.3	<1.1	<1.2	32	<1.2	<1.3	<1.2	<1.2	<1.3	<1.1
Chromium	6,100	420	4,100	690	36	c	16.2	21	24	49	16	22	17	19	26	2.1	21	15
Lead	400	--	400	--	0.0075	0.1	36	19	19	25	12	44	13	15	17	2.1	17	38
Selenium	10,000	--	1,000	--	4.5	4.5	0.48	<1.3	<1.3	<1.1	<1.2	1.6	<1.2	<1.3	<1.2	<1.2	<1.3	<1.1
Silver	10,000	--	1,000	--	13	c	0.55	<1.3	<1.3	<1.1	<1.2	<1.3	<1.2	<1.3	<1.2	<1.2	<1.3	<1.1
Mercury	610	540,000	61	52,000	3.3	16	0.06	<0.13	<0.13	<0.11	<0.12	4.3	<0.12	<0.13	<0.12	<0.13	<0.13	<0.11

Notes:

- ^a Illinois EPA Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties; (35 IAC 742, Appendix B, Table B).
- ^b pH specific SROs from 35 IAC 742 Appendix B Table C. pH of 6.9-7.24 assumed. Lead ^{GW} SROs from Appendix
- ^c There is no pH specific SRO for this analyte.
- Units are in milligrams per kilogram (mg/kg).
- means there is no SRO for this exposure route.
- Results in **Bold** indicate concentrations exceeding most stringent Tier 1 SROs.
- Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.
- Analysis by U.S. Biosystems, Boca Raton Florida.

RELEASEABLE

MAR 08 2010

REVIEWER: J.D. ENVIRON

TABLE A-5
Chlorinated Herbicides and Organochlorine Pesticides
Soil Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Exposure Route-Specific SROs ^a				Soil Component of GW Ingestion Route SRO ^a		Boring No.	GP-10		GP-30		GP-45
	Industrial/Commercial		Construction Worker		Class I	Class II		1 ft	3 ft	1.5 ft	3 ft	
	ingestion	inhalation	ingestion	inhalation								
Chlorinated Herbicides												
Dalapon	61,000	--	6,100	--	0.85	8.5		<0.026	<0.026	<0.022	<0.026	<0.023
MCPP	--	--	--	--	--	--		<7,000	<2,600	<2,200	<2,600	<2,300
Dicamba	--	--	--	--	--	--		<0.026	<0.026	<0.022	<0.026	<0.023
MCPA	--	--	--	--	--	--		<8,300	<0.026	<2,200	<2,600	<2,300
Dichloroprop	--	--	--	--	--	--		<0.026	<0.026	<0.022	<0.026	<0.023
2,4-D	20,000	--	2,000	--	1.5	7.7		<0.026	<0.026	<0.022	<0.026	<0.023
2,4,5-TP	16,000	--	1,600	--	11	55		<0.026	<0.026	<0.022	<0.026	<0.023
2,4,5-T	200,000	--	200,000	--	270	1,400		<0.026	<0.026	<0.022	<0.026	<0.023
Dinoseb	2,000	--	200	--	0.34	3.4		<0.026	<0.026	<0.022	<0.026	<0.023
2,4-DB	--	--	--	--	--	--		<0.039	<0.026	<0.022	<0.026	<0.023
Organochlorine Pesticides												
alpha-BHC	0.9	1.5	20	2.1	0.0005	0.003		<0.0047	<0.0022	<0.057	<0.0022	<0.002
gamma-BHC	4	--	96	--	0.009	0.047		<0.010	<0.0022	<0.057	<0.0022	<0.002
beta-BHC	--	--	--	--	--	--		<0.006	<0.0022	<0.057	<0.0022	<0.002
Heptachlor	1	11	28	16	23	110		<0.0069	<0.0022	<0.0049	<0.0022	<0.00048
delta-BHC	--	--	--	--	--	--		<0.0045	<0.0022	<0.057	<0.0022	<0.002
Aldrin	0.3	6.6	6.1	9.3	0.5	2.5		<0.0039	<0.0022	<0.057	<0.0022	<0.002
Heptachlor Epoxide	0.6	9.2	2.7	13	0.7	3.3		<0.006	<0.0022	<0.057	<0.0022	<0.002
gamma-Chlordane	--	--	--	--	--	--		0.0062	<0.0022	0.0044	<0.0022	<0.002
alpha-Chlordane	1.6	140	100	22	10	48		0.0064	<0.0022	0.0025	<0.0022	<0.002
Endosulfan I	12,000	--	1,200	--	18	90		0.0042	<0.0022	<0.057	<0.0022	<0.002
4,4'-DDE	17	--	370	--	54	270		0.0048	<0.0042	0.0054	<0.0042	0.0077
Dieldrin	0.4	2.2	7.8	3.1	0.004	0.02		<0.0032	<0.0022	0.0043	<0.0022	<0.0038
Endrin	610	--	61	--	1	5		0.026	<0.0042	0.0063	<0.0042	0.0084
4,4'-DDD	24	--	520	--	16	80		<0.0088	<0.0042	0.0043	<0.0042	<0.0038
Endosulfan II	1,200	--	1,200	--	18	90		<0.031	<0.0042	0.0036	<0.0042	<0.0038
4,4'-DDT	17	1,500	100	2100	32	160		0.019	<0.0042	0.015	<0.0042	0.013
Endrin Aldehyde	--	--	--	--	--	--		<0.043	<0.0042	<0.110	<0.0042	<0.0038
Endosulfan Sulfate	--	--	--	--	--	--		<0.043	<0.0042	<0.110	<0.0042	<0.0038
Methoxychlor	10,000	--	1000	--	160	780		<0.088	<0.022	<0.017	<0.022	<0.001
Endrin Ketone	--	--	--	--	--	--		0.030	<0.0042	<0.110	<0.0042	<0.001
Toxaphene	5.2	170	110	240	31	150		<1,300	<0.130	<3,400	<0.130	<0.110

Notes:

^a Illinois EPA Tier I Soil Remediation Objectives (SROs) for Industrial/Commercial Properties:
(35 IAC 742, Appendix B, Table B).

Units are in milligrams per kilogram (mg/kg).

-- means there is no SRO for this exposure route.

Soil Samples obtained from Geoprobe cores, 5/16/05 to 5/18/05.

Analysis by U.S. Biosystems, Boca Raton Florida.

TABLE A-6
Volatile Organic Compounds
Ground Water Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Tier I GRO for Ingestion Exposure*		Temp. Well No.	GPW-2	GPW-10	GPW-16	GPW-18
	Class I	Class II	Screen depth:	-11 to -16 ft	-3 to -8 ft	-7 to -12 ft	-7 to -12 ft
Acetone	0.7	0.7		0.055	<0.02	<0.01	<0.02
Benzene	0.005	0.025		<0.05	<0.001	<0.001	<0.001
Bromodichloromethane	0.0002	0.0002		<0.05	<0.001	<0.001	<0.006
Bromoform	0.001	0.001		<0.001	<0.001	<0.001	<0.001
Bromomethane	--	--		<0.001	<0.002	<0.002	<0.002
2-Butanone (MEK)	--	--		<0.002	<0.001	<0.001	<0.001
Carbon disulfide	0.7	3.5		<0.01	<0.01	<0.01	<0.01
Carbon Tetrachloride	0.005	0.025		<0.001	<0.001	<0.001	<0.001
Chlorobenzene	0.1	0.5		<0.001	<0.001	<0.001	<0.001
Chlorodibromomethane	0.14	0.14		<0.001	<0.001	<0.001	<0.001
Chloroethane	--	--		<0.001	<0.001	<0.001	<0.001
Chloroform	0.0002	0.001		<0.001	<0.001	<0.001	<0.001
Chloromethane	--	--		<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	0.7	3.5		<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	0.005	0.025		<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	0.007	0.035		<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	0.07	0.2		<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	0.1	0.5		<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	0.005	0.025		<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropene (cis & trans)	0.001	0.005		<0.0002	<0.0002	<0.0002	<0.0002
Ethylbenzene	0.7	1		<0.001	<0.001	<0.001	<0.001
2-Hexanone	--	--		<0.01	<0.01	<0.01	<0.01
Methylene chloride	0.005	0.05		<0.005	<0.005	<0.005	<0.005
4-Methyl-2-Pentanone (MIBK)	--	--		<0.01	<0.01	<0.01	<0.01
Methyl tert-butyl ether	0.07	0.07		<0.001	<0.001	<0.001	<0.001
Styrene	0.1	0.5		<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	--	--		<0.0002	<0.0002	<0.0002	<0.0002
Tetrachloroethene	0.005	0.025		<0.001	<0.001	<0.001	<0.001
Toluene	1	2.5		<0.0002	<0.0002	<0.0002	<0.0002
1,1,1-Trichloroethane	0.2	1		<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	0.005	0.05		<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	0.025		<0.001	<0.001	<0.001	<0.001
Vinyl chloride	0.002	0.01		<0.001	<0.001	<0.001	<0.001
Xylenes (total)	10	10		<0.002	0.0025	<0.002	<0.002

Notes:

* Illinois EPA Tier I Groundwater Remediation Objectives (GROs; 35 IAC 742, Appendix B, Table E).

All results in milligrams per liter (mg/L).

-- = No Remediation Objective.

Ground water samples obtained from temporary wells placed in Geoprobe boreholes (no well development) 5/16/05- 5/18/05.

Analysis by U.S. Biosystems, Boca Raton, Florida.

TABLE A-7
Semi-Volatile Organic Compounds
Ground Water Analytical Results
Bedford Industrial Center
Bedford Park, Illinois

Analyte	Tier 1 GRO for Ingestion Exposure*		Temp. Well No.	Screen Depth: -11 to -16 ft	GPW-2	GPW-10	GPW-16	GPW-18
	Class I	Class II						
Acenaphthene	0.42	2.1	NS	<0.001	<0.001	<0.001	<0.001	<0.001
Anthracene	2.1	10.5	NS	0.003	0.001	0.003	0.001	0.001
Benzo(a)anthracene	0.0013	0.0065	NS	0.00099	0.00023	0.00027	0.00027	0.00027
Benzo(a)pyrene	0.0002	0.002	NS	0.00022	0.00022	0.0002	0.0002	0.0002
Benzo(b)fluoranthene	0.00018	0.0009	NS	0.00042	0.00032	0.00038	0.00038	0.00038
Benzo(g,h,i)perylene	0.00017	0.00085	NS	<0.0001	0.00016	0.00012	0.00012	0.00012
Benzo(k)fluoranthene	0.00017	0.00085	NS	0.00025	0.00021	0.00021	0.00021	0.00021
Bis(2-chloroethoxy)methane	0.01	0.01	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Bis(2-chloroethyl)ether	0.006	0.06	NS	<0.004	<0.004	<0.004	<0.004	<0.004
Bis(2-ethylhexyl)phthalate	0.006	0.06	NS	<0.01	<0.01	<0.01	<0.01	<0.01
4-Bromophenyl phenyl ether	1.4	7	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Buyl benzyl phthalate	1.4	7	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Carbazole	NRO	NRO	NS	<0.004	<0.004	<0.004	<0.004	<0.004
4-Chloroaniline	0.028	0.028	NS	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chloro-3-methylphenol	0.028	0.028	NS	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chloroanaphthalene			NS	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlorophenol	0.035	0.175	NS	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlorophenyl phenyl ether	0.0015	0.0075	NS	0.0022	0.00024	0.00022	0.00022	0.00022
Chrysene	0.0015	0.0075	NS	0.0022	0.00024	0.00022	0.00022	0.00022
Dibenzof(a,h)anthracene			NS	<0.0002	0.00012	<0.0002	<0.0002	<0.0002
Dibenzofuran	0.6	1.5	NS	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichlorobenzene	0.6	1.5	NS	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichlorobenzene	0.075	0.375	NS	<0.01	<0.01	<0.01	<0.01	<0.01
1,4-Dichlorobenzene	0.02	0.1	NS	<0.01	<0.01	<0.01	<0.01	<0.01
3,3'-Dichlorobenzidine	0.021	0.021	NS	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053
Diethyl phthalate	5.6	5.6	NS	<0.01	<0.01	<0.01	<0.01	<0.01
2,4-Dimethylphenol	0.14	0.14	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Dimethyl phthalate	0.14	0.7	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Di-N-octyl phthalate	0.14	0.7	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Fluoranthene	0.28	1.4	NS	0.0012	<0.0019	<0.0018	<0.0018	<0.0018
Fluorene	0.28	1.4	NS	0.0044	<0.0019	<0.0018	<0.0018	<0.0018
Hexachlorobenzene	0.00006	0.00003	NS	<0.001	<0.001	<0.001	<0.001	<0.001
Hexachlorocyclopentadiene	0.05	0.5	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Hexachloroethane	0.007	0.035	NS	<0.002	<0.002	<0.002	<0.002	<0.002
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	NS	<0.0001	0.00019	0.00018	0.00018	0.00018
Isophorone	1.4	1.4	NS	<0.01	<0.01	<0.01	<0.01	<0.01
2-Methylphenol	1.4	1.4	NS	<0.01	<0.01	<0.01	<0.01	<0.01
3 & 4-Methylphenol	0.14	0.22	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	0.14	0.22	NS	<0.005	<0.005	<0.005	<0.005	<0.005
2-Nitroaniline			NS	<0.05	<0.05	<0.05	<0.05	<0.05
3-Nitroaniline			NS	<0.05	<0.05	<0.05	<0.05	<0.05
4-Nitroaniline			NS	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrobenzene			NS	<0.004	<0.004	<0.004	<0.004	<0.004
2-Nitrophenol			NS	<0.01	<0.01	<0.01	<0.01	<0.01
4-Nitrophenol			NS	<0.05	<0.05	<0.05	<0.05	<0.05
N-Nitrosodiphenylamine	0.00018	0.00018	NS	<0.004	<0.004	<0.004	<0.004	<0.004
N-Nitroso-N-propylamine	0.0032	0.016	NS	<0.04	<0.04	<0.04	<0.04	<0.04
Pentachlorophenol	0.001	0.005	NS	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018
Phenanthrene			NS	<0.001	<0.001	<0.001	<0.001	<0.001
Phenol	0.1	0.1	NS	<0.001	<0.001	<0.001	<0.001	<0.001
Pyrene	0.21	1.05	NS	0.0086	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene			NS	<0.01	<0.01	<0.01	<0.01	<0.01
2,4,5-Trichlorophenol			NS	<0.004	<0.004	<0.004	<0.004	<0.004
2,4,6-Trichlorophenol			NS	<0.003	<0.003	<0.003	<0.003	<0.003

Notes:
* Illinois EPA Tier 1 Groundwater Remediation Objectives (GROs; 35 IAC 742, Appendix B, Table E).
All results in milligrams per liter (mg/L).

-- = No Remediation Objective.

NS = Samples not analyzed for semi-volatile organic compounds.

Results in **Bold** indicate concentrations exceeding most stringent Tier 1 GROs.

Ground water samples obtained from temporary wells placed in Creoprobe boreholes (no well development) 5/16/05-5/18/05.
Analysis by U.S. Biosystems, Boca Raton, Florida.

TABLE A-8
RCRA Metals
Ground Water Analytical Results

Bedford Industrial Center
Bedford Park, Illinois

Analyte	Tier I GRO for Ingestion Exposure*		Temp. Well No.	GPW-2	GPW-10	GPW-16	GPW-18
	Class I	Class II	Screen Depth:	-11 to -16 ft	-3 to -8 ft	-7 to -12 ft	-7 to -12 ft
Arsenic	0.05	0.2		NS	47	0.044	0.0048
Barium	2	2		NS	0.5	0.014	0.15
Cadmium	0.005	0.05		NS	0.05	<0.005	<0.002
Chromium	0.1	1		NS	0.1	<0.005	0.019
Lead	0.0075	0.1		NS	14	<0.005	0.024
Selenium	0.05	0.05		NS	0.33	<0.01	<0.01
Silver	0.05	NRO		NS	<0.01	<0.01	<0.002
Mercury	0.002	0.01		NS	0.036	<0.0002	<0.0002

Notes:

* Illinois EPA Tier I Groundwater Remediation Objectives (GROs; 35 IAC 742, Appendix B, Table E).

All results in milligrams per liter (mg/L).

-- = No Remediation Objective.

NS = Samples not analyzed for metals.

Results in **Bold** indicate concentrations exceeding most stringent Tier I GROs.

Ground water samples obtained from temporary wells placed in Geoprobe boreholes

(no well development) 5/16/05- 5/18/05. Samples were not filtered.

Analysis by U.S. Biosystems, Boca Raton, Florida.

APPENDIX B

**Laboratory Analytical Data Sheets,
Quality Control/Quality Assurance Data Sheets,
and Chain-of-Custody Forms**

**UST Closure Activities and Soil Sampling
August 2008 prepared by Roux Associates Inc.**

DRAFT

ENVIRONMENTAL CONSULTING & MANAGEMENT
ROUX ASSOCIATES INC



2000 Spring Road, Suite 420
Oak Brook, Illinois 60523
TEL 630-572-3300 FAX 630-572-8841

August 20, 2008

Mr. Philip Engle
Engineer Environmental Affairs
Corporate Design & Construction
Avis Budget Group, Inc.
6 Sylvan Way
Parsippany, New Jersey 07054

**Re: UST Closure Activities and Soil Sampling
Budget Rent A Car System, Inc. Facility
5401 West 65th Street, Bedford Park, Illinois**

Dear Mr. Engle:

Roux Associates, Inc. (Roux) is providing this letter to summarize the UST closure activities and soil sampling occurring at the Budget Rent A Car System, Inc. (Budget) facility located 5401 West 65th Street in Bedford Park, Illinois (Site). According to information provided by Budget, the 12,000-gallon double-walled fiberglass UST was installed in 2003 and was used to store and dispense gasoline for fleet vehicle refueling. Roux understands that the UST system was removed from the Site as part of cessation from Budget's lease agreement. The following is a summary of the UST removal activities and voluntary soil sampling.

UST Removal Activities

Roux contracted K-Plus Mechanical Engineering and Installation (K-Plus) to perform the removal of the UST and associated fueling system components. K-Plus acquired the necessary permits to complete the removal and mobilized to the Site on July 25, 2008. During the first day on Site, K-Plus disconnected the two dispensers, purged product piping lines with compressed nitrogen gas, and removed residual gasoline and fluid from the UST. K-Plus returned to the Site on July 28, 2008 to demolish the dispenser canopy, remove concrete pavement from above the UST, and remove perched groundwater from the gravel backfill surrounding the UST. On July 29, 2008, K-Plus began exposing the top of the UST in preparation for the Office of the State Fire Marshal (OSFM) Storage Tank Safety Specialist's inspection. While removing the stone backfill from above the UST, it began to slowly rise to the surface due to the residual perched groundwater within the gravel backfill. The OSFM Storage Tank Safety Specialist, Mr. Randy Carben, arrived on the Site and confirmed the lower explosive level in the UST was less than 5% and allowed K-Plus to proceed with the removal.

K-Plus removed the UST from the tank pit using an excavator and placed it on the concrete pavement west of the UST excavation for inspection by the OSFM Storage Tank Safety Specialist. The UST was found to be in good condition and no holes were apparent. The UST

excavation was also inspected for signs of a release (odor, staining of fill material, sheen on water), and the Storage Tank Safety Specialist did not observe any evidence of a release. Roux collected samples of fill material (consisting of pea gravel and 3/8" limestone chips) from the walls of the tank pit for screening with a photoionization detector (PID) equipped with a 10.6 eV bulb calibrated with 100 part per million isobutylene gas. The PID did not detect organic vapors in the samples above ambient air conditions. Based on the visual and olfactory evidence, the Storage Tank Safety Specialist determined that no release had occurred from the UST system. However, Mr. Carben would not allow cleaning and destruction of the UST to proceed until K-Plus could supply the members of the cleaning crew with sufficient personal protective equipment (PPE) consisting of supplied air in accordance with 41 Illinois Administrative Code (IAC) Part 170. K-Plus and the Mr. Carben agreed to reschedule the cleaning and destruction activities for August 8, 2008, and returned the backfill material and UST to the UST excavation. Photographs of the UST removal activities are included in the enclosed **Site Photographic Log**.

Roux informed Budget that no soil samples were required due to the no-release determination; however, Roux offered to collect soil samples for Budget's internal use. Per Budget's instruction, Roux collected two soil samples from near the former dispenser location (see **Figure 1** enclosed). Samples were not collected from the tank pit because no native soils were encountered during the removal, and the stone backfill present would not accurately represent subsurface conditions.

The samples collected from the former dispenser locations were placed into laboratory-supplied glassware and placed on ice. The samples were shipped via courier to Prairie Analytical Systems, Inc. under standard chain of custody for analysis of the following gasoline indicator contaminants pursuant to 35 IAC Part 734.400: benzene, toluene, ethyl benzene, xylenes (BTEX), and methyl tert-butyl ether (MTBE). Lead analysis was not performed because of the installation and use of the UST in 2003. Lead gasoline was no longer used for on-road vehicles after approximately 1975.

Sample Results

Roux received the results of the analysis on August 5, 2008. Benzene was detected in sample PP-1 at a concentration of 0.011 milligrams per kilogram (mg/kg), and toluene was detected in sample PP-2 at 0.045 mg/kg. No other indicator contaminants were detected in the samples (see **Table 1** enclosed). Although small concentrations of benzene and toluene were detected, the concentrations are below the most stringent Tier 1 exposure route-specific values for residential and industrial/commercial properties as defined in the Illinois Environmental Protection Agency's (IEPA) Tiered Approach to Corrective Action Objectives (TACO).

No evidence of a release was present during the UST-system removal. The constituents present in the soil are consistent with diesel impacts, and may be residual impacts due to the diesel UST release reported at the Site in November 1993.

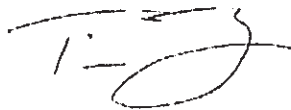
Mr. Philip Engle
August 20, 2008
Page 3

Roux's visual assessment of the UST, soil backfill, and stone backfill did not reveal apparent evidence of a release. Roux's field screening with the PID did not reveal evidence of elevated VOC concentrations. The analytical results did not reveal concentrations consistent with a recent release. Based on these observations, Roux believes the Budget UST is not the source of the release and the elevated parameters (benzene and toluene) are consistent with the historic diesel release at the Site.

If you have any questions or comments regarding this matter, please do not hesitate to contact us at 630-572-3300.

Sincerely,

ROUX ASSOCIATES, INC.



Timothy Zei
Staff Geologist



Scott Knoepke, PE, PG
Senior Engineer



Timothy Adams, PG
Principal Hydrogeologist
Office Manager

Enclosures

SITE PHOTOGRAPHIC LOG

DRAFT

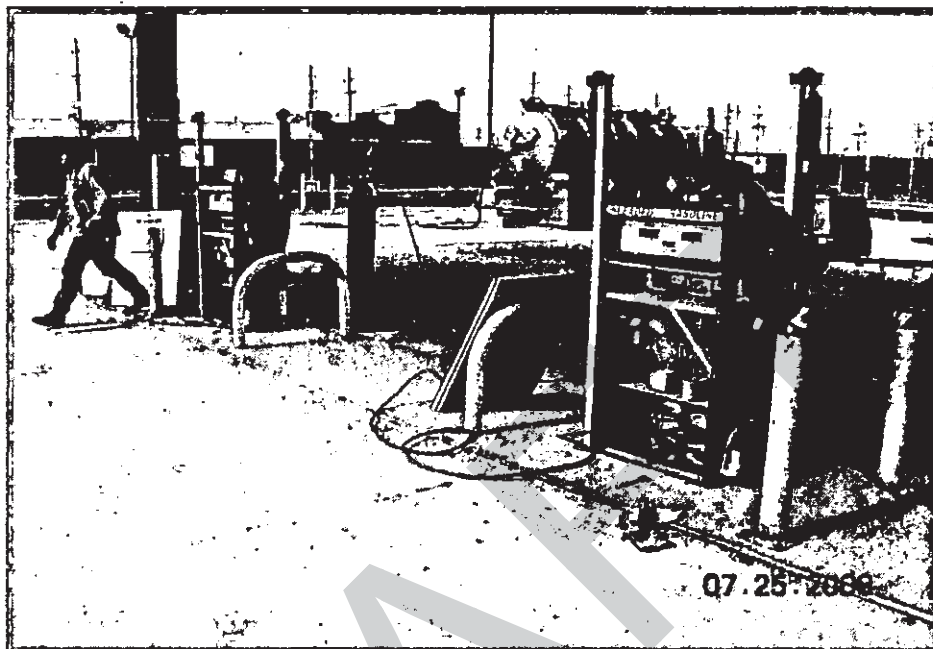
Site Photographic Log

July/August 2008 Photographs

Avis Budget Group - 5401 W. 65th St., Bedford Park

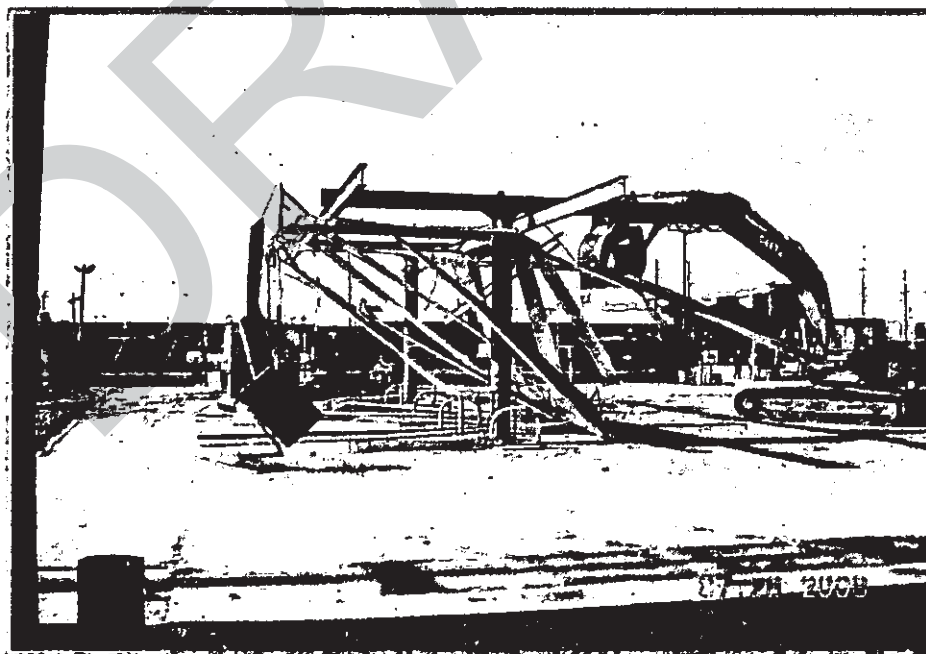
ABG1542.00211000

Photo 1



View of K-Plus clearing product piping lines and removing residual fuel from UST.

Photo 2



K-Plus removed the dispensers prior to demolishing the canopy.

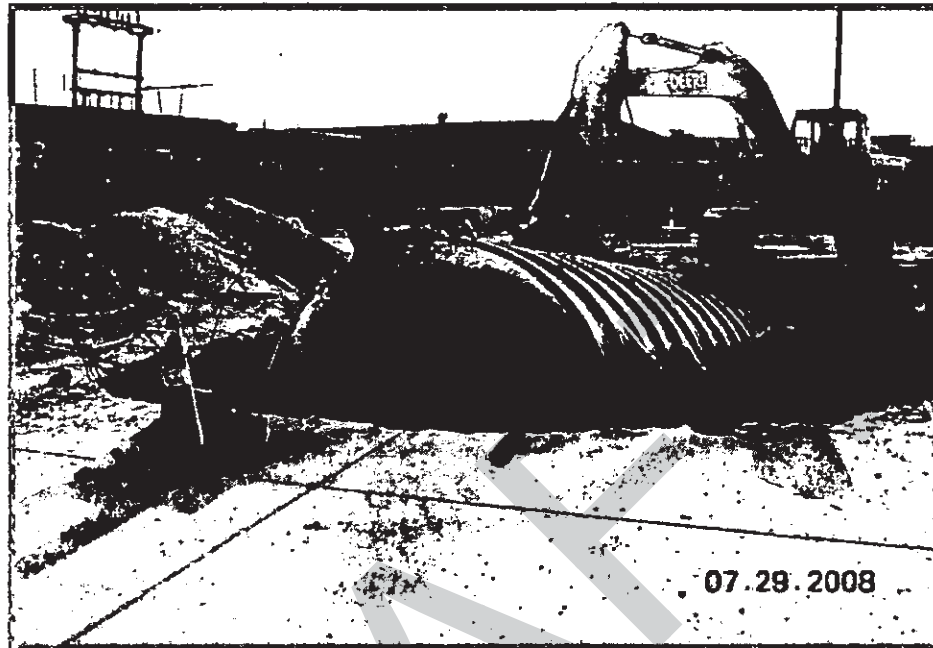
Site Photographic Log

July/August 2008 Photographs

Avis Budget Group - 5401 W. 65th St., Bedford Park

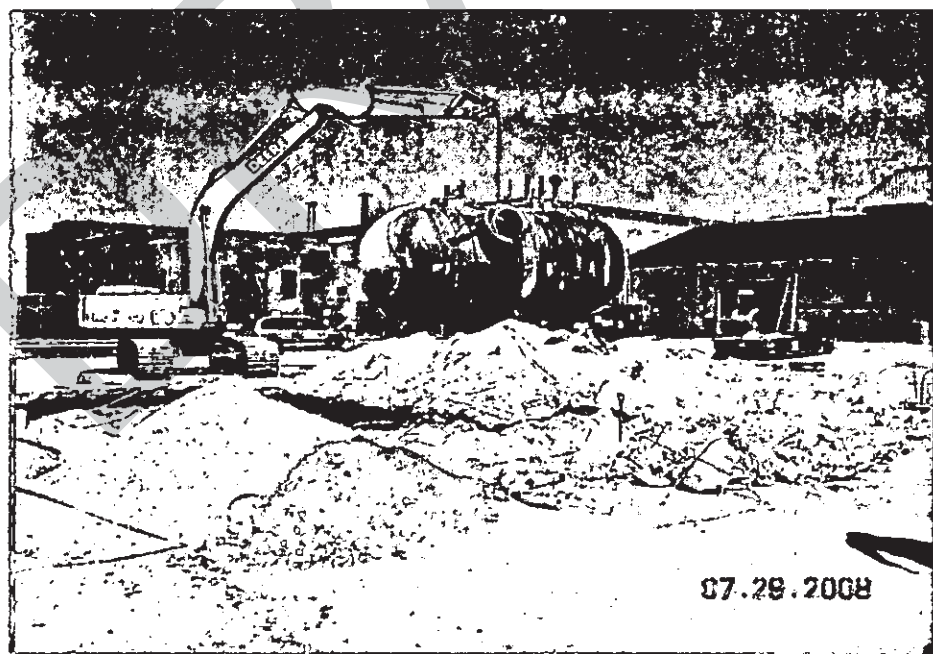
ABG1542.00211000

Photo 3



UST slowly surfaced while exposing the top of the tank.

Photo 4



K-Plus removes the UST from the tank excavation for the OSFM Storage Tanks Safety Specialist to inspect.

Site Photographic Log

July/August 2008 Photographs

Avis Budget Group - 5401 W. 65th St., Bedford Park

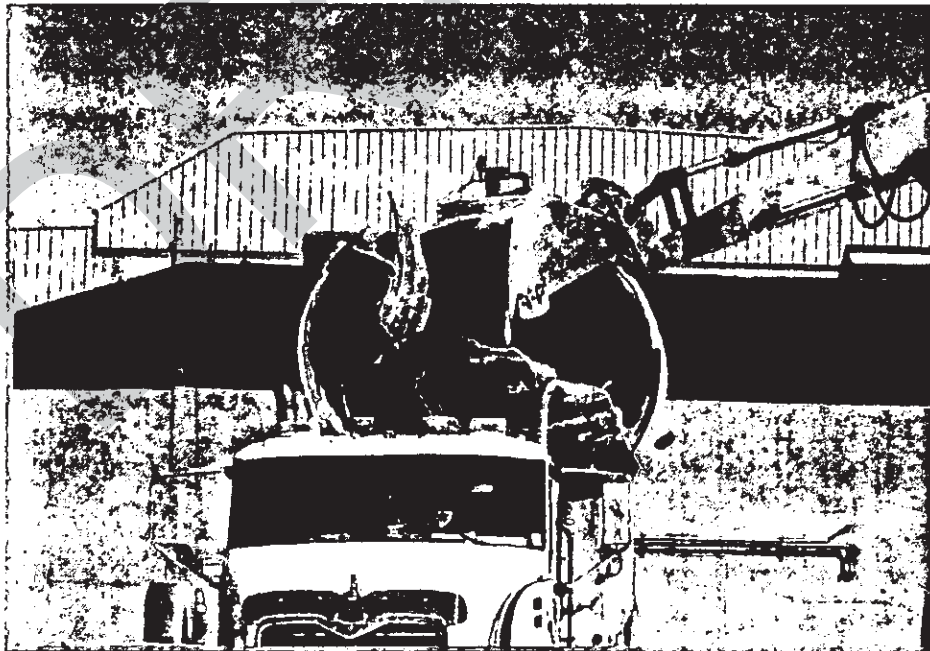
ABG1542.00211000

Photo 5



K-Plus returned to the Site to clean the UST prior to disposal.

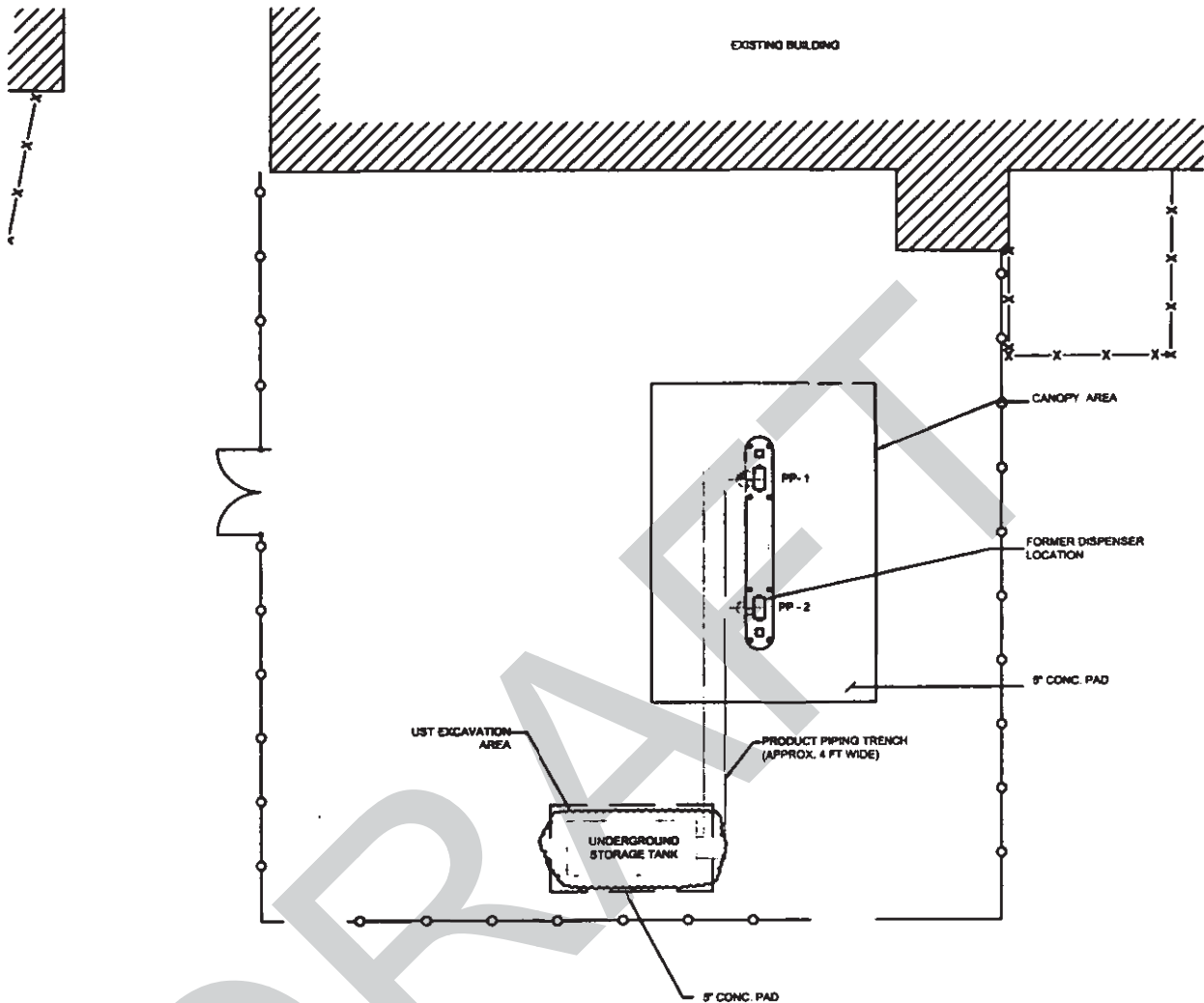
Photo 6



After cleaning, the UST was placed on a truck, demolished, and hauled off-Site for disposal.

FIGURE

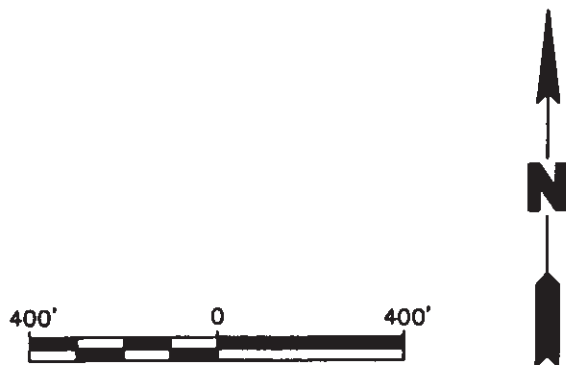
DRAFT



LEGEND

PP-1 SOIL SAMPLE LOCATION

NOTE: SITE PLAN FILE PROVIDED BY
AVIS BUDGET GROUP



Title:			
SOIL SAMPLE LOCATION MAP			
5401 WEST 65TH STREET BEDFORD PARK, ILLINOIS			
Prepared For:			
AVIS BUDGET GROUP			
ROUX ROUX ASSOCIATES, INC. Environmental Consulting and Management	Compiled by: ---	Date: 08/08/08	FIGURE
	Prepared by: MI	Scale: AS SHOWN	
	Project Mgr: TZ	Project:	
	File: ABG1542.00211000.102.01		
			1

TABLE

DRAFT

Table 1
Soil Analytical Results - BTEX & MTBE
Avis Budget Group, Inc.
Bedford Park, Illinois

Chemical Name	Exposure Route-Specific Values*						Soil Component of GW Ingestion Route Values*		Sample ID	
	Residential Properties		Industrial/Commercial		Construction Worker		Class I	Class II	PP-1	PP-2
	Ingestion	Inhalation	Ingestion	Inhalation	Ingestion	Inhalation				
VOCs										
Benzene	12	0.8	100	1.6	2300	2.2	0.03	0.17	0.011	< 0.005
Ethylbenzene	7800	400	200000	400	20000	58	13	19	< 0.006	< 0.005
Methyl tert-butyl ether	780	8800	20000	8800	2000	140	0.32	0.32	< 0.006	< 0.005
Toluene	16000	650	410000	650	410000	42	12	29	< 0.006	0.045
Xylenes, Total	160000	320	410000	320	41000	5.6	150	150	< 0.017	< 0.016

* Illinois EPA Tier 1 Soil Remediation Objectives for Industrial/Commercial Properties; 35 IAC 742, Appendix B, Table B & (EPA Non-TACO Guidance

All results are reported as mg/kg-dry unless otherwise noted.

Bold/Shaded results indicate concentrations exceeding most stringent Tier 1 Values

Grey shaded values are the most stringent Tier 1 values for Industrial/Commercial Properties

TABLE 8
RCRA Metals
Exceedances of Tier 1 Groundwater Remediation Objectives (GROs)

Bedford Industrial Center
Bedford Park, Illinois

Analyte	<i>Tier 1 GRO for Ingestion Exposure*</i>		Temp. Well No.:	GPW-10**
	<i>Class I</i>	<i>Class II</i>	Screen Depth:	-3 to -8 ft
Arsenic	0.05	0.2		47
Lead	0.0075	0.1		14
Selenium	0.05	0.05		0.33
Mercury	0.002	0.01		0.036

Notes:

* Illinois EPA Tier 1 GROs (35 IAC 742, Appendix B, Table E).

**Exceedances of the GROs are not likely to require additional investigation and/or remediation as Bedford Park has a groundwater use restriction ordinance that has been recognized by Illinois EPA for use as an environmental institutional control.

Units are in milligrams per liter (mg/L).

Results in **Bold** indicate concentrations exceeding most stringent Tier 1 GROs.

Wells were not developed and samples were not filtered.

