DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER
AND
ENGINEERING FIELD ACTIVITY, MIDWEST
BUILDING 1-A
2703 SHERIDAN ROAD, SUITE #120
GREAT LAKES, ILLINOIS 60088-5600

5090
Ser N45/ 000278
07 JUN 1999

Illinois Environmental Protection Agency
Bureau of Land #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Springfield, Illinois 62702

Subj: NAVAL TRAINING CENTER (NTC) – GREAT LAKES
BUILDING 239, IEMA INCIDENT #990527
IEPA GENERATOR #0971255004

Ladies and Gentlemen:

Attached is the 45 Day Report for the Leaking Underground Storage (LUST) Program for the subject site/building.

Contaminated soils were encountered during removal of three (3) underground storage tanks at Building 239 on March 12, 1999. The piping systems connected to the tanks and the tanks themselves were found to be in poor condition. As a result, the surrounding soil was contaminated with #2 diesel fuel and waste oils.

The point of contact is Mr. JP Messier at (847) 688-5999 extension 51.

Sincerely,

Mark Schultz
MARK SCHULTZ
Director, Environmental Department
By direction of
the Commanding Officer

Enclosure: 1. 45 Day Report

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 - 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation in any application, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/57.17). This form has been approved by the Forms Management Center.

Underground Storage Tank Owner/Operator:

Please indicate below the type of plan/report that is being submitted to the Agency at this time. This form must be attached to all plans and reports submitted to the Agency pursuant to 35 Ill. Adm. Code 732 and 415 ILCS 5/57-57.17. Please check all that apply.

20 Day Certification	____
45 Day Report	X
Free Product Removal Report	____

	Initial Submittal	Amended Submittal
Site Classification Plan	____	____
Site Classification Plan Budget	____	____
Site Classification Completion Report	____	____
Groundwater Monitoring Plan (Low Priority)	____	____
Groundwater Monitoring Plan Budget (Low Priority)	____	____
Groundwater Monitoring Results (Low Priority)	____	
Professional Engineer Certification (Low Priority)	____	____
Corrective Action Plan (High Priority)	____	____
Corrective Action Plan Budget (High Priority)	____	____
Corrective Action Completion Report (High Priority)	____	____
Professional Engineer Certification (High Priority)	____	____
Corrective Action Completion Report (35 IAC Section 732.300(b), 732.400(b) or (c)	____	____
Professional Engineer Certification (35 IAC Section 732.300(b), 732.400(b) or (c)	____	____

I certify under penalty of law that this document was prepared by me or under my direction or supervision. This information is to the best of my belief and knowledge, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine for knowing violations.

Owner	Operator
Name: Department of the Navy Mark Schultz Naval Training Center (NTC) Environmental Department	Name: SAME
Title: Head, Environmental Dept.	Title:
Signature: Mark Schultz	Signature:
Date: June 7, 1999	Date:

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 - 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/57.17). This form has been approved by the Forms Management Center.

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
45 Day Report

A. Site Identification

IEMA Incident # (6 digit): 990527 IEPA Generator # (10 digit): 0971255004

Site Name: Building 239

Site Address (Not a P.O. Box): Naval Training Center (NTC), Great Lakes-Envir. Dept.

City: Great Lakes County: Lake

B. Release Information

1. Will the owner/operator seek reimbursement from the Underground Storage Tank Fund? Yes___ No X

2. Identify the material(s) released: Diesel Fuel
   Waste Oil

3. The material(s) released was (check all that apply):

   a. Petroleum X
   b. Nonpetroleum ___

4. Is this report intended to serve as theCorrective Action Completion Report? Yes___ No X

C. Early Action

1. What was the volume of backfill material excavated? 600 yds^3

2. What was the volume of native soil excavated? 0 yds^3

3. Was groundwater encountered at the site? Yes___ No X

4. Did the groundwater exhibit a sheen? Yes___ No___ N/A X

5. Was free product encountered? Yes___ No X
   If Yes, the owner/operator must submit a free product removal report.

IL 532 0277
LPC 503 Rev. Dec-96

2. An area map showing the site in relation to surrounding properties. This map should identify the facilities on the surrounding properties;

3. A cross section, to scale, with dimensions showing the UST(s) and the excavation;

4. Analytical/screening results in tabular format;

5. UST(s) information in a tabular format and that at a minimum includes:

   a. The total number of UST(s) on site;
   b. The volume of the UST(s) (in gallons);
   c. The material stored in the UST(s);
   d. Identification of UST system(s) that had a release;
   e. Identification of UST system(s) that were repaired, removed, or abandoned-in-place.

6. A copy of the Office of the State Fire Marshal Permit for Removal, Abandonment-in-Place or other OSFM permits or notifications;

7. A narrative of tank removal and cleaning operations; describe how wastes generated during the tank removal were managed, treated, and disposed;

8. Photographs of UST removal activities and the excavation;

9. Copies of manifests for soil and groundwater transported off-site.

F. Signatures

I certify under penalty of law that this report, supporting documents and all attachments were prepared under my direction or supervision. To the best of my knowledge and belief, this report, supporting documents and all attachments are 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		Operator	
Name:	Department of the Navy Mark Schultz Naval Training Center (NTC) Environmental Department	Name:	SAME
Title:	Head, Environmental Dept.	Title:	
Address:	201 Decatur Ave. Building 1A Great Lakes, IL 60088	Address:	
Phone:	(847) 688-5999 x51	Phone:	
Signature:	Mark Schultz	Signature:	
Date:	June 7, 1999	Date:	

45 DAY REPORT

FOR

BUILDING 239, NAVAL TRAINING CENTER
GREAT LAKES, ILLINOIS

IEMA INCIDENT NO. 990527
NTC GENERATOR NO. 0971255004

ENVIRONMENTAL JOB ORDER CONTRACT (EJOC)

Submitted to:

Department of the Navy
Naval Training Center (NTC) – Environmental Department
Building 1-A, 201 Decatur Avenue
Great Lakes, Illinois 60088-5600

Submitted by:

TOLTEST, INC.
1915 N. 12th Street
P.O. Box 2186
Toledo, Ohio 43603
(419-241-7175)

JUNE 1999

TOLTEST, INC.

D. SITE INFORMATION

1. Data on the Nature and Estimated Quantity of the Release

The source of the releases surrounding the two-diesel fuel USTs (20,000 gallon) and one waste oil UST (500 gallon) appeared to be periodic overfilling. No accurate records exist which define the quantity of fuel and/or waste oil released. During UST removal activities, soils were determined to be impacted from both the diesel USTs and waste oil UST. When the waste oil UST was uncovered it was determined to have been connected to an oil/water interceptor, which was also removed as part of the project. According to Naval Training Center Environmental representatives, the interceptor was used to separate the oil from bilge water, which was periodically pumped during training exercises. The water was discharged to a sanitary sewer in close proximity to the site and the oil gravity drained to the waste oil tank.

Diesel typically has a specific gravity (SG) of 0.85, and water has a SG of 1.0, therefore, diesel will float on water. Diesel is complex, homogenous mixture of several hundred organic compounds (hydrocarbons). The four major chemical groups of hydrocarbon compounds that compose diesel and paraffins (alkanes), olefins (alkenes), naphthalenes (cyclohexanes and cyclopentanes), and aromatics (compounds with a benzene ring). Diesel can be found in four phases in the subsurface: separate-phase liquid, vapor phase, dissolved or water phase, and adsorbed phase.

Approximately 600 cubic yards of petroleum impacted soils were stockpiled separately from non-impacted soils. Impacted soils were transported off-site for disposal at the Waste Management, Inc. landfill located in Bristol, Wisconsin.

2. Data from available sources or site investigations concerning the following factors

a. Surrounding Populations

The site property is located at the Great Lakes Naval Training Center (NTC), Building 239, Great Lakes, Lake County, Illinois. Building 239 is located in Section 4, Township 44 North, Range 12 East.