APPENDIX B

Soil Boring Logs

DRAFT



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring No. MW-1

Contractor: C.S. Drilling

Drill Crew:

Drilling Method:
Hollow Stem Auger

Sampling Device:
4 foot acetate tube

Project Name and Location:

5401 W. 65th Street
Bedford Park, IL

Date Started:
9/09/08

Date Finished:
09/10/08

Ground Surface Elevation:

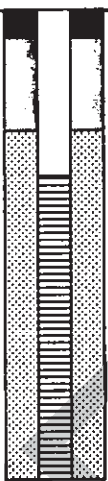
Top of Casing Elevation: 100.00

Logged by: Laura Seeber

Protective cover:
Flush Mount

Well Construction Information: 2 inch PVC

Water Level at Completion:

DEPTH (ft bgs)	PID (units)	Recovery Inches	WELL CONSTRUCTION	SAMPLE DESCRIPTION / DRILLING CONDITIONS
0				Ground Surface - Asphalt
2	0	36		Sand and Gravel
4	0.4			Brown silty clay, some sand, moist
6	0.3	33		Dark brown sandy clay, wet at 6'
8	2			
10	1.4	42		
12	0.8			Dark brown silty clay, trace sand, wet
14	0.3	45		
16	0.3			
				End of boring at 16 feet

* Sample submitted for analysis
End of boring at 16 feet bgs.
bgs = below ground surface
PID = Photoionization detector

Concrete
0.01 Slotted PVC Screen
2" diameter PVC casing grouted in place.
#5 Quartz Sand Filter Pack
Bentonite Chips



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring No. MW-2

Contractor: C.S. Drilling

Drill Crew:

Drilling Method:
Hollow Stem Auger

Sampling Device:
4 foot acetate tube

Project Name and Location:

5401 W. 65th Street
Bedford Park, IL

Date Started:
9/10/08

Date Finished:
9/10/08

Ground Surface Elevation:

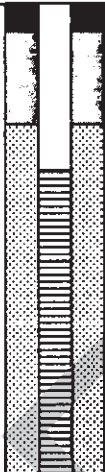
Top of Casing Elevation: 98.29

Logged by: Laura Seeber

Protective cover:
Flush Mount

Well Construction Information: 2 inch PVC

Water Level at Completion:

DEPTH (ft bgs)	PID (units)	Recovery Inches	WELL CONSTRUCTION	SAMPLE DESCRIPTION / DRILLING CONDITIONS
0				Ground Surface - Asphalt
2	2.9	33		Gravel and Sand
4	3.2			Light brown sand trace clay grading to brown silty clay, moist
6	4.8	24		Brown sand, wet at 6'
8	3.1			Dark grey silty clay some sand, trace gravel, wet
10	2.6	21		Dark Brown sand, wet
12	2.4			End of Boring at 16' Feet.
14	2.4	12		
16	2.1			

* Sample submitted for analysis
End of boring at 16 feet bgs.
bgs = below ground surface
PID = Photoionization detector

Concrete
0.01 Slotted PVC Screen
2" diameter PVC casing grouted in place.
#5 Quartz Sand Filter Pack
Bentonite Chips



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring No. MW-3

Contractor: C.S. Drilling

Drill Crew:

Drilling Method:
Hollow Stem Auger

Sampling Device:
4 foot acetate tube

Project Name and Location:

5401 W. 65th Street
Bedford Park, IL

Date Started:
9/11/08

Date Finished:
9/11/08

Ground Surface Elevation:

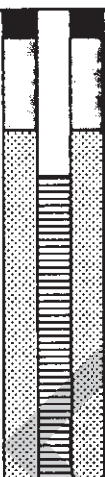
Top of Casing Elevation: 96.56

Logged by: Laura Seeber

Protective cover:
Flush Mount

Well Construction Information: 2 inch PVC

Water Level at Completion:

DEPTH (ft bgs)	PID (units)	Recovery Inches	WELL CONSTRUCTION	SAMPLE DESCRIPTION / DRILLING CONDITIONS
0				Ground Surface - Asphalt
2	0	42		Gravel
4	0			
6	0	36		
8	0			
10	0	45		Brown mottled gray silty clay, trace gravel, wet at 10'
12	0			
14	0	45		
16	0			

* Sample submitted for analysis

End of boring at 16 feet bgs.

bgs = below ground surface

PID = Photoionization detector

Concrete

0.01 Slotted PVC Screen

2" diameter PVC casing grouted in place.

#5 Quartz Sand Filter Pack

Bentonite Chips



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring No. MW-4

Contractor: C.S. Drilling

Drill Crew:

Drilling Method:
Hollow Stem Auger

Sampling Device:
4 foot acetate tube

Project Name and Location:

5401 W. 65th Street
Bedford Park, IL

Date Started:
9/11/08

Date Finished:
9/11/08

Ground Surface Elevation:

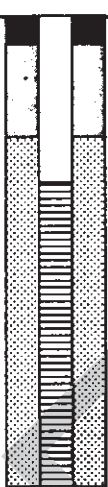
Top of Casing Elevation: 98.17

Logged by: Laura Seeber

Protective cover:
Flush Mount






Well Construction Information: 2 inch PVC

Water Level at Completion:

DEPTH	PID	Recovery	WELL	SAMPLE DESCRIPTION / DRILLING CONDITIONS
(ft bgs)	(units)	Inches	CONSTRUCTION	
0				Ground Surface - Asphalt
2	4	45		<i>Dark brown silty clay, trace sand and gravel grading to a light brown, moist, wet at 6'</i>
4	3.4			
6	1.2	48		
8	1.1			
10	1	45		
12	0.8			
14	0.4	36		
16	0.6			

End of boring at 16 feet.

* Sample submitted for analysis
End of boring at 16 feet bgs.
bgs = below ground surface
PID = Photoionization detector

	Concrete
	0.01 Slotted PVC Screen
	2 inch diameter PVC casing grouted in place.
	#5 Quartz Sand Filter Pack
	Bentonite Chips



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring No.	MW-5	Drilling Method:	Hollow Stem Auger
Contractor:	C.S. Drilling	Sampling Device:	4 foot acetate tube
Drill Crew:			
Date Started:	9/11/08	Date Finished:	9/11/08
Logged by:	Laura Seeber	Protective cover:	Flush Mount

Project Name and Location:

5401 W. 65th Street
Bedford Park, IL

Ground Surface Elevation:

Top of Casing Elevation: 100.20

Well Construction Information:

2 inch PVC

Water Level at Completion:

DEPTH (ft bgs)	PID (units)	Recovery Inches	WELL CONSTRUCTION	SAMPLE DESCRIPTION / DRILLING CONDITIONS
0				Ground Surface - Asphalt
2	0	36		Brown sandy clay, moist
4	0.6			Dark brown silty sand, moist
6	1.2	33		
8	2.3			
10	1.8	42		Dark brown silty clay, wet at 7'
12	0.4			
14	0.3	36		
16	0.1			
				End of boring at 16 feet.

* Sample submitted for analysis

End of boring at 16 feet bgs.

bgs = below ground surface

PID = Photoionization detector

	Concrete
	0.01 Slotted PVC Screen
	2 inch diameter PVC casing grouted in place.
	#5 Quartz Sand Filter Pack
	Bentonite Chips



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring Number:

ETS -1

Project Name and Location:

5401 W. 65th Street
Bedford Park, IL

Date Started:

9/9/2008

Date Finished:

9/9/2008

Contractor:

C. S. Drilling

Drilling Method:

Direct Push

Project Number:

08-405A

Logged by:

Laura Seeber

DEPTH (feet bgs)	SAMPLE DEVICE	PID (units)	RECOVERY (inches)	LITHOLOGY	SAMPLE DESCRIPTION / DRILLING CONDITIONS
0					Ground Surface Asphalt
2	MC	0.4	45		Brown sand and gravel, little clay, moist
4		0.8			Dark brown silty clay, trace sand, moist
6	MC	1.3*	18		End of boring at 6 feet

End of boring at 6 feet bgs
bgs = below ground surface
PID = Photionization detector
MC = Macro-Core
* Submitted for Analysis

Groundwater Data:
Depth While Drilling - Not
Encountered

Note: Stratification Lines are
approximate; in-situ transition between
soil types may be gradual

	SAND		SANDY CLAY		COBBLE/GRAVEL
	SILT		SILTY CLAY		TOPSOIL
	CLAY		SANDY SILTY CLAY		CONCRETE
	SANDY SILT		BEDROCK		ASPHALT



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring Number:

ETS-2

Project Name and Location:

5401 W. 65th Street
Bedford Park, IL

Date Started:

9/9/2008

Date Finished:

9/9/2008

Contractor:

C. S. Drilling

Drilling Method:


Direct Push

Project Number:

08-405A

Logged by:













Laura Seeber

DEPTH (feet bgs)	SAMPLE DEVICE	PID (units)	RECOVERY (inches)	LITHOLOGY	SAMPLE DESCRIPTION / DRILLING CONDITIONS
0					Ground Surface Asphalt
2	MC	0	42		Light gray sand and gravel
4		0.4			Dark brown silty clay, trace sand, wet at 5' grading to sandy clay
6	MC	0.5*	45		
8		0.3			Dark brown mottled gray silty clay, trace sand, wet
					End of Boring at 8 Feet

End of boring at 8 feet bgs
bgs = below ground surface
PID = Photionization detector
MC = Macro-Core
* Submitted for Analysis

Groundwater Data:
Depth While Drilling - 5'

Note: Stratification Lines are
approximate; in-situ transition between
soil types may be gradual

	SAND		SANDY CLAY		COBBLE/GRAVEL
	SILT		SILTY CLAY		TOPSOIL
	CLAY		SANDY SILTY CLAY		CONCRETE
	SANDY SILT		BEDROCK		ASPHALT



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring Number:

ETS-3

Project Name and Location:

5401 W. 65th Street

Bedford Park, IL

Date Started:

9/9/2008

Date Finished:

9/9/2008

Contractor:

C. S. Drilling

Drilling Method:














Direct Push

Project Number:

08-405A

Logged by:

Laura Seeber

DEPTH (feet bgs)	SAMPLE DEVICE	PID (units)	RECOVERY (inches)	LITHOLOGY	SAMPLE DESCRIPTION / DRILLING CONDITIONS		
0					Ground Surface Asphalt		
2	MC	0.4	36		Sand and Gravel		
4		0.6			Brown silty clay, little sand, trace gray, moist		
6	MC	1.9*	12		End of boring at 6 feet		
End of boring at 6 feet bgs bgs = below ground surface PID = Photionization detector MC = Macro-Core * Submitted for Analysis				Groundwater Data: Depth While Drilling - Not Encountered	Note: Stratification Lines are approximate; in-situ transition between soil types may be gradual		
	SAND				SANDY CLAY		COBBLE/GRAVEL
	SILT				SILTY CLAY		TOPSOIL
	CLAY				SANDY SILTY CLAY		CONCRETE
	SANDY SILT				BEDROCK		ASPHALT



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring Number:

ETS-4

Project Name and Location:

5401 W. 65th Street
Bedford Park, IL

Date Started:

9/9/2008

Date Finished:

9/9/2008

Contractor:

C. S. Drilling

Drilling Method:


Direct Push

Project Number:

08-405A

Logged by:













Laura Seeber

DEPTH (feet bgs)	SAMPLE DEVICE	PID (units)	RECOVERY (inches)	LITHOLOGY	SAMPLE DESCRIPTION / DRILLING CONDITIONS
0					Ground Surface Asphalt
2	MC	0	42		Light gray sand and gravel
4		0			Dark brown sandy silty clay, moist
6	MC	0.2*	9		End of Boring at 6 feet

End of boring at 6 feet bgs
bgs = below ground surface
PID = Photionization detector
MC = Macro-Core
* Submitted for Analysis

Groundwater Data:
Depth While Drilling - Not
Encountered

Note: Stratification Lines are
approximate; in-situ transition between
soil types may be gradual

	SAND		SANDY CLAY		COBBLE/GRAVEL
	SILT		SILTY CLAY		TOPSOIL
	CLAY		SANDY SILTY CLAY		CONCRETE
	SANDY SILT		BEDROCK		ASPHALT



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring Number:

ETS-5

Project Name and Location:

5401 W. 65th Street

Bedford Park, IL

Date Started:

9/9/2008

Date Finished:

9/9/2008

Contractor:

C. S. Drilling

Drilling Method:

Direct Push

Project Number:

08-405A

Logged by:

Laura Seeber

DEPTH (feet bgs)	SAMPLE DEVICE	PID (units)	RECOVERY (inches)	LITHOLOGY	SAMPLE DESCRIPTION / DRILLING CONDITIONS		
0					Ground Surface Asphalt		
2	MC	0.4	39		Brown mottled gray silty clay some gravel and sand, moist		
4		0.3			Dark brown silty clay, trace gravel, moist		
6	MC	1.1*	15		End of Boring at 6 feet		
End of boring at 6 feet bgs bgs = below ground surface PID = Photionization detector MC = Macro-Core * Submitted for Analysis				Groundwater Data: Depth While Drilling - Not Encountered	Note: Stratification Lines are approximate; in-situ transition between soil types may be gradual		
	SAND				SANDY CLAY		COBBLE/GRAVEL
	SILT				SILTY CLAY		TOPSOIL
	CLAY				SANDY SILTY CLAY		CONCRETE
	SANDY SILT				BEDROCK		ASPHALT



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring Number:

ETS-6

Project Name and Location:

5401 W. 65th Street

Bedford Park, IL

Date Started:

9/9/2008

Date Finished:

9/9/2008

Contractor:

C. S. Drilling

Drilling Method:














Direct Push

Project Number:

08-405A

Logged by:

Laura Seeber

DEPTH (feet bgs)	SAMPLE DEVICE	PID (units)	RECOVERY (inches)	LITHOLOGY	SAMPLE DESCRIPTION / DRILLING CONDITIONS		
0					Ground Surface Asphalt		
2	MC	0	45		Light gray Sand and Gravel, trace clay		
4		0.3			Dark brown mottled gray silty clay, moist		
6	MC	0.5*	21		End of Boring at 6 feet		
End of boring at 6 feet bgs bgs = below ground surface PID = Photionization detector MC = Macro-Core * Submitted for Analysis				Groundwater Data: Depth While Drilling - Not Encountered	Note: Stratification Lines are approximate; in-situ transition between soil types may be gradual		
	SAND				SANDY CLAY		COBBLE/GRAVEL
	SILT				SILTY CLAY		TOPSOIL
	CLAY				SANDY SILTY CLAY		CONCRETE
	SANDY SILT				BEDROCK		ASPHALT



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring Number:

ETS-7

Project Name and Location:

5401 W. 65th Street

Bedford Park, IL

Date Started:

9/9/2008

Date Finished:

9/9/2008

Contractor:

C. S. Drilling

Drilling Method:

Direct Push

Project Number:

08-405A

Logged by:

Laura Seeber

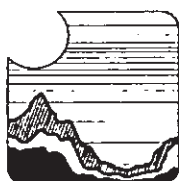
DEPTH (feet bgs)	SAMPLE DEVICE	PID (units)	RECOVERY (inches)	LITHOLOGY	SAMPLE DESCRIPTION / DRILLING CONDITIONS
0					Ground Surface Concrete Floor
2	MC	0.6	3.25		Concrete Flooring
4		1.3"			Dark brown silty clay, moist, some sand and gravel
6	MC	1.1"	3		Dark brown mottled gray silty clay, wet at 7'
8		0.8			
					End of Boring at 8 feet

End of boring at 8 feet bgs
bgs = below ground surface
PID = Photionization detector
MC = Macro-Core
* Submitted for Analysis

Groundwater Data:
Depth While Drilling - 7'

Note: Stratification Lines are
approximate; in-situ transition
between soil types may be gradual

	SAND		SANDY CLAY		COBBLE/GRAVEL
	SILT		SILTY CLAY		TOPSOIL
	CLAY		SANDY SILTY CLAY		CONCRETE
	SANDY SILT		BEDROCK		ASPHALT



ETS
ENVIRONMENTAL &
ASSOCIATES, INC.

Boring Number:

ETS-8

Project Name and Location:

5401 W. 65th Street

Bedford Park, IL

Date Started:

9/9/2008

Date Finished:

9/9/2008

Contractor:

C. S. Drilling

Drilling Method:


Direct Push

Project Number:

08-405A

Logged by:













Laura Seeber

DEPTH (feet bgs)	SAMPLE DEVICE	PID (units)	RECOVERY (inches)	LITHOLOGY	SAMPLE DESCRIPTION / DRILLING CONDITIONS
0					Ground Surface Concrete Floor
2	MC	0.6	39		0.0 - 2.0 Concrete Flooring
4		1.3*			
6	MC	1.1*	36		Brown mottled gray silty clay, moist, trace gravel and sand, wet at 6'
8		0.8			
					End of Boring at 8 Feet

End of boring at 8 feet bgs
bgs = below ground surface
PID = Photionization detector
MC = Macro-Core
* Submitted for Analysis

Groundwater Data:
Depth While Drilling - 6'

Note: Stratification Lines are
approximate; in-situ transition
between soil types may be gradual

	SAND		SANDY CLAY		COBBLE/GRAVEL
	SILT		SILTY CLAY		TOPSOIL
	CLAY		SANDY SILTY CLAY		CONCRETE
	SANDY SILT		BEDROCK		ASPHALT

APPENDIX C

Hydraulic Conductivity Test Results

DRAFT

Data Set: I:\projects\2008\08-0405\ETS Investigation\mw-1.aqt
 Title: Slug Test
 Date: 12/05/08
 Time: 09:47:36

PROJECT INFORMATION

Company: ETS Environmental
 Client: Sitex Realty
 Project: 08-0405
 Location: Bedford Park, IL
 Test Date: 10/7/08
 Test Well: MW-1

AQUIFER DATA

Saturated Thickness: 20. ft
 Anisotropy Ratio (K_z/K_r): 1.

SLUG TEST WELL DATA

Initial Displacement: 5.75 ft
 Casino Radius: 0.08333 ft
 Wellbore Radius: 0.3542 ft
 Well Skin Radius: 0.3542 ft
 Screen Length: 10. ft
 Total Well Penetration Depth: 9.02 ft
 Corrected Casino Radius (Bouwer-Rice Method): 0.1912 ft
 Gravel Pack Porosity: 0.25

No. of observations: 23

		Observation Data			
Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0.	5.75	2.	5.32	5.	5.01
0.25	5.65	2.25	5.28	6.	4.93
0.5	5.57	2.5	5.25	7.	4.87
0.75	5.5	2.75	5.22	8.	4.81
1.	5.46	3.	5.18	9.	4.75
1.25	5.42	3.5	5.13	10.	4.69
1.5	5.38	4.	5.08	15.	4.45
1.75	5.35	4.5	5.05		

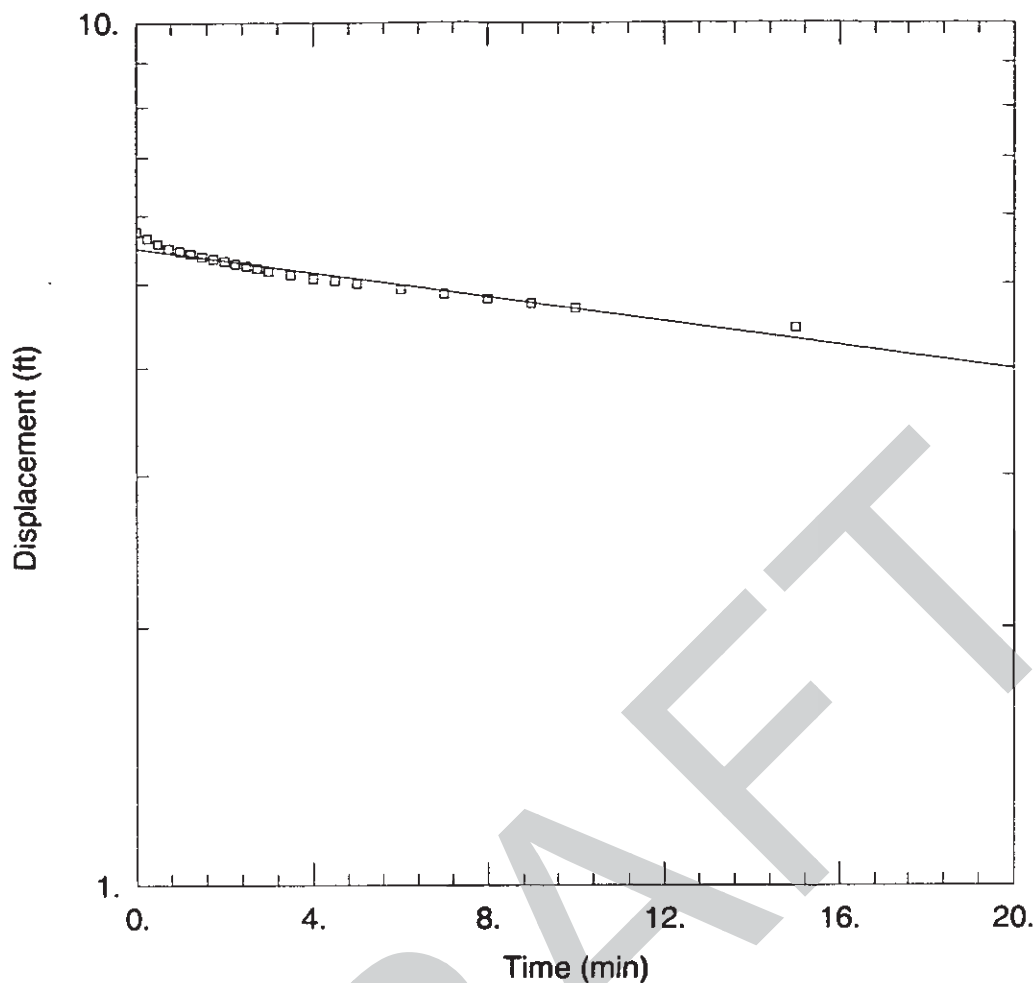
SOLUTION

Aquifer Model: Unconfined
 Solution Method: Bouwer-Rice

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	3.166E-05	cm/sec
y_0	5.499	ft



SLUG TEST

Data Set: I:\projects\2008\08-0405A\ETS Investigation\mw-1.aqt

Date: 12/05/08

Time: 09:47:47

PROJECT INFORMATION

Company: ETS Environmental

Client: Sitex Realty

Project: 08-0405

Test Location: Bedford Park, IL

Test Well: MW-1

Test Date: 10/7/08

AQUIFER DATA

Saturated Thickness: 20. ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA (MW-1)

Initial Displacement: 5.75 ft

Casing Radius: 0.08333 ft

Wellbore Radius: 0.3542 ft

Well Skin Radius: 0.3542 ft

Screen Length: 10. ft

Total Well Penetration Depth: 9.02 ft

Gravel Pack Porosity: 0.25

SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 3.166E-05$ cm/sec

$y_0 = 5.499$ ft

WELL NUMBER MW-1

Project Number: 08-0405
Collected by: DJW
Date collected: 10/7/2008

Data gathered with timer and water level indicator? YES NO

Initial depth to water before starting the test (static water level)?	5.90
Depth to water immediately after slug removed/inserted/water bailed	11.65
Total depth of well	14.92

[illegible]

Note: Test should be run until there is 95% recovery in the well or for 45 minutes (whichever occurs first)

APPENDIX D

Legal Description

DRAFT

EXHIBIT 'A'

(LEGAL DESCRIPTION)

PARCEL 1: INTENTIONALLY OMITTED

PARCEL 2:

LOT 'A' AND A PART OF LOTS 7 AND 8 IN THE FIFTH INDUSTRIAL SUBDIVISION, CLEARING, ILLINOIS, A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, ALSO A PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 21, ALL OF WHICH IS DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF LOT 'A' AFORESAID; THENCE SOUTH ALONG THE WEST LINE THEREOF TO A POINT 3.09 FEET SOUTH OF THE NORTHEAST CORNER OF LOT 7 AFORESAID; THENCE SOUTHWESTERLY ON A CURVED LINE, CURVE CONVEX TO THE SOUTHEAST, TANGENT TO THE EAST LINE OF SAID LOT 7, RADIUS 278.94 FEET, A DISTANCE OF 289.70 FEET TO AN INTERSECTION WITH THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8; THENCE EAST ALONG THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8, A DISTANCE OF 153.56 FEET TO A POINT 16.83 FEET WEST OF THE EAST LINE OF LOT 8; THENCE NORTHEASTERLY ON A CURVED LINE, CURVE CONVEX TO THE SOUTHEAST, RADIUS 310.62 FEET, A DISTANCE OF 334.80 FEET TO THE POINT OF TANGENCY OF SAID CURVE, LYING ON THE EAST LINE OF THE WEST 146.80 FEET OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21 AFORESAID; SAID POINT ALSO BEING 980.00 FEET SOUTH OF THE NORTH LINE OF SAID QUARTER QUARTER SECTION; THENCE NORTHERLY 40.01 FEET TO A POINT 147.80 FEET EAST OF THE WEST LINE AND 940.00 FEET SOUTH OF THE NORTH LINE OF SAID SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21; THENCE NORTH PARALLEL TO THE WEST LINE OF SAID QUARTER QUARTER SECTION, A DISTANCE OF 890.00 FEET; THENCE WEST, A DISTANCE OF 180.80 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

PARCEL 3:

LOT 1 OF FIFTH INDUSTRIAL SUBDIVISION ALSO DESCRIBED AS:

THE SOUTH 980.00 FEET OF THE NORTH 1030.00 FEET OF THE WEST 900.00 FEET OF THE EAST 933.00 FEET OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, (EXCEPT THAT PART THEREOF LYING SOUTH OF A LINE, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE EAST LINE OF TRACT AND 20.00 FEET NORTH OF THE SOUTHEAST CORNER THEREOF; THENCE WEST AND PARALLEL TO AND 20.00 FEET FROM THE SOUTH LINE, A DISTANCE OF 750.00 FEET; THENCE SOUTHWESTERLY IN A STRAIGHT LINE TO A POINT IN THE SOUTH LINE OF THE AFORESAID TRACT, WHICH IS 50.00 FEET EAST OF THE SOUTHWEST CORNER THEREOF);

EXCEPTING FROM THE AFORESAID PARCEL 3, THE FOLLOWING DESCRIBED PROPERTY CONTAINED IN SPECIAL WARRANTY DEED TO ROSE MEER DATED JANUARY 28, 1969 AND RECORDED MARCH 28, 1969 AS DOCUMENT 20793392:

THAT PART OF LOTS 1, 2, 4, 7 AND 8 IN FIFTH INDUSTRIAL SUBDIVISION CLEARING, ILLINOIS, A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF LOT 2 AND THE NORTHWEST CORNER OF LOT 1; THENCE SOUTH ON THE EAST LINE OF SAID LOT 2 AND THE WEST LINE OF SAID LOT 1, A DISTANCE OF 161.0 FEET; THENCE EAST PARALLEL TO THE NORTH LINE OF SAID LOTS 1 AND 2, A DISTANCE OF 1.00 FOOT; THENCE SOUTH PARALLEL TO THE WEST LINE OF LOT 1 AFORESAID, A DISTANCE OF 704.08 FEET TO THE END OF CONCRETE WALL OF FENCE; THENCE SOUTHWESTERLY ALONG A FENCE LINE, BEING A CURVE CONVEX SOUTHEASTERLY, HAVING A RADIUS OF 268.74 FEET AND 8.5 FEET FROM AND CONCENTRIC TO AN EXISTING TRACK, FOR AN ARC DISTANCE OF 118.72 FEET TO A POINT 971.66 FEET SOUTH AND 49.08 FEET WEST OF THE NORTHWEST CORNER OF SAID LOT 1; THENCE SOUTHWESTERLY FOR A DISTANCE OF 87.49 FEET TO A POINT 1033.43 FEET SOUTH AND 111.04 FEET WEST OF THE NORTHWEST CORNER OF SAID LOT 1; THENCE NORTHWESTERLY FOR A DISTANCE OF 66.33 FEET TO A POINT IN THE WEST LINE OF SAID LOT 5, A DISTANCE OF 997.64 FEET SOUTH AND 166.89 FEET WEST OF THE NORTHWEST CORNER OF SAID LOT 1; THENCE NORTHERLY ALONG THE WEST LINE OF SAID LOT 5, BEING A CURVE CONVEX SOUTHEASTERLY, HAVING A RADIUS OF 327.62 FEET, FOR AN ARC DISTANCE OF 140.74 FEET TO A POINT OF CURVE IN THE WEST LINE OF SAID LOT 5; THENCE NORTH ALONG THE WEST LINE OF LOTS 2, 7, 4 AND 5, A DISTANCE OF 861.47 FEET TO THE NORTHWEST CORNER OF SAID LOT 2; THENCE EAST, A DISTANCE OF 139.1 FEET TO THE NORTHEAST CORNER OF SAID LOT 2 AND THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

SEE ATTACHED

EXHIBIT 'A'

(LEGAL DESCRIPTION)

PARCEL 1: INTENTIONALLY OMITTED

PARCEL 2:

LOT 'A' AND A PART OF LOTS 7 AND 8 IN THE FIFTH INDUSTRIAL SUBDIVISION, CLEARING, ILLINOIS, A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, ALSO A PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 21, ALL OF WHICH IS DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF LOT 'A' AFORESAID; THENCE SOUTH ALONG THE WEST LINE THEREOF TO A POINT 3.09 FEET SOUTH OF THE NORTHEAST CORNER OF LOT 7 AFORESAID; THENCE SOUTHWESTERLY ON A CURVED LINE, CURVE CONVEX TO THE SOUTHEAST; TANGENT TO THE EAST LINE OF SAID LOT 7, RADIUS 278.94 FEET, A DISTANCE OF 289.70 FEET TO AN INTERSECTION WITH THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8; THENCE EAST ALONG THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8, A DISTANCE OF 153.56 FEET TO A POINT 16.83 FEET WEST OF THE EAST LINE OF LOT 8; THENCE NORTHEASTERLY ON A CURVED LINE, CURVE CONVEX TO THE SOUTHEAST, RADIUS 310.62 FEET, A DISTANCE OF 334.80 FEET TO THE POINT OF TANGENCY OF SAID CURVE, LYING ON THE EAST LINE OF THE WEST 146.80 FEET OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21 AFORESAID; SAID POINT ALSO BEING 980.00 FEET SOUTH OF THE NORTH LINE OF SAID QUARTER QUARTER SECTION; THENCE NORTHERLY 40.01 FEET TO A POINT 147.80 FEET EAST OF THE WEST LINE AND 940.00 FEET SOUTH OF THE NORTH LINE OF SAID SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21; THENCE NORTH PARALLEL TO THE WEST LINE OF SAID QUARTER QUARTER SECTION, A DISTANCE OF 890.00 FEET; THENCE WEST, A DISTANCE OF 180.80 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

PARCEL 3:

LOT 1 OF FIFTH INDUSTRIAL SUBDIVISION ALSO DESCRIBED AS:

THE SOUTH 980.00 FEET OF THE NORTH 1030.00 FEET OF THE WEST 900.00 FEET OF THE EAST 933.00 FEET OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, (EXCEPT THAT PART THEREOF LYING SOUTH OF A LINE, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE EAST LINE OF TRACT AND 20.00 FEET NORTH OF THE SOUTHEAST CORNER THEREOF; THENCE WEST AND PARALLEL TO AND 20.00 FEET FROM THE SOUTH LINE, A DISTANCE OF 750.00 FEET; THENCE SOUTHWESTERLY IN A STRAIGHT LINE TO A POINT IN THE SOUTH LINE OF THE AFORESAID TRACT, WHICH IS 50.00 FEET EAST OF THE SOUTHWEST CORNER THEREOF);

EXCEPTING FROM THE AFORESAID PARCEL 3, THE FOLLOWING DESCRIBED PROPERTY CONTAINED IN SPECIAL WARRANTY DEED TO ROSE WEEB DATED JANUARY 28, 1969 AND RECORDED MARCH 28, 1969 AS DOCUMENT 20795392:

THAT PART OF LOTS 1, 2, 4, 7 AND 8 IN FIFTH INDUSTRIAL SUBDIVISION CLEARING, ILLINOIS, A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF LOT 2 AND THE NORTHWEST CORNER OF LOT 1; THENCE SOUTH ON THE EAST LINE OF SAID LOT 2 AND THE WEST LINE OF SAID LOT 1, A DISTANCE OF 161.0 FEET; THENCE EAST PARALLEL TO THE NORTH LINE OF SAID LOTS 1 AND 2, A DISTANCE OF 1.00 FOOT; THENCE SOUTH PARALLEL TO THE WEST LINE OF LOT 1 AFORESAID, A DISTANCE OF 704.08 FEET TO THE END OF CONCRETE WALL OF FENCE; THENCE SOUTHWESTERLY ALONG A FENCE LINE, BEING A CURVE CONVEX SOUTHEASTERLY, HAVING A RADIUS OF 268.74 FEET AND 8.5 FEET FROM AND CONCENTRIC TO AN EXISTING TRACK, FOR AN ARC DISTANCE OF 118.72 FEET TO A POINT 971.66 FEET SOUTH AND 49.08 FEET WEST OF THE NORTHWEST CORNER OF SAID LOT 1; THENCE SOUTHWESTERLY FOR A DISTANCE OF 87.49 FEET TO A POINT 1033.43 FEET SOUTH AND 111.04 FEET WEST OF THE NORTHWEST CORNER OF SAID LOT 1; THENCE NORTHWESTERLY FOR A DISTANCE OF 66.33 FEET TO A POINT IN THE WEST LINE OF SAID LOT 5, A DISTANCE OF 997.64 FEET SOUTH AND 166.89 FEET WEST OF THE NORTHWEST CORNER OF SAID LOT 1; THENCE NORTHERLY ALONG THE WEST LINE OF SAID LOT 5, BEING A CURVE CONVEX SOUTHEASTERLY, HAVING A RADIUS OF 327.62 FEET, FOR AN ARC DISTANCE OF 140.74 FEET TO A POINT OF CURVE IN THE WEST LINE OF SAID LOT 5; THENCE NORTH ALONG THE WEST LINE OF LOTS 2, 7, 4 AND 5, A DISTANCE OF 861.47 FEET TO THE NORTHWEST CORNER OF SAID LOT 2; THENCE EAST, A DISTANCE OF 139.1 FEET TO THE NORTHEAST CORNER OF SAID LOT 2 AND THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

SEE ATTACHED

PARCEL 4:

A TRACT OF LAND FOR CONVENIENCE HEREINAFTER REFERRED TO AS 'TRACT A', BEING PART OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF THE NORTH 1010.00 FEET OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 21, WHICH IS 212.00 FEET WEST OF THE EAST LINE THEREOF; THENCE SOUTH 56 DEGREES, 00 MINUTE, 58 SECONDS WEST, A DISTANCE OF 31.94 FEET; THENCE SOUTH 74 DEGREES, 25 MINUTES, 11 SECONDS WEST, A DISTANCE OF 182.86 FEET; THENCE NORTH 89 DEGREES, 53 MINUTES, 13 SECONDS WEST, A DISTANCE OF 469.17 FEET TO A POINT OF CURVE HAVING A RADIUS OF 243.35 FEET, CURVE CONVEX TO THE NORTHWEST; THENCE SOUTHWESTERLY ALONG SAID CURVE, A DISTANCE OF 75.16 FEET TO POINT OF TANGENT; THENCE ON SAID TANGENT, BEARING SOUTH 72 DEGREES, 25 MINUTES, 03 SECONDS WEST, A DISTANCE OF 43.00 FEET; THENCE SOUTH 64 DEGREES, 14 MINUTES, 47 SECONDS WEST, A DISTANCE OF 33.83 FEET TO A LINE 1020.00 FEET WEST OF THE EAST LINE OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21 AFORESAID AT A POINT ON SAID LINE, WHICH IS 16.15 FEET SOUTHERLY ALONG SAID LINE FROM THE SOUTHWEST CORNER OF 'TRACT B' HEREINAFTER DESCRIBED; THENCE NORTH 00 DEGREE, 09 MINUTES, 20 SECONDS EAST ALONG SAID LINE, A DISTANCE OF 16.15 FEET TO THE SOUTHWEST CORNER OF SAID 'TRACT B'; THENCE ON AND ALONG THE SOUTHERLY BOUNDARY OF SAID 'TRACT B', NORTH 55 DEGREES, 03 MINUTES EAST, A DISTANCE OF 46.98 FEET; THENCE ON AND ALONG THE SOUTHERLY BOUNDARY OF SAID 'TRACT B', NORTH 65 DEGREES, 08 MINUTES EAST, A DISTANCE OF 108.80 FEET TO A MONUMENT 1030.00 FEET SOUTH OF THE NORTH LINE AND 883.00 FEET WEST OF THE EAST LINE OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21 AFORESAID; THENCE NORTHEASTERLY, A DISTANCE OF 101.95 FEET TO A MONUMENT 1010.00 FEET SOUTH OF THE NORTH LINE AND 783.00 FEET WEST OF THE EAST LINE OF THE SAID SOUTHWEST 1/4 OF THE NORTHWEST 1/4; THENCE SOUTH 89 DEGREES, 41 MINUTES, 47 SECONDS EAST ALONG THE SOUTH LINE OF THE NORTH 1010.00 FEET OF SAID SOUTHWEST 1/4 OF THE NORTHWEST 1/4, A DISTANCE OF 571.00 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

PARCEL 5:

A TRACT OF LAND FOR CONVENIENCE HEREIN REFERRED TO AS 'TRACT B', BEING PART OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 21, DESCRIBED AS FOLLOWS:

BEGINNING AT A MONUMENT 1030.00 FEET SOUTH OF THE NORTH LINE AND 883.00 FEET WEST OF THE EAST LINE OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 21; THENCE SOUTH 65 DEGREES, 08 MINUTES, WEST, A DISTANCE OF 108.80 FEET; THENCE SOUTH 55 DEGREES, 03 MINUTES WEST, A DISTANCE OF 46.98 FEET TO A LINE 1020.00 FEET WEST OF THE EAST LINE OF SAID SOUTHWEST 1/4 OF THE NORTHWEST 1/4; THENCE NORTH 00 DEGREE, 09 MINUTES, 20 SECONDS EAST ALONG SAID LINE, A DISTANCE OF 36.65 FEET; THENCE NORTH 55 DEGREES, 03 MINUTES EAST, A DISTANCE OF 25.54 FEET; THENCE NORTH 47 DEGREES, 08 MINUTES, 50 SECONDS EAST, A DISTANCE OF 90.65 FEET TO A POINT IN THE WEST LINE OF THE EAST 933.00 FEET OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21 AFORESAID, WHICH IS 990.00 FEET SOUTH OF THE NORTH LINE THEREOF; THENCE SOUTH 00 DEGREE, 09 MINUTES, 20 SECONDS WEST, A DISTANCE OF 40.00 FEET; THENCE SOUTH 89 DEGREES, 41 MINUTES, 47 SECONDS EAST, A DISTANCE OF 50.00 FEET TO POINT OF BEGINNING;

SAID 'TRACT B', CONTAINING AND EMBRACING (IN ADDITION TO OTHER PROPERTY) ALL THAT PORTION OF THE CERTAIN TRACT OF LAND OVER WHICH AN EASEMENT WAS HERETOFORE GRANTED BY THE CHICAGO TITLE AND TRUST COMPANY TO THE CONTINENTAL CAN COMPANY (BY AN AGREEMENT DATED JUNE 23, 1917 AND RECORDED OCTOBER 10, 1917 IN BOOK 14663 OF RECORDS OF COOK COUNTY, ILLINOIS, PAGE 201, AS DOCUMENT 6208430), LYING EAST OF A LINE 1020.00 FEET WEST OF THE EAST LINE OF SAID SOUTHWEST 1/4 OF THE SAID NORTHWEST 1/4, IN COOK COUNTY, ILLINOIS.