Land use in the area surrounding Building 239 consists of NTC property. A public highway (Sheridan Road) borders the West Side of the NTC property. Sheridan Road is approximately 400 feet from the site. Lake Michigan borders the East Side of the NTC property. The lake is approximately ½ mile from the site. Figure 3 shows a site map of the NTC property. Also, water wells are located around the surrounding area

b. Water Quality

The Great Lakes Naval Training Center, which includes Building 239, is served by the water treatment plant and operated solely by the NTC base and for the base. Ground water was not encountered during UST removal activities.

c. Use and approximate locations of wells potentially affected by the release

Visual observations and a review of existing site maps indicated there are no public, commercial or industrial water wells surrounding Building 239. The Illinois Geological Survey responded that there are no registered water wells within the site quadrant section and the adjacent quadrant section, which encompasses a 2,500 feet radius from the site location. (See Attachment 6 for the surrounding area water well locations).

d. Subsurface Soil Conditions

Soils in the immediate area of the UST excavation were observed as 1-foot thick top soil followed by dense tan to brown silty clay fill with gravel to a depth of 17 feet. Dense brown to light gray clay soils were encountered in the excavation at a depth greater than 17 feet below grade. The excavation cavity ranged from 13 feet in depth to 17 feet in depth. The waste oil tank was located in the area of the excavation at 13 feet in depth. The two diesel tanks were located in the area of the excavation at 17 feet in depth.

e. Locations of Subsurface Sewers

Storm water sewers and manholes are located within 20 feet of the UST excavation area. These sewers were not encountered during excavation activities. However, to keep Building 239 training operation in service, a new section of the sanitary sewer line was attached to the bilge drain line. The water discharges to the sanitary sewer due to current operations not requiring the interceptor. Inspection of manholes and visible portions of the subsurface sewers did not find any impact from UST releases. Figure 1, General Site Location Map, illustrates the storm and sanitary sewer locations.

f. Climatological Conditions

The Great Lakes Naval Training Center is located in an area of the Midwest that typically sees between 35 and 40 inches of precipitation per year. Temperatures average around 30°F during winter months and around 77°F during summer months. The weather during UST removal activities ranged between 25°F and 45°F with no appreciable precipitation.

g. **Land Use**

The site property contains the boiler training facility (Building 239). One 500 gallon waste oil and two 20,000 gallon diesel tanks were located on the West Side of Building 239. The area surrounding the site consists of NTC property. Land use is industrial to the north, south, and west of the site, Lake Michigan borders the property to the east.

3. **A Discussion of what was done to Measure for the Presence of a Release Where Contamination was Most Likely to be Present at the Site**

The diesel fuel UST's were installed end-to-end in the same excavation. The waste oil UST was situated immediately to the north and perpendicular to the diesel tanks. As soil was being excavated for removal of the USTs, a release was determined through visual and olfactory observations. Impacted soils were found to be present immediately above and beneath each of the USTs. The soils under the pipelines from the diesel tanks to Building 239 was removed and staged as petroleum contaminated soil. This soil was classified as petroleum contaminated soil based on high photoionization detector readings. The impact from the release appeared to be limited to the area of the UST excavation. This is primarily due to the presence of dense clay soils and fill. Impacted soil (visual and olfactory) was over excavated from the area surrounding the three USTs. Twenty-nine soil samples were collected to measure for the presence of a release within the excavated area. The excavation was backfilled with clean material.

The removal actions generated approximately 600 cubic yards of contaminated soil. The soil was transported to the Pheasant Run Landfill in St. Bristol, Wisconsin. Navy personnel reviewed and signed each manifest prior to transportation to the landfill and was disposed of at a non- regulated, non-hazardous (petroleum contaminated soil) classification. A copy of the manifests can be found in Attachment 5.

Associated with the UST removal, an underground four-inch diesel transfer line, which connected the UST's from Building 229 (Incident No. 990458) to Building 239 was removed. The transfer line was insulated with asbestos, which was contained inside a larger outside conduit. A licensed asbestos abatement firm (United Enviro-Tech) was utilized to abate and remove the transfer line. The transfer line was cut into eight-foot sections and loaded into lined containers. The containers were transported to the Pheasant Run Disposal Facility in Bristol, Wisconson. The OSFM representative inspected

the pipe trench after the pipeline was removed. There were no visual signs of a petroleum release. Prior to the removal, the line was drained and purged. Periodically throughout the removal of the line, LEL reading were taken with results always below OSHA action levels. Twenty-three samples were collected and analyzed for BTEX and PNA's. A copy of the analytical report can be found in Attachment 1.