END

PARCEL 6:

PARTS OF LOTS 7 AND 8 IN FIFTH INDUSTRIAL SUBDIVISION, CLEARING, ILLINOIS, A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON A LINE 30.00 FEET SOUTH OF THE NORTH LINE OF LOT 8 AFORESAID, WHICH IS 54.75 FEET EAST OF THE WEST LINE THEREOF; THENCE EAST PARALLEL TO THE NORTH LINE OF SAID LOT, A DISTANCE OF 224.11 FEET; THENCE NORTHEASTERLY ON A CURVED LINE, CURVE CONVEX TO THE SOUTHEAST, RADIUS 278.94 FEET, A DISTANCE OF 86.06 FEET TO A POINT, WHICH IS 35.70 FEET NORTH AT RIGHT ANGLES TO THE SOUTH LINE OF THE TRACT DESCRIBED AT A POINT 357.16 FEET EAST OF THE WEST LINE OF SAID LOT 8; THENCE NORTHEASTERLY IN A STRAIGHT LINE, A DISTANCE OF 72.62 FEET TO A POINT, WHICH IS 80.98 FEET NORTH AT RIGHT ANGLES TO THE SOUTH LINE OF THE TRACT DESCRIBED AT A POINT 413.94 FEET EAST OF THE WEST LINE OF SAID LOT 8; THENCE NORTHEASTERLY ON A CURVED LINE, CURVE CONVEX TO THE SOUTHEAST, RADIUS 278.94 FEET, A DISTANCE OF 115.83 FEET TO AN INTERSECTION WITH THE NORTH LINE OF LOT 7; THENCE WEST AND SOUTHWESTERLY ALONG THE NORTH LINE OF SAID LOT 7 TO THE SOUTHWEST CORNER THEREOF AND THENCE SOUTHWESTERLY TO THE POINT OF BEGINNING; EXCEPTING FROM AFORESAID PARCEL 6, THE FOLLOWING DESCRIBED PROPERTY CONTAINED IN A DEED TO THE COMMONWEALTH EDISON COMPANY DATED OCTOBER 5, 1953 AND RECORDED DECEMBER 30, 1963 AS DOCUMENT 19010375:

THAT PART OF LOT 7 AND OF THE NORTH 30.00 FEET OF LOT 8 IN FIFTH INDUSTRIAL SUBDIVISION, CLEARING, ILLINOIS, A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8, WHICH IS 54.75 FEET EAST OF THE WEST LINE THEREOF; THENCE CONTINUING EAST ON SAID SOUTH LINE, A DISTANCE OF 117.79 FEET; THENCE NORTHEASTERLY ALONG A LINE FORMING AN ANGLE OF 32 DEGREES, 20 MINUTES, MEASURED FROM EAST TO NORTHEAST WITH THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8 AFORESAID, A DISTANCE OF 62.52 FEET TO A POINT, WHICH IS 103.44 FEET NORTH OF THE SOUTH LINE AND 260.58 FEET EAST OF THE WEST LINE OF THE NORTHWEST 1/4 OF SECTION 21 AFORESAID; THENCE NORTHWESTERLY, A DISTANCE OF 71.75 FEET TO A POINT IN THE NORTHWESTERLY LINE OF LOT 7 AFORESAID, WHICH IS 114.26 FEET NORTHEASTERLY FROM THE WEST CORNER OF SAID LOT 7 (AND IS 166.04 FEET NORTH OF THE SOUTH LINE AND 225.93 FEET EAST OF THE WEST LINE OF THE NORTHWEST 1/4 OF SECTION 21 AFORESAID); THENCE SOUTHWESTERLY ALONG THE NORTHWESTERLY LINE OF LOT 7 AND SAID LINE EXTENDED, A DISTANCE OF 166.13 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

PARCEL 7:

PARTS OF LOTS 7 AND 8 IN THE FIFTH INDUSTRIAL SUBDIVISION, CLEARING, ILLINOIS, BEING A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8 AFORESAID, WHICH IS 639.30 FEET EAST OF THE WEST LINE THEREOF; THENCE EAST ON SAID LINE, A DISTANCE OF 196.96 FEET; THENCE NORTHEASTERLY, A DISTANCE OF 435.63 FEET TO A POINT IN THE NORTH LINE OF LOT 7 AFORESAID, WHICH IS 54.46 FEET WEST OF THE NORTHEAST CORNER THEREOF; THENCE WESTERLY ON THE NORTH LINE OF SAID LOT 7, A DISTANCE OF 124.54 FEET TO AN ANGLE IN SAID LINE; THENCE SOUTH 56 DEGREES, 00 MINUTE, 58 SECONDS WEST ON THE NORTHERLY LINE OF LOT 7, A DISTANCE OF 31.94 FEET; THENCE SOUTH 74 DEGREES, 25 MINUTES, 11 SECONDS WEST ON THE NORTHERLY LINE OF SAID LOT 7, A DISTANCE OF 131.90 FEET; THENCE SOUTHWESTERLY, A DISTANCE OF 338.17 FEET TO THE POINT OF BEGINNING ON THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8 AFORESAID; ALSO,

THAT PART OF LOT 7 AND THE NORTH 30.00 FEET OF LOT 8 IN THE FIFTH INDUSTRIAL SUBDIVISION,

EXCERPT

CLEARING, ILLINOIS, BEING A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF THE NORTH 30.00 FEET OF SAID LOT 8, WHICH IS 836.26 FEET EAST OF THE WEST LINE THEREOF; THENCE EAST ON SAID SOUTH LINE, A DISTANCE OF 279.07 FEET TO AN INTERSECTION WITH A CURVED LINE; THENCE NORTHEASTERLY ON A CURVED LINE, CONVEX TO THE SOUTHEAST, HAVING A RADIUS OF 278.94 FEET TO THE POINT OF TANGENCY OF SAID CURVE LOCATED ON THE EAST LINE AND 3.09 FEET SOUTH OF THE NORTHEAST CORNER OF LOT 7 AFORESAID; THENCE NORTH ON SAID EAST LINE OF LOT 7 TO THE NORTHEAST CORNER OF SAID LOT; THENCE WEST ON THE NORTH LINE OF SAID LOT 7, A DISTANCE OF 54.46 FEET; THENCE SOUTHWESTERLY IN A DIRECT LINE TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

PARCEL 8:

PART OF LOTS 7 AND 8 IN THE FIFTH INDUSTRIAL SUBDIVISION, BEING A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8 AFORESAID, WHICH IS 460.25 FEET EAST OF THE WEST LINE THEREOF; THENCE EAST ON SAID LINE, A DISTANCE OF 179.05 FEET; THENCE NORTHEASTERLY AT AN ANGLE OF 32 DEGREES, 03 MINUTES, 20 SECONDS, MEASURED FROM EAST TO NORTHEAST FROM THE ABOVE DESCRIBED LINE, A DISTANCE OF 338.17 FEET TO A POINT IN THE NORTH LINE OF LOT 7; THENCE SOUTH 74 DEGREES, 25 MINUTES, 11 SECONDS WEST ON THE NORTHERLY LINE OF LOT 7, A DISTANCE OF 50.96 FEET TO AN ANGLE IN SAID LINE; THENCE NORTH 89 DEGREES, 53 MINUTES, 13 SECONDS WEST ON THE NORTH LINE OF SAID LOT 7, A DISTANCE OF 151.85 FEET; THENCE SOUTHWESTERLY 311.82 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

PARCEL 9:

THAT PART OF LOT 5 IN FIFTH INDUSTRIAL SUBDIVISION, CLEARING, ILLINOIS, A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 5; THENCE NORTH ALONG THE EAST LINE THEREOF, A DISTANCE OF 68.84 FEET TO AN INTERSECTION WITH A CURVED LINE, CONVEX SOUTHEAST; THENCE SOUTHWESTERLY ALONG SAID CURVED LINE, HAVING A RADIUS OF 265.37 FEET, A DISTANCE OF 150.56 FEET; THENCE SOUTHWESTERLY TANGENT TO THE AFORESAID CURVE, A DISTANCE OF 45.69 FEET TO AN INTERSECTION WITH THE SOUTHEASTERLY LINE OF LOT 5 AFORESAID; THENCE NORTHEASTERLY, A DISTANCE OF 52.14 FEET TO AN ANGLE IN THE SOUTHEASTERLY LINE OF SAID LOT 5; THENCE NORTHEASTERLY, A DISTANCE OF 90.65 FEET TO THE POINT OF BEGINNING; EXCEPTING FROM THE AFORESAID PARCEL 9, THE FOLLOWING DESCRIBED PROPERTY CONTAINED IN SPECIAL WARRANTY DEED TO ROSE WEEB DATED JANUARY 28, 1969 AND RECORDED MARCH 28, 1969 AS DOCUMENT 20795392:

THAT PART OF LOTS 1, 2, 4, 7 AND 8 IN FIFTH INDUSTRIAL SUBDIVISION CLEARING, ILLINOIS, A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF LOT 2 AND THE NORTHWEST CORNER OF LOT 1; THENCE SOUTH ON THE EAST LINE OF SAID LOT 2 AND THE WEST LINE OF SAID LOT 1, A DISTANCE OF 161.0 FEET; THENCE EAST PARALLEL TO THE NORTH LINE OF SAID LOTS 1 AND 2, A DISTANCE OF 1.00 FOOT; THENCE SOUTH PARALLEL TO THE WEST LINE OF LOT 1 AFORESAID, A DISTANCE OF 704.08 FEET TO THE END OF CONCRETE WALL OF FENCE; THENCE SOUTHWESTERLY ALONG A FENCE LINE, BEING A CURVE CONVEX SOUTHEASTERLY, HAVING A RADIUS OF 268.74 FEET AND 8.5 FEET FROM AND CONCENTRIC TO AN EXISTING TRACK, FOR AN ARC DISTANCE OF 118.72 FEET TO A POINT 971.66

EXCERPT

FEET SOUTH AND 49.08 FEET WEST OF THE NORTHWEST CORNER OF SAID LOT 1; THENCE SOUTHWESTERLY FOR A DISTANCE OF 87.49 FEET TO A POINT 1033.43 FEET SOUTH AND 111.04 FEET WEST OF THE NORTHWEST CORNER OF SAID LOT 1; THENCE NORTHWESTERLY FOR A DISTANCE OF 66.33 FEET TO A POINT IN THE WEST LINE OF SAID LOT 5, A DISTANCE OF 997.64 FEET SOUTH AND 166.89 FEET WEST OF THE NORTHWEST CORNER OF SAID LOT 1; THENCE NORTHERLY ALONG THE WEST LINE OF SAID LOT 5, BEING A CURVE CONVEX SOUTHEASTERLY, HAVING A RADIUS OF 327.62 FEET, FOR AN ARC DISTANCE OF 140.74 FEET TO A POINT OF CURVE IN THE WEST LINE OF SAID LOT 5; THENCE NORTH ALONG THE WEST LINE OF LOTS 2, 7, 4 AND 5, A DISTANCE OF 861.47 FEET TO THE NORTHWEST CORNER OF SAID LOT 2; THENCE EAST, A DISTANCE OF 139.1 FEET TO THE NORTHEAST CORNER OF SAID LOT 2 AND THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

PARCEL 10:

PARTS OF LOTS 7 AND 8 IN THE FIFTH INDUSTRIAL SUBDIVISION, BEING A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8 AFORESAID, WHICH IS 278.86 FEET EAST OF THE WEST LINE THEREOF; THENCE NORTHEASTERLY ON A CURVED LINE CURVED CONVEX TO THE SOUTHEAST RADIUS 278.94 FEET A DISTANCE OF 86.06 FEET TO A POINT IN THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8, WHICH IS 357.16 FEET EAST OF THE WEST LINE THEREOF; THENCE NORTHEASTERLY IN A STRAIGHT LINE 72.62 FEET TO A POINT 80.98 FEET NORTH OF AND AT RIGHT ANGLES TO A POINT IN THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8, WHICH IS 413.94 FEET EAST OF THE WEST LINE THEREOF; THENCE NORTHEASTERLY ON A CURVED LINE CURVED CONVEX TO THE SOUTHEAST RADIUS 278.94 FEET, A DISTANCE OF 115.83 FEET TO THE INTERSECTION WITH THE NORTH LINE OF LOT 7, SAID POINT OF INTERSECTION BEING 173.33 FEET NORTH OF AND AT RIGHT ANGLES TO A POINT IN THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8, WHICH IS 482.48 FEET EAST OF THE WEST LINE THEREOF; THENCE EAST ALONG THE NORTH LINE OF LOT 7 236.28 FEET TO A POINT ON SAID LINE; THENCE SOUTHWESTERLY 311.82 FEET TO THE SOUTH LINE OF THE NORTH 30.00 FEET OF LOT 8; THENCE WEST 181.39 FEET TO THE POINT OF BEGINNING, EXCEPTING FROM THE ABOVE DESCRIBED PARCELS 1 TO 10 THOSE PARTS TAKEN OR USED FOR ROADS, STREETS OR HIGHWAYS, IN COOK COUNTY, ILLINOIS.

PARCEL 11:

THAT PART OF LOT 5 IN FIFTH INDUSTRIAL SUBDIVISION, LYING SOUTHWESTERLY OF A STRAIGHT LINE DRAWN FROM A POINT 1033.43 FEET SOUTH AND 111.04 FEET WEST OF THE NORTHWEST CORNER OF LOT 1 IN SAID FIFTH INDUSTRIAL SUBDIVISION TO A POINT IN THE WEST LINE OF LOT 5, A DISTANCE OF 997.64 FEET SOUTH AND 166.89 FEET WEST OF THE NORTHWEST CORNER OF SAID LOT 1 IN THE FIFTH INDUSTRIAL SUBDIVISION, CLEARING, ILLINOIS, A SUBDIVISION OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 21, TOWNSHIP 38 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

PARCEL 12:

EASEMENT IN PERPETUITY FOR THE BENEFIT OF PARCELS 6, 7, 8 AND 10 AFORESAID, AS CREATED BY THE DEEDS FROM CHICAGO TITLE AND TRUST COMPANY AS TRUSTEE UNDER TRUST NUMBER 3415:

TO COMMERCIAL PULVERIZING COMPANY DATED JUNE 1, 1925 AND RECORDED JUNE 9, 1925 AS DOCUMENT 8938183;

TO ROBERT F. TRIMBULL DATED SEPTEMBER 18, 1928 AND RECORDED OCTOBER 16, 1928 AS DOCUMENT 10177756;

TO READ MANUFACTURING COMPANY DATED MAY 14, 1929 AND RECORDED JULY 27, 1929 AS DOCUMENT 10439745; AND,

EXCERPT

ESCROW TRUST NO: 8 028057312

TO CHICAGO TRANSFER AND CLEARING COMPANY DATED DECEMBER 29, 1933 AND RECORDED DECEMBER 30, 1933 AS DOCUMENT 11336316 AND REFERRED TO IN SUBSEQUENT DEEDS, FOR INGRESS AND EGRESS OVER AND ACROSS THE SOUTH 16.00 FEET OF THE NORTH 46.00 FEET OF THE WEST 1115.00 FEET OF LOT 8 IN FIFTH INDUSTRIAL SUBDIVISION AFORESAID, ALL IN COOK COUNTY, ILLINOIS.

DRAFT

ESCROW

APPENDIX E

Water Well Records and Groundwater Ordinance

DRAFT

Illinois State Geological Survey (ISGS) Well Log Data

API number: 120310266300

For IEPA and USGS use only, do not quote or release.

ISGS Header Table Data

County_no	Farm name	Status	Twp	Tdir	Rng	Rdir	Section	Quarters	Comp date	Total depth	Lam_X	Lam_Y
02663	Cracker Jack Co	WATER	38	N	13	E	21	SE NE	000 0- 00- 00	150 0	3477 207	3186 140

ISGS Well Log Table

County_no	Formation	Thickness	Bottom
*	*	*	*

ISGS Pump Test Data Table

County_no	Pump gpm	Pump hrs	Stat lev	Pump lev	Wformation
*	*	*	*	*	*

ISGS Well Casing Data Table

County_no	Case diam	Case from	Case to	Case type
*	*	*	*	*

ISGS Open Interval Data Table

County_no	Scrn diam	Scrn lgth	Slot	Wfmfrom	Wfmto	Wformation
*	*	*	*	*	*	*

key: * - No Data Available



Rod R. Blagojevich, Governor

SWAP Fact Sheets

Source Water Assessment Summary

0310120 - BEDFORD PARK

Last updated on 1999-01-22

For the purpose of the Source Water Assessment Program (SWAP), this public water supply (PWS) purchases water from another PWS. The current procedure for a purchasing water supply indicates that the source water information for this PWS is presented in the SWAP Fact Sheet of the parent supply (the water supply from which the water originates). Therefore, please refer to the parent supply's SWAP Fact Sheet for an assessment of this CWS's source water. The parent PWS for the supply you requested is 0316000 - CHICAGO and is located in COOK County.

Copyright © 2007 Illinois EPA

[Agency Site Map](#) | [Privacy Information](#) | [Kids Privacy](#) | [Web Accessibility](#) | [Agency Webmaster](#)

DRAFT

Municipality: Bedford Park

County: Cook

LPC Number:

OC: 98061901

ORDINANCE NO. 98-1009

**AN ORDINANCE PROHIBITING THE USE OF GROUNDWATER AS A
POTABLE WATER SUPPLY BY THE INSTALLATION OR USE OF POTABLE
WATER SUPPLY WELLS OR BY ANY OTHER METHOD IN THE
VILLAGE OF BEDFORD PARK, A HOME RULE UNIT OF GOVERNMENT**

WHEREAS, certain properties in the Village of Bedford Park, Illinois have been used over a period of time for commercial/industrial purposes; and

WHEREAS, because of said use, concentrations of certain chemicals constituents in the groundwater beneath the Village may exceed Class I groundwater quality standards for potable resource groundwater as set forth in 3.5 Illinois Administrative Code 620 or Tier 1 residential remediation objectives as set forth in 35 Illinois Administrative Code 742; and

WHEREAS, the Village of Bedford Park desires to limit potential threats to human health from groundwater contamination while facilitating the redevelopment and productive use of properties that are the source of said chemical constituents.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Bedford Park, a Home Rule Unit of Government, Cook County, Illinois, as follows:

SECTION ONE. Definitions. "Person" is any individual, partnership, co-partnership, firm, company, limited liability company, corporation, association, joint stock company, trust, estate, or any other legal entity, or their legal representatives, agents or assigns, except for the Village of Bedford Park.

"Potable water" is any water used for human or domestic consumption, including, but not limited to, water used for

RELEASABLE

DEC 11 2003

REVIEWER MM

drinking, bathing, swimming, washing dishes, or preparing foods.

SECTION TWO: Use Of Groundwater As A Potable Water Supply Prohibited. Except for uses or methods being used prior to the approval and adoption of this Ordinance, the use or attempted use, by any person, of groundwater from within the corporate limits of the Village of Bedford Park as a potable water supply by the installation or drilling of wells or by any other method, is hereby prohibited.

SECTION THREE. Penalties. Any person violating the provisions of this ordinance shall be subject to a fine of up to \$500.00 for each violation.

SECTION FOUR. Memorandum of Understanding. The President of the Village of Bedford Park is hereby authorized and directed to enter into a Memorandum of Understanding with the Illinois Environmental Protection Agency ("Illinois EPA") in which the Village of Bedford Park assumes responsibility for tracking remediated sites notifying the Illinois EPA of changes to this ordinance, and taking certain precautions when siting public potable water supply wells.

SECTION FIVE: Repealer. That all Ordinances or parts of Ordinances in conflict herewith are expressly repealed.

SECTION SIX: Savings Clause. That in the event any portion of this Ordinance is declared to be void, that such other parts or remainder of this Ordinance shall not be adversely effected and shall otherwise remain effective and valid.

SECTION SEVEN: Adoption Clause. That this Ordinance shall be

in full force and effect from and after its approval, adoption and publication as required by law.

APPROVED AND ADOPTED this 7th day of May, 1998.

Constantine Vaulios

President of the Board of Trustees
of the Village of Bedford Park,
County of Cook, State of Illinois

ATTEST:

Carole A. Lumpkins Deputy
Village Clerk of the Village of
Bedford Park, County of Cook,
State of Illinois

The vote on the foregoing
Ordinance was as follows:

YEAS:	<u>6</u>
NAYS:	<u>0</u>
ABSENT:	<u>0</u>
ABSTAIN:	<u>0</u>

Carole A. Lumpkins Deputy
Village Clerk of the Village of
Bedford Park, County of Cook,
State of Illinois

Lawrence R. Gryczewski
Village Attorney, Bedford Park
18350 S. Kedzie Avenue/P.O. Box 1076
Homewood, Illinois 60430
(708) 799-6480

bpordres\prohibwa.ord

STATE OF ILLINOIS)
COUNTY OF COOK)
VILLAGE OF BEDFORD PARK) SS.
A HOME RULE UNIT)


I, Linda J. Rackow , do hereby certify that I am the appointed Clerk of the Village of Bedford Park, County of Cook and State of Illinois.

I do hereby certify that the annexed and foregoing Ordinance 98-1009 is a true and correct copy of the Ordinance adopted and passed by the President and the Board of Trustees of the Village of Bedford Park on the 7th day of May , A.D., 19 98 and that said Ordinance so passed and aforesaid was deposited and filed in the office of the Village Clerk on the said 7th , day of May , A.D., 19 98 , and was approved by the President of the Village of Bedford Park on the said 7th , day of May , A.D. 19 98 .

I do further certify that the original of which the foregoing is a true copy, is entrusted to my care for safe keeping and that I am the keeper of the same.

I do further certify that I am the keeper of the records, papers, and ordinances of the said Village of Bedford Park.

In witness whereof, I do hereby set my hand and affix the Corporate Seal of the Village of Bedford Park, this 15th , day of June , A.D. 19 98 .


Linda J. Rackow , Village Clerk
of the Village of Bedford Park ,
Cook County, IL.

**MEMORANDUM OF UNDERSTANDING BETWEEN THE VILLAGE OF
BEDFORD PARK AND THE ILLINOIS ENVIRONMENTAL PROTECTION
AGENCY REGARDING THE USE OF A LOCAL GROUNDWATER OR WATER
WELL ORDINANCE AS AN ENVIRONMENTAL INSTITUTION CONTROL**

I. PURPOSE AND INTENT

- A. This Memorandum of Understanding ("MOU") between the Village of Bedford Park and the Illinois Environmental Protection Agency ("Illinois EPA") is entered into for the purpose of satisfying the requirements of 35 Ill.Adm.Code 742.1015 for the use of groundwater or water well ordinances as environmental institutional controls. The Illinois EPA has reviewed the groundwater or water well ordinance of the Village of Bedford Park (Attachment A) and determined that the ordinance prohibits the use of groundwater for potable purposes and/or the installation and use of new potable water supply wells by private entities but does not expressly prohibit those activities by the unit of local government itself. In such cases, 35 Ill.Adm.Code 742.1015(a) provides that the unit of local government may enter into an MOU with the Illinois EPA to allow the use of the ordinance as an institutional control.
- B. The intent of this Memorandum of Understanding is to specify the responsibilities that must be assumed by the unit of local government to satisfy the requirements for MOUs as set forth at 35 Ill.Adm.Code 742.1015(i).

II. DECLARATIONS AND ASSUMPTION OF RESPONSIBILITY

In order to ensure the long-term integrity of the groundwater or water well ordinance as an environmental institutional control and that risk to human health and the environment from contamination left in place in reliance on the groundwater or water well ordinance is effectively managed, the Village of Bedford Park hereby assumes the following responsibilities pursuant to 35 Ill.Adm.Code 742.1015(i):

- A. The Village of Bedford Park will notify the Illinois EPA Bureau of Land of any proposed ordinance changes or requests for variance at least 30 days prior to the date the local government is scheduled to take action of the proposed change or request (35 Ill.Adm.Code 742.1015(i)(4));
- B. The Village of Bedford Park will maintain a registry of all sites within its corporate limits that have received "No Further Remediation" determinations from the Illinois EPA (35 Ill.Adm.Code 742.1015(i)(5));

**SCREENED
MM**

- C. The Village of Bedford Park will review the registry of sites established under paragraph II.B. prior to siting public potable water supply wells within the area covered by the ordinance (35 Ill.Adm.Code 742.1015(i)(6)(A));
- D. The Village of Bedford Park will determine whether the potential source of potable water has been or may be affected by contamination left in place at the sites tracked and reviewed under paragraphs II.B. and C. (35 Ill.Adm.Code 742.1015(i)(6)(B)); and
- E. The Village of Bedford Park will take action as necessary to ensure that the potential source of potable water is protected from contamination or treated before it is used as a potable water supply (35 Ill.Adm.Code 742.1015(i)(6)(C)).
- F. All notices required under this Ordinance shall be sent to the following address:

Manager, Division of Remediation Management
Bureau of Land
Illinois EPA
P.O. Box 19276
Springfield, IL 62794-9276

III. SUPPORTING DOCUMENTATION

The following documentation is required by 35 Ill.Adm.Code 742.1015(i) and is attached to this MOU:

- A. Attachment A: A copy of the groundwater or water well ordinances certified by the city clerk or other official as the current, controlling law (35 Ill.Adm.Code 742.1015(i)(3));
- B. Attachment B: Identification of the legal boundaries within which the ordinance is applicable (certification by city clerk or other official that the ordinance is applicable everywhere with the corporate limits; if ordinance is not applicable throughout the entire city or village, legal description and map of area showing sufficient detail to determine where ordinance is applicable) (35 Ill.Adm.Code 742.1015(i)(2));
- C. Attachment C: A statement of the authority of the unit of local government to enter into the MOU (council resolution, code of ordinances, inherent powers of mayor or other official signing MOU -- attach copies) (35 Ill.Adm.Code 742.1015(i)(1)).

IN WITNESS WHEREOF, the lawful representatives of the parties have caused this MOU to be signed as follows:

VILLAGE OF BEDFORD PARK

BY: Constantine Voulkos
Constantine V. Toullos
President

DATE: MAY 7, 1998

ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY

BY: Gary P. King

DATE: August 24, 1998

APPENDIX F

Methods

DRAFT

Methods

ETS advanced soil borings on the site to assess the extent and magnitude of impacted soil. A Geoprobe rig was used to advance the soil borings. Geoprobe typically utilize a two-inch diameter sampling device, which is hydraulically pushed into the native soil thereby allowing a sample of the soil to be collected for visual observation and chemical analysis. Soil samples were collected from the borings using an acetate-lined stainless steel sampling core barrel at continuous intervals. Core samples were classified using American Society for Testing and Material (ASTM) Standard D 2488. One soil sample from each soil boring was retained for chemical analysis. Retained samples were split into two aliquots; one for visual observation and head space screening and the other for analytical testing. Head space screening was conducted using a photoionization detector (PID). Sampling equipment was cleaned with a mixture of alconox and water and rinsed between each sample location and new acetate liners were used to collect each soil sample. Equipment was steam cleaned prior to and after soil boring installation. Completed borings were backfilled with bentonite and capped with asphalt. No field or laboratory blanks were collected as part of this investigation. Soil samples were immediately stored on ice in a cooler and delivered to the laboratory via courier under chain-of-custody protocols. Select soil samples were analyzed for volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PNAs) and metals. Laboratory analytical services were provided by Test America.

Five (5) groundwater monitoring wells were installed at the site in September 2008. The monitoring wells were drilled with a hollow stem auger rig. Soil samples were collected continuously and screened in the field in a manner similar to that described above. Retained soil samples were immediately stored on ice in a cooler and delivered to the laboratory via courier under chain-of-custody protocols. The soil samples were analyzed PNAs. Laboratory analytical services were provided by Test America of Buffalo Grove, Illinois.

The soil borings were converted into monitoring wells using 2 inch diameter PVC well screens and risers. The well screens were 10 feet in length. The borehole annulus was backfilled with sand to extend approximately one (1) foot above the top of the screen. The remainder of the annulus was backfilled with bentonite chips to the ground surface. The wells were completed with flush mount bolt down covers and locking expandable caps.

Groundwater samples were collected from the monitoring wells following purging and development. Prior to sampling, depth to water and total well depths were measured and recorded using a water level indicator which was cleaned following measurements at each monitoring well. Approximately three (3) well casing volumes of water were purged from the well prior to collecting the groundwater sample. The groundwater sample was collected using a disposable bailer. Groundwater samples were immediately stored on ice in a cooler and delivered to the laboratory via courier under chain-of-custody protocols. Groundwater samples were analyzed for VOCs, PNAs and metals. Analytical services were provided by Test America of Buffalo Grove, Illinois.

A slug test was conducted at two inch diameter monitoring well MW-1. The slug test was conducted by removing the water in the well using a disposable bailer and measuring the recharge. The data was then analyzed using Bouwer-Rice.

APPENDIX G

Laboratory Analytical Reports

DRAFT

ANALYTICAL REPORT

Job Number: 500-13979-1

SDG Number: 500-13979-1

Job Description: Bedford Park IL (08-0405A)

For:

ETS Environmental
204 Dearborn Court
Suite 124

Geneva, IL 60134

Attention: Laura Seeber

Margaret Kniest

Margaret Kniest
Project Manager II

margaret.kniest@testamericainc.com

09/23/2008

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.

TestAmerica Chicago 2417 Bond Street, University Park, IL 60466

Tel (708) 534-5200 Fax (708) 534-5211 www.testamericainc.com



Job Narrative
500-J13979-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

GC/MS Semi VOA

No analytical or quality issues were noted.

Metals

Method(s) D2974-87: A corection factor of 0.58 was applied to the FOC by Nelson and Sommers.

No other analytical or quality issues were noted.

Organic Prep

Method(s) 3541: 3541 8270

Due to the matrix, the following sample(s) could not be concentrated to the final method required volume: MW-2 5' (500-13979-12). The reporting limits (RLs) are elevated proportionately.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-13979-1	ETS-1 5'				
Percent Moisture		26	0.10	%	PercentMoisture
Percent Solids		74	0.10	%	PercentMoisture
<i>SPLP East</i>					
Arsenic		1.2	0.050	mg/L	6010B
Barium		0.72	0.50	mg/L	6010B
Chromium		0.054	0.025	mg/L	6010B
Lead		0.074	0.050	mg/L	6010B
500-13979-2	ETS-2				
Organic Matter at 440 Deg(C)		4.7	0.10	%	D2974-87
FOC by Nelson and Sommers (0.58 factor)		2.7	0.058	%	D2974-87
500-13979-3	ETS-3 5'				
Percent Moisture		20	0.10	%	PercentMoisture
Percent Solids		80	0.10	%	PercentMoisture
500-13979-4	ETS-4 5'				
Percent Moisture		23	0.10	%	PercentMoisture
Percent Solids		77	0.10	%	PercentMoisture
500-13979-5	ETS-5 5'				
Percent Moisture		20	0.10	%	PercentMoisture
Percent Solids		80	0.10	%	PercentMoisture
500-13979-6	ETS-6 5'				
Percent Moisture		22	0.10	%	PercentMoisture
Percent Solids		78	0.10	%	PercentMoisture
<i>SPLP East</i>					
Arsenic		7.3	0.050	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-13979-7 ETS-7 3'					
Anthracene		0.069	0.034	mg/Kg	8270C
Benzo[a]anthracene		6.3	0.17	mg/Kg	8270C
Benzo[a]pyrene		9.6	0.17	mg/Kg	8270C
Benzo[b]fluoranthene		14	0.17	mg/Kg	8270C
Benzo[g,h,i]perylene		8.8	0.17	mg/Kg	8270C
Benzo[k]fluoranthene		8.5	0.17	mg/Kg	8270C
Chrysene		7.5	0.17	mg/Kg	8270C
Dibenz(a,h)anthracene		1.9	0.034	mg/Kg	8270C
Fluoranthene		1.8	0.034	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		7.6	0.17	mg/Kg	8270C
Naphthalene		0.21	0.034	mg/Kg	8270C
Phenanthrene		0.39	0.034	mg/Kg	8270C
Pyrene		2.7	0.034	mg/Kg	8270C
Percent Moisture		6.4	0.10	%	PercentMoisture
Percent Solids		94	0.10	%	PercentMoisture
500-13979-8 ETS-7 5'					
Anthracene		0.080	0.034	mg/Kg	8270C
Benzo[a]anthracene		6.4	0.34	mg/Kg	8270C
Benzo[a]pyrene		9.8	0.34	mg/Kg	8270C
Benzo[b]fluoranthene		14	0.34	mg/Kg	8270C
Benzo[g,h,i]perylene		8.2	0.34	mg/Kg	8270C
Benzo[k]fluoranthene		11	0.34	mg/Kg	8270C
Chrysene		8.2	0.34	mg/Kg	8270C
Dibenz(a,h)anthracene		2.7	0.034	mg/Kg	8270C
Fluoranthene		2.1	0.034	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		7.3	0.34	mg/Kg	8270C
Naphthalene		0.24	0.034	mg/Kg	8270C
Phenanthrene		0.38	0.034	mg/Kg	8270C
Pyrene		3.7	0.34	mg/Kg	8270C
Percent Moisture		8.4	0.10	%	PercentMoisture
Percent Solids		92	0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-13979-9 ETS-8 3'					
Anthracene		0.067	0.034	mg/Kg	8270C
Benzo[a]anthracene		5.8	0.34	mg/Kg	8270C
Benzo[a]pyrene		8.3	0.34	mg/Kg	8270C
Benzo[b]fluoranthene		14	0.34	mg/Kg	8270C
Benzo[g,h,i]perylene		7.7	0.34	mg/Kg	8270C
Benzo[k]fluoranthene		6.1	0.34	mg/Kg	8270C
Chrysene		7.0	0.34	mg/Kg	8270C
Fluoranthene		2.0	0.034	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		6.8	0.34	mg/Kg	8270C
Naphthalene		0.25	0.034	mg/Kg	8270C
Phenanthrene		0.44	0.034	mg/Kg	8270C
Pyrene		3.0	0.34	mg/Kg	8270C
Percent Moisture		4.6	0.10	%	PercentMoisture
Percent Solids		95	0.10	%	PercentMoisture
500-13979-10 ETS-8 5'					
Anthracene		0.056	0.035	mg/Kg	8270C
Benzo[a]anthracene		3.4	0.17	mg/Kg	8270C
Benzo[a]pyrene		4.9	0.17	mg/Kg	8270C
Benzo[b]fluoranthene		6.7	0.17	mg/Kg	8270C
Benzo[g,h,i]perylene		4.3	0.17	mg/Kg	8270C
Benzo[k]fluoranthene		5.6	0.17	mg/Kg	8270C
Chrysene		4.4	0.17	mg/Kg	8270C
Dibenz(a,h)anthracene		1.9	0.035	mg/Kg	8270C
Fluoranthene		1.4	0.035	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		3.8	0.17	mg/Kg	8270C
Naphthalene		0.15	0.035	mg/Kg	8270C
Phenanthrene		0.30	0.035	mg/Kg	8270C
Pyrene		2.0	0.035	mg/Kg	8270C
Percent Moisture		7.9	0.10	%	PercentMoisture
Percent Solids		92	0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-13979-11	MW-2 3'				
Benzo[a]anthracene		0.13	0.042	mg/Kg	8270C
Benzo[a]pyrene		0.25	0.042	mg/Kg	8270C
Benzo[b]fluoranthene		0.26	0.042	mg/Kg	8270C
Benzo[g,h,i]perylene		0.26	0.042	mg/Kg	8270C
Benzo[k]fluoranthene		0.18	0.042	mg/Kg	8270C
Chrysene		0.18	0.042	mg/Kg	8270C
Dibenz(a,h)anthracene		0.10	0.042	mg/Kg	8270C
Fluoranthene		0.22	0.042	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.23	0.042	mg/Kg	8270C
Phenanthrene		0.13	0.042	mg/Kg	8270C
Pyrene		0.24	0.042	mg/Kg	8270C
Percent Moisture		21	0.10	%	PercentMoisture
Percent Solids		79	0.10	%	PercentMoisture
500-13979-12	MW-2 5'				
Percent Moisture		20	0.10	%	PercentMoisture
Percent Solids		80	0.10	%	PercentMoisture
500-13979-13	MW-4 4'				
Acetone		0.0046	0.0044	mg/Kg	8260B
Percent Moisture		20	0.10	%	PercentMoisture
Percent Solids		80	0.10	%	PercentMoisture
500-13979-14	MW-4 7'				
Acetone		0.024	0.0051	mg/Kg	8260B
Toluene		0.0073	0.0051	mg/Kg	8260B
Percent Moisture		21	0.10	%	PercentMoisture
Percent Solids		79	0.10	%	PercentMoisture

METHOD SUMMARY

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CHI	SW846 8260B	
Closed System Purge and Trap	TAL CHI		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CHI	SW846 8270C	
Automated Soxhlet Extraction	TAL CHI		SW846 3541
Metals (ICP)	TAL CHI	SW846 6010B	
SPLP Extraction	TAL CHI		SW846 1312
Preparation, Total Metals	TAL CHI		SW846 3010A
Mercury (CVAA)	TAL CHI	SW846 7470A	
SPLP Extraction	TAL CHI		SW846 1312
Preparation, Mercury	TAL CHI		SW846 7470A
Ash Content	TAL CHI	ASTM D2974-87	

Lab References:

TAL CHI = TestAmerica Chicago

Method References:

ASTM = ASTM International

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: ETS Environmental

Job Number: 500-13979-1
Sdg Number: 500-13979-1

Method	Analyst	Analyst ID
SW846 8260B	Swaney, Garth E	GES
SW846 8270C	Bergen, Joe	JB
SW846 6010B	Smith, Todd D	TDS
SW846 7470A	Klee, George O	GOK
ASTM D2974-87	Klee, George O	GOK
EPA PercentMoisture	Boyd, Cheryl L	CLB

SAMPLE SUMMARY

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-13979-1	ETS-1 5'	Solid	09/09/2008 0910	09/12/2008 1500
500-13979-2	ETS-2	Solid	09/09/2008 0945	09/12/2008 1500
500-13979-3	ETS-3 5'	Solid	09/09/2008 1005	09/12/2008 1500
500-13979-4	ETS-4 5'	Solid	09/09/2008 1020	09/12/2008 1500
500-13979-5	ETS-5 5'	Solid	09/09/2008 1045	09/12/2008 1500
500-13979-6	ETS-6 5'	Solid	09/09/2008 1115	09/12/2008 1500
500-13979-7	ETS-7 3'	Solid	09/09/2008 1140	09/12/2008 1500
500-13979-8	ETS-7 5'	Solid	09/09/2008 1140	09/12/2008 1500
500-13979-9	ETS-8 3'	Solid	09/09/2008 1210	09/12/2008 1500
500-13979-10	ETS-8 5'	Solid	09/09/2008 1210	09/12/2008 1500
500-13979-11	MW-2 3'	Solid	09/10/2008 0915	09/12/2008 1500
500-13979-12	MW-2 5'	Solid	09/10/2008 0915	09/12/2008 1500
500-13979-13	MW-4 4'	Solid	09/10/2008 0750	09/12/2008 1500
500-13979-14	MW-4 7'	Solid	09/10/2008 0750	09/12/2008 1500

SAMPLE RESULTS

DRAFT

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: MW-4 4'

Lab Sample ID: 500-13979-13

Date Sampled: 09/10/2008 0750

Client Matrix: Solid

% Moisture: 19.6

Date Received: 09/12/2008 1500

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 500-47498

Instrument ID: Agilent 6890N GC - 5975N

Preparation: 5035

Prep Batch: 500-47366

Lab File ID: 13979-13.D

Dilution: 1.0

Initial Weight/Volume: 7.1051 g

Date Analyzed: 09/15/2008 1146

Final Weight/Volume: 5 mL

Date Prepared: 09/10/2008 0750

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Acetone		0.0046		0.0044
Benzene		ND		0.0044
Bromodichloromethane		ND		0.0044
Bromoform		ND		0.0044
Bromomethane		ND		0.0044
2-Butanone (MEK)		ND		0.0044
Carbon disulfide		ND		0.0044
Carbon tetrachloride		ND		0.0044
Chlorobenzene		ND		0.0044
Dibromochloromethane		ND		0.0044
Chloroethane		ND		0.0044
Chloroform		ND		0.0044
Chloromethane		ND		0.0044
1,1-Dichloroethane		ND		0.0044
1,2-Dichloroethane		ND		0.0044
1,1-Dichloroethene		ND		0.0044
cis-1,2-Dichloroethene		ND		0.0044
trans-1,2-Dichloroethene		ND		0.0044
1,2-Dichloropropane		ND		0.0044
1,3-Dichloropropene, Total		ND		0.0044
Ethylbenzene		ND		0.0044
2-Hexanone		ND		0.0044
Methylene Chloride		ND		0.0044
4-Methyl-2-pentanone (MIBK)		ND		0.0044
Methyl tert-butyl ether		ND		0.0044
Styrene		ND		0.0044
1,1,2,2-Tetrachloroethane		ND		0.0044
Tetrachloroethene		ND		0.0044
Toluene		ND		0.0044
1,1,1-Trichloroethane		ND		0.0044
1,1,2-Trichloroethane		ND		0.0044
Trichloroethene		ND		0.0044
Trichlorofluoromethane		ND		0.0044
Vinyl acetate		ND		0.0044
Vinyl chloride		ND		0.0044
Xylenes, Total		ND		0.0088

Surrogate	%Rec	Acceptance Limits
Dibromofluoromethane	119	75 - 140
1,2-Dichloroethane-d4 (Surr)	111	75 - 140
Toluene-d8 (Surr)	111	75 - 130
4-Bromofluorobenzene (Surr)	93	75 - 120

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: MW-4 7'

Lab Sample ID: 500-13979-14

Client Matrix: Solid

% Moisture: 20.7

Date Sampled: 09/10/2008 0750

Date Received: 09/12/2008 1500

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 500-47498

Instrument ID: Agilent 6890N GC - 5975N

Preparation: 5035

Prep Batch: 500-47366

Lab File ID: 13979-14.D

Dilution: 1.0

Initial Weight/Volume: 6.2206 g

Date Analyzed: 09/15/2008 1211

Final Weight/Volume: 5 mL

Date Prepared: 09/10/2008 0750

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Acetone		0.024		0.0051
Benzene		ND		0.0051
Bromodichloromethane		ND		0.0051
Bromoform		ND		0.0051
Bromomethane		ND		0.0051
2-Butanone (MEK)		ND		0.0051
Carbon disulfide		ND		0.0051
Carbon tetrachloride		ND		0.0051
Chlorobenzene		ND		0.0051
Dibromochloromethane		ND		0.0051
Chloroethane		ND		0.0051
Chloroform		ND		0.0051
Chloromethane		ND		0.0051
1,1-Dichloroethane		ND		0.0051
1,2-Dichloroethane		ND		0.0051
1,1-Dichloroethene		ND		0.0051
cis-1,2-Dichloroethene		ND		0.0051
trans-1,2-Dichloroethene		ND		0.0051
1,2-Dichloropropane		ND		0.0051
1,3-Dichloropropane, Total		ND		0.0051
Ethylbenzene		ND		0.0051
2-Hexanone		ND		0.0051
Methylene Chloride		ND		0.0051
4-Methyl-2-pentanone (MIBK)		ND		0.0051
Methyl tert-butyl ether		ND		0.0051
Styrene		ND		0.0051
1,1,2,2-Tetrachloroethane		ND		0.0051
Tetrachloroethene		ND		0.0051
Toluene		0.0073		0.0051
1,1,1-Trichloroethane		ND		0.0051
1,1,2-Trichloroethane		ND		0.0051
Trichloroethene		ND		0.0051
Trichlorofluoromethane		ND		0.0051
Vinyl acetate		ND		0.0051
Vinyl chloride		ND		0.0051
Xylenes, Total		ND		0.010

Surrogate	%Rec	Acceptance Limits
Dibromofluoromethane	119	75 - 140
1,2-Dichloroethane-d4 (Surr)	109	75 - 140
Toluene-d8 (Surr)	98	75 - 130
4-Bromofluorobenzene (Surr)	83	75 - 120

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-7 3'

Lab Sample ID: 500-13979-7

Date Sampled: 09/09/2008 1140

Client Matrix: Solid

% Moisture: 6.4

Date Received: 09/12/2008 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 500-47891	Instrument ID:	Agilent 6890N GC - 5973N
Preparation:	3541	Prep Batch: 500-47474	Lab File ID:	13979-7.D
Dilution:	1.0		Initial Weight/Volume:	15.5584 g
Date Analyzed:	09/19/2008 1649		Final Weight/Volume:	0.5 mL
Date Prepared:	09/15/2008 1611		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Acenaphthene		ND		0.034
Acenaphthylene		ND		0.034
Anthracene		0.069		0.034
Dibenz(a,h)anthracene		1.9		0.034
Fluoranthene		1.8		0.034
Fluorene		ND		0.034
Naphthalene		0.21		0.034
Phenanthrene		0.39		0.034
Pyrene		2.7		0.034

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	66	33 - 114
Nitrobenzene-d5	55	21 - 116
Terphenyl-d14	81	48 - 146

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-7 3'

Lab Sample ID: 500-13979-7

Client Matrix: Solid

% Moisture: 6.4

Date Sampled: 09/09/2008 1140

Date Received: 09/12/2008 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 500-48068	Instrument ID:	Agilent 6890N GC - 5973N
Preparation:	3541	Prep Batch: 500-47474	Lab File ID:	13979-7A.D
Dilution:	5.0		Initial Weight/Volume:	15.5584 g
Date Analyzed:	09/22/2008 1346	Run Type: DL	Final Weight/Volume:	0.5 mL
Date Prepared:	09/15/2008 1611		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Benzo[a]anthracene		6.3		0.17
Benzo[a]pyrene		9.6		0.17
Benzo[b]fluoranthene		14		0.17
Benzo[g,h,i]perylene		8.8		0.17
Benzo[k]fluoranthene		8.5		0.17
Chrysene		7.5		0.17
Indeno[1,2,3-cd]pyrene		7.6		0.17

Method:	8270C	Analysis Batch: 500-48068	Instrument ID:	Agilent 6890N GC - 5973N
Preparation:	3541	Prep Batch: 500-47474	Lab File ID:	13979-7A.D
Dilution:	5.0		Initial Weight/Volume:	15.5584 g
Date Analyzed:	09/22/2008 1346	Run Type: DL	Final Weight/Volume:	0.5 mL
Date Prepared:	09/15/2008 1611		Injection Volume:	1.0 uL

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	81	33 - 114
Nitrobenzene-d5	74	21 - 116
Terphenyl-d14	102	48 - 146

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-7 5'

Lab Sample ID: 500-13979-8

Date Sampled: 09/09/2008 1140

Client Matrix: Solid

% Moisture: 8.4

Date Received: 09/12/2008 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 500-47891

Instrument ID: Agilent 6890N GC - 5973N

Preparation: 3541

Prep Batch: 500-47474

Lab File ID: 13979-8.D

Dilution: 1.0

Initial Weight/Volume: 15.7837 g

Date Analyzed: 09/19/2008 1710

Final Weight/Volume: 0.5 mL

Date Prepared: 09/15/2008 1611

Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Acenaphthene		ND		0.034
Acenaphthylene		ND		0.034
Anthracene		0.080		0.034
Dibenz(a,h)anthracene		2.7		0.034
Fluoranthene		2.1		0.034
Fluorene		ND		0.034
Naphthalene		0.24		0.034
Phenanthrene		0.38		0.034

Surrogate

%Rec

Acceptance Limits

2-Fluorobiphenyl

69

33 - 114

Nitrobenzene-d5

63

21 - 116

Terphenyl-d14

85

48 - 146

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-7 5'

Lab Sample ID: 500-13979-8

Date Sampled: 09/09/2008 1140

Client Matrix: Solid

% Moisture: 8.4

Date Received: 09/12/2008 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 500-48068	Instrument ID:	Agilent 6890N GC - 5973N
Preparation:	3541	Prep Batch: 500-47474	Lab File ID:	13979-8A.D
Dilution:	10		Initial Weight/Volume:	15.7837 g
Date Analyzed:	09/22/2008 1407	Run Type: DL	Final Weight/Volume:	0.5 mL
Date Prepared:	09/15/2008 1611		Injection Volume:	1.0 µL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Benzo[a]anthracene		6.4		0.34
Benzo[a]pyrene		9.8		0.34
Benzo[b]fluoranthene		14		0.34
Benzo[g,h,i]perylene		8.2		0.34
Benzo[k]fluoranthene		11		0.34
Chrysene		8.2		0.34
Indeno[1,2,3-cd]pyrene		7.3		0.34
Pyrene		3.7		0.34

Method:	8270C	Analysis Batch: 500-48068	Instrument ID:	Agilent 6890N GC - 5973N
Preparation:	3541	Prep Batch: 500-47474	Lab File ID:	13979-8A.D
Dilution:	10		Initial Weight/Volume:	15.7837 g
Date Analyzed:	09/22/2008 1407	Run Type: DL	Final Weight/Volume:	0.5 mL
Date Prepared:	09/15/2008 1611		Injection Volume:	1.0 µL

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	86	33 - 114
Nitrobenzene-d5	81	21 - 116
Terphenyl-d14	103	48 - 146

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-8 3'

Lab Sample ID: 500-13979-9

Client Matrix: Solid

% Moisture: 4.6

Date Sampled: 09/09/2008 1210

Date Received: 09/12/2008 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 500-47891

Instrument ID: Agilent 6890N GC - 5973N

Preparation: 3541

Prep Batch: 500-47474

Lab File ID: 13979-9.D

Dilution: 1.0

Initial Weight/Volume: 15.0985 g

Date Analyzed: 09/19/2008 1730

Final Weight/Volume: 0.5 mL

Date Prepared: 09/15/2008 1611

Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Acenaphthene		ND		0.034
Acenaphthylene		ND		0.034
Anthracene		0.067		0.034
Fluoranthene		2.0		0.034
Fluorene		ND		0.034
Naphthalene		0.25		0.034
Phenanthrene		0.44		0.034
Surrogate	%Rec			Acceptance Limits
2-Fluorobiphenyl	82			33 - 114
Nitrobenzene-d5	78			21 - 116
Terphenyl-d14	102			48 - 146

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-8 3'

Lab Sample ID: 500-13979-9

Client Matrix: Solid

% Moisture: 4.6

Date Sampled: 09/09/2008 1210

Date Received: 09/12/2008 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 500-48068	Instrument ID:	Agilent 6890N GC - 5973N
Preparation:	3541	Prep Batch: 500-47474	Lab File ID:	13979-9A.D
Dilution:	10		Initial Weight/Volume:	15.0985 g
Date Analyzed:	09/22/2008 1428	Run Type: DL	Final Weight/Volume:	0.5 mL
Date Prepared:	09/15/2008 1611		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Benzo[a]anthracene		5.8		0.34
Benzo[a]pyrene		8.3		0.34
Benzo[b]fluoranthene		14		0.34
Benzo[g,h,i]perylene		7.7		0.34
Benzo[k]fluoranthene		6.1		0.34
Chrysene		7.0		0.34
Dibenz(a,h)anthracene		ND		0.34
Indeno[1,2,3-cd]pyrene		6.8		0.34
Pyrene		3.0		0.34

Method:	8270C	Analysis Batch: 500-48068	Instrument ID:	Agilent 6890N GC - 5973N
Preparation:	3541	Prep Batch: 500-47474	Lab File ID:	13979-9A.D
Dilution:	10		Initial Weight/Volume:	15.0985 g
Date Analyzed:	09/22/2008 1428	Run Type: DL	Final Weight/Volume:	0.5 mL
Date Prepared:	09/15/2008 1611		Injection Volume:	1.0 uL

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	91	33 - 114
Nitrobenzene-d5	84	21 - 116
Terphenyl-d14	103	48 - 146

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-8 5'

Lab Sample ID: 500-13979-10

Client Matrix: Solid

% Moisture: 7.9

Date Sampled: 09/09/2008 1210

Date Received: 09/12/2008 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 500-47891

Instrument ID: Agilent 6890N GC - 5973N

Preparation: 3541

Prep Batch: 500-47474

Lab File ID: 13979-10.D

Dilution: 1.0

Initial Weight/Volume: 15.4732 g

Date Analyzed: 09/19/2008 1751

Final Weight/Volume: 0.5 mL

Date Prepared: 09/15/2008 1611

Injection Volume: 1.0 µL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Acenaphthene		ND		0.035
Acenaphthylene		ND		0.035
Anthracene		0.056		0.035
Dibenz(a,h)anthracene		1.9		0.035
Fluoranthene		1.4		0.035
Fluorene		ND		0.035
Naphthalene		0.15		0.035
Phenanthrene		0.30		0.035
Pyrene		2.0		0.035
Surrogate	%Rec			Acceptance Limits
2-Fluorobiphenyl	57			33 - 114
Nitrobenzene-d5	48			21 - 116
Terphenyl-d14	74			48 - 146

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-8 5'

Lab Sample ID: 500-13979-10

Date Sampled: 09/09/2008 1210

Client Matrix: Solid

% Moisture: 7.9

Date Received: 09/12/2008 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 500-48068	Instrument ID:	Agilent 6890N GC - 5973N
Preparation:	3541	Prep Batch: 500-47474	Lab File ID:	13979-10A.D
Dilution:	5.0		Initial Weight/Volume:	15.4732 g
Date Analyzed:	09/22/2008 1448	Run Type: DL	Final Weight/Volume:	0.5 mL
Date Prepared:	09/15/2008 1611		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Benzo[a]anthracene		3.4		0.17
Benzo[a]pyrene		4.9		0.17
Benzo[b]fluoranthene		6.7		0.17
Benzo[g,h,i]perylene		4.3		0.17
Benzo[k]fluoranthene		5.6		0.17
Chrysene		4.4		0.17
Indeno[1,2,3-cd]pyrene		3.8		0.17

Method:	8270C	Analysis Batch: 500-48068	Instrument ID:	Agilent 6890N GC - 5973N
Preparation:	3541	Prep Batch: 500-47474	Lab File ID:	13979-10A.D
Dilution:	5.0		Initial Weight/Volume:	15.4732 g
Date Analyzed:	09/22/2008 1448	Run Type: DL	Final Weight/Volume:	0.5 mL
Date Prepared:	09/15/2008 1611		Injection Volume:	1.0 uL

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	60	33 - 114
Nitrobenzene-d5	53	21 - 116
Terphenyl-d14	73	48 - 146

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: MW-2 3'

Lab Sample ID: 500-13979-11

Date Sampled: 09/10/2008 0915

Client Matrix: Solid

% Moisture: 21.1

Date Received: 09/12/2008 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 500-47891

Instrument ID: Agilent 6890N GC - 5973N

Preparation: 3541

Prep Batch: 500-47474

Lab File ID: 13979-11.D

Dilution: 1.0

Initial Weight/Volume: 15.0988 g

Date Analyzed: 09/19/2008 1812

Final Weight/Volume: 0.5 mL

Date Prepared: 09/15/2008 1611

Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Acenaphthene		ND		0.042
Acenaphthylene		ND		0.042
Anthracene		ND		0.042
Benzo[a]anthracene		0.13		0.042
Benzo[a]pyrene		0.25		0.042
Benzo[b]fluoranthene		0.26		0.042
Benzo[g,h,i]perylene		0.26		0.042
Benzo[k]fluoranthene		0.18		0.042
Chrysene		0.18		0.042
Dibenz(a,h)anthracene		0.10		0.042
Fluoranthene		0.22		0.042
Fluorene		ND		0.042
Indeno[1,2,3-cd]pyrene		0.23		0.042
Naphthalene		ND		0.042
Phenanthrene		0.13		0.042
Pyrene		0.24		0.042

Surrogate**%Rec****Acceptance Limits**

2-Fluorobiphenyl

54

33 - 114

Nitrobenzene-d5

46

21 - 116

Terphenyl-d14

76

48 - 146

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: MW-2 5'

Lab Sample ID: 500-13979-12

Date Sampled: 09/10/2008 0915

Client Matrix: Solid

% Moisture: 19.7

Date Received: 09/12/2008 1500

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 500-48068	Instrument ID:	Agilent 6890N GC - 5973N
Preparation:	3541	Prep Batch: 500-47474	Lab File ID:	13979-12.D
Dilution:	1.0		Initial Weight/Volume:	15.3863 g
Date Analyzed:	09/22/2008 1326		Final Weight/Volume:	1.0 mL
Date Prepared:	09/15/2008 1611		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Acenaphthene		ND		0.080
Acenaphthylene		ND		0.080
Anthracene		ND		0.080
Benzo[a]anthracene		ND		0.080
Benzo[a]pyrene		ND		0.080
Benzo[b]fluoranthene		ND		0.080
Benzo[g,h,i]perylene		ND		0.080
Benzo[k]fluoranthene		ND		0.080
Chrysene		ND		0.080
Dibenz(a,h)anthracene		ND		0.080
Fluoranthene		ND		0.080
Fluorene		ND		0.080
Indeno[1,2,3-cd]pyrene		ND		0.080
Naphthalene		ND		0.080
Phenanthrene		ND		0.080
Pyrene		ND		0.080

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	60	33 - 114
Nitrobenzene-d5	48	21 - 116
Terphenyl-d14	72	48 - 146

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-1 5'

Lab Sample ID: 500-13979-1

Client Matrix: Solid

Date Sampled: 09/09/2008 0910

Date Received: 09/12/2008 1500

6010B Metals (ICP)-SPLP East

Method:	6010B	Analysis Batch:	500-47967	Instrument ID:	TJA ICAP 61E Trace
Preparation:	3010A	Prep Batch:	500-47746	Lab File ID:	P50920A
Dilution:	1.0	Leachate Batch:	500-47574	Initial Weight/Volume:	50 mL
Date Analyzed:	09/20/2008 1719			Final Weight/Volume:	50 mL
Date Prepared:	09/18/2008 0840				
Date Leached:	09/16/2008 1612				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Arsenic		1.2		0.050
Barium		0.72		0.50
Cadmium		ND		0.0050
Chromium		0.054		0.025
Lead		0.074		0.050
Selenium		ND		0.050
Silver		ND		0.025

7470A Mercury (CVAA)-SPLP East

Method:	7470A	Analysis Batch:	500-47785	Instrument ID:	Leeman Labs PS200
Preparation:	7470A	Prep Batch:	500-47782	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch:	500-47574	Initial Weight/Volume:	2.5 mL
Date Analyzed:	09/18/2008 1345			Final Weight/Volume:	25 mL
Date Prepared:	09/18/2008 0930				
Date Leached:	09/16/2008 1612				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Mercury		ND		0.0020

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-3 5'

Lab Sample ID: 500-13979-3

Client Matrix: Solid

Date Sampled: 09/09/2008 1005

Date Received: 09/12/2008 1500

6010B Metals (ICP)-SPLP East

Method:	6010B	Analysis Batch:	500-47967	Instrument ID:	TJA ICAP 61E Trace
Preparation:	3010A	Prep Batch:	500-47746	Lab File ID:	P50920A
Dilution:	1.0	Leachate Batch:	500-47574	Initial Weight/Volume:	50 mL
Date Analyzed:	09/20/2008 1725			Final Weight/Volume:	50 mL
Date Prepared:	09/18/2008 0840				
Date Leached:	09/16/2008 1612				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Arsenic		ND		0.050
Barium		ND		0.50
Cadmium		ND		0.0050
Chromium		ND		0.025
Lead		ND		0.050
Selenium		ND		0.050
Silver		ND		0.025

7470A Mercury (CVAA)-SPLP East

Method:	7470A	Analysis Batch:	500-47785	Instrument ID:	Leeman Labs PS200
Preparation:	7470A	Prep Batch:	500-47782	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch:	500-47574	Initial Weight/Volume:	2.5 mL
Date Analyzed:	09/18/2008 1347			Final Weight/Volume:	25 mL
Date Prepared:	09/18/2008 0930				
Date Leached:	09/16/2008 1612				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Mercury		ND		0.0020

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-4 5'

Lab Sample ID: 500-13979-4

Client Matrix: Solid

Date Sampled: 09/09/2008 1020

Date Received: 09/12/2008 1500

6010B Metals (ICP)-SPLP East

Method:	6010B	Analysis Batch:	500-47967	Instrument ID:	TJA ICAP 61E Trace
Preparation:	3010A	Prep Batch:	500-47746	Lab File ID:	P50920A
Dilution:	1.0	Leachate Batch:	500-47574	Initial Weight/Volume:	50 mL
Date Analyzed:	09/20/2008 1731			Final Weight/Volume:	50 mL
Date Prepared:	09/18/2008 0840				
Date Leached:	09/16/2008 1612				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Arsenic		ND		0.050
Barium		ND		0.50
Cadmium		ND		0.0050
Chromium		ND		0.025
Lead		ND		0.050
Selenium		ND		0.050
Silver		ND		0.025

7470A Mercury (CVAA)-SPLP East

Method:	7470A	Analysis Batch:	500-47785	Instrument ID:	Leeman Labs PS200
Preparation:	7470A	Prep Batch:	500-47782	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch:	500-47574	Initial Weight/Volume:	2.5 mL
Date Analyzed:	09/18/2008 1349			Final Weight/Volume:	25 mL
Date Prepared:	09/18/2008 0930				
Date Leached:	09/16/2008 1612				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Mercury		ND		0.0020

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-5 5'

Lab Sample ID: 500-13979-5

Client Matrix: Solid

Date Sampled: 09/09/2008 1045

Date Received: 09/12/2008 1500

6010B Metals (ICP)-SPLP East

Method:	6010B	Analysis Batch:	500-47967	Instrument ID:	TJA ICAP 61E Trace
Preparation:	3010A	Prep Batch:	500-47746	Lab File ID:	P50920A
Dilution:	1.0	Leachate Batch:	500-47574	Initial Weight/Volume:	50 mL
Date Analyzed:	09/20/2008 1737			Final Weight/Volume:	50 mL
Date Prepared:	09/18/2008 0840				
Date Leached:	09/16/2008 1612				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Arsenic		ND		0.050
Barium		ND		0.50
Cadmium		ND		0.0050
Chromium		ND		0.025
Lead		ND		0.050
Selenium		ND		0.050
Silver		ND		0.025

7470A Mercury (CVAA)-SPLP East

Method:	7470A	Analysis Batch:	500-47785	Instrument ID:	Leeman Labs PS200
Preparation:	7470A	Prep Batch:	500-47782	Lab File ID:	N/A
Dilution:	1.0	Leachate Batch:	500-47574	Initial Weight/Volume:	2.5 mL
Date Analyzed:	09/18/2008 1351			Final Weight/Volume:	25 mL
Date Prepared:	09/18/2008 0930				
Date Leached:	09/16/2008 1612				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Mercury		ND		0.0020

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Client Sample ID: ETS-6 5'

Lab Sample ID: 500-13979-6

Client Matrix: Solid

Date Sampled: 09/09/2008 1115

Date Received: 09/12/2008 1500

6010B Metals (ICP)-SPLP East

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 09/20/2008 1834
Date Prepared: 09/18/2008 0840
Date Leached: 09/16/2008 1612

Analysis Batch: 500-47967
Prep Batch: 500-47746
Leachate Batch: 500-47574

Instrument ID: TJA ICAP 61E Trace
Lab File ID: P50920A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Arsenic		7.3		0.050
Barium		ND		0.50
Cadmium		ND		0.0050
Chromium		ND		0.025
Lead		ND		0.050
Selenium		ND		0.050
Silver		ND		0.025

7470A Mercury (CVAA)-SPLP East

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 09/18/2008 1357
Date Prepared: 09/18/2008 0930
Date Leached: 09/16/2008 1612

Analysis Batch: 500-47785
Prep Batch: 500-47782
Leachate Batch: 500-47574

Instrument ID: Leeman Labs PS200
Lab File ID: N/A
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 25 mL

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL
Mercury		ND		0.0020

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

General Chemistry**Client Sample ID: ETS-1 5'**

Lab Sample ID: 500-13979-1

Client Matrix: Solid

Date Sampled: 09/09/2008 0910

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	26		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47349	Date Analyzed	09/12/2008 2220			
Percent Solids	74		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47349	Date Analyzed	09/12/2008 2220			

Client Sample ID: ETS-2

Lab Sample ID: 500-13979-2

Client Matrix: Solid

Date Sampled: 09/09/2008 0945

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Organic Matter at 440 Deg(C)	4.7		%	0.10	1.0	D2974-87
	Any Batch: 500-47452	Date Analyzed	09/14/2008 0000			DryWt Corrected: N
FOC by Nelson and Sommers (0.58 factor)	2.7		%	0.058	1.0	D2974-87
	Any Batch: 500-47452	Date Analyzed	09/14/2008 0000			DryWt Corrected: N

Client Sample ID: ETS-3 5'

Lab Sample ID: 500-13979-3

Client Matrix: Solid

Date Sampled: 09/09/2008 1005

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	20		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47349	Date Analyzed	09/12/2008 2220			
Percent Solids	80		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47349	Date Analyzed	09/12/2008 2220			

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

General Chemistry**Client Sample ID: ETS-4 5'**

Lab Sample ID: 500-13979-4

Client Matrix: Solid

Date Sampled: 09/09/2008 1020

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	23		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			
Percent Solids	77		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			

Client Sample ID: ETS-5 5'

Lab Sample ID: 500-13979-5

Client Matrix: Solid

Date Sampled: 09/09/2008 1045

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	20		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			
Percent Solids	80		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			

Client Sample ID: ETS-6 5'

Lab Sample ID: 500-13979-6

Client Matrix: Solid

Date Sampled: 09/09/2008 1115

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	22		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			
Percent Solids	78		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			

Client Sample ID: ETS-7 3'

Lab Sample ID: 500-13979-7

Client Matrix: Solid

Date Sampled: 09/09/2008 1140

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	6.4		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			
Percent Solids	94		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

General Chemistry**Client Sample ID: ETS-7 5'**

Lab Sample ID: 500-13979-8

Client Matrix: Solid

Date Sampled: 09/09/2008 1140

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	8.4		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			
Percent Solids	92		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			

Client Sample ID: ETS-8 3'

Lab Sample ID: 500-13979-9

Client Matrix: Solid

Date Sampled: 09/09/2008 1210

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	4.6		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			
Percent Solids	95		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			

Client Sample ID: ETS-8 5'

Lab Sample ID: 500-13979-10

Client Matrix: Solid

Date Sampled: 09/09/2008 1210

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	7.9		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			
Percent Solids	92		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			

Client Sample ID: MW-2 3'

Lab Sample ID: 500-13979-11

Client Matrix: Solid

Date Sampled: 09/10/2008 0915

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	21		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			
Percent Solids	79		%	0.10	1.0	PercentMoisture
	Any Batch: 500-47353	Date Analyzed	09/12/2008 2229			

Analytical Data

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

General Chemistry

Client Sample ID: MW-2 5'

Lab Sample ID: 500-13979-12

Client Matrix: Solid

Date Sampled: 09/10/2008 0915

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	20		%	0.10	1.0	PercentMoisture
	Anly Batch: 500-47353	Date Analyzed	09/12/2008 2229			
Percent Solids	80		%	0.10	1.0	PercentMoisture
	Anly Batch: 500-47353	Date Analyzed	09/12/2008 2229			

Client Sample ID: MW-4 4'

Lab Sample ID: 500-13979-13

Client Matrix: Solid

Date Sampled: 09/10/2008 0750

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	20		%	0.10	1.0	PercentMoisture
	Anly Batch: 500-47802	Date Analyzed	09/19/2008 0102			
Percent Solids	80		%	0.10	1.0	PercentMoisture
	Anly Batch: 500-47802	Date Analyzed	09/19/2008 0102			

Client Sample ID: MW-4 7'

Lab Sample ID: 500-13979-14

Client Matrix: Solid

Date Sampled: 09/10/2008 0750

Date Received: 09/12/2008 1500

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	21		%	0.10	1.0	PercentMoisture
	Anly Batch: 500-47802	Date Analyzed	09/19/2008 0102			
Percent Solids	79		%	0.10	1.0	PercentMoisture
	Anly Batch: 500-47802	Date Analyzed	09/19/2008 0102			

DATA REPORTING QUALIFIERS

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS or LCSD exceeds the control limits

DRAFT

QUALITY CONTROL RESULTS

DRAFT

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1
Sdg Number: 500-13979-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 500-47366					
500-13979-13	MW-4 4'	T	Solid	5035	
500-13979-14	MW-4 7'	T	Solid	5035	
Analysis Batch: 500-47498					
LCS 500-47498/26	Lab Control Spike	T	Solid	8260B	
LCSD 500-47498/27	Lab Control Spike Duplicate	T	Solid	8260B	
MB 500-47498/25	Method Blank	T	Solid	8260B	
500-13979-13	MW-4 4'	T	Solid	8260B	500-47366
500-13979-14	MW-4 7'	T	Solid	8260B	500-47366

Report Basis

T = Total

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1
Sdg Number: 500-13979-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 500-47474					
LCS 500-47474/2-A	Lab Control Spike	T	Solid	3541	
MB 500-47474/1-A	Method Blank	T	Solid	3541	
500-13979-7	ETS-7 3'	T	Solid	3541	
500-13979-7DL	ETS-7 3'	T	Solid	3541	
500-13979-8	ETS-7 5'	T	Solid	3541	
500-13979-8DL	ETS-7 5'	T	Solid	3541	
500-13979-9	ETS-8 3'	T	Solid	3541	
500-13979-9DL	ETS-8 3'	T	Solid	3541	
500-13979-10	ETS-8 5'	T	Solid	3541	
500-13979-10DL	ETS-8 5'	T	Solid	3541	
500-13979-11	MW-2 3'	T	Solid	3541	
500-13979-12	MW-2 5'	T	Solid	3541	
Analysis Batch: 500-47684					
LCS 500-47474/2-A	Lab Control Spike	T	Solid	8270C	500-47474
MB 500-47474/1-A	Method Blank	T	Solid	8270C	500-47474
Analysis Batch: 500-47891					
500-13979-7	ETS-7 3'	T	Solid	8270C	500-47474
500-13979-8	ETS-7 5'	T	Solid	8270C	500-47474
500-13979-9	ETS-8 3'	T	Solid	8270C	500-47474
500-13979-10	ETS-8 5'	T	Solid	8270C	500-47474
500-13979-11	MW-2 3'	T	Solid	8270C	500-47474
Analysis Batch: 500-48068					
500-13979-7DL	ETS-7 3'	T	Solid	8270C	500-47474
500-13979-8DL	ETS-7 5'	T	Solid	8270C	500-47474
500-13979-9DL	ETS-8 3'	T	Solid	8270C	500-47474
500-13979-10DL	ETS-8 5'	T	Solid	8270C	500-47474
500-13979-12	MW-2 5'	T	Solid	8270C	500-47474

Report Basis

T = Total

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1
Sdg Number: 500-13979-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 500-47574					
LB 500-47574/1-B	TCLP SPLPE Leachate Blank	E	Solid	1312	
LB 500-47574/1-C	TCLP SPLPE Leachate Blank	E	Solid	1312	
500-13979-1	ETS-1 5'	E	Solid	1312	
500-13979-3	ETS-3 5'	E	Solid	1312	
500-13979-4	ETS-4 5'	E	Solid	1312	
500-13979-5	ETS-5 5'	E	Solid	1312	
500-13979-5DU	Duplicate	E	Solid	1312	
500-13979-5MS	Matrix Spike	E	Solid	1312	
500-13979-6	ETS-6 5'	E	Solid	1312	
Prep Batch: 500-47746					
LCS 500-47746/2-A	Lab Control Spike	T	Water	3010A	
LB 500-47574/1-B	TCLP SPLPE Leachate Blank	E	Solid	3010A	500-47574
500-13979-1	ETS-1 5'	E	Solid	3010A	500-47574
500-13979-3	ETS-3 5'	E	Solid	3010A	500-47574
500-13979-4	ETS-4 5'	E	Solid	3010A	500-47574
500-13979-5	ETS-5 5'	E	Solid	3010A	500-47574
500-13979-5DU	Duplicate	E	Solid	3010A	500-47574
500-13979-5MS	Matrix Spike	E	Solid	3010A	500-47574
500-13979-6	ETS-6 5'	E	Solid	3010A	500-47574
Prep Batch: 500-47782					
LCS 500-47782/2-A	Lab Control Spike	T	Water	7470A	
MB 500-47782/1-A	Method Blank	T	Water	7470A	
LB 500-47574/1-C	TCLP SPLPE Leachate Blank	E	Solid	7470A	500-47574
500-13979-1	ETS-1 5'	E	Solid	7470A	500-47574
500-13979-3	ETS-3 5'	E	Solid	7470A	500-47574
500-13979-4	ETS-4 5'	E	Solid	7470A	500-47574
500-13979-5	ETS-5 5'	E	Solid	7470A	500-47574
500-13979-5DU	Duplicate	E	Solid	7470A	500-47574
500-13979-5MS	Matrix Spike	E	Solid	7470A	500-47574
500-13979-6	ETS-6 5'	E	Solid	7470A	500-47574
Analysis Batch: 500-47785					
LB 500-47574/1-C	TCLP SPLPE Leachate Blank	E	Solid	7470A	500-47782
LCS 500-47782/2-A	Lab Control Spike	T	Water	7470A	500-47782
MB 500-47782/1-A	Method Blank	T	Water	7470A	500-47782
500-13979-1	ETS-1 5'	E	Solid	7470A	500-47782
500-13979-3	ETS-3 5'	E	Solid	7470A	500-47782
500-13979-4	ETS-4 5'	E	Solid	7470A	500-47782
500-13979-5	ETS-5 5'	E	Solid	7470A	500-47782
500-13979-5DU	Duplicate	E	Solid	7470A	500-47782
500-13979-5MS	Matrix Spike	E	Solid	7470A	500-47782
500-13979-6	ETS-6 5'	E	Solid	7470A	500-47782

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1
Sdg Number: 500-13979-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:500-47967					
LB 500-47574/1-B	TCLP SPLPE Leachate Blank	E	Solid	6010B	500-47746
LCS 500-47746/2-A	Lab Control Spike	T	Water	6010B	500-47746
500-13979-1	ETS-1 5'	E	Solid	6010B	500-47746
500-13979-3	ETS-3 5'	E	Solid	6010B	500-47746
500-13979-4	ETS-4 5'	E	Solid	6010B	500-47746
500-13979-5	ETS-5 5'	E	Solid	6010B	500-47746
500-13979-5DU	Duplicate	E	Solid	6010B	500-47746
500-13979-5MS	Matrix Spike	E	Solid	6010B	500-47746
500-13979-6	ETS-6 5'	E	Solid	6010B	500-47746
Report Basis					
E = SPLP East					
T = Total					
General Chemistry					
Analysis Batch:500-47349					
500-13979-1	ETS-1 5'	T	Solid	PercentMoisture	
500-13979-3	ETS-3 5'	T	Solid	PercentMoisture	
Analysis Batch:500-47353					
500-13979-4	ETS-4 5'	T	Solid	PercentMoisture	
500-13979-4DU	Duplicate	T	Solid	PercentMoisture	
500-13979-5	ETS-5 5'	T	Solid	PercentMoisture	
500-13979-6	ETS-6 5'	T	Solid	PercentMoisture	
500-13979-7	ETS-7 3'	T	Solid	PercentMoisture	
500-13979-8	ETS-7 5'	T	Solid	PercentMoisture	
500-13979-9	ETS-8 3'	T	Solid	PercentMoisture	
500-13979-10	ETS-8 5'	T	Solid	PercentMoisture	
500-13979-11	MW-2 3'	T	Solid	PercentMoisture	
500-13979-12	MW-2 5'	T	Solid	PercentMoisture	
Analysis Batch:500-47452					
500-13979-2	ETS-2	T	Solid	D2974-87	
500-13979-2DU	Duplicate	T	Solid	D2974-87	
Analysis Batch:500-47802					
500-13979-13	MW-4 4'	T	Solid	PercentMoisture	
500-13979-14	MW-4 7'	T	Solid	PercentMoisture	
Report Basis					
T = Total					

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	12DCE %Rec	TOL %Rec	BFB %Rec
500-13979-13	MW-4 4'	119	111	111	93
500-13979-14	MW-4 7'	119	109	98	83
MB 500-47498/25		110	104	110	94
LCS 500-47498/26		109	98	108	101
LCSD 500-47498/27		115	103	108	97

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	75-140
12DCE = 1,2-Dichloroethane-d4 (Surr)	75-140
TOL = Toluene-d8 (Surr)	75-130
BFB = 4-Bromofluorobenzene (Surr)	75-120

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	NBZ %Rec	TPH %Rec
500-13979-7	ETS-7 3'	66	55	81
500-13979-7 DL	ETS-7 3' DL	81	74	102
500-13979-8	ETS-7 5'	69	63	85
500-13979-8 DL	ETS-7 5' DL	86	81	103
500-13979-9	ETS-8 3'	82	78	102
500-13979-9 DL	ETS-8 3' DL	91	84	103
500-13979-10	ETS-8 5'	57	48	74
500-13979-10 DL	ETS-8 5' DL	60	53	73
500-13979-11	MW-2 3'	54	46	76
500-13979-12	MW-2 5'	60	48	72
MB 500-47474/1-A		85	87	89
LCS 500-47474/2-A		88	86	102

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl	33-114
NBZ = Nitrobenzene-d5	21-116
TPH = Terphenyl-d14	48-146

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Method Blank - Batch: 500-47498

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 500-47498/25

Analysis Batch: 500-47498

Instrument ID: Agilent 6890N GC - 5975N

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: 19m0915.D

Dilution: 1.0

Units: mg/Kg

Initial Weight/Volume: 5 mL

Date Analyzed: 09/15/2008 1040

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result	Qual	RL
Acetone	ND		0.0050
Benzene	ND		0.0050
Bromodichloromethane	ND		0.0050
Bromoform	ND		0.0050
Bromomethane	ND		0.0050
2-Butanone (MEK)	ND		0.0050
Carbon disulfide	ND		0.0050
Carbon tetrachloride	ND		0.0050
Chlorobenzene	ND		0.0050
Dibromochloromethane	ND		0.0050
Chloroethane	ND		0.0050
Chloroform	ND		0.0050
Chloromethane	ND		0.0050
1,1-Dichloroethane	ND		0.0050
1,2-Dichloroethane	ND		0.0050
1,1-Dichloroethene	ND		0.0050
cis-1,2-Dichloroethene	ND		0.0050
trans-1,2-Dichloroethene	ND		0.0050
1,2-Dichloropropane	ND		0.0050
1,3-Dichloropropene, Total	ND		0.0050
Ethylbenzene	ND		0.0050
2-Hexanone	ND		0.0050
Methylene Chloride	ND		0.0050
4-Methyl-2-pentanone (MIBK)	ND		0.0050
Methyl tert-butyl ether	ND		0.0050
Styrene	ND		0.0050
1,1,2,2-Tetrachloroethane	ND		0.0050
Tetrachloroethene	ND		0.0050
Toluene	ND		0.0050
1,1,1-Trichloroethane	ND		0.0050
1,1,2-Trichloroethane	ND		0.0050
Trichloroethene	ND		0.0050
Trichlorofluoromethane	ND		0.0050
Vinyl acetate	ND		0.0050
Vinyl chloride	ND		0.0050
Xylenes, Total	ND		0.010

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	110	75 - 140
1,2-Dichloroethane-d4 (Surr)	104	75 - 140
Toluene-d8 (Surr)	110	75 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Surrogate

% Rec

Acceptance Limits

4-Bromofluorobenzene (Surr)

94

75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 500-47498

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 500-47498/26
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/15/2008 1105
Date Prepared: N/A

Analysis Batch: 500-47498
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 19s0915.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 500-47498/27
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/15/2008 2027
Date Prepared: N/A

Analysis Batch: 500-47498
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5975
Lab File ID: 19t0915.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Acetone	74	69	24 - 147	7	30		
Benzene	95	89	76 - 120	7	30		
Bromodichloromethane	107	105	80 - 120	3	30		
Bromoform	95	84	57 - 120	13	30		
Bromomethane	87	88	51 - 154	2	30		
2-Butanone (MEK)	77	75	50 - 120	2	30		
Carbon disulfide	82	77	33 - 140	6	30		
Carbon tetrachloride	104	94	63 - 120	10	30		
Chlorobenzene	100	93	76 - 120	8	30		
Dibromochloromethane	94	89	72 - 120	5	30		
Chloroethane	72	71	42 - 155	2	30		
Chloroform	98	97	76 - 120	1	30		
Chloromethane	59	60	36 - 143	3	30		
1,1-Dichloroethane	86	83	70 - 120	4	30		
1,2-Dichloroethane	95	93	74 - 120	2	30		
1,1-Dichloroethene	91	84	58 - 127	9	30		
cis-1,2-Dichloroethene	99	92	79 - 120	7	30		
trans-1,2-Dichloroethene	95	86	70 - 120	10	30		
1,2-Dichloropropane	88	83	75 - 120	7	30		
Ethylbenzene	103	91	78 - 120	13	30		
2-Hexanone	75	67	58 - 120	11	30		
Methylene Chloride	91	91	66 - 124	0	30		
4-Methyl-2-pentanone (MIBK)	79	75	65 - 126	5	30		
Methyl tert-butyl ether	88	85	66 - 122	4	30		
Styrene	102	93	82 - 120	10	30		
1,1,2,2-Tetrachloroethane	94	86	73 - 120	8	30		
Tetrachloroethene	100	85	70 - 120	17	30		
Toluene	99	89	78 - 120	10	30		
1,1,1-Trichloroethane	97	93	70 - 120	4	30		
1,1,2-Trichloroethane	100	94	77 - 120	6	30		
Trichloroethene	104	95	74 - 120	9	30		
Trichlorofluoromethane	97	92	44 - 144	5	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 500-47498

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 500-47498/26
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/15/2008 1105
Date Prepared: N/A

Analysis Batch: 500-47498
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5975N
Lab File ID: 19s0915.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 500-47498/27
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/15/2008 2027
Date Prepared: N/A

Analysis Batch: 500-47498
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5975
Lab File ID: 19t0915.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Vinyl acetate	48	43	48 - 145	10	30		*
Vinyl chloride	72	71	49 - 133	1	30		
Xylenes, Total	98	89	77 - 120	10	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Dibromofluoromethane	109		115		75 - 140		
1,2-Dichloroethane-d4 (Surr)	98		103		75 - 140		
Toluene-d8 (Surr)	108		108		75 - 130		
4-Bromofluorobenzene (Surr)	101		97		75 - 120		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Method Blank - Batch: 500-47474

Method: 8270C

Preparation: 3541

Lab Sample ID: MB 500-47474/1-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/17/2008 1537

Date Prepared: 09/15/2008 1611

Analysis Batch: 500-47684

Prep Batch: 500-47474

Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N

Lab File ID: 47474MA.D

Initial Weight/Volume: 15.0000 g

Final Weight/Volume: 0.5 mL

Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
Acenaphthene	ND		0.033
Acenaphthylene	ND		0.033
Anthracene	ND		0.033
Benzo[a]anthracene	ND		0.033
Benzo[a]pyrene	ND		0.033
Benzo[b]fluoranthene	ND		0.033
Benzo[g,h,i]perylene	ND		0.033
Benzo[k]fluoranthene	ND		0.033
Chrysene	ND		0.033
Dibenz[a,h]anthracene	ND		0.033
Fluoranthene	ND		0.033
Fluorene	ND		0.033
Indeno[1,2,3-cd]pyrene	ND		0.033
Naphthalene	ND		0.033
Phenanthrene	ND		0.033
Pyrene	ND		0.033
Surrogate	% Rec	Acceptance Limits	
2-Fluorobiphenyl	85	33 - 114	
Nitrobenzene-d5	87	21 - 116	
Terphenyl-d14	89	48 - 146	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Lab Control Spike - Batch: 500-47474

Method: 8270C

Preparation: 3541

Lab Sample ID: LCS 500-47474/2-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/17/2008 1431

Date Prepared: 09/15/2008 1611

Analysis Batch: 500-47684

Prep Batch: 500-47474

Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N

Lab File ID: 47474BS.D

Initial Weight/Volume: 15.0000 g

Final Weight/Volume: 0.5 mL

Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	1.67	1.26	75	60 - 110	
Acenaphthylene	1.67	1.31	79	61 - 110	
Anthracene	1.67	1.36	82	62 - 110	
Benzo[a]anthracene	1.67	1.37	82	60 - 117	
Benzo[a]pyrene	1.67	1.38	83	61 - 111	
Benzo[b]fluoranthene	1.67	1.41	85	56 - 118	
Benzo[g,h,i]perylene	1.67	1.41	85	61 - 113	
Benzo[k]fluoranthene	1.67	1.35	81	51 - 114	
Chrysene	1.67	1.40	84	56 - 117	
Dibenz(a,h)anthracene	1.67	1.33	80	37 - 124	
Fluoranthene	1.67	1.47	88	62 - 110	
Fluorene	1.67	1.27	76	63 - 110	
Indeno[1,2,3-cd]pyrene	1.67	1.36	82	58 - 110	
Naphthalene	1.67	1.22	73	57 - 110	
Phenanthrene	1.67	1.41	85	63 - 110	
Pyrene	1.67	1.48	89	56 - 121	
Surrogate		% Rec		Acceptance Limits	
2-Fluorobiphenyl		88		33 - 114	
Nitrobenzene-d5		86		21 - 116	
Terphenyl-d14		102		48 - 146	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