4. The Results of the Free Product Investigation

Free product was not encountered during removal of the USTs at Building 239. Impacted soils contained a petroleum odor and were visibly stained. These soils were removed.

5. A Discussion of the Action Taken to Prevent Further Release of the Regulated Substance into the Environment

The USTs were permanently removed by TolTest, Inc. Visually impacted soils were removed and transported to the Waste Management Landfill in Bristol, WI. The excavation, 100' by 30' by 17', was backfilled to within 1 foot from the surface with clean clay material. The clay was compacted in 8-inch lifts. The final 1-foot was filled with compatible gravel.

6. A Discussion of the Action Taken to Mitigate Fire and Safety Hazards Posed by Vapors or Free Product that has mitigated from the UST Excavation Zone and Entered Subsurface Structures

Personnel assigned to Building 239 have not historically reported any vapors or odors in this building. No recent reports of vapors have been made since the USTs were removed between March 12, and March 15, 1999. Personnel from the building were questioned and didn't appear to notice vapors at any time while the tanks were in operation or after the tanks were removed.

7. Any Other Information Collected While Performing Initial Abatement Measures Pursuant to 35 ill. Adm. Code Section 731.162 OR 732.202(b).

A notice of spill incident (990527) dated March 11, 1999 was generated by the Navy and submitted to the Illinois Emergency Management Agency (IEMA).

E. SUPPORTING DOCUMENTATION

1. Site Map to Scale and Oriented North Showing:

a. UST(s) Systems(s) and Excavation Limits;

Figure 2, Site Sample Location Map illustrates the location of the UST system relative to Building 239, and the approximate excavation limits.

b. **Product and Dispenser Lines**

Product lines for the two 20,000 gallon diesel fuel USTs were found to be 4-inch diameter black malleable iron piping for fill and for generator and boiler supply and return lines. The waste oil drain line associated with the 500-gallon waste oil UST was also found to be 4-inch diameter black malleable iron piping. No dispensers or dispenser lines were associated with any of the USTs. Locations of product lines are illustrated on Figure 1, General Site Location Map.

c. **Pumps and Islands**

No pumping equipment or fuel dispenser island equipment was associated with any of the USTs.

d. **Underground Utilities (sewer, gas, water, etc.);**

Underground utilities located in the immediate vicinity of the UST excavation included an 8-inch diameter sanitary sewer drain and a 36-inch diameter storm sewer line with drainage feeder lines and manholes. Available information has been illustrated on Figure 1, General Site location Map.

e. **Nearby Structures (buildings, roads, etc.)**

Figure 2, Site Sample Location Map, indicates nearby site features and building structures.

f. **Soil Boring(s) (if present)**

No soil borings have been drilled for this UST removal project.

g. **Monitoring Well(s) and/or Sumps (if present);**

No monitoring wells and/or sumps exist at Building 229.

h. **Property Boundaries**

Property boundaries near Building 239 are located approximately 300 feet to the west of the UST excavation area. The property line is parallel to Sheridan Road and marked by an 8-foot high security fence. This is illustrated in Figure 3, Site Boundary Map.

I. **Sample Location Points**

Sample location points are indicated on Figure 2, Site Sample Location Map.

2. AREA MAP

Figure 3, Area Map shows the Building 239 and UST removal area in relation to surrounding properties and facilities.

3. CROSS SECTION

Figure 4, Cross Section, illustrates to scale and with dimensions, the USTs, and the excavation area.

4. ANALYTICAL/SCREENING RESULTS

Attachment 1 contains a copy of the Laboratory Analytical Reports.