TCLP SPLPE Leachate Blank - Batch: 500-47746

Method: 6010B

Preparation: 3010A

SPLP East

Lab Sample ID: LB 500-47574/1-B

Analysis Batch: 500-47967

Instrument ID: TJA ICAP 61E Trace Analy

Client Matrix: Solid

Prep Batch: 500-47746

Lab File ID: P50920A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 50 mL

Date Analyzed: 09/20/2008 1706

Final Weight/Volume: 50 mL

Date Prepared: 09/18/2008 0840

Date Leached: 09/16/2008 1612

Leachate Batch: 500-47574

Analyte	Result	Qual	RL
Arsenic	ND		0.050
Barium	ND		0.50
Cadmium	ND		0.0050
Chromium	ND		0.025
Lead	ND		0.050
Selenium	ND		0.050
Silver	ND		0.025

Lab Control Spike - Batch: 500-47746

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 500-47746/2-A

Analysis Batch: 500-47967

Instrument ID: TJA ICAP 61E Trace Analy

Client Matrix: Water

Prep Batch: 500-47746

Lab File ID: P50920A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 50 mL

Date Analyzed: 09/20/2008 1713

Final Weight/Volume: 50 mL

Date Prepared: 09/18/2008 0840

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	0.100	0.0979	98	80 - 120	
Barium	2.00	2.08	104	80 - 120	
Cadmium	0.0500	0.0518	104	80 - 120	
Chromium	0.200	0.211	106	80 - 120	
Lead	0.100	0.109	109	80 - 120	
Selenium	0.100	0.0926	93	80 - 120	
Silver	0.0500	0.0504	101	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Matrix Spike - Batch: 500-47746

Lab Sample ID: 500-13979-5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/20/2008 1756
Date Prepared: 09/18/2008 0840
Date Leached: 09/16/2008 1612

Analysis Batch: 500-47967
Prep Batch: 500-47746
Units: mg/L

Method: 6010B
Preparation: 3010A
SPLP East

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50920A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Leachate Batch: 500-47574

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	ND	5.00	5.04	101	50 - 150	
Cadmium	ND	1.00	1.05	105	50 - 150	
Chromium	ND	5.00	5.35	107	50 - 150	
Lead	ND	5.00	4.17	83	50 - 150	
Selenium	ND	1.00	0.912	91	50 - 150	
Silver	ND	1.00	1.05	105	50 - 150	

Matrix Spike - Batch: 500-47746

Lab Sample ID: 500-13979-5
Client Matrix: Solid
Dilution: 10
Date Analyzed: 09/20/2008 1826
Date Prepared: 09/18/2008 0840
Date Leached: 09/16/2008 1612

Analysis Batch: 500-47967
Prep Batch: 500-47746
Units: mg/L

Method: 6010B
Preparation: 3010A
SPLP East

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50920A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Leachate Batch: 500-47574

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Barium	ND	100	79.8	80	50 - 150	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Duplicate - Batch: 500-47746

Method: 6010B

Preparation: 3010A

SPLP East

Lab Sample ID: 500-13979-5

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 09/20/2008 1750

Date Prepared: 09/18/2008 0840

Date Leached: 09/16/2008 1612

Analysis Batch: 500-47967

Prep Batch: 500-47746

Units: mg/L

Instrument ID: TJA ICAP 61E Trace Analy

Lab File ID: P50920A

Initial Weight/Volume: 50 mL

Final Weight/Volume: 50 mL

Leachate Batch: 500-47574

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Arsenic	ND	ND	NC	20	
Barium	ND	ND	NC	20	
Cadmium	ND	ND	NC	20	
Chromium	ND	ND	NC	20	
Lead	ND	ND	NC	20	
Selenium	ND	ND	NC	20	
Silver	ND	ND	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Method Blank - Batch: 500-47782

Lab Sample ID: MB 500-47782/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/18/2008 1301
Date Prepared: 09/18/2008 0930

Analysis Batch: 500-47785
Prep Batch: 500-47782
Units: mg/L

Method: 7470A
Preparation: 7470A

Instrument ID: Leeman Labs PS200 Mercur
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Mercury	ND		0.00020

TCLP SPLPE Leachate Blank - Batch: 500-47782

Lab Sample ID: LB 500-47574/1-C
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1339
Date Prepared: 09/18/2008 0930
Date Leached: 09/16/2008 1612

Analysis Batch: 500-47785
Prep Batch: 500-47782
Units: mg/L

Method: 7470A
Preparation: 7470A
SPLP East

Instrument ID: Leeman Labs PS200 Mercur
Lab File ID: N/A
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Mercury	ND		0.0020

Lab Control Spike - Batch: 500-47782

Lab Sample ID: LCS 500-47782/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/18/2008 1303
Date Prepared: 09/18/2008 0930

Analysis Batch: 500-47785
Prep Batch: 500-47782
Units: mg/L

Method: 7470A
Preparation: 7470A

Instrument ID: Leeman Labs PS200 Mercur
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.00200	0.00204	102	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Matrix Spike - Batch: 500-47782

Lab Sample ID: 500-13979-5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1355
Date Prepared: 09/18/2008 0930
Date Leached: 09/16/2008 1612

Analysis Batch: 500-47785
Prep Batch: 500-47782
Units: mg/L

Method: 7470A
Preparation: 7470A
SPLP East

Instrument ID: Leeman Labs PS200 Merct
Lab File ID: N/A
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 25 mL

Leachate Batch: 500-47574

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	ND	0.0100	0.00948	95	50 - 150	

Duplicate - Batch: 500-47782

Lab Sample ID: 500-13979-5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/18/2008 1353
Date Prepared: 09/18/2008 0930
Date Leached: 09/16/2008 1612

Analysis Batch: 500-47785
Prep Batch: 500-47782
Units: mg/L

Method: 7470A
Preparation: 7470A
SPLP East

Instrument ID: Leeman Labs PS200 Merct
Lab File ID: N/A
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 25 mL

Leachate Batch: 500-47574

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	ND	ND	NC	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1

Sdg Number: 500-13979-1

Duplicate - Batch: 500-47452

Method: D2974-87

Preparation: N/A

Lab Sample ID: 500-13979-2

Analysis Batch: 500-47452

Instrument ID: No Equipment Assigned

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: %

Initial Weight/Volume: 1.0 g

Date Analyzed: 09/14/2008 0000

Final Weight/Volume: 1.0 g

Date Prepared: N/A

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Organic Matter at 440 Deg(C)	4.7	4.70	0	20	
FOC by Nelson and Sommers (0.58 factor)	2.7	2.73	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-13979-1
Sdg Number: 500-13979-1

Duplicate - Batch: 500-47353

**Method: PercentMoisture
Preparation: N/A**

Lab Sample ID: 500-13979-4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/12/2008 2229
Date Prepared: N/A

Analysis Batch: 500-47353
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	23	21	8		
Percent Solids	77	79	2	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client ETIS Environmental + Associates		Project Manager Dave Wagner		Date 9/11/08		Chain of Custody Number	
Address 204 Dearborn Court Suite 124		Telephone Number (Area Code)/Fax Number 630-513-4710/630-513-4729		Lab Number		Page 1 of 2	
City Glenview	State IL	Zip Code 60134	Site Contact	Analysis (Attach list if more space is needed)			
Project Name and Location (State) Bufford Park IL		Community/Full Number		Special Instructions/ Conditions of Receipt			
Contract/Purchase Order/Quote No 05-0405A							

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Total Positives	Page 10 of 10	
			Soil	Water	Sludge	Other	Unknown	None	Other	None	Other				
1 ETS - 1 5'	9/9/08	9:10													
2 ETS - 2	9/9/08	9:45													
3 ETS - 3 5'	9/9/08	10:05													
4 ETS - 4 5'	9/9/08	10:20													
5 ETS - 5 5'	9/9/08	10:45													
6 ETS - 6 5'	9/9/08	11:15													
7 ETS - 7 3'	9/9/08	11:40													
8 ETS - 7 5'	9/9/08	11:40													
9 ETS - 4 3'	9/9/08	12:10													
10 ETS - 8 5'	9/9/08	12:10													
11 MW - 2 3'	9/10/08	9:15													
12 MW - 2 5'	9/10/08	9:15													

Possible Hazard Identification		Sample Disposal		Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months		(A fee may be assessed if samples are retained longer than 1 month)	
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Return to Client	<input type="checkbox"/> Return to Client	<input type="checkbox"/> Disposal By Lab	<input type="checkbox"/> Archive For	<input type="checkbox"/> Months
Turn Around Time Required							
<input type="checkbox"/> 24 Hours	<input type="checkbox"/> 48 Hours	<input checked="" type="checkbox"/> 7 Days	<input type="checkbox"/> 14 Days	<input type="checkbox"/> 21 Days	<input type="checkbox"/> Other		
1. Requisitioned By		Date		Time		Date	
2. Requisitioned By		Date		Time		Date	
3. Requisitioned By		Date		Time		Date	

Client
Eis Environmental + Associates

Address
204 Dearborn Court Suite 124

City
Geneva

State
IL

Zip Code
60134

Project Name and Location (State)
Bedford Park IL

Contract/Purchase Order/Quote No.
05 - 0405A

Project Manager
Dave Wagner

Telephone Number (Area Code)/Fax Number
630-513-4710/630-513-4729

Site Contact
Lab Contact

Carrier/Waybill Number

Date
9/11/08

Lab Number

Chain of Custody Number

Page **1** of **2**

Special Instructions/
 Conditions of Receipt

Analysis (Attach list if
 more space is needed)

Project Name and Location (State)		Contract/Purchase Order/Quote No.		Carrier/Waybill Number		Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
Baldwin Park IL		05 - 0405A						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt									
Sample I.D. No. and Description (Containers for each sample may be combined on one line)		Date		Time		Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
						Containers & Preservatives										Matrix										Special Instructions/ Conditions of Receipt											
</																																					

Sample Disposal

☐ Return To Client

☐ Disposal By Lab

☐ Archive For

☐ Months

☐ (A fee may be assessed if samples are retained longer than 1 month)

Possible Hazard Identification

☐ Non-Hazard

☐ Flammable

☐ Skin Irritant

☐ Poison B

☐ Unknown

Turn Around Time Required

☒ 24 Hours

☐ 48 Hours

☐ 7 Days

☐ 14 Days

☐ 21 Days

☐ Other

1. Relinquished By

2. Relinquished By

3. Relinquished By

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Date

Time

Comments

Client: **ETS Environmental + Associates**

Address: **204 Dearborn Court Suite 124**

City: **Grenada** State: **IL** Zip Code: **60134**

Project Name and Location (State): **Bellford Park IL**

Contract/Purchase Order/Quote No.: **03-0405A**

Sampler ID: **35**
 Temperature on Receipt

Drinking Water? Yes ☐ No ☐

500-13979

Project Manager: **Dave Wagner**

Telephone Number (Area Code)/Fax Number: **630-513-4710/630-513-4729**

Site Contact: **Eric H. HSOI**

Carrier/Waybill Number: **HSOI**

Date: **9/11/08**

Lab Number

Page **2** of **2**

Chain of Custody Number

Special Instructions/
Conditions of Receipt

Analysis (Attach list if
more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix										VOCs
			Aqueous	Soil	Unpres.	MSO	MMO	MO	HOH	ZnAc	HOH	HOH	
13 MW-4 4'	9/11/08	7:50		X		X	X	X					X
14 MW-4 7'	9/11/08	7:50		X		X	X	X					X

Page 54 of 55

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Return To Client ☐ Sample Disposal

☐ Disposal By Lab ☐ Archive For _____ Months

QC Requirements (Specify)

(A fee may be assessed if samples are retained
longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

1. Relinquished By **[Signature]** Date **9/11/08** Time **17:30**

2. Relinquished By **[Signature]** Date **9/12/08** Time **13:30**

3. Relinquished By **[Signature]** Date **09/12/08** Time **1500**

Comments

Login Sample Receipt Check List

Client: ETS Environmental

Job Number: 500-13979-1
SDG Number: 500-13979-1

Login Number: 13979
Creator: Kelsey, Shawn M
List Number: 1

List Source: TestAmerica Chicago

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 500-14487-1

SDG Number: 500-14487-1

Job Description: 5401 W. 65th St

For:

ETS Environmental
204 Dearborn Court
Suite 124
Geneva, IL 60134

Attention: Mr. Dave Wagner



Approved for release.
Margaret Kniest
Project Manager II
10/17/2008 12:43 PM

Margaret Kniest
Project Manager II
margaret.kniest@testamericainc.com
10/17/2008

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.

TestAmerica Chicago 2417 Bond Street, University Park, IL 60466

Tel (708) 534-5200 Fax (708) 534-5211 www.testamericainc.com



Job Narrative
500-J14487-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: The following sample(s) submitted for volatiles analysis was received with insufficient preservation (pH >2): MW-1 (500-14487-1). The sample was run within 7 days of collection.

No other analytical or quality issues were noted.

HPLC

Method(s) 8310: Method 8310: Surrogate recovery for the following sample was outside control limits: MW-1 (500-14487-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8310: Method 8310: The laboratory control standard (LCS) for batch 49305 exceeded control limits for several analytes. Insufficient sample to re-extract.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-14487-1	MW-1				
Acetone		0.0059	0.0050	mg/L	8260B
Phenanthrene		0.0037 *	0.00052	mg/L	8310
Fluoranthene		0.012 *	0.00067	mg/L	8310
Chrysene		0.0061	0.0013	mg/L	8310
Anthracene		0.00087 *	0.00026	mg/L	8310
Benzo[a]anthracene		0.0050	0.00067	mg/L	8310
Benzo[b]fluoranthene		0.0088	0.00052	mg/L	8310
Pyrene		0.0085	0.0013	mg/L	8310
Arsenic		0.025	0.010	mg/L	6010B
Barium		0.56	0.010	mg/L	6010B
Cadmium		0.0022	0.0020	mg/L	6010B
Chromium		0.054	0.010	mg/L	6010B
Lead		0.095	0.0050	mg/L	6010B
Mercury		0.00067	0.00020	mg/L	7470A
500-14487-2	MW-2				
Chloroform		0.0041	0.0010	mg/L	8260B
Phenanthrene		0.00027 *	0.00010	mg/L	8310
Naphthalene		0.0033 *	0.0013	mg/L	8310
Indeno[1,2,3-cd]pyrene		0.00056	0.00013	mg/L	8310
Fluoranthene		0.00050 *	0.00013	mg/L	8310
Dibenz(a,h)anthracene		0.00073	0.00031	mg/L	8310
Chrysene		0.00025	0.00013	mg/L	8310
Benzo[a]pyrene		0.00019	0.00013	mg/L	8310
Benzo[b]fluoranthene		0.00022	0.000051	mg/L	8310
Benzo[g,h,i]perylene		0.00029	0.00020	mg/L	8310
Barium		0.24	0.010	mg/L	6010B
Chromium		0.017	0.010	mg/L	6010B
Lead		0.071	0.0050	mg/L	6010B
Mercury		0.00029	0.00020	mg/L	7470A
500-14487-3	MW-3				
Arsenic		0.011	0.010	mg/L	6010B
Barium		0.084	0.010	mg/L	6010B
Chromium		0.026	0.010	mg/L	6010B
Lead		0.019	0.0050	mg/L	6010B
500-14487-4	MW-4				
Barium		0.063	0.010	mg/L	6010B
Chromium		0.015	0.010	mg/L	6010B
Lead		0.015	0.0050	mg/L	6010B

EXECUTIVE SUMMARY - Detections

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-14487-5	MW-5				
Phenanthrene		0.00016 *	0.000097	mg/L	8310
Indeno[1,2,3-cd]pyrene		0.00029	0.00013	mg/L	8310
Fluoranthene		0.00018 *	0.00013	mg/L	8310
Dibenz(a,h)anthracene		0.00039	0.00029	mg/L	8310
Barium		0.17	0.010	mg/L	6010B
Lead		0.028	0.0050	mg/L	6010B

METHOD SUMMARY

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CHI	SW846 8260B	
Purge and Trap	TAL CHI		SW846 5030B
PAHs (HPLC)	TAL CHI	SW846 8310	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CHI		SW846 3510C
Metals (ICP)	TAL CHI	SW846 6010B	
Preparation, Total Metals	TAL CHI		SW846 3010A
Mercury (CVAA)	TAL CHI	SW846 7470A	
Preparation, Mercury	TAL CHI		SW846 7470A

Lab References:

TAL CHI = TestAmerica Chicago

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Method	Analyst	Analyst ID
SW846 8260B	Alikpala, Elaine	EA
SW846 8310	Werner, Sharon A	SAW
SW846 6010B	Smith, Todd D	TDS
SW846 7470A	Klee, George O	GOK

DRAFT

SAMPLE SUMMARY

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-14487-1	MW-1	Water	10/07/2008 1245	10/08/2008 1250
500-14487-2	MW-2	Water	10/07/2008 1400	10/08/2008 1250
500-14487-3	MW-3	Water	10/07/2008 1548	10/08/2008 1250
500-14487-4	MW-4	Water	10/07/2008 1535	10/08/2008 1250
500-14487-5	MW-5	Water	10/07/2008 1315	10/08/2008 1250

SAMPLE RESULTS

DRAFT

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-1

Lab Sample ID: 500-14487-1

Date Sampled: 10/07/2008 1245

Client Matrix: Water

Date Received: 10/08/2008 1250

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/10/2008 1741
Date Prepared: 10/10/2008 1741

Analysis Batch: 500-49460

Instrument ID: Agilent 6890A GC - 5973

Lab File ID: 14487-01.D

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

Analyte	Result (mg/L)	Qualifier	RL
Acetone	0.0059		0.0050
Benzene	ND		0.0010
Bromodichloromethane	ND		0.0010
Bromoform	ND		0.0010
Bromomethane	ND		0.0010
2-Butanone (MEK)	ND		0.0050
Carbon disulfide	ND		0.0050
Carbon tetrachloride	ND		0.0010
Chlorobenzene	ND		0.0010
Dibromochloromethane	ND		0.0010
Chloroethane	ND		0.0010
Chloroform	ND		0.0010
Chloromethane	ND		0.0010
1,1-Dichloroethane	ND		0.0010
1,2-Dichloroethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
cis-1,2-Dichloroethene	ND		0.0010
trans-1,2-Dichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
1,3-Dichloropropene, Total	ND		0.0010
Ethylbenzene	ND		0.0010
2-Hexanone	ND		0.0050
Methylene Chloride	ND		0.0020
4-Methyl-2-pentanone (MIBK)	ND		0.0050
Methyl tert-butyl ether	ND		0.0010
Styrene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
Toluene	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
1,1,2-Trichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
Trichlorofluoromethane	ND		0.0010
Vinyl acetate	ND		0.0050
Vinyl chloride	ND		0.0010
Xylenes, Total	ND		0.0020

Surrogate	%Rec	Acceptance Limits
Dibromofluoromethane	105	75 - 120
1,2-Dichloroethane-d4 (Surr)	93	70 - 125
Toluene-d8 (Surr)	105	75 - 120
4-Bromofluorobenzene (Surr)	85	75 - 120

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-2

Lab Sample ID: 500-14487-2

Date Sampled: 10/07/2008 1400

Client Matrix: Water

Date Received: 10/08/2008 1250

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 500-49460

Instrument ID: Agilent 6890A GC - 5973

Preparation: 5030B

Lab File ID: 14487-02.D

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 10/10/2008 1803

Final Weight/Volume: 10 mL

Date Prepared: 10/10/2008 1803

Analyte	Result (mg/L)	Qualifier	RL
Acetone	ND		0.0050
Benzene	ND		0.0010
Bromodichloromethane	ND		0.0010
Bromoform	ND		0.0010
Bromomethane	ND		0.0010
2-Butanone (MEK)	ND		0.0050
Carbon disulfide	ND		0.0050
Carbon tetrachloride	ND		0.0010
Chlorobenzene	ND		0.0010
Dibromochloromethane	ND		0.0010
Chloroethane	ND		0.0010
Chloroform	0.0041		0.0010
Chloromethane	ND		0.0010
1,1-Dichloroethane	ND		0.0010
1,2-Dichloroethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
cis-1,2-Dichloroethene	ND		0.0010
trans-1,2-Dichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
1,3-Dichloropropene, Total	ND		0.0010
Ethylbenzene	ND		0.0010
2-Hexanone	ND		0.0050
Methylene Chloride	ND		0.0020
4-Methyl-2-pentanone (MIBK)	ND		0.0050
Methyl tert-butyl ether	ND		0.0010
Styrene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
Toluene	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
1,1,2-Trichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
Trichlorofluoromethane	ND		0.0010
Vinyl acetate	ND		0.0050
Vinyl chloride	ND		0.0010
Xylenes, Total	ND		0.0020

Surrogate	%Rec	Acceptance Limits
Dibromofluoromethane	105	75 - 120
1,2-Dichloroethane-d4 (Surr)	94	70 - 125
Toluene-d8 (Surr)	105	75 - 120
4-Bromofluorobenzene (Surr)	86	75 - 120

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-3

Lab Sample ID: 500-14487-3

Date Sampled: 10/07/2008 1548

Client Matrix: Water

Date Received: 10/08/2008 1250

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/10/2008 1825
Date Prepared: 10/10/2008 1825

Analysis Batch: 500-49460

Instrument ID: Agilent 6890A GC - 5973

Lab File ID: 14487-03.D

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

Analyte	Result (mg/L)	Qualifier	RL
Acetone	ND		0.0050
Benzene	ND		0.0010
Bromodichloromethane	ND		0.0010
Bromoform	ND		0.0010
Bromomethane	ND		0.0010
2-Butanone (MEK)	ND		0.0050
Carbon disulfide	ND		0.0050
Carbon tetrachloride	ND		0.0010
Chlorobenzene	ND		0.0010
Dibromochloromethane	ND		0.0010
Chloroethane	ND		0.0010
Chloroform	ND		0.0010
Chloromethane	ND		0.0010
1,1-Dichloroethane	ND		0.0010
1,2-Dichloroethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
cis-1,2-Dichloroethene	ND		0.0010
trans-1,2-Dichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
1,3-Dichloropropene, Total	ND		0.0010
Ethylbenzene	ND		0.0010
2-Hexanone	ND		0.0050
Methylene Chloride	ND		0.0020
4-Methyl-2-pentanone (MIBK)	ND		0.0050
Methyl tert-butyl ether	ND		0.0010
Styrene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
Toluene	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
1,1,2-Trichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
Trichlorofluoromethane	ND		0.0010
Vinyl acetate	ND		0.0050
Vinyl chloride	ND		0.0010
Xylenes, Total	ND		0.0020

Surrogate	%Rec	Acceptance Limits
Dibromofluoromethane	107	75 - 120
1,2-Dichloroethane-d4 (Surr)	95	70 - 125
Toluene-d8 (Surr)	106	75 - 120
4-Bromofluorobenzene (Surr)	85	75 - 120

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-4

Lab Sample ID: 500-14487-4

Date Sampled: 10/07/2008 1535

Client Matrix: Water

Date Received: 10/08/2008 1250

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 500-49460

Instrument ID: Agilent 6890A GC - 5973

Preparation: 5030B

Lab File ID: 14487-04.D

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 10/10/2008 1848

Final Weight/Volume: 10 mL

Date Prepared: 10/10/2008 1848

Analyte	Result (mg/L)	Qualifier	RL
Acetone	ND		0.0050
Benzene	ND		0.0010
Bromodichloromethane	ND		0.0010
Bromoform	ND		0.0010
Bromomethane	ND		0.0010
2-Butanone (MEK)	ND		0.0050
Carbon disulfide	ND		0.0050
Carbon tetrachloride	ND		0.0010
Chlorobenzene	ND		0.0010
Dibromochloromethane	ND		0.0010
Chloroethane	ND		0.0010
Chloroform	ND		0.0010
Chloromethane	ND		0.0010
1,1-Dichloroethane	ND		0.0010
1,2-Dichloroethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
cis-1,2-Dichloroethene	ND		0.0010
trans-1,2-Dichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
1,3-Dichloropropene, Total	ND		0.0010
Ethylbenzene	ND		0.0010
2-Hexanone	ND		0.0050
Methylene Chloride	ND		0.0020
4-Methyl-2-pentanone (MIBK)	ND		0.0050
Methyl tert-butyl ether	ND		0.0010
Styrene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
Toluene	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
1,1,2-Trichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
Trichlorofluoromethane	ND		0.0010
Vinyl acetate	ND		0.0050
Vinyl chloride	ND		0.0010
Xylenes, Total	ND		0.0020

Surrogate	%Rec	Acceptance Limits
Dibromofluoromethane	107	75 - 120
1,2-Dichloroethane-d4 (Surr)	94	70 - 125
Toluene-d8 (Surr)	106	75 - 120
4-Bromofluorobenzene (Surr)	85	75 - 120

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-5

Lab Sample ID: 500-14487-5

Date Sampled: 10/07/2008 1315

Client Matrix: Water

Date Received: 10/08/2008 1250

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 500-49460

Instrument ID: Agilent 6890A GC - 5973

Preparation: 5030B

Lab File ID: 14487-05.D

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 10/10/2008 1910

Final Weight/Volume: 10 mL

Date Prepared: 10/10/2008 1910

Analyte	Result (mg/L)	Qualifier	RL
Acetone	ND		0.0050
Benzene	ND		0.0010
Bromodichloromethane	ND		0.0010
Bromoform	ND		0.0010
Bromomethane	ND		0.0010
2-Butanone (MEK)	ND		0.0050
Carbon disulfide	ND		0.0050
Carbon tetrachloride	ND		0.0010
Chlorobenzene	ND		0.0010
Dibromochloromethane	ND		0.0010
Chloroethane	ND		0.0010
Chloroform	ND		0.0010
Chloromethane	ND		0.0010
1,1-Dichloroethane	ND		0.0010
1,2-Dichloroethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
cis-1,2-Dichloroethene	ND		0.0010
trans-1,2-Dichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
1,3-Dichloropropene, Total	ND		0.0010
Ethylbenzene	ND		0.0010
2-Hexanone	ND		0.0050
Methylene Chloride	ND		0.0020
4-Methyl-2-pentanone (MIBK)	ND		0.0050
Methyl tert-butyl ether	ND		0.0010
Styrene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
Toluene	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
1,1,2-Trichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
Trichlorofluoromethane	ND		0.0010
Vinyl acetate	ND		0.0050
Vinyl chloride	ND		0.0010
Xylenes, Total	ND		0.0020

Surrogate	%Rec	Acceptance Limits
Dibromofluoromethane	107	75 - 120
1,2-Dichloroethane-d4 (Surr)	94	70 - 125
Toluene-d8 (Surr)	105	75 - 120
4-Bromofluorobenzene (Surr)	85	75 - 120

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-1

Lab Sample ID: 500-14487-1

Date Sampled: 10/07/2008 1245

Client Matrix: Water

Date Received: 10/08/2008 1250

8310 PAHs (HPLC)

Method: 8310
Preparation: 3510C
Dilution: 5.0
Date Analyzed: 10/10/2008 1418
Date Prepared: 10/09/2008 0723

Analysis Batch: 500-49505
Prep Batch: 500-49305

Instrument ID: Agilent 1100 HPLC
Lab File ID: 10080846_021.d
Initial Weight/Volume: 970 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 30 uL

Analyte	Result (mg/L)	Qualifier	RL
Acenaphthene	ND	*	0.013
Phenanthrene	0.0037	*	0.00052
Naphthalene	ND	*	0.0067
Indeno[1,2,3-cd]pyrene	ND	*	0.00067
Fluorene	ND	*	0.0013
Fluoranthene	0.012	*	0.00067
Dibenz(a,h)anthracene	ND	*	0.0015
Benzo[k]fluoranthene	ND	*	0.00026
Anthracene	0.00087	*	0.00026
Benzo[a]anthracene	0.0050	*	0.00067
Benzo[a]pyrene	ND	*	0.00067
Benzo[g,h,i]perylene	ND	*	0.0010
Acenaphthylene	ND	*	0.0067
Pyrene	0.0085	*	0.0013
Surrogate	%Rec		Acceptance Limits
Decafluorobiphenyl	51		47 - 114
Benzo[e]pyrene	306	X	41 - 124

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-1

Lab Sample ID: 500-14487-1

Date Sampled: 10/07/2008 1245

Client Matrix: Water

Date Received: 10/08/2008 1250

8310 PAHs (HPLC)

Method: 8310
Preparation: 3510C
Dilution: 10
Date Analyzed: 10/10/2008 1500
Date Prepared: 10/09/2008 0723

Analysis Batch: 500-49505
Prep Batch: 500-49305
Run Type: DL

Instrument ID: Agilent 1100 HPLC
Lab File ID: 10080846_022.d
Initial Weight/Volume: 970 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 30 uL

Analyte	Result (mg/L)	Qualifier	RL
Chrysene	0.0061		0.0013
Benzo[b]fluoranthene	0.0088		0.00052

Method: 8310
Preparation: 3510C
Dilution: 10
Date Analyzed: 10/10/2008 1500
Date Prepared: 10/09/2008 0723

Analysis Batch: 500-49505
Prep Batch: 500-49305
Run Type: DL

Instrument ID: Agilent 1100 HPLC
Lab File ID: 10080845_022.d
Initial Weight/Volume: 970 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 30 uL

Surrogate	%Rec	Acceptance Limits
Decafluorobiphenyl	48	47 - 114
Benzo[e]pyrene	468	41 - 124

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-2

Lab Sample ID: 500-14487-2

Date Sampled: 10/07/2008 1400

Client Matrix: Water

Date Received: 10/08/2008 1250

8310 PAHs (HPLC)

Method: 8310
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 10/10/2008 1704
Date Prepared: 10/09/2008 0723

Analysis Batch: 500-49505
Prep Batch: 500-49305

Instrument ID: Agilent 1100 HPLC
Lab File ID: 10080845_025.d
Initial Weight/Volume: 980 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 30 uL

Analyte	Result (mg/L)	Qualifier	RL
Acenaphthene	ND	.	0.0026
Phenanthrene	0.00027	.	0.00010
Naphthalene	0.0033	.	0.0013
Indeno[1,2,3-cd]pyrene	0.00056	.	0.00013
Fluorene	ND	.	0.00026
Fluoranthene	0.00050	.	0.00013
Dibenz(a,h)anthracene	0.00073	.	0.00031
Chrysene	0.00025	.	0.00013
Benzo[k]fluoranthene	ND	.	0.000051
Anthracene	ND	.	0.000051
Benzo[a]anthracene	ND	.	0.00013
Benzo[a]pyrene	0.00019	.	0.00013
Benzo[b]fluoranthene	0.00022	.	0.000051
Benzo[g,h,i]perylene	0.00029	.	0.00020
Acenaphthylene	ND	.	0.0013
Pyrene	ND	.	0.00026
Surrogate	%Rec		Acceptance Limits
Decafluorobiphenyl	80		47 - 114
Benzo[e]pyrene	120		41 - 124

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-3

Lab Sample ID: 500-14487-3

Date Sampled: 10/07/2008 1548

Client Matrix: Water

Date Received: 10/08/2008 1250

8310 PAHs (HPLC)

Method: 8310
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 10/10/2008 1826
Date Prepared: 10/09/2008 0723

Analysis Batch: 500-49505
Prep Batch: 500-49305

Instrument ID: Agilent 1100 HPLC
Lab File ID: 10080846_027.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 30 uL

Analyte	Result (mg/L)	Qualifier	RL
Acenaphthene	ND	.	0.0024
Phenanthrene	ND	.	0.000096
Naphthalene	ND	.	0.0012
Indeno[1,2,3-cd]pyrene	ND	.	0.00012
Fluorene	ND	.	0.00024
Fluoranthene	ND	.	0.00012
Dibenz(a,h)anthracene	ND	.	0.00029
Chrysene	ND	.	0.00012
Benzo[k]fluoranthene	ND	.	0.000048
Anthracene	ND	.	0.000048
Benzo[a]anthracene	ND	.	0.00012
Benzo[a]pyrene	ND	.	0.00012
Benzo[b]fluoranthene	ND	.	0.000048
Benzo[g,h,i]perylene	ND	.	0.00019
Acenaphthylene	ND	.	0.0012
Pyrene	ND	.	0.00024
Surrogate	%Rec		Acceptance Limits
Decafluorobiphenyl	83		47 - 114
Benzo[e]pyrene	53		41 - 124

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-4

Lab Sample ID: 500-14487-4

Date Sampled: 10/07/2008 1535

Client Matrix: Water

Date Received: 10/08/2008 1250

8310 PAHs (HPLC)

Method: 8310
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 10/10/2008 1908
Date Prepared: 10/09/2008 0723

Analysis Batch: 500-49505
Prep Batch: 500-49305

Instrument ID: Agilent 1100 HPLC
Lab File ID: 10080845_028.d
Initial Weight/Volume: 940 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 30 uL

Analyte	Result (mg/L)	Qualifier	RL
Acenaphthene	ND	•	0.0027
Phenanthrene	ND	•	0.00011
Naphthalene	ND	•	0.0014
Indeno[1,2,3-cd]pyrene	ND	•	0.00014
Fluorene	ND	•	0.00027
Fluoranthene	ND	•	0.00014
Dibenz(a,h)anthracene	ND	•	0.00032
Chrysene	ND	•	0.00014
Benzo[k]fluoranthene	ND	•	0.000053
Anthracene	ND	•	0.000053
Benzo[a]anthracene	ND	•	0.00014
Benzo[a]pyrene	ND	•	0.00014
Benzo[b]fluoranthene	ND	•	0.000053
Benzo[g,h,i]perylene	ND	•	0.00021
Acenaphthylene	ND	•	0.0014
Pyrene	ND	•	0.00027

Surrogate	%Rec	Acceptance Limits
Decafluorobiphenyl	76	47 - 114
Benzo[e]pyrene	53	41 - 124

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-5

Lab Sample ID: 500-14487-5

Client Matrix: Water

Date Sampled: 10/07/2008 1315

Date Received: 10/08/2008 1250

8310 PAHs (HPLC)

Method: 8310
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 10/10/2008 1949
Date Prepared: 10/09/2008 0723

Analysis Batch: 500-49505
Prep Batch: 500-49305

Instrument ID: Agilent 1100 HPLC
Lab File ID: 10080845_029.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 30 uL

Analyte	Result (mg/L)	Qualifier	RL
Acenaphthene	ND	•	0.0024
Phenanthrene	0.00016	•	0.000097
Naphthalene	ND	•	0.0013
Indeno[1,2,3-cd]pyrene	0.00029	•	0.00013
Fluorene	ND	•	0.00024
Fluoranthene	0.00018	•	0.00013
Dibenz(a,h)anthracene	0.00039	•	0.00029
Chrysene	ND	•	0.00013
Benzo[k]fluoranthene	ND	•	0.000049
Anthracene	ND	•	0.000049
Benzo[a]anthracene	ND	•	0.00013
Benzo[a]pyrene	ND	•	0.00013
Benzo[b]fluoranthene	ND	•	0.000049
Benzo[g,h,i]perylene	ND	•	0.00019
Acenaphthylene	ND	•	0.0013
Pyrene	ND	•	0.00024
Surrogate	%Rec		Acceptance Limits
Decafluorobiphenyl	82		47 - 114
Benzo[e]pyrene	52		41 - 124

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-1

Lab Sample ID: 500-14487-1

Date Sampled: 10/07/2008 1245

Client Matrix: Water

Date Received: 10/08/2008 1250

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 10/17/2008 0252
Date Prepared: 10/09/2008 0755

Analysis Batch: 500-49941
Prep Batch: 500-49323

Instrument ID: TJA ICAP 61E Trace
Lab File ID: P51016C
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	0.025		0.010
Barium	0.56		0.010
Cadmium	0.0022		0.0020
Chromium	0.054		0.010
Lead	0.095		0.0050
Selenium	ND		0.010
Silver	ND		0.0050

7470A Mercury (CVAA)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 10/09/2008 1426
Date Prepared: 10/09/2008 0940

Analysis Batch: 500-49355
Prep Batch: 500-49354

Instrument ID: Leeman Labs PS200
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00067		0.00020

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-2

Lab Sample ID: 500-14487-2

Date Sampled: 10/07/2008 1400

Client Matrix: Water

Date Received: 10/08/2008 1250

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 10/17/2008 0315
Date Prepared: 10/09/2008 0755

Analysis Batch: 500-49941
Prep Batch: 500-49323

Instrument ID: TJA ICAP 61E Trace
Lab File ID: P51016C
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.010
Barium	0.24		0.010
Cadmium	ND		0.0020
Chromium	0.017		0.010
Lead	0.071		0.0050
Selenium	ND		0.010
Silver	ND		0.0050

7470A Mercury (CVAA)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 10/09/2008 1428
Date Prepared: 10/09/2008 0940

Analysis Batch: 500-49355
Prep Batch: 500-49354

Instrument ID: Leeman Labs PS200
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00029		0.00020

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-3

Lab Sample ID: 500-14487-3

Date Sampled: 10/07/2008 1548

Client Matrix: Water

Date Received: 10/08/2008 1250

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 10/17/2008 0321
Date Prepared: 10/09/2008 0755

Analysis Batch: 500-49941
Prep Batch: 500-49323

Instrument ID: TJA ICAP 61E Trace
Lab File ID: P51016C
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	0.011		0.010
Barium	0.084		0.010
Cadmium	ND		0.0020
Chromium	0.026		0.010
Lead	0.019		0.0050
Selenium	ND		0.010
Silver	ND		0.0050

7470A Mercury (CVAA)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 10/09/2008 1431
Date Prepared: 10/09/2008 0940

Analysis Batch: 500-49355
Prep Batch: 500-49354

Instrument ID: Leeman Labs PS200
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	ND		0.00020

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-4

Lab Sample ID: 500-14487-4

Client Matrix: Water

Date Sampled: 10/07/2008 1535

Date Received: 10/08/2008 1250

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 10/17/2008 0328
Date Prepared: 10/09/2008 0755

Analysis Batch: 500-49941
Prep Batch: 500-49323

Instrument ID: TJA ICAP 61E Trace
Lab File ID: P51016C
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.010
Barium	0.063		0.010
Cadmium	ND		0.0020
Chromium	0.015		0.010
Lead	0.015		0.0050
Selenium	ND		0.010
Silver	ND		0.0050

7470A Mercury (CVAA)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 10/09/2008 1433
Date Prepared: 10/09/2008 0940

Analysis Batch: 500-49355
Prep Batch: 500-49354

Instrument ID: Leeman Labs PS200
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	ND		0.00020

Analytical Data

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Client Sample ID: MW-5

Lab Sample ID: 500-14487-5

Client Matrix: Water

Date Sampled: 10/07/2008 1315

Date Received: 10/08/2008 1250

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 10/17/2008 0334
Date Prepared: 10/09/2008 0755

Analysis Batch: 500-49941
Prep Batch: 500-49323

Instrument ID: TJA ICAP 61E Trace
Lab File ID: P51016C
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Arsenic	ND		0.010
Barium	0.17		0.010
Cadmium	ND		0.0020
Chromium	ND		0.010
Lead	0.028		0.0050
Selenium	ND		0.010
Silver	ND		0.0050

7470A Mercury (CVAA)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 10/09/2008 1435
Date Prepared: 10/09/2008 0940

Analysis Batch: 500-49355
Prep Batch: 500-49354

Instrument ID: Leeman Labs PS200
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	ND		0.00020

DATA REPORTING QUALIFIERS

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS or LCSD exceeds the control limits
HPLC	*	LCS or LCSD exceeds the control limits
	X	Surrogate exceeds the control limits

QUALITY CONTROL RESULTS

DRAFT

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch: 500-49460					
LCS 500-49460/7	Lab Control Spike	T	Water	8260B	
LCSD 500-49460/25	Lab Control Spike Duplicate	T	Water	8260B	
MB 500-49460/6	Method Blank	T	Water	8260B	
500-14487-1	MW-1	T	Water	8260B	
500-14487-2	MW-2	T	Water	8260B	
500-14487-3	MW-3	T	Water	8260B	
500-14487-4	MW-4	T	Water	8260B	
500-14487-5	MW-5	T	Water	8260B	
Report Basis					
T = Total					
HPLC					
Prep Batch: 500-49305					
LCS 500-49305/2-A	Lab Control Spike	T	Water	3510C	
LCSD 500-49305/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 500-49305/1-A	Method Blank	T	Water	3510C	
500-14487-1	MW-1	T	Water	3510C	
500-14487-1DL	MW-1	T	Water	3510C	
500-14487-2	MW-2	T	Water	3510C	
500-14487-3	MW-3	T	Water	3510C	
500-14487-4	MW-4	T	Water	3510C	
500-14487-5	MW-5	T	Water	3510C	
Analysis Batch: 500-49505					
LCS 500-49305/2-A	Lab Control Spike	T	Water	8310	500-49305
LCSD 500-49305/3-A	Lab Control Spike Duplicate	T	Water	8310	500-49305
MB 500-49305/1-A	Method Blank	T	Water	8310	500-49305
500-14487-1	MW-1	T	Water	8310	500-49305
500-14487-1DL	MW-1	T	Water	8310	500-49305
500-14487-2	MW-2	T	Water	8310	500-49305
500-14487-3	MW-3	T	Water	8310	500-49305
500-14487-4	MW-4	T	Water	8310	500-49305
500-14487-5	MW-5	T	Water	8310	500-49305
Report Basis					
T = Total					

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 500-49323					
LCS 500-49323/2-A	Lab Control Spike	T	Water	3010A	
MB 500-49323/1-A	Method Blank	T	Water	3010A	
500-14487-1	MW-1	T	Water	3010A	
500-14487-2	MW-2	T	Water	3010A	
500-14487-3	MW-3	T	Water	3010A	
500-14487-4	MW-4	T	Water	3010A	
500-14487-5	MW-5	T	Water	3010A	
Prep Batch: 500-49354					
LCS 500-49354/2-A	Lab Control Spike	T	Water	7470A	
MB 500-49354/1-A	Method Blank	T	Water	7470A	
500-14487-1	MW-1	T	Water	7470A	
500-14487-2	MW-2	T	Water	7470A	
500-14487-3	MW-3	T	Water	7470A	
500-14487-4	MW-4	T	Water	7470A	
500-14487-5	MW-5	T	Water	7470A	
Analysis Batch: 500-49355					
LCS 500-49354/2-A	Lab Control Spike	T	Water	7470A	500-49354
MB 500-49354/1-A	Method Blank	T	Water	7470A	500-49354
500-14487-1	MW-1	T	Water	7470A	500-49354
500-14487-2	MW-2	T	Water	7470A	500-49354
500-14487-3	MW-3	T	Water	7470A	500-49354
500-14487-4	MW-4	T	Water	7470A	500-49354
500-14487-5	MW-5	T	Water	7470A	500-49354
Analysis Batch: 500-49941					
LCS 500-49323/2-A	Lab Control Spike	T	Water	6010B	500-49323
MB 500-49323/1-A	Method Blank	T	Water	6010B	500-49323
500-14487-1	MW-1	T	Water	6010B	500-49323
500-14487-2	MW-2	T	Water	6010B	500-49323
500-14487-3	MW-3	T	Water	6010B	500-49323
500-14487-4	MW-4	T	Water	6010B	500-49323
500-14487-5	MW-5	T	Water	6010B	500-49323

Report Basis

T = Total

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	12DCE %Rec	TOL %Rec	BFB %Rec
500-14487-1	MW-1	105	93	105	85
500-14487-2	MW-2	105	94	105	86
500-14487-3	MW-3	107	95	106	85
500-14487-4	MW-4	107	94	106	85
500-14487-5	MW-5	107	94	105	85
MB 500-49460/6		105	93	107	88
LCS 500-49460/7		98	87	107	88
LCSD 500-49460/25		103	86	105	86

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	75-120
12DCE = 1,2-Dichloroethane-d4 (Surr)	70-125
TOL = Toluene-d8 (Surr)	75-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Surrogate Recovery Report

8310 PAHs (HPLC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBP1 %Rec	DBP2 %Rec	BeP1 %Rec	BeP2 %Rec
500-14487-1	MW-1		51		306X
500-14487-1 DL	MW-1 DL	48		468X	
500-14487-2	MW-2	80		120	
500-14487-3	MW-3	83		53	
500-14487-4	MW-4	76		53	
500-14487-5	MW-5	82		52	
MB 500-49305/1-A		62		83	
LCS 500-49305/2-A		61		82	
LCSD 500-49305/3-A		61		83	

Surrogate	Acceptance Limits
DBP = Decafluorobiphenyl	47-114
BeP = Benzo[e]pyrene	41-124

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Method Blank - Batch: 500-49460

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 500-49460/6

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/10/2008 1249

Date Prepared: 10/10/2008 1249

Analysis Batch: 500-49460

Prep Batch: N/A

Units: mg/L

Instrument ID: Agilent 6890A GC - 5973 MS

Lab File ID: 22M1010A.D

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Acetone	ND		0.0050
Benzene	ND		0.0010
Bromodichloromethane	ND		0.0010
Bromoform	ND		0.0010
Bromomethane	ND		0.0010
2-Butanone (MEK)	ND		0.0050
Carbon disulfide	ND		0.0050
Carbon tetrachloride	ND		0.0010
Chlorobenzene	ND		0.0010
Dibromochloromethane	ND		0.0010
Chloroethane	ND		0.0010
Chloroform	ND		0.0010
Chloromethane	ND		0.0010
1,1-Dichloroethane	ND		0.0010
1,2-Dichloroethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
cis-1,2-Dichloroethene	ND		0.0010
trans-1,2-Dichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
1,3-Dichloropropene, Total	ND		0.0010
Ethylbenzene	ND		0.0010
2-Hexanone	ND		0.0050
Methylene Chloride	ND		0.0020
4-Methyl-2-pentanone (MIBK)	ND		0.0050
Methyl tert-butyl ether	ND		0.0010
Styrene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
Toluene	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
1,1,2-Trichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
Trichlorofluoromethane	ND		0.0010
Vinyl acetate	ND		0.0050
Vinyl chloride	ND		0.0010
Xylenes, Total	ND		0.0020

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	105	75 - 120
1,2-Dichloroethane-d4 (Surr)	93	70 - 125
Toluene-d8 (Surr)	107	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Surrogate

% Rec

Acceptance Limits

4-Bromofluorobenzene (Surr)

88

75 - 120

DRAFT

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Lab Control Spike/

Lab Control Spike Duplicate Recovery Report - Batch: 500-49460

Method: 8260B

Preparation: 5030B

LCS Lab Sample ID: LCS 500-49460/7

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/10/2008 1358

Date Prepared: 10/10/2008 1358

Analysis Batch: 500-49460

Prep Batch: N/A

Units: mg/L

Instrument ID: Agilent 6890A GC - 5973 MS

Lab File ID: 22S1010A.D

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 500-49460/25

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/10/2008 2314

Date Prepared: 10/10/2008 2314

Analysis Batch: 500-49460

Prep Batch: N/A

Units: mg/L

Instrument ID: Agilent 6890A GC - 5973 MS

Lab File ID: 22T1010.D

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Acetone	73	66	10 - 175	10	20		
Benzene	87	94	74 - 120	7	20		
Bromodichloromethane	85	90	79 - 134	5	20		
Bromoform	73	76	58 - 122	4	20		
Bromomethane	82	83	56 - 157	1	20		
2-Butanone (MEK)	100	93	28 - 160	7	20		
Carbon disulfide	71	84	38 - 135	16	20		
Carbon tetrachloride	69	72	61 - 128	4	20		
Chlorobenzene	91	97	78 - 120	7	20		
Dibromochloromethane	77	82	78 - 126	6	20		
Chloroethane	82	85	56 - 140	4	20		
Chloroform	79	89	70 - 120	12	20		
Chloromethane	94	95	38 - 148	1	20		
1,1-Dichloroethane	80	89	69 - 120	11	20		
1,2-Dichloroethane	75	80	71 - 120	6	20		
1,1-Dichloroethene	83	97	55 - 121	15	20		
cis-1,2-Dichloroethene	90	102	76 - 124	12	20		
trans-1,2-Dichloroethene	86	97	69 - 120	12	20		
1,2-Dichloropropane	95	101	75 - 120	6	20		
Ethylbenzene	88	93	79 - 120	6	20		
2-Hexanone	85	81	39 - 158	5	20		
Methylene Chloride	91	101	65 - 126	11	20		
4-Methyl-2-pentanone (MIBK)	88	90	38 - 172	2	20		
Methyl tert-butyl ether	70	72	61 - 122	3	20		
Styrene	87	92	80 - 121	6	20		
1,1,2,2-Tetrachloroethane	95	100	71 - 120	5	20		
Tetrachloroethene	89	94	65 - 120	6	20		
Toluene	91	95	78 - 120	4	20		
1,1,1-Trichloroethane	70	77	68 - 125	9	20		
1,1,2-Trichloroethane	89	98	74 - 123	9	20		
Trichloroethene	96	101	69 - 120	6	20		
Trichlorofluoromethane	84	84	48 - 134	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 500-49460

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 500-49460/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/10/2008 1358
Date Prepared: 10/10/2008 1358

Analysis Batch: 500-49460
Prep Batch: N/A
Units: mg/L

Instrument ID: Agilent 6890A GC - 5973 MS
Lab File ID: 22S1010A.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 500-49460/25
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/10/2008 2314
Date Prepared: 10/10/2008 2314

Analysis Batch: 500-49460
Prep Batch: N/A
Units: mg/L

Instrument ID: Agilent 6890A GC - 5973 MS
Lab File ID: 22T1010.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Vinyl acetate	71	74	26 - 150	5	20		
Vinyl chloride	107	111	49 - 140	4	20		
Xylenes, Total	82	86	78 - 120	5	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Dibromofluoromethane	98		103		75 - 120		
1,2-Dichloroethane-d4 (Surr)	87		86		70 - 125		
Toluene-d8 (Surr)	107		105		75 - 120		
4-Bromofluorobenzene (Surr)	88		86		75 - 120		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Method Blank - Batch: 500-49305

Method: 8310

Preparation: 3510C

Lab Sample ID: MB 500-49305/1-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/10/2008 1010

Date Prepared: 10/09/2008 0723

Analysis Batch: 500-49505

Prep Batch: 500-49305

Units: mg/L

Instrument ID: Agilent 1100 HPLC

Lab File ID: 10080845_015.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 5.0 mL

Injection Volume: 30 µL

Column ID: PRIMARY

Analyte	Result	Qual	RL
Acenaphthene	ND		0.0025
Phenanthrene	ND		0.00010
Naphthalene	ND		0.0013
Indeno[1,2,3-cd]pyrene	ND		0.00013
Fluorene	ND		0.00025
Fluoranthene	ND		0.00013
Dibenz(a,h)anthracene	ND		0.00030
Chrysene	ND		0.00013
Benzo[k]fluoranthene	ND		0.000050
Anthracene	ND		0.000050
Benzo[a]anthracene	ND		0.00013
Benzo[a]pyrene	ND		0.00013
Benzo[b]fluoranthene	ND		0.000050
Benzo[g,h,i]perylene	ND		0.00020
Acenaphthylene	ND		0.0013
Pyrene	ND		0.00025
Surrogate	% Rec	Acceptance Limits	
Decafluorobiphenyl	62	47 - 114	
Benzo[e]pyrene	83	41 - 124	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Lab Control Spike/

Lab Control Spike Duplicate Recovery Report - Batch: 500-49305

Method: 8310

Preparation: 3510C

LCS Lab Sample ID: LCS 500-49305/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/10/2008 1052
Date Prepared: 10/09/2008 0723

Analysis Batch: 500-49505
Prep Batch: 500-49305
Units: mg/L

Instrument ID: Agilent 1100 HPLC
Lab File ID: 10080845_016.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 30 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 500-49305/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/10/2008 1133
Date Prepared: 10/09/2008 0723

Analysis Batch: 500-49505
Prep Batch: 500-49305
Units: mg/L

Instrument ID: Agilent 1100 HPLC
Lab File ID: 10080845_017.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 5.0 mL
Injection Volume: 30 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Acenaphthene	73	74	76 - 112	1	20	*	*
Phenanthrene	77	80	76 - 117	4	20		
Naphthalene	69	68	72 - 110	1	20	*	*
Indeno[1,2,3-cd]pyrene	95	95	78 - 112	0	20		
Fluorene	71	72	76 - 114	1	20	*	*
Fluoranthene	75	80	77 - 111	7	20	*	
Dibenz(a,h)anthracene	83	82	40 - 125	1	20		
Chrysene	89	91	80 - 113	1	20		
Benzo[k]fluoranthene	92	91	77 - 120	1	20		
Anthracene	81	84	74 - 115	4	20		
Benzo[a]anthracene	88	90	80 - 116	2	20		
Benzo[a]pyrene	89	89	64 - 121	0	20		
Benzo[b]fluoranthene	87	88	80 - 112	1	20		
Benzo[g,h,i]perylene	87	87	63 - 116	0	20		
Acenaphthylene	69	69	71 - 113	1	20	*	*
Pyrene	81	88	80 - 115	8	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Decafluorobiphenyl	61		61		47 - 114		
Benzo[e]pyrene	82		83		41 - 124		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Method Blank - Batch: 500-49323

Method: 6010B

Preparation: 3010A

Lab Sample ID: MB 500-49323/1-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/17/2008 0208

Date Prepared: 10/09/2008 0755

Analysis Batch: 500-49941

Prep Batch: 500-49323

Units: mg/L

Instrument ID: TJA ICAP 61E Trace Analyzer

Lab File ID: P51016C

Initial Weight/Volume: 50 mL

Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Arsenic	ND		0.010
Barium	ND		0.010
Cadmium	ND		0.0020
Chromium	ND		0.010
Lead	ND		0.0050
Selenium	ND		0.010
Silver	ND		0.0050

Lab Control Spike - Batch: 500-49323

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 500-49323/2-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/17/2008 0215

Date Prepared: 10/09/2008 0755

Analysis Batch: 500-49941

Prep Batch: 500-49323

Units: mg/L

Instrument ID: TJA ICAP 61E Trace Analyzer

Lab File ID: P51016C

Initial Weight/Volume: 50 mL

Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	0.100	0.0935	93	80 - 120	
Barium	2.00	1.95	97	80 - 120	
Cadmium	0.0500	0.0468	94	80 - 120	
Chromium	0.200	0.193	97	80 - 120	
Lead	0.100	0.0996	100	80 - 120	
Selenium	0.100	0.0942	94	80 - 120	
Silver	0.0500	0.0472	94	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ETS Environmental

Job Number: 500-14487-1

Sdg Number: 500-14487-1

Method Blank - Batch: 500-49354

Lab Sample ID: MB 500-49354/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/09/2008 1338
Date Prepared: 10/09/2008 0940

Analysis Batch: 500-49355
Prep Batch: 500-49354
Units: mg/L

Method: 7470A
Preparation: 7470A

Instrument ID: Leeman Labs PS200 Mercury
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Mercury	ND		0.00020

Lab Control Spike - Batch: 500-49354

Lab Sample ID: LCS 500-49354/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/09/2008 1341
Date Prepared: 10/09/2008 0940

Analysis Batch: 500-49355
Prep Batch: 500-49354
Units: mg/L

Method: 7470A
Preparation: 7470A

Instrument ID: Leeman Labs PS200 Mercury
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.00200	0.00188	94	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
University Park, IL 60456
708.534.5200

AL-2124-500 (1107)

Client:

Address

ETS Environmental Associates

Project Manager

David Wagner

Telephone Number (Area Code) Fax Number

Case:

204 Dearborn Ct. Suite 124
Glenova IL 60134

Site Contact:

630-513-4710

Lab Contact

Project Name and Location (State)

5401 W. 65th St.

Carrier's Waybill Number

Contact/Purchase Order/Quote No.

Sample I.D. No. and Description
Containers for each sample may be combined on one line.

Sample I.D. No. and Description

Date	Time
------	------

Time

POUS

1000

904

03

ON

OH

11

CC

99

—

Special Instructions/
Conditions of Receipt

Similar in

3.4 Temperature on Percent

Drinking Water? Yes ☐ No ☐

500-14487

Chain of Custody Record

Login Sample Receipt Check List

Client: ETS Environmental

Job Number: 500-14487-1

SDG Number: 500-14487-1

Login Number: 14487

Creator: Kelsey, Shawn M

List Number: 1

List Source: TestAmerica Chicago

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 500-13979-2

SDG Number: 500-13979-2

Job Description: Bedford Park IL (08-0405A)

For:

ETS Environmental
204 Dearborn Court
Suite 124
Geneva, IL 60134

Attention: Laura Seeber



Margaret Kniest
Project Manager II
margaret.kniest@testamericainc.com
09/30/2008

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.

TestAmerica Chicago 2417 Bond Street, University Park, IL 60466

Tel (708) 534-5200 Fax (708) 534-5211 www.testamericainc.com



TestAmerica South Burlington, VT

Sample Data Summary Package

SDG: 50013979

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

September 27, 2008

Ms. Margaret Kniest
TestAmerica, Inc.
2417 Bond Street
University Park, IL 60466

TestAmerica Laboratories, Inc.

Re: Laboratory Project No. 28002
Case: ETS; SDG: 50013979

Dear Ms. Kniest:

Enclosed are the analytical results for the sample that was received by TestAmerica Burlington on September 16th, 2008. A laboratory identification number was assigned, and designated as follows:

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>Sample Matrix</u>
Received: 09/16/08 ETR No: 127636			
767736	ETS-2	09/09/08	SOIL

Documentation of the condition of the sample at the time of its receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The sample was analyzed for specific gravity by ASTM D854 and for density by ASTM D2937. The density result does not represent the in-place density of the soil. The sample was received in a disturbed state, and subsequent to receipt, the laboratory molded the sample into a Shelby tube, and performed the test accordingly. Porosity result was determined by calculation using the results obtained from methods D854 and D2937.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the sample presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,



Kristine A. Dusablon
Project Manager

Enclosure

SDG: 50013979

TestAmerica Burlington

Page 1.1 of 16

Client EIS Environmental + Associates		Project Manager Dave Wagner		Date 9/11/08		Chain of Custody Number	
Address 204 Deerbarn Court Suite 124		Telephone Number (Area Code)/Fax Number 630-513-4710/630-513-4729		Lab Number		Page 1 of 2	
City Geneva		State IL		Zip Code 60134		Analysis (Attach list if more space is needed)	
Project Name and Location (State) Baldwin Park IL		Site Contact		Lab Contact		Special Instructions/Conditions of Receipt	
Contract/Purchase Order/Quote No. 06-0405A		Center/Map/Skill Number		Containers & Preservatives		Matrix	
Sample I.D. No. and Description (Containers for each sample may be combined on one line)		Date		Time		Matrix	
ETS-1 5'		9/9/08		9:10		ETS-1 5'	
ETS-2		9/9/08		9:45		ETS-2	
ETS-3 5'		9/9/08		10:05		ETS-3 5'	
ETS-4 5'		9/9/08		10:20		ETS-4 5'	
ETS-5 5'		9/9/08		10:45		ETS-5 5'	
ETS-6 5'		9/9/08		11:15		ETS-6 5'	
ETS-7 3'		9/9/08		11:40		ETS-7 3'	
ETS-8 3'		9/9/08		12:10		ETS-8 3'	
ETS-9 5'		9/9/08		12:10		ETS-9 5'	
MW-2 3'		9/10/08		9:15		MW-2 3'	
MW-2 5'		9/10/08		9:15		MW-2 5'	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Return to Client ☐ Disposal By Lab ☐ Archive For ☐ Months ☐ Months longer than 1 month

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other

1. Relinquished By [Signature] Date 9/11/08 Time 17:30

2. Relinquished By [Signature] Date 9/12/08 Time 13:15

3. Relinquished By [Signature] Date 09/21/08 Time 15:00

4. Relinquished By [Signature] Date 9/16/08 Time 07:35

Comments



THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – Geotechnical

DRAFT

GEOTECHNICAL / GENERAL CHEMISTRY

Sample Report Summary

Client Sample No.

ETS-2

Lab Name: TestAmerica Burlington

Contract: 500-13979

SDG No.: 50013979

Lab Code: TALVT

Case No.: ETS

Lab Sample ID: 767736

Matrix: SOIL

Client: STLILC

Date Received: 09/16/08

% Solids:

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
D2937	In-Place Density	09/16/08		g/cm3	1	0.0	1.64	
D854	Specific Gravity	09/16/08			1		2.719	
POROSITY	Calculation (D2937+D854)	09/19/08		%	1	0.1	39.7	

Client Code: STLILC
ETR: 127636
SDG: 50013979

Start Date:	09/16/2008
Start Time:	1545
End Date:	09/17/2008
Analyst:	DPS

[illegible]

Start Date:	09/16/08
Start Time:	1545
End Date:	09/19/08
Analyst:	DPS

Page 8 of 10

Start Date: 9/19/2008
Start Time: 1029
Analyst: DJP

ՀՈՒՆԴՈՂՈՍՈՒՄ Օ/10/2008

APPENDIX H

Calculation Spreadsheets

DRAFT

Groundwater Component of the Groundwater Ingestion

DRAFT

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Class II Groundwater
 Site Location: 5401 West 65th Street
 Bedford Park, IL
 MW-2

Concentration at the source (Cs)= g/cm³w/g/cm³w or mg/L/mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (lambda)= 1/day

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (I)= cm/cm

Total soil porosity (theta T)= cm³/cm³

Porosity

Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.38

Source width perpendicular to GW flow direction in horizontal plane (Sw)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= ft = cm (assuming complete mixing)

Calculated Parameters**DO NOT ENTER VALUES HERE!**

Longitudinal dispersivity Ax= cm
 Transverse dispersivity Ay= cm
 Vertical dispersivity Az= cm
 Specific discharge U= cm/day
 Sw/(4*SQRT(Ay*X)) B=
 Sd/(2*SQRT(Az*X)) C=
 Error function erf(B)= To determine error function values,
 Error function erf(C)= see F46 & K46 in the linear interpolation section.

Actual B value= Actual C value=

Automatic calculations : Actual erf(B)= Actual erf(C)=

Solutions

Cx mg/l

Csource mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5×10^{-7}

x=	186.43633	3.568169604
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.28449674	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.45315203	-1.453152027
a5=	1.061405429	1.061405429
t=	0.016109575	0.461063083
erf(x)=	1	0.999999548

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
 Receptor: Class II Groundwater
 Site Location: 5401 West 65th Street
 Bedford Park, IL
 MW-1

Concentration at the source (Cs)= 5.00E-03 g/cm³w/g/cm³w or mg/L/mg/LConcentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= 16 ft = 487.68 cm

First order degradation constant (lambda)= 0.0005 1/day

Aquifer hydraulic conductivity (K)= 3.17E-05 cm/sec = 2.7389 cm/day

Hydraulic gradient (i)= 0.0149 cm/cm

Total soil porosity (theta T)= 0.40 cm³/cm³

Porosity

Gravel=0.25
Sand=0.32
Silt=0.40
Clay=0.38

Source width perpendicular to GW flow direction in horizontal plane (Sw)= 1770 ft = 53950 cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= 7 ft = 199.95 cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= 48.768 cm
 Transverse dispersivity Ay= 16.256 cm
 Vertical dispersivity Az= 2.4384 cm
 Specific discharge U= 0.102794 cm/day
 Sw/(4*SQRT(Ay*X)) B= 151.4795
 Sd/(2*SQRT(Az*X)) C= 2.899138
 Error function erf(B)= 1 To determine error function values,
 Error function erf(C)= 0.999959 see F46 & K46 in the linear interpolation section.

Actual B value= 151.4795 Actual C value= 2.8991378

Automatic calculations : Actual erf(B)= 1 Actual erf(C)= 0.9999587

Solutions

Cx
8.87E-04 mg/lCsource
0.00E+00 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5 x 10⁻⁷

x=	151.47952	2.899137803
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.28449674	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.45315203	-1.453152027
a5=	1.061405429	1.061405429
t=	0.019753733	0.51289107
erf(x)=	1	0.999958663

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
Receptor: Class II Groundwater
Site Location: 5401 West 65th Street
 Bedford Park, IL
 GPW-10

Concentration at the source (Cs)= g/cm³w/g/cm³w or mg/L/mg/L

Concentration at a distance X (Cx)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (lambda)= 1/day

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (i)= cm/cm

Total soil porosity (theta T)= cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.38

Source width perpendicular to GW flow direction in horizontal plane (Sw)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (Sd)= ft = cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity Ax= cm
 Transverse dispersivity Ay= cm
 Vertical dispersivity Az= cm
 Specific discharge U= cm/day
 Sw/(4*SQRT(Ay*X)) B=
 Sd/(2*SQRT(Az*X)) C=
 Error function erf(B)= To determine error function values,
 Error function erf(C)= see F46 & K46 in the linear interpolation section.

Actual B value= Actual C value=

Automatic calculations : Actual erf(B)= Actual erf(C)=

Solutions

Cx
 mg/l

Csource
 mg/l

Computation of erf(x)

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5×10^{-7}

x=	807.89077	15.46206828
p=	0.3275911	0.3275911
a1=	0.254829592	0.254829592
a2=	-0.28449674	-0.284496736
a3=	1.421413741	1.421413741
a4=	-1.45315203	-1.453152027
a5=	1.061405429	1.061405429
t=	0.003764241	0.164874047
erf(x)=	1	1

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway: Groundwater Ingestion
Receptor: Class II Groundwater
Site Location: 5401 West 65th Street
 Bedford Park, IL
 MW-1

Concentration at the source (C_s)= g/cm³w/g/cm³w or mg/L/mg/L

Concentration at a distance X (C_x)= g/cm³water or mg/L

Distance along centerline of the plume coming from the source (X)= ft = cm

First order degradation constant (λ)= 1/day

Aquifer hydraulic conductivity (K)= cm/sec = cm/day

Hydraulic gradient (i)= cm/cm

Total soil porosity (θ)= cm³/cm³

Porosity
 Gravel=0.25
 Sand=0.32
 Silt=0.40
 Clay=0.36

Source width perpendicular to GW flow direction in horizontal plane (S_w)= ft = cm

Source width perpendicular to GW flow direction in vertical plane (S_d)= ft = cm (assuming complete mixing)

Calculated Parameters

DO NOT ENTER VALUES HERE!

Longitudinal dispersivity A_x = cm
 Transverse dispersivity A_y = cm
 Vertical dispersivity A_z = cm
 Specific discharge U = cm/day
 $S_w/(4 \cdot \text{SQRT}(A_y \cdot X))$ B =
 $S_d/(2 \cdot \text{SQRT}(A_z \cdot X))$ C =
 Error function $\text{erf}(B)$ = To determine error function values,
 Error function $\text{erf}(C)$ = see F46 & K46 in the linear interpolation section.

Actual B value= Actual C value=

Automatic calculations : Actual $\text{erf}(B)$ Actual $\text{erf}(C)$

Solutions

C_x
 mg/l

C_{source}
 mg/l

Computation of $\text{erf}(x)$

Source: Abramowitz, M. and I. A. Stegun, 1972, Handbook of Mathematical Functions, Dover Publications, New York, page 299, formula 7.1.26

Maximum error in computation = 1.5×10^{-7}

x =	142.56896	2.728600285
p =	0.3275911	0.3275911
a_1 =	0.254829592	0.254829592
a_2 =	-0.28449674	-0.284496736
a_3 =	1.421413741	1.421413741
a_4 =	-1.45315203	-1.453152027
a_5 =	1.061405429	1.061405429
t =	0.020962461	0.528020694
$\text{erf}(x)$ =	1	0.999886023

Soil Component to Groundwater Calculation Spreadsheets

DRAFT

Soil Component of Groundwater Ingestion
Equation R12
Benzene

Parameter	Value	Unit	Parameter Source
Soil Bulk Density (ρ_s)	1.64	g/cm ³	ETS Field Measurement
Volumetric Water Content in Vadose Zone Soils (θ_{wc})	0.328	cm ³ _{water} /cm ³ _{soil}	R22
Average Soil Moisture Content (w)	0.2	g _{water} /g _{soil}	ETS Field Measurement
Water Density (ρ_w)	1	g/cm ³	Default
Organic Carbon Partition Coefficient (K_{oc})	58.9	cm ³ /g or L/kg	Chemical Specific
Organic Carbon Content of Soil (f_{oc})	0.027	g/g	ETS Field Measurement
Soil Water Sorption Coefficient (k_s)	1.5903	cm ³ _{water} /g _{soil}	R20
Henry's Law Constant (H')	0.228	-	Chemical Specific
Total Soil Porosity (θ_T)	0.397	cm ³ /cm ³ _{soil}	ETS Field Measurement
Volumetric Air Content in Vadose Zone Soils (θ_{as})	0.069	cm ³ _{air} /cm ³ _{soil}	R21
Aquifer Hydraulic Conductivity - K (cm/sec)	3.17E-05	cm/sec	Field Measurement
Aquifer Hydraulic Conductivity - K (cm/day)	2.739	cm/day	For R15, R19
Aquifer Hydraulic Conductivity - K (cm/yr)	999.6912	cm/yr	For R24
Hydraulic Gradient (i)	0.0149	cm/cm	Field Measurement
Groundwater Darcy Velocity (U_{gw})	14.89539888	cm/yr	R24
Groundwater Mixing Zone Thickness (δ_{gw})	200	cm	Default
Infiltration Rate (I)	30	cm/yr	Default
Width of Source Area Parallel to Groundwater Movement (W)*	18,288.00	cm	Field Measurement
Leaching Factor (LF _{sw})	0.552588162	(mg/L _{water})/(mg/kg _{soil})	R14
Distance along the Centerline of the Groundwater Plume Emanating from a Source (X)**	13716	cm	Distance to the compliance point
Groundwater Objective at the Compliance Point (GW _{comp})	0.025	mg/L	Chemical Specific
Longitudinal Dispersivity (α_L)	1371.6	cm	R16
First Order Degradation Constant (λ)	0.0009	day ⁻¹	Chemical Specific
Total Soil Porosity (θ_T)	0.397	cm ³ /cm ³ _{soil}	ETS Field Measurement
Specific Discharge (U)	0.102794237	cm/day	R19
Source Width Perpendicular to Groundwater Flow Direction in Horizontal Plane (S_w)***	53949.6	cm	Field Measurement
Transverse Dispersivity (α_T)	457.2	cm	R17
Source Width Perpendicular to Groundwater Flow Direction in Vertical Plane (S_d)	200	cm	Default
Vertical Dispersivity (α_z)	68.58	cm	R18
Steady-State Attenuation Along the Centerline of a Dissolved Plume (C_x/C_{source})	1.07124E-14	-	R15
Groundwater at the source (GW _{source})	2.33375E+12	mg/L	R13
Remediation Objective	4.22331E+12	mg/kg	R12
Soil Saturation Limit (C_{sat})	870	mg/kg	Chemical Specific

*W - Taken from property line south of GP-43 to GP-16

**X - Taken from GP-30 to western property line following groundwater flow direction

***S_w - Taken from MW-5 to MW-2



Office of the State Fire Marshal

November 27, 2018

Brigid Murphy
623 Cooper Court
Schaumburg, IL 60173

Dear Brigid Murphy,

The Office of the State Fire Marshal ("OSFM") received your request for records, pursuant to the Freedom of Information Act, on 11/27/2018. The OSFM has reviewed its files and, unfortunately cannot fulfill your request for the following reason:

- ☐ The documentation and/or information you seek is not of the type prepared or maintained by the OSFM.
- ☒ We have carefully searched our office records in response to your request. Unfortunately, the OSFM does not have any records that are responsive to your specific request. The OSFM requires physical addresses to locate any possible LUST, UST or AST.

Pursuant to Section 9.5 of the Act, "any person whose request to inspect or copy a public record is denied by a public body, may file a request for review with the Public Access Counselor established in the Office of the Attorney General not later than 60 days after the date of the final denial." Such requests must be in writing, signed by the requester and include (1) a copy of the request for access to records and (2) any response from the OSFM. Further information on such requests contact:

Sarah Pratt
Acting Public Access
Counselor Office of the Attorney General
500 S. 2nd Street
Springfield, Illinois 62706
Phone: 1-877-299-FOIA
(1-877-299-3642)
Fax: (217) 782-1396

For your added convenience, we now also offer electronic submission of FOIA requests. To use this feature please go to <http://www.sfm.illinois.gov/public/foia.aspx> and simply fill out our electronic FOIA request form.

Should you have further questions regarding this matter, please contact me at your earliest convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Sebek".

Matt Sebek
Deputy General Counsel FOIA Officer
Office of the State Fire Marshal
217-785-1011

DRAFT



Electronic FOIA Request Form PDF

FOIA Request Date:	<input type="text" value="11/27/2018"/>
Web Request #:	<input type="text" value="27285"/>
Requestor:	<input type="text" value="Brigid Murphy"/>
Business Name:	<input type="text" value="GSG Consultants"/>
Address:	<input type="text" value="623 Cooper Court"/>
City State Zip:	<input type="text" value="Schaumburg, IL 60173"/>
Phone:	<input type="text" value="708-790-4807"/>
Email Address:	<input type="text" value="bmurphy@gsg-consultants.com"/>
Preferred Contact Method:	<input type="text" value="Email"/>

Will any part of the requested information, records or documentation be used, in any form, for sale, resale, solicitation or advertisement for sales or services?

Information Requested:

Please provide any environmental information related to LUST, USTs, SRPs, Auto Stations and etc for the property located at 64th & 65th & Long Ave & Linder Ave Chicago IL.

Fee Justification: In accordance with 5 ILCS 140/6(c), fees for public records may be reduced or waived if determined by the Agency to be in the public interest. If applicable, please provide a justification in the comments field below.

Questions or Comments:

No records found



Electronic FOIA Request Form PDF

FOIA Request Date:	<input type="text" value="11/27/2018"/>
Web Request #:	<input type="text" value="27298"/>
Requestor:	<input type="text" value="Brigid Murphy"/>
Business Name:	<input type="text" value="GSG Consultants"/>
Address:	<input type="text" value="623 Cooper Court"/>
City State Zip:	<input type="text" value="Schaumburg, IL 60173"/>
Phone:	<input type="text" value="708-790-4807"/>
Email Address:	<input type="text" value="bmurphy@gsg-consultants.com"/>
Preferred Contact Method:	<input type="text" value="Email"/>

Will any part of the requested information, records or documentation be used, in any form, for sale, resale, solicitation or advertisement for sales or services?

Information Requested:

Please provide any environmental information including LUST, USTs, SRPs and etc for the property located at 5423 W 64th Pl. Chicago IL 60638.

Fee Justification: In accordance with 5 ILCS 140/6(c), fees for public records may be reduced or waived if determined by the Agency to be in the public interest. If applicable, please provide a justification in the comments field below.

Questions or Comments:

No records found

Division of Petroleum & Chemical Safety

[Print Detail Page](#) [Export to Excel](#) [Last Search Page](#)

Facility Details

Facility Number:	2032598
Status:	Closed
Facility Name:	Budget Rent-A-Car Systems
Address:	5401 W. 65th Street Bedford Park, IL 60638
County:	Cook
Property Parcel:	
Facility Type:	Commercial / Retail
Motor Fuel Type:	
Owner Type:	Private
Green Tag Decal:	I007021
Green Tag Issue Date:	4/9/2007
Green Tag Expiration Date:	12/31/2009
Motor Fuel Dispensing Permit Inspection Date:	
Motor Fuel Dispensing Permit Expiration Date:	

Owner Details

Owner Name:	Budget Rent A Car System, Inc.
Owner Address:	6 Sylvan Way Dept 29 - C93-36 Attn: Michael Feeley Parsippany, NJ 07054
Owner Status:	Current Owner
Purchase Date:	12/1/2003
Type of Financial Responsibility:	Commercial Insurance
Financial Responsibility Reporting Due Date:	11/5/2008

Owner Summary

[Click for Facility/Tank Ownership history](#)

Owner Number	Owner Name	Owner Status	Purchase Date
U0031485	Budget Rent A Car System, Inc.	Current Owner	12/1/2003
U0008263	Budget Rent A Car Systems, Inc.	Former Owner	12/1/2003
U0022136	Richmond Asset Mgmt	Former Owner	1/1/1987

Permits (Unexpired)

[Click for permit history](#)

No Active Permits Found

Deficiencies (Current)

No Deficiencies Found

IEMA Numbers Associated with the Facility

No IEMA Numbers Found

LUST Fund Eligibility and Deductibility Determinations

IEMA Number	Status	OSFM Received Date	OSFM Response Date	Deductible	Letter
93-3025	Eligible	12/14/1993	12/27/1993	\$100,000	

Tank Information

Tank Number	Capacity	Product	Status	Regulated Status	Red Tag Issued	Fee Due
1	120	Gasoline	Removed	Federal		\$0.00
2	10000	Diesel Fuel	Removed	Federal		\$0.00
3	280		Removed	Exempt		

Tank Number	Capacity	Product	Status	Regulated Status	Red Tag Issued	Fee Due
4	15000	Heating Oil	Removed	State		\$0.00
5	1500	Kerosene	Removed	Federal		\$0.00
6	2500		Abandoned in place	Federal		\$0.00
9	6000	Gasoline	Removed	Federal		\$0.00
10	1500	Kerosene	Removed	Federal		\$0.00
11	12000	Gasoline	Removed	Federal		\$0.00
12	4000	Diesel Fuel	Does Not Exist	Federal		

Dispenser Information

Name\ID	Status	Sensor Shuts Down Product Pump
---------	--------	--------------------------------

MFD Motorfuel Dispensing Forms

No Forms Found

DRAFT

APPENDIX G

Environmental Questionnaire

(None Received)

DRAFT

APPENDIX H

Photographs

DRAFT



623 Cooper Court • Schaumburg, IL 60173

Tel: 312.733.6262 • Fax: 312.733.5612

Integrity | Quality | Reliability

Project Site: West 65th Street and South Long Avenue

Project ID: 2118-002



Date: 11/27/2018

Taken by: BM

View of the northern portion of the paved vacant lot. Photo was taken facing south.



Date: 11/27/2018

Taken by: BM

View of the northern portion of the paved vacant lot. Photo was taken facing south.



623 Cooper Court • Schaumburg, IL 60173

Tel: 312.733.6262 • Fax: 312.733.5612

Integrity | Quality | Reliability

Project Site: West 65th Street and South Long Avenue

Project ID: 2118-002



Date: 11/27/2018

Taken by: BM

View of eastern portion of the paved vacant lot. Photo was taken facing west.



Date: 11/27/2018

Taken by: BM

View of eastern portion of the paved vacant lot. Photo was taken facing west.



623 Cooper Court • Schaumburg, IL 60173

Tel: 312.733.6262 • Fax: 312.733.5612

Integrity | Quality | Reliability

Project Site: West 65th Street and South Long Avenue

Project ID: 2118-002



Date: 11/27/2018

Taken by: BM

View of electric meter that was located on the southern portion of the paved vacant lot. Photo was taken facing west.



Date: 11/27/2018

Taken by: BM

View of the southern portion of the paved vacant lot. Photo was taken facing northwest.



623 Cooper Court • Schaumburg, IL 60173

Tel: 312.733.6262 • Fax: 312.733.5612

Integrity | Quality | Reliability

Project Site: West 65th Street and South Long Avenue

Project ID: 2118-002



Date: 11/27/2018

Taken by: BM

View of the southern portion of the paved vacant lot. Photo was taken facing north.



Date: 11/27/2018

Taken by: BM

View of the western portion of the paved vacant lot. Photo was taken facing east.



623 Cooper Court • Schaumburg, IL 60173

Tel: 312.733.6262 • Fax: 312.733.5612

Integrity | Quality | Reliability

Project Site: West 65th Street and South Long Avenue

Project ID: 2118-002



Date: 11/27/2018

Taken by: BM

View of the western portion of the paved vacant lot. Photo was taken facing east.



Date: 11/27/2018

Taken by: BM

View of the north adjacent structure. Photo was taken facing northwest.



623 Cooper Court • Schaumburg, IL 60173

Tel: 312.733.6262 • Fax: 312.733.5612

Integrity | Quality | Reliability

Project Site: West 65th Street and South Long Avenue

Project ID: 2118-002



Date: 11/27/2018

Taken by: BM

View of the north adjacent alley. Photo was taken facing north.



Date: 11/27/2018

Taken by: BM

View of the east adjacent structures. Photo was taken facing southeast.



623 Cooper Court • Schaumburg, IL 60173

Tel: 312.733.6262 • Fax: 312.733.5612

Integrity | Quality | Reliability

Project Site: West 65th Street and South Long Avenue

Project ID: 2118-002



Date: 11/27/2018

Taken by: BM

View of the south adjacent property. Photo was taken facing south.



Date: 11/27/2018

Taken by: BM

View of the 3 transformers that is located on the south adjacent property. Photo was taken facing south.



623 Cooper Court • Schaumburg, IL 60173

Tel: 312.733.6262 • Fax: 312.733.5612

Integrity | Quality | Reliability

Project Site: West 65th Street and South Long Avenue

Project ID: 2118-002



Date: 11/27/2018

Taken by: BM

View of the west adjacent alley and structures. Photo was taken facing northwest.



Date: 11/27/2018

Taken by: BM

View of the west adjacent structures. Photo was taken facing west.

APPENDIX I

Vapor Encroachment Screen

DRAFT

Proposed Hancock Replacement H.S.