5. UST(s) INFORMATION IN TABULAR FORMAT

UST #	Volume (gallon)	Product	Status
Steel-23T4	18,748	#2 Diesel Fuel	Removed March 12, 1999
Steel-23T5	18,748	#2 Diesel Fuel	Removed March 12, 1999
Steel-23T29	500	Waste oil	Removed March 12, 1999

6. OFFICE OF THE STATE FIRE MARSHAL PERMIT's, NOTIFICATIONS IEPA LUST FORMS

The Office of State Fire Marshall UST Removal Permit, 20-Day Certification, and Notification of Removal Form are contained in Attachment 2.

7. TANK REMOVAL AND CLEANING OPERATIONS

UST removal, cleaning and disposal activities were conducted over a three-day period from March 12, 1999 to March 15, 1999. UST(s) were drained and purged of vapors by vacuum induced air displacement prior to removal. LEL readings for each of the three USTs were below 2% immediately before removal. UST removal was accomplished using a midsize tracked excavator with steel cables. Following removal, each UST was cleaned. Two holes were cut in each tank end using pneumatic drilling and sheet metal cutting equipment. Once the ends of each UST were removed, the USTs were power washed and cleaned thoroughly. Each tank was scrapped at the Cleveland Corporation scrap metal yard located at 42810 N. Green Bay Road in Zion, Illinois. Scrap metal certificate of destruction paperwork is contained in Attachment 3.

8. PHOTOGRAPHS OF UST REMOVAL ACTIVITIES AND EXCAVATION

Photographs documenting Building 239 UST removal activities and the excavation are presented in Attachment 4, Photographic Log.

9. MANIFESTS FOR SOIL AND GROUNDWATER

Manifests are contained in Attachment 5 and include documentation for disposal of impacted soils, UST rinseate and washwater, and residual product and waste oil. These materials were transported off-site for disposal. No groundwater was encountered.

ATTACHMENT 1

LABORATORY ANALYTICAL REPORTS AND TIER 1 COMPARISON TABLES

TOLTEST, INC.

pH Specific Remediation Objectives for Inorganics

For

Waste Oil Tank Excavation Samples

TOLTEST, INC.

pH Soil Specific Remediation Objectives for Inorganics

Waste Oil Excavation Analytical Results (Metals)
EPA Method 3050B/6010B (Mercury EPA Method 7471)

Target Analyte	Method Detection Limit	UST-001	UST-002	UST-003	UST-004	UST-005	UST-006	Tier 1 - "Site Component of the Groundwater Ingestion Route"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Arsenic	2.5	ND	ND	ND	ND	ND	ND	31	120	3	1,200
Barium	25	ND	38	30	34	ND	ND	2100	2100	140,000	910,000
Cadmium	0.05	ND	ND	ND	ND	ND	ND	430	4300	200	2,800
Chromium	0.5	6.8	14	8	15	7.1	6.2	28	N/A	10,000	420
Lead	1	6.8	8.2	7.3	8.1	6.6	5.8	N/A	N/A	400	N/A
Mercury	0.04	ND	0.069	0.04	0.042	0.043	0.05	8	40	610	540,000
Selenium	0.5	0.53	ND	ND	0.57	ND	ND	2.4	2.4	10,000	N/A

ND = Non - Detect
N/A = No toxicity data available for the route of exposure
Note - Refer to Figure 2 for sample locations

Information obtained from IAC 742, Appendix B. Tables C and D. Tables C and D compare the above specified analytes based on the pH to remediation objectives.

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest
012 Grey Stem Circle STE 306
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Sample Descript: Soil: UST1
Lab Number: 9030389-03

Sampled: Mar 15, 1999
Received: Mar 18, 1999
Analyzed: Mar 26-29, 1999
Reported: Apr 1, 1999

RCRA METALS

Analyte	EPA Method	Detection Limit mg/kg	Sample Results mg/kg
Arsenic	3050B/6010B	2.5	N.D.
Barium	3050B/6010B	25	N.D.
Cadmium	3050B/6010B	0.50	N.D.
Chromium	**3050B/6010B**	**0.50**	**6.8**
Lead	**3050B/6010B**	**1.0**	**6.8**
Mercury	7471	0.040	N.D.
Selenium	**3050B/6010B**	**0.50**	**0.53**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <1>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest	Client Project ID:	35374.01	Sampled: Mar 15, 1999
12 Grey Stem Circle STE 306	Sample Descript:	Soil: UST2	Received: Mar 18, 1999
Gurnee, IL 60031			
Attention: Jeff Tinney	Lab Number:	9030389-04	Analyzed: Mar 26-29, 1999
			Reported: Apr 1, 1999