W 65th St & S Long Ave

Chicago, IL 60638

Inquiry Number: 5492075.2s

November 28, 2018

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Primary Map	2
Secondary Map	3
Map Findings	4
Record Sources and Currency	GR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

This report contains information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.**

Purchaser accepts this report "AS IS". Any analyses, estimates, ratings, or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Federal NPL site list	1.0	0	0	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	0
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
State- and tribal - equivalent NPL	not searched	-	-	-
State- and tribal - equivalent CERCLIS	1.0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	0	0	8
State and tribal registered storage tank lists	0.25	0	2	19
State and tribal institutional control / engineering control registries	0.5	0	0	0
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	0.001	0	0	-
Local Lists of Registered Storage Tanks	not searched	-	-	-
Local Land Records	0.001	0	0	-
Records of Emergency Release Reports	0.001	0	0	-
Other Ascertainable Records	1.0	0	0	1

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

DRAFT

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

PROPOSED HANCOCK REPLACEMENT H.S.
W 65TH ST & S LONG AVE
CHICAGO, IL 60638

COORDINATES

Latitude (North):	41.77494 - 41° 46' 29.785767"
Longitude (West):	87.757959 - 87° 45' 28.64685"
Elevation:	615 ft. above sea level

DRAFT

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
BOARD OF EDUCATION TANKS: CHICAGO TANKS	5450 W 64TH PL	<1/10 NNW	▲ A1	10
JOSEPH RAPPORT TANKS: CHICAGO TANKS	5427 W 64TH ST	<1/10 N	▲ A2	11
L & A BISHKARI TANKS: CHICAGO TANKS	5401 W 63RD ST	1/10 - 1/3 NNE	▲ I3	11
L & A BISHKARI TANKS: CHICAGO TANKS	5401 W 63RD ST	1/10 - 1/3 NNE	▲ I4	12
DOLLAR RENT A CAR UST: UST LUST: LUST	5359 WEST 63RD STREET	1/10 - 1/3 NNE	▲ I5	12
MIDWAY 66TH STATION TANKS: CHICAGO TANKS	5359 W 63RD ST	1/10 - 1/3 NNE	▲ I6	17
MIDWAY 66TH STATION TANKS: CHICAGO TANKS	5359 W 63RD ST	1/10 - 1/3 NNE	▲ I7	18
DOLLAR RENT-A-CAR TANKS: CHICAGO TANKS	5359 W 63RD ST	1/10 - 1/3 NNE	▲ I8	18
BARDON CHEMICAL TANKS: CHICAGO TANKS	5331 W 63RD ST	1/10 - 1/3 NNE	▲ L9	19
U. S. DEPARTMENT OF MILITARY AFFAIR TANKS: CHICAGO TANKS	5400 W 63RD ST	1/10 - 1/3 NNE	▲ I10	19
NATIONAL GUARD MIDWAY AASF LUST: LUST	5400 63RD ST., AVIATION SUPPORT FACILITY	1/10 - 1/3 NNE	▲ I11	20
MIDWAY AASF #2 TANKS: CHICAGO TANKS	5400 W 63RD ST	1/10 - 1/3 NNE	▲ I12	20
U. S. DEPARTMENT OF MILITARY AFFAIR TANKS: CHICAGO TANKS	5400 W 63RD ST	1/10 - 1/3 NNE	▲ I13	21
ILLINOIS BELL TELEPHONE LUST: LUST	63RD & LOREL ST.	1/10 - 1/3 NNE	▲ L14	21

EXECUTIVE SUMMARY

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
AVIATION SERVICES TANKS: CHICAGO TANKS	5320 W 63RD ST	1/10 - 1/3 NE	▲ L15	22
AVIATION SERVICES TANKS: CHICAGO TANKS	5320 W 63RD ST	1/10 - 1/3 NE	▲ L16	23
CITY /MIDWAY AIRPORT/MILLION AIR TANKS: CHICAGO TANKS	5320 W 63RD ST	1/10 - 1/3 NE	▲ L17	23
AVIATION SERVICE GROUP LUST: LUST SPILLS: SPILLS CHICAGO ENV: CHICAGO ENV BOL: BOL	5320 W 63RD ST	1/10 - 1/3 NE	▲ L18	25
AVIATION SERVICES TANKS: CHICAGO TANKS	5320 W 63RD ST	1/10 - 1/3 NE	▲ L19	27
AVIATION SERVICES TANKS: CHICAGO TANKS	5320 W 63RD ST	1/10 - 1/3 NE	▲ L20	27
AVIATION SERVICES TANKS: CHICAGO TANKS	5320 W 63RD ST	1/10 - 1/3 NE	▲ L21	28
AVIATION SERVICES TANKS: CHICAGO TANKS	5320 W 63RD ST	1/10 - 1/3 NE	▲ L22	28
SNYDER AIRCRAFT BUILDING TANKS: CHICAGO TANKS	5314 W 63RD ST	1/10 - 1/3 NE	▲ O23	29
SNYDER AIRCRAFT BUILDING TANKS: CHICAGO TANKS	5314 W 63RD ST	1/10 - 1/3 NE	▲ O24	29
AVIATION SERVICE GROUP LUST: LUST	5320 WEST 63RD ST.	1/10 - 1/3 NNE	▲ L25	30
CHICAGO, CITY OF DEPT. OF AVIATION LUST: LUST	5240 WEST 63RD ST.	1/10 - 1/3 NE	▲ Q26	31
ATLANTIC AVIATION CORP. LUST: LUST	5236 WEST 63RD STREET	1/10 - 1/3 NE	▲ Q27	32
CHICAGO DEPARTMENT OF AVIATION LUST: LUST	5214 WEST 63RD STREET	1/10 - 1/3 NE	▲ Q28	33
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>				
<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
AVIATION SERVICE GROUP	5320 W 63RD ST	1/10 - 1/3 NE	▲ L18	25

EXECUTIVE SUMMARY

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
LUST: LUST SPILLS: SPILLS CHICAGO ENV: CHICAGO ENV BOL: BOL				

EDR HIGH RISK HISTORICAL RECORDS

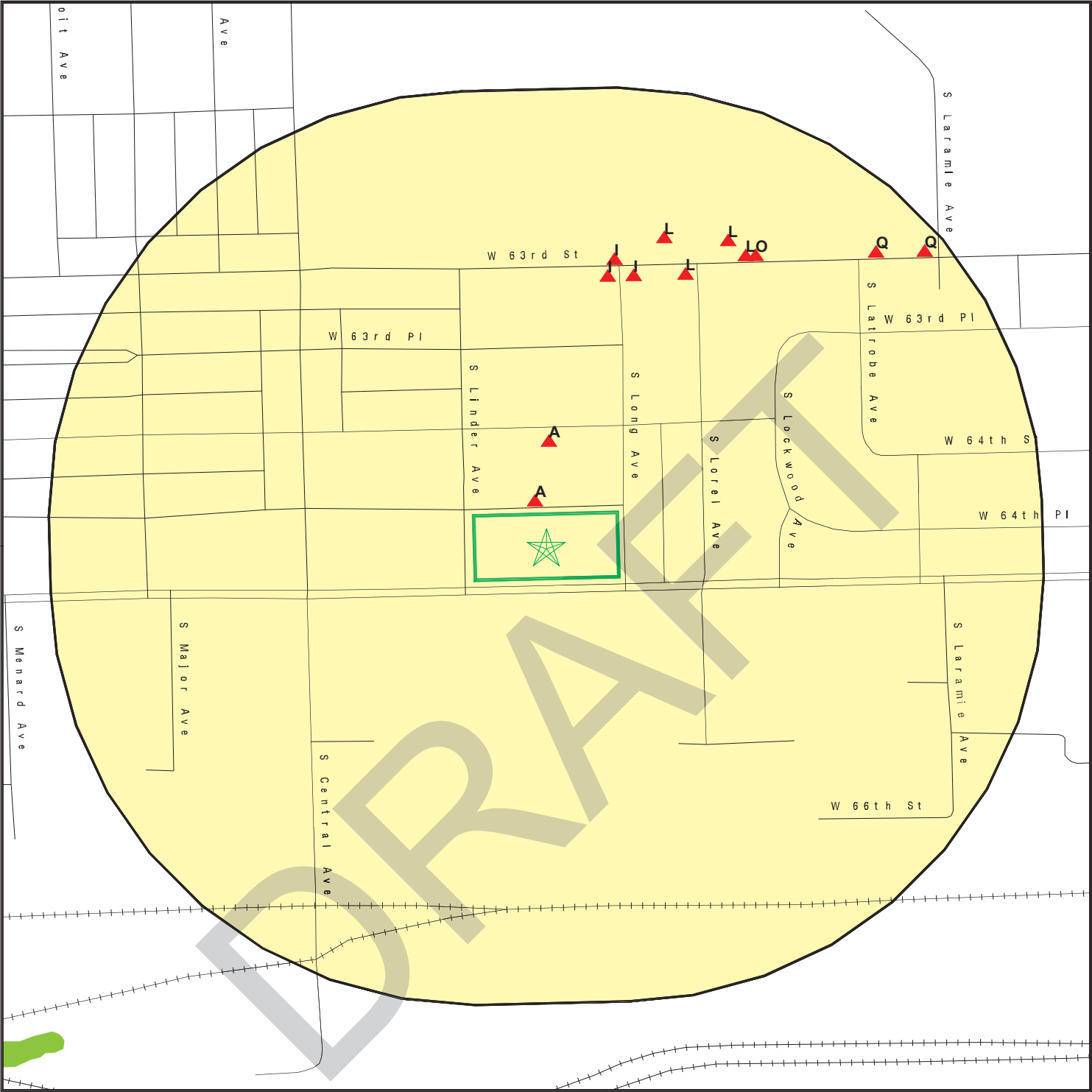
<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

DRAFT

PRIMARY MAP - 5492075.2S



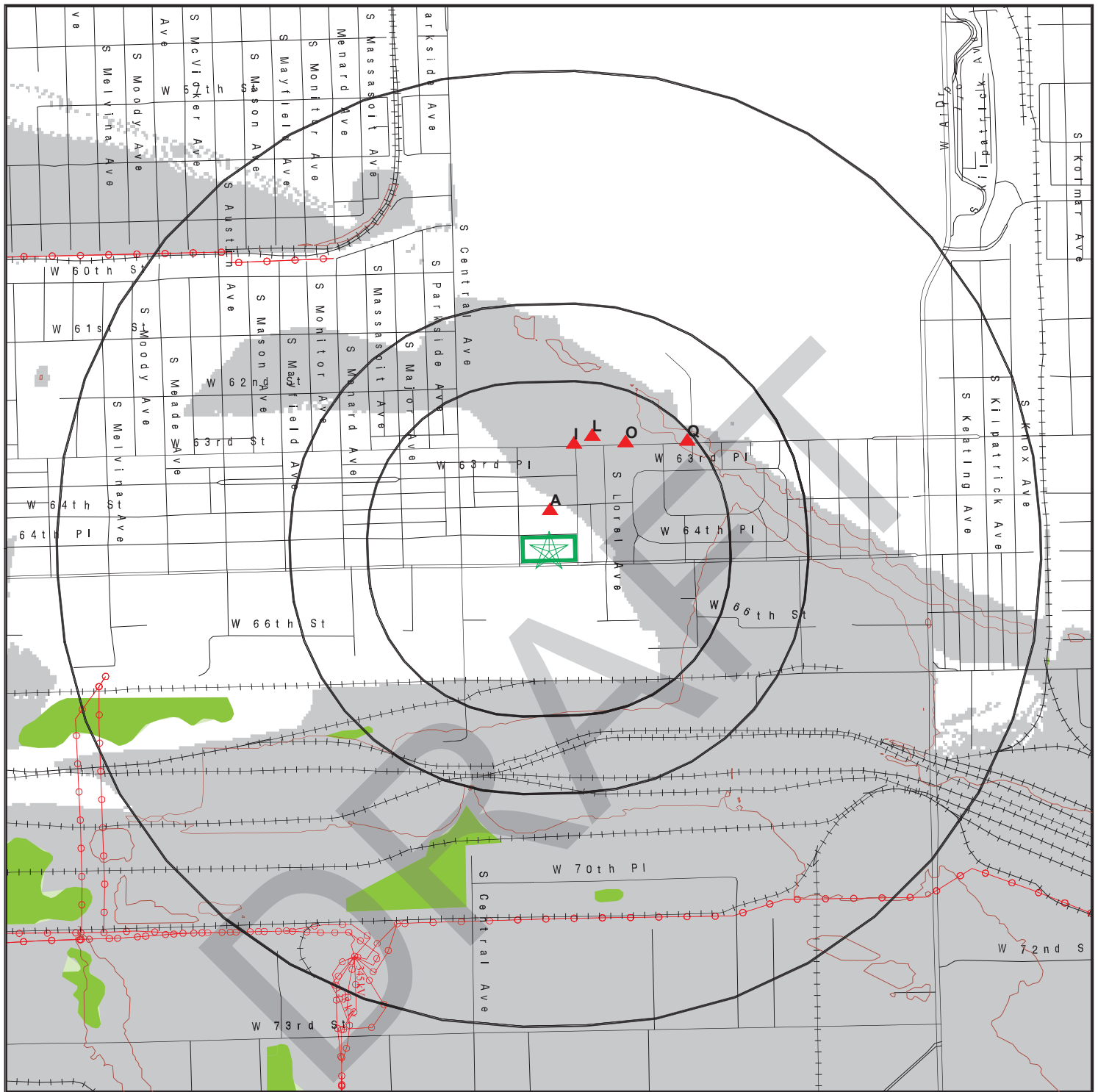
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago IL 60638
LAT/LONG: 41.77494 / 87.757959

CLIENT: GSG Environmental Group, LLC.
CONTACT: Nils Clausen
INQUIRY #: 5492075.2s
DATE: November 21, 2018 1:59 pm

SECONDARY MAP - 5492075.2S



Target Property



Sites at elevations higher than or equal to the target property



Sites at elevations lower than the target property



Manufactured Gas Plants



National Priority List Sites



Dept. Defense Sites



Indian Reservations BIA



Power transmission lines



100-year flood zone



500-year flood zone



National Wetland Inventory



State Wetlands



Upgradient Area



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Proposed Hancock Replacement H.S.
ADDRESS: W 65th St & S Long Ave
Chicago IL 60638
LAT/LONG: 41.77494 / 87.757959

CLIENT: GSG Environmental Group, LLC.
CONTACT: Nils Clausen
INQUIRY #: 5492075.2s
DATE: November 21, 2018 1:57 pm

MAP FINDINGS

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP			EDR SITE ID NUMBER
◆ MAP ID#	Direction Distance Range	(Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation	Feet Above Sea Level	
Worksheet:			
Comments:			
Comments may be added on the online Vapor Encroachment Worksheet.			

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

BOARD OF EDUCATION 5450 W 64TH PL, CHICAGO, IL,			S121857311
▲ A1	NNW <1/10	(49 ft. / 0.009 mi.)	State and tribal registered storage tank lists
	Equal Elevation	615 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Geological Attributes - Physical Barrier:

Impermeable soil layer: YES

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5450W641952-05-23
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not Reported
Tank ID: Not Reported
Tank Material: Not Reported
Tank Construction: Not Reported
Substance: Not Reported
Tank Capacity: Not Reported
Install Date: 05/23/1952
Removal Date: Not Reported
Last Used Date: Not Reported
Comments: WORK BY: P. MASEY; INSTALL 2-275 GAL FUEL OIL TANKS FINAL 3/31/53
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.775369

MAP FINDINGS

BOARD OF EDUCATION, 5450 W 64TH PL, CHICAGO, IL (Continued)

Longitude: -87.758691

JOSEPH RAPPORT 5427 W 64TH ST, CHICAGO, IL,			S121857199
▲ A2	N <1/10	(295 ft. / 0.056 mi.)	State and tribal registered storage tank lists
	Equal Elevation	615 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Both COC & PHC: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

Geological Attributes - Physical Barrier:

Impermeable soil layer: YES

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5427W641956-10-05
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: Not Reported
 Tank ID: Not Reported
 Tank Material: Not Reported
 Tank Construction: Not Reported
 Substance: Not Reported
 Tank Capacity: Not Reported
 Install Date: 10/05/1956
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: WORK BY: OWNER; INSTALL 1-1K GAL FUEL OIL TANK FINAL 12/6/56
 Data Source: HISTORIC DEPT. OF BUILDINGS
 Latitude: 41.776301
 Longitude: -87.757737

L & A BISHKARI 5401 W 63RD ST, CHICAGO, IL,			S121857098
▲ I3	NNE 1/10 - 1/3	(973 ft. / 0.184 mi.)	State and tribal registered storage tank lists
	2 ft. Higher Elevation	617 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5401W631950-06-16

MAP FINDINGS

L & A BISHKARI, 5401 W 63RD ST, CHICAGO, IL (Continued)

Tank Type: UNDERGROUND STORAGE TANK
 Owner: Not Reported
 Tank ID: Not Reported
 Tank Material: Not Reported
 Tank Construction: Not Reported
 Substance: Not Reported
 Tank Capacity: Not Reported
 Install Date: 06/16/1950
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: WORK BY: CLEARING INDUSTRIAL ENGINEERIN; INSTALL 1-575 GAL FUEL OIL TANK FINAL 1/29/51
 Data Source: HISTORIC DEPT. OF BUILDINGS
 Latitude: 41.778131
 Longitude: -87.756996

L & A BISHKARI 5401 W 63RD ST, CHICAGO, IL,			S121857099
▲ I4	NNE 1/10 - 1/3	(973 ft. / 0.184 mi.)	State and tribal registered storage tank lists
	2 ft. Higher Elevation	617 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5401W631957-10-01
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: Not Reported
 Tank ID: Not Reported
 Tank Material: Not Reported
 Tank Construction: Not Reported
 Substance: Not Reported
 Tank Capacity: Not Reported
 Install Date: 10/01/1957
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: WORK BY: C. FIELDS; INSTALL 1-1K GAL FUEL OIL TANK FINAL N/G
 Data Source: HISTORIC DEPT. OF BUILDINGS
 Latitude: 41.778131
 Longitude: -87.756996

DOLLAR RENT A CAR 5359 WEST 63RD STREET, CHICAGO, IL, 60638			U001142010
▲ I5	NNE 1/10 - 1/3	(977 ft. / 0.185 mi.)	State and tribal leaking storage tank lists
	2 ft. Higher Elevation	617 ft. Above Sea Level	State and tribal registered storage tank lists

Worksheet:

MAP FINDINGS

DOLLAR RENT A CAR, 5359 WEST 63RD STREET, CHICAGO, IL 60638 (Continued)

LUST: State and tribal leaking storage tank lists

Incident Num: 952583
 IL EPA Id: 316565098
 Product: Gasoline
 IEMA Date: 1995-12-27
 Project Manager: Harlow
 Project Manager Phone: Not Reported
 Email: Not Reported
 PRP Name: Dollar Systems Inc.
 PRP Contact: Hayden Holcomb
 PRP Address: 5330 East 31st St.
 PRP City,St,Zip: Tulsa, OK 74153
 PRP Phone: Not Reported
 Site Classification: Not Reported
 Section 57.5(g) Letter: 732
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: 1996-01-17
 45 Report Received: 1996-02-09
 NFA/NFR Letter: Not Reported
 NFR Date Recorded: Not Reported
 Heating Oil Date: Not Reported
 Non-Lust LR Date: Not Reported

UST: State and tribal registered storage tank lists

Facility ID: 2007520
 Facility Status: CLOSED
Facility Type: COMMERCIAL / RETAIL
 Owner Id: U0027886
 Owner Name: Dollar Rent A Car Systems Inc
 Owner Address: 5330 East 31st Street
 Owner City,St,Zip: Tulsa, OK 741530985
 Tank Number: 1
Tank Status: Removed
 Tank Capacity: 8000
 Tank Substance: Gasoline
 Last Used Date: 12/31/1986
 OSFM First Notify Date: 3/10/1986
 Red Tag Issue Date: Not Reported
 Install Date: Not Reported
Green Tag Decal: M003471
Green Tag Issue Date: 10/20/2011
Green Tag Expire Date: 12/31/2013
 Fee Due: \$0.00
 Motor Fuel Permit Inspection Date: Not Reported
 Motor Fuel Permit Expiration Date: Not Reported
 MOTOR FUEL TYPE: Not Reported
 Pending Nov: N

MAP FINDINGS

DOLLAR RENT A CAR, 5359 WEST 63RD STREET, CHICAGO, IL 60638 (Continued)

IEMA: ,95
 Equipment Type: Not Reported
 Equipment: Not Reported
 Last Passing Date: Not Reported
 Test Expire Date: Not Reported
 Removed Date: 12/31/1986
 Abandoned Date: Not Reported

Tank Number: 2
Tank Status: **Removed**
 Tank Capacity: 8000
 Tank Substance: Gasoline
 Last Used Date: 12/31/1986
 OSFM First Notify Date: 3/10/1986
 Red Tag Issue Date: Not Reported
 Install Date: Not Reported
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
 Fee Due: \$0.00
 Motor Fuel Permit Inspection Date: Not Reported
 Motor Fuel Permit Expiration Date: Not Reported
 MOTOR FUEL TYPE: Not Reported
 Pending Nov: N
 IEMA: ,95
 Equipment Type: Not Reported
 Equipment: Not Reported
 Last Passing Date: Not Reported
 Test Expire Date: Not Reported
 Removed Date: 12/31/1986
 Abandoned Date: Not Reported

Tank Number: 3
Tank Status: **Moved**
 Tank Capacity: 8000
 Tank Substance: Gasoline
 Last Used Date: 12/16/1998
 OSFM First Notify Date: 6/1/1986
 Red Tag Issue Date: Not Reported
 Install Date: 6/1/1986
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
 Fee Due: \$0.00
 Motor Fuel Permit Inspection Date: Not Reported
 Motor Fuel Permit Expiration Date: Not Reported
 MOTOR FUEL TYPE: Not Reported
 Pending Nov: N
 IEMA: Not Reported
 Equipment Type: Not Reported

MAP FINDINGS

DOLLAR RENT A CAR, 5359 WEST 63RD STREET, CHICAGO, IL 60638 (Continued)

Equipment: Not Reported
 Last Passing Date: Not Reported
 Test Expire Date: Not Reported
 Removed Date: 3/23/1999
 Abandoned Date: Not Reported

Tank Number: 4
Tank Status: **Moved**
 Tank Capacity: 500
 Tank Substance: Used Oil
 Last Used Date: Not Reported
 OSFM First Notify Date: 7/1/1988
 Red Tag Issue Date: Not Reported
 Install Date: 7/1/1988
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
 Fee Due: \$0.00
 Motor Fuel Permit Inspection Date: Not Reported
 Motor Fuel Permit Expiration Date: Not Reported
 MOTOR FUEL TYPE: Not Reported
 Pending Nov: N
 IEMA: Not Reported
 Equipment Type: Not Reported
 Equipment: Not Reported
 Last Passing Date: Not Reported
 Test Expire Date: Not Reported
 Removed Date: Not Reported
 Abandoned Date: Not Reported

Tank Number: 5
Tank Status: **Does Not Exist**
 Tank Capacity: 8000
 Tank Substance: Gasoline
 Last Used Date: Not Reported
 OSFM First Notify Date: 11/6/1998
 Red Tag Issue Date: Not Reported
 Install Date: 6/1/1986
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
 Fee Due: \$0.00
 Motor Fuel Permit Inspection Date: Not Reported
 Motor Fuel Permit Expiration Date: Not Reported
 MOTOR FUEL TYPE: Not Reported
 Pending Nov: N
 IEMA: Not Reported
 Equipment Type: Not Reported
 Equipment: Not Reported
 Last Passing Date: Not Reported

MAP FINDINGS

DOLLAR RENT A CAR, 5359 WEST 63RD STREET, CHICAGO, IL 60638 (Continued)

Test Expire Date: Not Reported
 Removed Date: Not Reported
 Abandoned Date: Not Reported

Tank Number: 6
Tank Status: **Removed**
 Tank Capacity: 12000
 Tank Substance: Gasoline
 Last Used Date: 11/7/2013
 OSFM First Notify Date: 2/11/1999
 Red Tag Issue Date: Not Reported
 Install Date: 12/22/1998
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
 Fee Due: \$0.00
 Motor Fuel Permit Inspection Date: Not Reported
 Motor Fuel Permit Expiration Date: Not Reported
 MOTOR FUEL TYPE: Not Reported
 Pending Nov: N
 IEMA: Not Reported
 Equipment Type: Not Reported
 Equipment: Not Reported
 Last Passing Date: Not Reported
 Test Expire Date: Not Reported
 Removed Date: 2/23/2017
 Abandoned Date: Not Reported

Tank Number: 7
Tank Status: **Removed**
 Tank Capacity: 1000
 Tank Substance: Heating Oil
 Last Used Date: 3/23/1999
 OSFM First Notify Date: 9/30/1999
 Red Tag Issue Date: Not Reported
 Install Date: Not Reported
Green Tag Decal: **M003471**
Green Tag Issue Date: **10/20/2011**
Green Tag Expire Date: **12/31/2013**
 Fee Due: \$0.00
 Motor Fuel Permit Inspection Date: Not Reported
 Motor Fuel Permit Expiration Date: Not Reported
 MOTOR FUEL TYPE: Not Reported
 Pending Nov: N
 IEMA: Not Reported
 Equipment Type: Not Reported
 Equipment: Not Reported
 Last Passing Date: Not Reported
 Test Expire Date: Not Reported
 Removed Date: 3/23/1999

MAP FINDINGS

DOLLAR RENT A CAR, 5359 WEST 63RD STREET, CHICAGO, IL 60638 (Continued)

Abandoned Date: Not Reported

Tank Number: 8

Tank Status: **Removed**

Tank Capacity: 500

Tank Substance: Used Oil

Last Used Date: 3/24/1999

OSFM First Notify Date: 9/30/1999

Red Tag Issue Date: Not Reported

Install Date: Not Reported

Green Tag Decal: **M003471**

Green Tag Issue Date: **10/20/2011**

Green Tag Expire Date: **12/31/2013**

Fee Due: \$0.00

Motor Fuel Permit Inspection Date: Not Reported

Motor Fuel Permit Expiration Date: Not Reported

MOTOR FUEL TYPE: Not Reported

Pending Nov: N

IEMA: Not Reported

Equipment Type: Not Reported

Equipment: Not Reported

Last Passing Date: Not Reported

Test Expire Date: Not Reported

Removed Date: 3/24/1999

Abandoned Date: Not Reported

MIDWAY 66TH STATION 5359 W 63RD ST, CHICAGO, IL,		S121856996
▲ I6	NNE 1/10 - 1/3	(977 ft. / 0.185 mi.)
	2 ft. Higher Elevation	617 ft. Above Sea Level
State and tribal registered storage tank lists		

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5359W631982-08-09

Tank Type: UNDERGROUND STORAGE TANK

Owner: Not Reported

Tank ID: Not Reported

Tank Material: Not Reported

Tank Construction: Not Reported

Substance: Not Reported

Tank Capacity: Not Reported

Install Date: 08/09/1982

Removal Date: Not Reported

Last Used Date: Not Reported

Comments: WORK BY: ABD TNK & PUMP; REPLACE 2-8K GSLN W/4-2K GAL GSLN USTS FINAL 9/3/82

Data Source: HISTORIC DEPT. OF BUILDINGS

Latitude: 41.77814

MAP FINDINGS

MIDWAY 66TH STATION, 5359 W 63RD ST, CHICAGO, IL (Continued)

Longitude: -87.756495

MIDWAY 66TH STATION 5359 W 63RD ST, CHICAGO, IL,			S121856995
▲ I7	NNE 1/10 - 1/3	(977 ft. / 0.185 mi.)	State and tribal registered storage tank lists
	2 ft. Higher Elevation	617 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5359W631976-06-07
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: Not Reported
 Tank ID: Not Reported
 Tank Material: Not Reported
 Tank Construction: Not Reported
 Substance: Not Reported
 Tank Capacity: Not Reported
 Install Date: 06/07/1976
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: WORK BY: LAKE SHORE OIL; REPLACE 1-1K W/1-2K GAL GSLN UST FINAL 6/21/76
 Data Source: HISTORIC DEPT. OF BUILDINGS
 Latitude: 41.77814
 Longitude: -87.756495

DOLLAR RENT-A-CAR 5359 W 63RD ST, CHICAGO, IL,			S121837452
▲ I8	NNE 1/10 - 1/3	(977 ft. / 0.185 mi.)	State and tribal registered storage tank lists
	2 ft. Higher Elevation	617 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 2007520
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: See Environmental Permit Dataset
 Tank ID: 6
 Tank Material: COMPOSITE
 Tank Construction: DOUBLE
 Substance: GASOLINE
 Tank Capacity: 12000
 Install Date: 12/22/1998
 Removal Date: Not Reported
 Last Used Date: 11/07/2013

MAP FINDINGS

DOLLAR RENT-A-CAR, 5359 W 63RD ST, CHICAGO, IL (Continued)

Comments: 5359 W 63RD ST, OUT OF SERVICE 11/7/2013, Historic data from former Dept. of Environment [Tank Leak Protection: Interstitial Monitoring; Tank Spill Prevention: Spill Containment Manhole; Tank Corrosion Protection: Composit/Exterior Coating; Tank Overfil

Data Source: DEPT. OF PUBLIC HEALTH

Latitude: 41.77814

Longitude: -87.756495

BARDON CHEMICAL 5331 W 63RD ST, CHICAGO, IL,			S121856867
▲ L9	NNE 1/10 - 1/3	(1020 ft. / 0.193 mi.)	State and tribal registered storage tank lists
	3 ft. Higher Elevation	618 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5331W631987-12-07

Tank Type: UNDERGROUND STORAGE TANK

Owner: Not Reported

Tank ID: Not Reported

Tank Material: Not Reported

Tank Construction: Not Reported

Substance: Not Reported

Tank Capacity: Not Reported

Install Date: 12/07/1987

Removal Date: Not Reported

Last Used Date: Not Reported

Comments: WORK BY: P. J. HARTMANN; REMOVE 1-2K GAL GSLN TANK FINAL 1/7/88

Data Source: HISTORIC DEPT. OF BUILDINGS

Latitude: 41.778156

Longitude: -87.755673

U. S. DEPARTMENT OF MILITARY AFFAIR 5400 W 63RD ST, CHICAGO, IL,			S121857073
▲ I10	NNE 1/10 - 1/3	(1042 ft. / 0.197 mi.)	State and tribal registered storage tank lists
	3 ft. Higher Elevation	618 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5400W631947-01-07

Tank Type: UNDERGROUND STORAGE TANK

Owner: Not Reported

Tank ID: Not Reported

Tank Material: Not Reported

Tank Construction: Not Reported

Substance: Not Reported

Tank Capacity: Not Reported

MAP FINDINGS

U. S. DEPARTMENT OF MILITARY AFFAIR, 5400 W 63RD ST, CHICAGO, IL (Continued)

Install Date: 01/07/1947
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: WORK BY: GENERAL TANK; INSPECT 1-2K & 2-3K GAL GSLN TKS FINAL 2/8/49
 Data Source: HISTORIC DEPT. OF BUILDINGS
 Latitude: 41.778133
 Longitude: -87.756853

NATIONAL GUARD MIDWAY AASF 5400 63RD ST., AVIATION SUPPORT FACILITY, CHICAGO, IL, 60638			S106526785
▲ I11	NNE 1/10 - 1/3	(1042 ft. / 0.197 mi.)	State and tribal leaking storage tank lists
	3 ft. Higher Elevation	618 ft. Above Sea Level	

Worksheet:

LUST: State and tribal leaking storage tank lists

Incident Num: 923675
 IL EPA Id: 316645014
 Product: Gasoline
 IEMA Date: 1992-12-29
 Project Manager: Heaton
 Project Manager Phone: (217) 524-3312
 Email: Mike.Heaton@illinois.gov
 PRP Name: Illinois Dept. of Military Affairs
 PRP Contact: Randy Scott
 PRP Address: 1301 North MacArthur Blvd.
 PRP City,St,Zip: Springfield, IL 62702-2399
 PRP Phone: Not Reported
 Site Classification: Not Reported
 Section 57.5(g) Letter: 732
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: 1993-01-11
 45 Report Received: 1994-09-27
NFA/NFR Letter: 2001-06-27
 NFR Date Recorded: 2001-07-26
 Heating Oil Date: Not Reported
 Non-Lust LR Date: Not Reported

MIDWAY AASF #2 5400 W 63RD ST, CHICAGO, IL,			S121837380
▲ I12	NNE 1/10 - 1/3	(1042 ft. / 0.197 mi.)	State and tribal registered storage tank lists
	3 ft. Higher Elevation	618 ft. Above Sea Level	

Worksheet:

MAP FINDINGS

MIDWAY AASF #2, 5400 W 63RD ST, CHICAGO, IL (Continued)

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 2006877
Tank Type: UNDERGROUND STORAGE TANK
Owner: See Environmental Permit Dataset
Tank ID: 2
Tank Material: STEEL
Tank Construction: SINGLE
Substance: JET FUEL
Tank Capacity: 25000
Install Date: Not Reported
Removal Date: Not Reported
Last Used Date: Not Reported
Comments: 5400 W 63RD ST, IN COMPLIANCE, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Tank Gauging/ Veeder Root TLS 300; Tank Spill Prevention: Spill Containment Manhole; Tank Corrosion Protection: Impressed Current; Tank Overfi
Data Source: DEPT. OF PUBLIC HEALTH
Latitude: 41.778133
Longitude: -87.756853

U. S. DEPARTMENT OF MILITARY AFFAIR 5400 W 63RD ST, CHICAGO, IL,			S121857074
▲ I13	NNE 1/10 - 1/3	(1042 ft. / 0.197 mi.)	State and tribal registered storage tank lists
	3 ft. Higher Elevation	618 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5400W631992-12-07
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not Reported
Tank ID: Not Reported
Tank Material: Not Reported
Tank Construction: Not Reported
Substance: Not Reported
Tank Capacity: Not Reported
Install Date: 12/07/1992
Removal Date: Not Reported
Last Used Date: Not Reported
Comments: WORK BY: MANKOFF EQUIPMENT; REMOVE 1-1K & 1-6K GAL GSLN TKS FINAL N/G
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778133
Longitude: -87.756853

ILLINOIS BELL TELEPHONE 63RD & LOREL ST., CHICAGO, IL, 60612	S103688144
---	------------

MAP FINDINGS

▲ L14	NNE 1/10 - 1/3	(1148 ft. / 0.217 mi.)	State and tribal leaking storage tank lists
	3 ft. Higher Elevation	618 ft. Above Sea Level	

Worksheet:

LUST: State and tribal leaking storage tank lists

Incident Num: 901829
 IL EPA Id: 316270013
 Product: Jet Fuel
 IEMA Date: 1990-07-03
 Project Manager: Rife
 Project Manager Phone: Not Reported
 Email: Not Reported
 PRP Name: Illinois Bell Telephone
 PRP Contact: Thomas Scheer
 PRP Address: 900 North Villa
 PRP City,St,Zip: Villa Park, IL 60181
 PRP Phone: Not Reported
 Site Classification: Not Reported
 Section 57.5(g) Letter: 731
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: 6/21/1994
 20 Report Received: Not Reported
 45 Report Received: Not Reported
 NFA/NFR Letter: Not Reported
 NFR Date Recorded: Not Reported
 Heating Oil Date: Not Reported
 Non-Lust LR Date: 6/21/1994

AVIATION SERVICES 5320 W 63RD ST, CHICAGO, IL,				S121856837
▲ L15	NE 1/10 - 1/3	(1183 ft. / 0.224 mi.)	State and tribal registered storage tank lists	
	4 ft. Higher Elevation	619 ft. Above Sea Level		

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5320W631990-07-11
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: Not Reported
 Tank ID: Not Reported
 Tank Material: Not Reported
 Tank Construction: Not Reported
 Substance: Not Reported
 Tank Capacity: Not Reported
 Install Date: 07/11/1990
 Removal Date: Not Reported
 Last Used Date: Not Reported

MAP FINDINGS

AVIATION SERVICES, 5320 W 63RD ST, CHICAGO, IL (Continued)

Comments: WORK BY: DOWN UNDER ENVIRONMENTAL; REMOVE 1-15K GAL D.O. TNK, REPIPE 11-5K TANKS
FINAL 11/20/91

Data Source: HISTORIC DEPT. OF BUILDINGS

Latitude: 41.778159

Longitude: -87.755543

AVIATION SERVICES 5320 W 63RD ST, CHICAGO, IL,			S121856835
▲ L16	NE 1/10 - 1/3	(1183 ft. / 0.224 mi.)	State and tribal registered storage tank lists
	4 ft. Higher Elevation	619 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5320W631957-12-04

Tank Type: UNDERGROUND STORAGE TANK

Owner: Not Reported

Tank ID: Not Reported

Tank Material: Not Reported

Tank Construction: Not Reported

Substance: Not Reported

Tank Capacity: Not Reported

Install Date: 12/04/1957

Removal Date: Not Reported

Last Used Date: Not Reported

Comments: WORK BY: H & H TANK INSTALLERS; INSTALL 1-15K GAL GSLN TANK FINAL 2/21/58

Data Source: HISTORIC DEPT. OF BUILDINGS

Latitude: 41.778159

Longitude: -87.755543

CITY /MIDWAY AIRPORT/MILLION AIR 5320 W 63RD ST, CHICAGO, IL,			S121837912
▲ L17	NE 1/10 - 1/3	(1183 ft. / 0.224 mi.)	State and tribal registered storage tank lists
	4 ft. Higher Elevation	619 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 2012540

Tank Type: UNDERGROUND STORAGE TANK

Owner: See Environmental Permit Dataset

Tank ID: 2

Tank Material: STEEL

Tank Construction: Not Reported

Substance: JET A

Tank Capacity: 15000

MAP FINDINGS

CITY /MIDWAY AIRPORT/MILLION AIR, 5320 W 63RD ST, CHICAGO, IL (Continued)

Install Date:	Not Reported
Removal Date:	Not Reported
Last Used Date:	01/01/2003
Comments:	5320 W 63RD ST, REMOVED 10/2/03, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Gauging; Tank Spill Prevention: In Place; Tank Corrosion Protection: Impressed Current; Tank Overfill Protection: Automatic Shut-off; Piping
Data Source:	DEPT. OF PUBLIC HEALTH
Latitude:	41.778159
Longitude:	-87.755543
Facility ID:	2012540
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	See Environmental Permit Dataset
Tank ID:	1
Tank Material:	STEEL
Tank Construction:	Not Reported
Substance:	JET A
Tank Capacity:	15000
Install Date:	Not Reported
Removal Date:	Not Reported
Last Used Date:	01/01/2003
Comments:	5320 W 63RD ST, REMOVED 10/2/03, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Gauging; Tank Spill Prevention: In Place; Tank Corrosion Protection: Impressed Current; Tank Overfill Protection: Automatic Shut-off; Piping
Data Source:	DEPT. OF PUBLIC HEALTH
Latitude:	41.778159
Longitude:	-87.755543
Facility ID:	2012540
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	See Environmental Permit Dataset
Tank ID:	4
Tank Material:	Not Reported
Tank Construction:	Not Reported
Substance:	UNKNOWN
Tank Capacity:	15000
Install Date:	Not Reported
Removal Date:	Not Reported
Last Used Date:	01/01/2003
Comments:	5320 W 63RD ST, REMOVED 10/2/03, Historic data from former Dept. of Environment [Associated Permit Numbers: 107501 107501;]
Data Source:	DEPT. OF PUBLIC HEALTH
Latitude:	41.778159
Longitude:	-87.755543
Facility ID:	2012540
Tank Type:	UNDERGROUND STORAGE TANK
Owner:	See Environmental Permit Dataset
Tank ID:	5
Tank Material:	Not Reported
Tank Construction:	Not Reported
Substance:	UNKNOWN
Tank Capacity:	15000

MAP FINDINGS

CITY /MIDWAY AIRPORT/MILLION AIR, 5320 W 63RD ST, CHICAGO, IL (Continued)

Install Date: Not Reported
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: Not Reported
 Data Source: DEPT. OF PUBLIC HEALTH
 Latitude: 41.778159
 Longitude: -87.755543

 Facility ID: 2012540
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: See Environmental Permit Dataset
 Tank ID: 3
 Tank Material: STEEL
 Tank Construction: Not Reported
 Substance: JET A
 Tank Capacity: 15000
 Install Date: Not Reported
 Removal Date: Not Reported
 Last Used Date: 01/01/2003
 Comments: 5320 W 63RD ST, REMOVED 10/2/03, Historic data from former Dept. of Environment [Tank Leak Protection: Automatic Gauging; Tank Spill Prevention: In Place; Tank Corrosion Protection: Impressed Current; Tank Overfill Protection: Automatic Shut-off; Piping

 Data Source: DEPT. OF PUBLIC HEALTH
 Latitude: 41.778159
 Longitude: -87.755543

AVIATION SERVICE GROUP 5320 W 63RD ST, CHICAGO, IL, 60638			S111876831
▲ L18	NE 1/10 - 1/3	(1183 ft. / 0.224 mi.)	State and tribal leaking storage tank lists Records of Emergency Release Reports Other Ascertainable Records
	4 ft. Higher Elevation	619 ft. Above Sea Level	

Worksheet:

LUST: State and tribal leaking storage tank lists

Incident Num: 20170587
 IL EPA Id: 316560009
 Product: Fuel Oil
 IEMA Date: 2017-07-06
 Project Manager: Friedel
 Project Manager Phone: (217) 785-5736
 Email: Melinda.Friedel@illinois.gov
 PRP Name: City of Chicago Dept of Aviation
 PRP Contact: Aaron Frame
 PRP Address: 10510 West Zemke Road
 PRP City,St,Zip: Chicago, IL 60666
 PRP Phone: (773) 686-3563
 Site Classification: Not Reported
 Section 57.5(g) Letter: 734
 Date Section 57.5(g) Letter: 2017-08-09

MAP FINDINGS

AVIATION SERVICE GROUP, 5320 W 63RD ST, CHICAGO, IL 60638 (Continued)

Non LUST Determination Letter:	Not Reported
20 Report Received:	Not Reported
45 Report Received:	Not Reported
NFA/NFR Letter:	Not Reported
NFR Date Recorded:	Not Reported
Heating Oil Date:	8/9/2017
Non-Lust LR Date:	Not Reported

SPILLS: Records of Emergency Release Reports

Incident ID:	19901639
Incident Date:	Not Reported
Date Received:	06/20/1990
Lust Ind:	Yes
Facility Address:	5320 W 63RD ST
Facility City:	CHICAGO
PRP Name:	AVIATION SERVICES GROUP
AC:	Not Reported
Source Table:	dbo_OCIN_INCIDENTCUR
Incident ID:	20170587
Incident Date:	Not Reported
Date Received:	Not Reported
Lust Ind:	Yes
Facility Address:	5320 W 63RD STREET
Facility City:	CHICAGO
PRP Name:	Chicago Department of Aviation
AC:	Not Reported
Source Table:	dbo_tbl_CONSTRUCTION101
Incident ID:	NL891742
Incident Date:	Not Reported
Date Received:	09/09/1989
Lust Ind:	Not Reported
Facility Address:	5320 W. 63RD STREET
Facility City:	CHICAGO
PRP Name:	AVIATION SERVICES GROUP
AC:	Not Reported
Source Table:	dbo_OCIN_INDCIDENTHIS

BOL: Other Ascertainable Records

Site Id:	170000530174
Inv Num:	0316560009
Interest Name:	Aviation Service Group
Interest Type:	BOL
Media Code:	LAND

CHICAGO ENV: Other Ascertainable Records

Map Location:	5320 W 63RD ST CHICAGO, IL (41.778159, -87.755543)
Complaints:	Y

MAP FINDINGS

AVIATION SERVICE GROUP, 5320 W 63RD ST, CHICAGO, IL 60638 (Continued)

Neshaps and Demolition Notices: Not Reported
Enforcement: Not Reported
Inspections: Y
Permits: Y
Tanks: Y
Holds and Lust Nfr: Not Reported
Latitude: 41.778159
Longitude: -87.755543

Map Location: 5320 W 63RD ST CHICAGO, IL (41.778159, -87.755543)
Complaints: Y
Neshaps and Demolition Notices: Not Reported
Enforcement: Not Reported
Inspections: Y
Permits: Y
Tanks: Y
Holds and Lust Nfr: Not Reported
Latitude: 41.778159
Longitude: -87.755543

AVIATION SERVICES 5320 W 63RD ST, CHICAGO, IL,			S121856834
▲ L19	NE 1/10 - 1/3	(1183 ft. / 0.224 mi.)	State and tribal registered storage tank lists
	4 ft. Higher Elevation	619 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5320W631957-11-15
Tank Type: UNDERGROUND STORAGE TANK
Owner: Not Reported
Tank ID: Not Reported
Tank Material: Not Reported
Tank Construction: Not Reported
Substance: Not Reported
Tank Capacity: Not Reported
Install Date: 11/15/1957
Removal Date: Not Reported
Last Used Date: Not Reported
Comments: WORK BY: H & H TANK INSTALLERS; INSTALL 2-15K GAL GSLN TANK FINAL 2/21/58
Data Source: HISTORIC DEPT. OF BUILDINGS
Latitude: 41.778159
Longitude: -87.755543

AVIATION SERVICES 5320 W 63RD ST, CHICAGO, IL,			S121856832
---	--	--	------------

MAP FINDINGS

▲ L20	NE 1/10 - 1/3	(1183 ft. / 0.224 mi.)	State and tribal registered storage tank lists
	4 ft. Higher Elevation	619 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5320W631951-08-07
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: Not Reported
 Tank ID: Not Reported
 Tank Material: Not Reported
 Tank Construction: Not Reported
 Substance: Not Reported
 Tank Capacity: Not Reported
 Install Date: 08/07/1951
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: WORK BY: THE TEXAS COMPANY; INSTALL 1-3K GAL GSLN TANK FINAL 4/15/52
 Data Source: HISTORIC DEPT. OF BUILDINGS
 Latitude: 41.778159
 Longitude: -87.755543

AVIATION SERVICES 5320 W 63RD ST, CHICAGO, IL,				S121856833
▲ L21	NE 1/10 - 1/3	(1183 ft. / 0.224 mi.)	State and tribal registered storage tank lists	
	4 ft. Higher Elevation	619 ft. Above Sea Level		

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5320W631957-08-30
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: Not Reported
 Tank ID: Not Reported
 Tank Material: Not Reported
 Tank Construction: Not Reported
 Substance: Not Reported
 Tank Capacity: Not Reported
 Install Date: 08/30/1957
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: WORK BY: NATIONAL ALRO SERVICE; INSTALL 2-15K GAL GSLN TKS FINAL 2/20/58
 Data Source: HISTORIC DEPT. OF BUILDINGS
 Latitude: 41.778159
 Longitude: -87.755543

AVIATION SERVICES 5320 W 63RD ST, CHICAGO, IL,				S121856836
---	--	--	--	------------

MAP FINDINGS

▲ L22	NE 1/10 - 1/3	(1183 ft. / 0.224 mi.)	State and tribal registered storage tank lists
	4 ft. Higher Elevation	619 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5320W631982-02-26
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: Not Reported
 Tank ID: Not Reported
 Tank Material: Not Reported
 Tank Construction: Not Reported
 Substance: Not Reported
 Tank Capacity: Not Reported
 Install Date: 02/26/1982
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: WORK BY: KEZ CONSTRUCTION; ACTIVATE 1-15K 100 OCT. AV GSLN & 1-15K JET -A FINAL 5/3/83
 Data Source: HISTORIC DEPT. OF BUILDINGS
 Latitude: 41.778159
 Longitude: -87.755543

SNYDER AIRCRAFT BUILDING 5314 W 63RD ST, CHICAGO, IL,			S121856804
▲ O23	NE 1/10 - 1/3	(1203 ft. / 0.228 mi.)	State and tribal registered storage tank lists
	4 ft. Higher Elevation	619 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5314W631946-12-02
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: Not Reported
 Tank ID: Not Reported
 Tank Material: Not Reported
 Tank Construction: Not Reported
 Substance: Not Reported
 Tank Capacity: Not Reported
 Install Date: 12/02/1946
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: WORK BY: KENNEY TANK; INSTALL 1-1K GAL FUEL OIL TANK FINAL 2/15/49
 Data Source: HISTORIC DEPT. OF BUILDINGS
 Latitude: 41.778161
 Longitude: -87.755412

SNYDER AIRCRAFT BUILDING 5314 W 63RD ST, CHICAGO, IL,				S121856805
--	--	--	--	------------

MAP FINDINGS

▲ O24	NE 1/10 - 1/3	(1203 ft. / 0.228 mi.)	State and tribal registered storage tank lists
	4 ft. Higher Elevation	619 ft. Above Sea Level	

Worksheet:

CHICAGO TANKS: State and tribal registered storage tank lists

Facility ID: 5314W631953-06-15
 Tank Type: UNDERGROUND STORAGE TANK
 Owner: Not Reported
 Tank ID: Not Reported
 Tank Material: Not Reported
 Tank Construction: Not Reported
 Substance: Not Reported
 Tank Capacity: Not Reported
 Install Date: 06/15/1953
 Removal Date: Not Reported
 Last Used Date: Not Reported
 Comments: WORK BY: STOTZNER BUILDING; INSTALL 1-1K GAL FUEL OIL UST FINAL 4/12/54
 Data Source: HISTORIC DEPT. OF BUILDINGS
 Latitude: 41.778161
 Longitude: -87.755412

AVIATION SERVICE GROUP 5320 WEST 63RD ST., CHICAGO, IL, 60638			S104524655
▲ L25	NNE 1/10 - 1/3	(1210 ft. / 0.229 mi.)	State and tribal leaking storage tank lists
	4 ft. Higher Elevation	619 ft. Above Sea Level	

Worksheet:

LUST: State and tribal leaking storage tank lists

Incident Num: 901639
 IL EPA Id: 316560009
 Product: Jet Fuel
 IEMA Date: 1990-06-20
 Project Manager: Friedel
 Project Manager Phone: (217) 785-5736
 Email: Melinda.Friedel@illinois.gov
 PRP Name: City of Chicago, Department of Aviation
 PRP Contact: Kenneth Lee
 PRP Address: P.O. Box 66142
 PRP City,St,Zip: Chicago, IL 60666
 PRP Phone: Not Reported
 Site Classification: HIGH
 Section 57.5(g) Letter: 732
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: Not Reported
 45 Report Received: 2004-04-14

MAP FINDINGS

AVIATION SERVICE GROUP, 5320 WEST 63RD ST., CHICAGO, IL 60638 (Continued)

NFA/NFR Letter: Not Reported
 NFR Date Recorded: Not Reported
 Heating Oil Date: Not Reported
 Non-Lust LR Date: Not Reported

 Incident Num: 922212
 IL EPA Id: 316560009
 Product: Jet Fuel
 IEMA Date: 1992-08-12
 Project Manager: Friedel
 Project Manager Phone: (217) 785-5736
 Email: Melinda.Friedel@illinois.gov
 PRP Name: City of Chicago, Department of Aviation
 PRP Contact: Kenneth Lee
 PRP Address: P.O. Box 66142
 PRP City,St,Zip: Chicago, IL 60666
 PRP Phone: Not Reported
 Site Classification: HIGH
 Section 57.5(g) Letter: 732
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: Not Reported
 45 Report Received: 2004-04-14
 NFA/NFR Letter: Not Reported
 NFR Date Recorded: Not Reported
 Heating Oil Date: Not Reported
 Non-Lust LR Date: Not Reported

CHICAGO, CITY OF DEPT. OF AVIATION 5240 WEST 63RD ST., CHICAGO, IL, 60638			S104528742
▲ Q26	NE 1/10 - 1/3	(1515 ft. / 0.287 mi.)	State and tribal leaking storage tank lists
	5 ft. Higher Elevation	620 ft. Above Sea Level	

Worksheet:

LUST: State and tribal leaking storage tank lists

Incident Num: 981230
 IL EPA Id: 316560011
 Product: Gasoline
 IEMA Date: 1998-05-23
 Project Manager: Gebhardt
 Project Manager Phone: Not Reported
 Email: Not Reported
 PRP Name: City of Chicago, Dept. of Environment
 PRP Contact: Jim Glowa
 PRP Address: O'Hare Int'l AP, Term. 2, E-F Concourse, P.O. Box 66142
 PRP City,St,Zip: Chicago, IL 60666
 PRP Phone: 7736863711

MAP FINDINGS

CHICAGO, CITY OF DEPT. OF AVIATION, 5240 WEST 63RD ST., CHICAGO, IL 60638 (Continued)

Site Classification: NFA
 Section 57.5(g) Letter: 732
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: 1998-06-19
 45 Report Received: 1998-07-14
NFA/NFR Letter: 1999-06-17
 NFR Date Recorded: 1999-07-02
 Heating Oil Date: Not Reported
 Non-Lust LR Date: Not Reported

ATLANTIC AVIATION CORP. 5236 WEST 63RD STREET, CHICAGO, IL, 60621			S106527027
▲ Q27	NE 1/10 - 1/3	(1537 ft. / 0.291 mi.)	State and tribal leaking storage tank lists
	5 ft. Higher Elevation	620 ft. Above Sea Level	

Worksheet:

LUST: State and tribal leaking storage tank lists

Incident Num: 20021661
 IL EPA Id: 316645023
 Product: Gasoline, Jet Fuel
 IEMA Date: 2002-11-14
 Project Manager: Harlow
 Project Manager Phone: Not Reported
 Email: Not Reported
 PRP Name: Atlantic Aviation Corp.
 PRP Contact: Doug Shaw
 PRP Address: 233 Industrial Ave.
 PRP City,St,Zip: Tetenboro, NJ 07608
 PRP Phone: 2012887597
 Site Classification: Not Reported
 Section 57.5(g) Letter: Not Reported
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: 2002-11-22
 45 Report Received: 2002-12-26
NFA/NFR Letter: 2006-09-21
 NFR Date Recorded: 2006-10-16
 Heating Oil Date: Not Reported
 Non-Lust LR Date: Not Reported

Incident Num: 20041097
 IL EPA Id: 316560011
 Product: Jet Fuel
 IEMA Date: 2004-08-06
 Project Manager: Rothering
 Project Manager Phone: (217) 785-1858

MAP FINDINGS

ATLANTIC AVIATION CORP., 5236 WEST 63RD STREET, CHICAGO, IL 60621 (Continued)

Email: Scott.Rothering@illinois.gov
 PRP Name: City of Chicago, Department of Aviation
 PRP Contact: Ken Lee
 PRP Address: O'Hare Airport Terminal 2EF Concourse
 PRP City,St,Zip: Chicago, IL 60666
 PRP Phone: 7738380189
 Site Classification: Not Reported
 Section 57.5(g) Letter: Not Reported
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: 2004-09-07
 45 Report Received: 2004-12-17
NFA/NFR Letter: 2005-03-14
 NFR Date Recorded: 2005-04-15
 Heating Oil Date: Not Reported
 Non-Lust LR Date: Not Reported

Incident Num: 20041333
 IL EPA Id: 316560011
 Product: Other Petroleum
 IEMA Date: 2004-09-23
 Project Manager: Zuehlke
 Project Manager Phone: (217) 557-6937
 Email: Wayne.Zuehlke@illinois.gov
 PRP Name: City of Chicago, Department of Aviation
 PRP Contact: Ken Lee
 PRP Address: O'hare Airport Terminal #2, E-Concourse
 PRP City,St,Zip: Chicago, IL 60666
 PRP Phone: 7736863711
 Site Classification: Not Reported
 Section 57.5(g) Letter: Not Reported
 Date Section 57.5(g) Letter: Not Reported
 Non LUST Determination Letter: Not Reported
 20 Report Received: 2004-10-22
 45 Report Received: 2005-04-11
NFA/NFR Letter: 2008-04-01
 NFR Date Recorded: 2008-04-21
 Heating Oil Date: Not Reported
 Non-Lust LR Date: Not Reported

CHICAGO DEPARTMENT OF AVIATION 5214 WEST 63RD STREET, CHICAGO, IL, 60621			S105743910
▲ Q28	NE 1/10 - 1/3	(1666 ft. / 0.316 mi.)	State and tribal leaking storage tank lists
	5 ft. Higher Elevation	620 ft. Above Sea Level	

Worksheet:

LUST: State and tribal leaking storage tank lists

MAP FINDINGS

CHICAGO DEPARTMENT OF AVIATION, 5214 WEST 63RD STREET, CHICAGO, IL 60621 (Continued)

Incident Num: 20021682
IL EPA Id: 316685099
Product: Jet Fuel
IEMA Date: 2002-11-19
Project Manager: Barrett
Project Manager Phone: Not Reported
Email: Not Reported
PRP Name: Chicago Department of Aviation
PRP Contact: James Glowa
PRP Address: 5700 South Cicero
PRP City,St,Zip: Chicago, IL 60638
PRP Phone: 7736863711
Site Classification: Not Reported
Section 57.5(g) Letter: Not Reported
Date Section 57.5(g) Letter: Not Reported
Non LUST Determination Letter: Not Reported
20 Report Received: 2002-12-06
45 Report Received: 2003-01-21
NFA/NFR Letter: 2003-02-19
NFR Date Recorded: 2003-03-05
Heating Oil Date: Not Reported
Non-Lust LR Date: Not Reported

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
ENVIRONMENTAL RECORDS						
<i>Federal NPL site list</i>						
US	NPL	National Priority List	EPA	08/13/2018	10/04/2018	11/09/2018
US	Proposed NPL	Proposed National Priority List Sites	EPA	08/13/2018	10/04/2018	11/09/2018
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
<i>Federal CERCLIS list</i>						
US	SEMS	Superfund Enterprise Management System	EPA	08/13/2018	10/04/2018	11/16/2018
<i>Federal RCRA CORRACTS facilities list</i>						
US	CORRACTS	Corrective Action Report	EPA	03/01/2018	03/28/2018	06/22/2018
<i>Federal RCRA TSD facilities list</i>						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
<i>Federal RCRA generators list</i>						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
<i>Federal institutional controls / engineering controls registries</i>						
US	LUCIS	Land Use Control Information System	Department of the Navy	05/14/2018	05/18/2018	07/20/2018
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	07/31/2018	08/28/2018	09/14/2018
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	07/31/2018	08/28/2018	09/14/2018
<i>Federal ERNS list</i>						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/24/2018	09/25/2018	11/09/2018
<i>State and tribal - equivalent CERCLIS</i>						
IL	SSU	State Sites Unit Listing	Illinois Environmental Protection Agency	09/18/2018	09/19/2018	10/11/2018
<i>State and tribal landfill / solid waste disposal</i>						
IL	SWF/LF	Available Disposal for Solid Waste in Illinois - Solid Waste	Illinois Environmental Protection Agency	12/31/2017	07/26/2018	08/07/2018
IL	LF WMRC	Waste Management & Research Center Landfill Database	Department of Natural Resources	12/31/2001	10/06/2006	11/06/2006
IL	IL NIPC	Solid Waste Landfill Inventory	Northeastern Illinois Planning Commission	08/01/1988	08/01/1994	08/12/1994
IL	LF SPECIAL WASTE	Special Waste Site List	Illinois EPA	01/01/1990	06/17/2009	07/15/2009
IL	CCDD	Clean Construction or Demolition Debris	Illinois EPA	04/11/2018	05/01/2018	05/30/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
State and tribal leaking storage tank lists						
IL	LUST	Leaking Underground Storage Tank Sites	Illinois Environmental Protection Agency	10/23/2018	10/24/2018	11/20/2018
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/12/2018	05/18/2018	07/20/2018
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/10/2018	05/18/2018	07/20/2018
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
IL	LUST TRUST	Underground Storage Tank Fund Payment Priority List	Illinois EPA	06/06/2016	07/27/2016	10/18/2016
State and tribal registered storage tank lists						
IL	CHICAGO TANKS	CDPH Storage Tanks Listing	Department of Public Health	09/12/2018	09/18/2018	10/11/2018
IL	UST	Underground Storage Tank Facility List	Illinois State Fire Marshal	10/23/2018	10/24/2018	11/16/2018
IL	AST	Above Ground Storage Tanks	State Fire Marshal	07/02/2018	08/22/2018	09/11/2018
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/10/2018	05/18/2018	07/20/2018
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/12/2018	05/18/2018	07/20/2018
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017
State and tribal institutional control / engineering control registries						
IL	ENG CONTROLS	Sites with Engineering Controls	Illinois Environmental Protection Agency	10/02/2018	10/03/2018	10/11/2018
IL	Inst Control	Institutional Controls	Illinois Environmental Protection Agency	10/02/2018	10/03/2018	10/11/2018
State and tribal voluntary cleanup sites						
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
IL	SRP	Site Remediation Program Database	Illinois Environmental Protection Agency	10/02/2018	10/03/2018	10/11/2018
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
State and tribal Brownfields sites						
IL	BROWNFIELDS	Municipal Brownfields Redevelopment Grant Program Project De	Illinois Environmental Protection Agency	02/11/2010	07/31/2014	09/08/2014
IL	BROWNFIELDS	Redevelopment Assessment Database	Illinois Environmental Protection Agency	10/23/2018	10/24/2018	11/15/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2018	07/17/2018	10/05/2018
US	ROD	Records Of Decision	EPA	08/13/2018	10/04/2018	11/16/2018
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	08/13/2018	10/04/2018	11/16/2018
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	08/31/2018	09/25/2018	11/09/2018
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	09/21/2018	09/21/2018	11/09/2018
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	08/13/2018	10/04/2018	11/16/2018
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	Delisted NPL	National Priority List Deletions	EPA	08/13/2018	10/04/2018	11/09/2018
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	08/13/2018	10/04/2018	11/16/2018
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	HMRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/26/2018	03/27/2018	06/08/2018
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	09/21/2018	09/21/2018	11/09/2018
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	09/18/2018	09/18/2018	11/09/2018
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	11/31/2015	07/08/2015	10/13/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/01/2018	08/29/2018	10/05/2018
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	08/13/2018	10/04/2018	11/09/2018
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FTTS FTTS	FIFRA/ TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/ TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	ICIS	Integrated Compliance Information System	EPA	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	06/01/2017	06/09/2017	10/13/2017
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	RADINFO	Radiation Information Database	Environmental Protection Agency	10/02/2018	10/03/2018	11/09/2018
US	FINDS	Facility Index System/Facility Registry System	EPA	08/07/2018	09/05/2018	10/05/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	08/01/2018	08/22/2018	10/05/2018
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/17/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
IL	AIRS	Air Inventory Listing	Illinois EPA	09/18/2018	11/01/2018	11/16/2018
IL	ASBESTOS	ASBESTOS	Illinois EPA	10/01/2018	11/01/2018	11/20/2018
IL	BOL	Bureau of Land Inventory Database	Illinois Environmental Protection Agency	09/10/2018	09/14/2018	11/01/2018
IL	CDL	Meth Drug Lab Site Listing	Department of Public Health	10/15/2018	10/16/2018	11/15/2018
IL	CHICAGO ENV	Environmental Records Dataset	Chicago Department of Public Health	09/12/2018	09/18/2018	10/11/2018
IL	COAL ASH	Coal Ash Site Listing	Illinois EPA	10/01/2011	03/09/2012	04/10/2012
IL	DRYCLEANERS	Illinois Licensed Drycleaners	Drycleaner Environmental Response Trust Fund	08/19/2018	08/21/2018	09/11/2018
IL	Financial Assurance	Financial Assurance Information Listing	Illinois Environmental Protection Agency	12/14/2017	02/22/2018	03/12/2018
IL	HWAR	Hazard Waste Annual Report	Illinois EPA	12/31/2016	04/03/2018	05/22/2018
IL	IMPDMNT	Surface Impoundment Inventory	Illinois Waste Management & Research Center	12/31/1980	03/08/2002	06/03/2002
IL	NPDES	A Listing of Active Permits	Illinois EPA	04/16/2014	04/18/2014	05/20/2014
IL	PIMW	Potentially Infectious Medical Waste	Illinois EPA	09/18/2018	09/20/2018	10/11/2018
IL	SPILLS	State spills	Illinois EPA	09/12/2018	11/01/2018	11/16/2018
IL	IEMA SPILLS	Illinois Emergency Management Agency Spills	Illinois Emergency Management Agency	10/29/2018	10/31/2018	11/20/2018
IL	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	07/18/2012	01/03/2013	03/15/2013
IL	TIER 2	Tier 2 Information Listing	Illinois Emergency Management Agency	12/31/2017	08/10/2018	09/11/2018
IL	UIC	Underground Injection Wells	Illinois EPA	06/25/2018	09/04/2018	09/11/2018
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	04/01/2014	08/06/2014	01/29/2015
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/30/2017	06/19/2018	09/14/2018
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2018	09/11/2018	09/14/2018
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/02/2018	09/05/2018	09/14/2018
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/22/2018	08/22/2018	10/05/2018
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
IL	RGA HWS	Recovered Government Archive State Hazardous Waste Facility	Department of Natural Resources	07/01/2013	12/30/2013	
IL	RGA LF	Recovered Government Archive Solid Waste Facilities List	Illinois Environmental Protection Agency	07/01/2013	01/10/2014	
IL	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Illinois Environmental Protection Agency	07/01/2013	12/30/2013	

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
----	---------	-----------	-------------------	----------	-----------	-------------

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

REFRAID

APPENDIX J

Consultant Qualifications

DRAFT

George Kougias, MS, P.G.

*Senior Project Manager/
Senior Environmental Geologist*

20 Years' Experience
Joined GSG in 1997

Areas of Expertise:

Remedial Action Planning and Oversight
IEPA Site Remediation Program
Phase I and II Due Diligence Assessments
UST Removal and Closure
Asbestos and Lead-Based Paint Inspections

Education:

Master of Science,
Earth Science, Northeastern
Illinois University,
Chicago, Illinois

Bachelor of Science,
Geology, University of
Illinois, Chicago, Illinois

Training/Registrations:

Licensed Professional
Geologist, Illinois

Certified Professional
Geologist, AIPG

IDOT Documentation of
Contract Quantities
Certificate

IDOT PCC Level I Certification,
ACI/ IDOT

Licensed Asbestos Inspector,
IDPH

Licensed Lead Inspector, IDPH

Training/Registrations

Qualifications Summary:

Mr. Kougias has 20 years of experience in managing a diverse range of environmental, engineering, construction, geotechnical, and remediation related projects. His experience encompasses medium and large projects in the Illinois EPA Site Remediation (SRP) and Leaking Underground Storage Tank (LUST) Programs, Geotechnical engineering investigations, National Environmental Policy Act (NEPA) Assessments, and Phase I/II Environmental Due Diligence Assessments including Lead-Based Paint (LBP) and asbestos-containing material (ACM) inspections. He is responsible for the development of a full range of assessment planning documents including sampling plans, health and safety plans, standard operating procedures (SOPs) and quality assurance/quality control (QA/QC) plans as well as the preparation of design plans and specifications including remedial cost estimates, site management plans, closure plans, and bidding documents. Mr. Kougias has experience in coordinating construction/development and remediation oversight activities for new construction and renovation projects including schools, residential housing, commercial buildings, and public parks. He has worked on corporate, federal, state and local government projects for the Federal Aviation Administration, (FAA), General Services Administration (GSA) Illinois Capital Development Board (ICDB), Illinois Department of Transportation (IDOT), Chicago Housing Authority (CHA), Public Building Commission of Chicago (PBCC), and Chicago Public Schools (CPS).

Representative Project Experience:

Site Assessments/ Site Remediation Program (SRP)/ Remediation Oversight, Site Design Group, Mary Bartelme Park, Chicago IL

Project Manager

Managed a Site Remediation Program (SRP) project which involved the redevelopment of a former hospital site in to a public park. Managed the completion of numerous Assessments including Phase I, II and a Comprehensive Hazardous Materials Building Survey conducted in preparation for the planned building demolition and site construction. Developed abatement design and bid documents for the demolition phase and the construction phase for hazardous building materials (Asbestos, Lead, PCBs, chemical disposal, Universal Wastes), UST Removal and soil and water disposal. Reviewed contractor's submittals and supervised the implementation of the developed site demolition, site preparation and/or site remediation specifications. Enrolled the site with the Illinois EPA Site Remediation Program and secured a comprehensive "No Further Remediation" letter for the site.

Site Remediation Program (SRP)/ Remediation Oversight Activities, Chicago Public Schools, Albany Park School, Chicago IL

Project Manager

UST Removal Oversight/ Phase II ESA, Chicago Public Schools, Wellington/ Notre Dame High School, Chicago, IL

Project Manager

Provided oversight for the removal of one 10,000-gallon heating oil underground storage tank (UST) from Wellington/ Notre Dame High School. The project included supervising UST removal activities and directing the contractor's activities, oversight of soil removal activities, collecting soil samples from UST basin and wall, analyzing soil samples for chemicals of concern, comparing the soil analytical results to Illinois EPA Tiered Approach to Corrective Action Objectives (TACO) Tier 1 SROs for residential exposure routes, and preparation of an Underground Storage Tank Removal Letter Report. Mr. Kougias also managed a Phase II Environmental Site Assessment (ESA) at the site which included advancing a total of three soil borings to a maximum depth of 16 feet, determining chemicals of concern in the impacted soil, comparing the analytical results to the Illinois Environmental Protection Agency (IEPA) TACO Tier 1 Residential Objectives, and preparing a Limited Phase II ESA letter report summarizing site investigation activities.

Hazardous Material Remediation and Soil and UST Management Design, Chicago Public Schools, Wellington/ Notre Dame High School, Chicago, IL

Project Manager

Developed specific project specifications, procedures and protocols/guidelines for Asbestos, Lead Based Paint, Project Design, UST/AST, Soil Management and Disposal, and Backfill Acceptance for the site preparation and site construction phases. Reviewed contractor's submittals and supervised the implementation of the developed site demolition, site preparation and/or site remediation specifications.

Hazardous Material Survey, Chicago Public Schools, Wellington/ Notre Dame High School, Chicago, IL

Project Manager

Project Manager for Asbestos, Lead, and Hazardous materials building survey and abatement activities for the demolition of buildings present at a site scheduled for redevelopment as part of a school expansion. Managed and coordinated inspections and air sampling monitoring as well as preparing abatement design and specifications.

HUD Environmental Reviews, The Resurrection Project, Various Locations in the Back of The Yards Neighborhood, Chicago, Illinois

Project Manager

Project Manager for completion of Environmental Reviews for over 50 separate redevelopment parcels included in the HUD Neighborhood

Stabilization Program. Work was completed in accordance with the requirements outlined in 24 CFR Part 50. Reviewed readily available site-history information, environmental databases, and a site and vicinity walkover. Supervised the completion of the Environmental Review Reports (ERR) with sufficient evidence to issue a finding of Categorical Exclusion in accordance with §50.20.

Site Remediation Program (SRP), Chicago Public Schools, Juarez School, Chicago, Illinois

Project Manager

Project Manager for CPS for the purpose of entering the Juarez School proposed expansion site into the Site Remediation Program and ultimately obtaining a No Further Remediation (NFR) Letter. Developed field sampling plans for investigation of the sites and the delineation of the extent of contamination. Field activities included performance of electromagnetic survey, drilling and sampling of soil borings, geotechnical borings, installation of temporary monitoring wells, and groundwater sampling. Soil, groundwater, and geotechnical sampling was conducted following the SRP and IEPA requirements and guidelines. Authored Remedial Objectives Reports and Remedial Action Plan and Remedial Action Completion Reports per SRP requirements.

Site Remediation Program (SRP), City Of Chicago, South Chicago Park Development, Chicago, Illinois

Project Manager

Managed a comprehensive site investigation and associated regulatory reporting for the proposed park site. Scope included delineating vertical extent of impacted soil and groundwater at the site, identifying sources of contamination and extent of impacted materials associated with each contaminant exposure route, completing exposure assessment for contaminants of concern, and preparing a Comprehensive Site Investigation report in accordance with the Illinois EPA requirements.

Site Remediation Program (SRP), Various Clients and Locations

Project Manager

Project Manager for CSIs of numerous sites for the purpose of entering the sites in the Site Remediation Program and ultimately obtaining a No Further Remediation (NFR) Letter. Developed field sampling plans for investigation of the sites and the delineation of the extent of contamination. Field activities included performance of electromagnetic survey, drilling and sampling of soil borings, geotechnical borings, installation of temporary monitoring wells, and groundwater sampling. Soil, groundwater, and geotechnical sampling were conducted following the SRP and IEPA requirements and guidelines. Authored Remedial Objectives Reports and Remedial Action Plan and Remedial Action Completion Reports per SRP

requirements. The following is a list of sample projects:

- PBCC, Former Westinghouse HS, Chicago, IL
- TRP, Former Industrial property, Chicago IL
- CDOE, South Chicago Park, Chicago, IL
- CDOE, Union Park, Chicago, IL
- CHA, Residential property, Harrison Courts, Chicago, IL
- CHA, Residential property, Lathrop Housing, Chicago, IL
- CHA, Residential property, Loomis Courts, Chicago, IL
- PBC, Commercial properties, Beverly Library, Chicago, IL
- PBC, Vacant property, Bucktown Library, Chicago, IL
- PBC, Vacant property, NKKK Day Care Center, Chicago, IL
- PBC, Vacant property, Teacher Academy, Chicago, IL
- CPD, Park 542, Chicago, IL
- CHA, Britton Budd Apartments, Chicago, IL
- TRP, Casa Maravilla, Former Industrial property, Chicago IL
- TRP, Casa Morelos, Former Industrial property, Chicago IL
- CPS, Juarez HS Expansion- 1920 West 22nd Street, Chicago, IL
- CPS, Langston Hughes School –103rd Street, Chicago, IL
- CPS, Miles Davis Elementary School, 68th Street, Chicago, IL
- CPS, Albany Park Middle School, Chicago, IL
- CDOE, Vacant property, South Chicago Park, Chicago, IL
- PBC, Back of the Yards High School, Chicago, IL
- PBC, Kelly Curie Gage Park High School, Chicago, IL

NEPA Document Preparation, Alivio Medical Center, Future Development Site, Berwyn, Illinois

Project Manager

Responsible for performance of a NEPA Environmental Assessment (EA) of the property located at 3400 South Oak Park Avenue in Berwyn, Illinois. The EA document was prepared in accordance with the Council on Environmental Quality Regulations for (40 CFR Parts 1500-1508). Work included reviewing readily available site-history information, environmental databases, interviews, and a site and vicinity walkover. Provided the HRSA with sufficient evidence to issue a finding of No Significant Environmental Impact (FONSI).

Site Preparation/ Demolition/ Site Remediation Management MOTA, Industrial Property, American Linen Site, Chicago, IL

Project Manager

Provided demolition and site preparation/ remediation oversight during construction activities at sites where the potential for encountering hazardous materials and other recognized environmental conditions existed. Supervised hazardous materials building inspections/surveys and

development of project design and specifications. Reviewed contractor's submittals and supervised the implementation of the developed site demolition, site preparation and/or site remediation specifications. Coordinated inspection activities associated with new development/construction work including site demolition/site preparation and installation of new underground utilities, sub-grade inspection and stabilization, embankment placement and compaction, sub-base course placement, asphalt binder, and surface/sidewalks for the construction of commercial, residential multi-unit, and public works.

Construction/ Remediation Project Design Development and Project Management, Various Clients and Locations

Project Manager

Provided demolition and site preparation/remediation oversight during construction activities at various sites where the potential for encountering hazardous materials and other recognized environmental conditions existed. Supervised hazardous materials building inspections/surveys and development of project design and specifications. Reviewed contractor's submittals and supervised the implementation of the developed site demolition, site preparation and/or site remediation specifications. Coordinated inspection activities associated with new development/construction work including site demolition/site preparation and the installation of new underground utilities, sub-grade inspection and stabilization, embankment placement and compaction, sub-base course placement, asphalt binder and surface, and sidewalks, for the construction of commercial, residential multi-unit, and public works. The following is a list of sample projects:

Westinghouse School Campus Park, Chicago IL
 Chicago Park District, Park 542, Adams and Peoria, Chicago IL
 Proposed Fire Engine 109 site, Chicago IL
 Casa Morelos, Residential Development, Chicago IL
 Casa Maravilla, Residential Development, Chicago IL
 Residential Development, Arlington Heights IL
 Proposed Fire Engine 102 site, Chicago IL
 Pilsen-Little Village Community Mental Health Center, Chicago IL
 VA, Jesse Brown Medical Center Expansion, Chicago, IL
 MOTA, Industrial Property, American Linen Site, Chicago, IL

Phase I Environmental Site Assessment, Illinois Medical District Commission, District Development Area, Chicago, IL

Project Manager

Project Manager for numerous Phase I Environmental Site Assessments for residential, commercial, and industrial properties ranging in size from

single city lots to 35 city blocks.

Phase I Environmental Site Assessments, Various Locations

Project Manager

Project Manager for numerous Phase I Environmental Site Assessments for residential, commercial, and industrial properties ranging in size from single city lots to 35 city blocks. The following is a list of sample projects:

- CPD, Former UIC Medical Facility, Chicago, IL
- GSA, Federal Building, Akron, OH
- GSA, Federal Building, Cincinnati, OH
- GSA, Federal Building, Kalamazoo, MI
- GSA, Federal Building, Detroit MI
- GSA, Federal Building, Grand Rapids, MI
- PBCC, Langston Hughes Campus Park, Chicago, IL
- PBCC, New Kennedy-King College, Chicago, IL
- CPS, Westinghouse High School, Chicago, IL
- PBCC, Bucktown/ Wicker Branch Library, Chicago, IL
- PBCC, Beverly Branch Library, Chicago, IL
- PBCC, Fire Engine 102, Chicago, IL
- CPS, Miles Davis Elementary School, Chicago, IL
- CPS, Albany Park Middle School, Chicago, IL
- CPS, Benito Juarez High School Chicago, IL
- CPS, Juarez School Remote Parking Lot, Chicago, IL
- CHA, Loomis Courts, Chicago, IL
- CHA, Harrison Courts, Chicago, IL
- CHA, Lathrop Homes, Chicago, IL
- CHA, Britton Budd Apartments, Chicago, IL
- Illinois Medical District Commission, District Development Area, Chicago, IL

UST Removal/LUST Program, Chicago Public Schools, Schneider Elementary School, Chicago IL

Project Manager

Project Manager for the removal of an Underground Storage Tank at Schneider Elementary School. The site was enrolled in the LUST program for the issuance of a NFA/NFR Letter. Supervised UST and soil removal activities, reviewed contractor submittals, and prepared required Illinois EPA reports such as 20-Day, 45-Day, Site Investigation report, and Remediation Completion Report.

UST Removal/LUST Program, Grand Avenue Realignment, Chicago Public Building Commission, Chicago, Illinois

Project Manager

Responsible for managing the removal of USTs for numerous commercial clients and local government entities. Numerous sites were enrolled in the LUST program for the issuance of a NFA/NFR Letter. Supervised UST and soil removal activities, reviewed contractor submittals, and prepared required Illinois EPA reports such as 20-Day, 45-Day, Site Investigation report, and Remediation Completion Report.

UST Removal/LUST Program, Various Locations

Project Manager

Project Manager for the removal of USTs for numerous commercial clients and local government entities. Numerous sites were enrolled in the LUST program for the issuance of a NFA/NFR Letter. Supervised UST and soil removal activities, reviewed contractor submittals, and prepared required Illinois EPA reports such as 20-Day, 45-Day, Site Investigation report, and Remediation Completion Report. The following is a list of sample projects:

CPD, System Wide UST Removal, Chicago, IL
 PBC, OnWard House, Chicago, IL
 PBC, Vacant property, Bucktown Library, Chicago, IL
 PBC, Commercial property, Grand Ave. Realignment, Chicago, IL
 CHA, Vacant Property, 2822 South Calumet Avenue, Chicago, IL
 CPD, Washington Park, Chicago, IL
 IMDC, Industrial Property, ACME Barrel Co., Chicago, IL
 City of Des Plaines, 2665 Manheim Road TIF 6
 CHA, Trumbull Homes, Chicago, IL
 CHA, Wicker Park, Chicago, IL
 CHA, Greenview Apartments, Chicago, IL
 CHA, Campbell Apartments, Chicago, IL
 CHA, Altgeld Gardens, Chicago, IL
 IMDC, Industrial Property, ACME Barrel Co., Chicago, IL

Brownfield Pilot Program, Cook County/City of Harvey, Former Arco Research Facility CERCLA Site, Harvey IL

Project Manager

Senior Project Geologist and Project Manager for a number of Subsurface Investigations funded by the USEPA as a national pilot program under the Brownfield Pilot Program. Managed and coordinated field activities such as soil borings, monitoring well installation, soil and groundwater sampling, laboratory data interpretation, and report writing.

Brownfield Pilot Program, Cook County/ City of Dixmor, Wyman-Gordon Industrial Facility- CERCLA Site, Dixmor, IL

Senior Project Geologist & Project Manager

Managed subsurface investigations funded by the USEPA as a national pilot program under the Brownfield Pilot Program. Managed and coordinated field activities such as soil borings, monitoring well installation, soil and groundwater sampling, laboratory data interpretation, and report writing.

**Phase II Subsurface Investigation, Illinois Medical District Commission
ACME Barrel Co., Chicago, IL**

Project Manager

Soil borings and groundwater sampling were performed, soil and groundwater samples were collected and analyzed for the contaminants of concern in order to determine the presence and extent of contamination. Review of remedial alternatives and evaluation of cost estimates associated with respective alternatives was conducted and remediation plans were recommended, when needed.

Phase II Subsurface Investigations, Various Location

Project Manager

Project Manager for numerous Phase II ESAs performed in general accordance with ASTM E1903. Soil borings and groundwater sampling were performed and soil and groundwater samples were collected and analyzed for the contaminants of concern in order to determine the presence and extent of contamination. Review of remedial alternatives and evaluation of cost estimates associated with respective alternatives was conducted and remediation plans were recommended when needed. The following is a list of sample projects:

PBCC – Various Campus Parks

VA, Jesse Brown Medical Center, Chicago, IL

CHA, Residential property, Ogden Courts, Chicago, IL

CHA, Commercial Property, 833 W. 115th Street, Chicago, IL

CHA, Residential property, Lathrop Housing, Chicago, IL

CHA, Residential property, Loomis Courts, Chicago, IL

CHA, Ogden Courts, Chicago, IL

IMDC, Industrial Property, ACME Barrel Co., Chicago, IL

Geotechnical Investigation Projects, Various Clients and Locations

Project Manager

Project Manager and geologist for various geotechnical engineering investigations for construction projects ranging from multi-story public works buildings to commercial warehouses and multi-story residential complexes. The following is a list of sample projects:

- The Resurrection Project – La Casa Residential Development, 1801

S. Paulina, Chicago, IL

- CPS, Jones High School Expansion Project, Chicago IL
- CPS, Langston-Hughes School, 103rd Street and Wentworth Avenue, Chicago, IL
- PBCC, Beverly Branch Library Project, 1962 W. 95th St., Chicago, IL
- Chatham Plaza – South Holland and 83rd Street, Chicago, IL
- Patrolmen's Credit Union, West Washington and Loomis Street, Chicago, IL
- CPS, Juarez School Expansion- 1920 West 22nd Street, Chicago, IL
- Pilsen-Little Village Community Mental Health Center, 2312 South Damen Avenue, Chicago, IL
- Hispanic Regional Clinic, 3240-42 N. Milwaukee Avenue, Chicago, IL
- Enriquez Produce Expansion, 2418 South Blue Island, Chicago, IL
- CDOE, Stearns Quarry Closure – 28th Street and Halsted, Chicago, IL

Industrial Hygiene Services, Various Clients and Locations

Project Manager

Project Manager for hundreds of Asbestos, Lead, and Hazardous materials building survey and abatement projects. Completed inspections, air sampling monitoring, prepared abatement design and specifications, and completed numerous AHERA inspections and management plans for school projects. Involved in several projects dealing with exposure monitoring in occupational environments of industrial and construction settings. Airborne levels of target contaminants were monitored during various demolition/construction activities at key downwind locations to determine potential exposure and recommend appropriate engineering control methods. Conducted indoor air quality surveys of commercial and industrial facilities.

Construction Inspection, Greenwood Management, South Holland Road Construction Between 83rd and 87th Street, Chicago, IL

Project Manager

Coordinated construction inspection activities associated with the construction of New South Holland Road between 83rd and 87th Street. Construction work included the installation of new underground utilities, sub-grade inspection, embankment placement and compaction, sub-base course placement, asphalt binder and surface, sidewalks, and MSE retaining walls near the railroad embankment.

Construction Inspection, Greenwood Management, Sherman Plaza Construction 201 West 87th Street, Chicago, IL

Project Manager

Coordinated construction inspection activities associated with the new Sherman plaza construction. Construction work included the installation of

new underground utilities, sub- grade inspection and stabilization for the parking lot, embankment placement and compaction, sub-base course placement, asphalt binder and surface, sidewalks, and construction of multiple retail stores and one warehouse.

DRAFT