RCRA METALS

Analyte	EPA Method	Detection Limit mg/kg	Sample Results mg/kg
Arsenic	3050B/6010B	2.5	N.D.
Barium	**3050B/6010B**	**25**	**38**
Cadmium	3050B/6010B	0.50	N.D.
Chromium	**3050B/6010B**	**0.50**	**14**
Lead	**3050B/6010B**	**1.0**	**8.2**
Mercury	**7471**	**0.040**	**0.069**
Selenium	3050B/6010B	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <2>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest
912 Grey Stem Circle STE 306
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Sample Descript: Soil: UST3
Lab Number: 9030389-05

Sampled: Mar 15, 1999
Received: Mar 18, 1999
Analyzed: Mar 26-29, 1999
Reported: Apr 1, 1999

RCRA METALS

Analyte	EPA Method	Detection Limit mg/kg	Sample Results mg/kg
Arsenic	3050B/6010B	2.5	N.D.
Barium	**3050B/6010B**	**25**	**30**
Cadmium	3050B/6010B	0.50	N.D.
Chromium	**3050B/6010B**	**0.50**	**8.0**
Lead	**3050B/6010B**	**1.0**	**7.3**
Mercury	**7471**	**0.040**	**0.040**
Selenium	3050B/6010B	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <3>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest
12 Grey Stem Circle STE 306
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Sample Descript: Soil: UST4
Lab Number: 9030389-06

Sampled: Mar 15, 1999
Received: Mar 18, 1999
Analyzed: Mar 26-29, 1999
Reported: Apr 1, 1999

RCRA METALS

Analyte	EPA Method	Detection Limit mg/kg	Sample Results mg/kg
Arsenic	3050B/6010B	2.5	N.D.
Barium	3050B/6010B	25	34
Cadmium	3050B/6010B	0.50	N.D.
Chromium	3050B/6010B	0.50	15
Lead	3050B/6010B	1.0	8.1
Mercury	7471	0.040	0.042
Selenium	3050B/6010B	0.50	0.57

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <4>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest
912 Grey Stem Circle STE 306
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Sample Descript: Soil: UST5
Lab Number: 9030389-07

Sampled: Mar 15, 1999
Received: Mar 18, 1999
Analyzed: Mar 26-29, 1999
Reported: Apr 1, 1999

RCRA METALS

Analyte	EPA Method	Detection Limit mg/kg	Sample Results mg/kg
Arsenic	3050B/6010B	2.5	N.D.
Barium	3050B/6010B	25	N.D.
Cadmium	3050B/6010B	0.50	N.D.
Chromium	**3050B/6010B**	**0.50**	**7.1**
Lead	**3050B/6010B**	**1.0**	**6.6**
Mercury	**7471**	**0.040**	**0.043**
Selenium	3050B/6010B	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <5>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest	Client Project ID:	35374.01	Sampled: Mar 15, 1999
12 Grey Stem Circle STE 306	Sample Descript:	Soil: UST6	Received: Mar 18, 1999
Gurnee, IL 60031			
Attention: Jeff Tinney	Lab Number:	9030389-08	Analyzed: Mar 26-29, 1999
			Reported: Apr 1, 1999

RCRA METALS

Analyte	EPA Method	Detection Limit mg/kg	Sample Results mg/kg
Arsenic	3050B/6010B	2.5	N.D.
Barium	3050B/6010B	25	N.D.
Cadmium	3050B/6010B	0.50	N.D.
Chromium	3050B/6010B	0.50	6.2
Lead	3050B/6010B	1.0	5.8
Mercury	7471	0.040	0.050
Selenium	3050B/6010B	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <6>

Tier 1 Table Remediation Objectives (TCLP Metals)

For

Waste Oil Tank Excavation Samples

TOLTEST, INC.

TIER 1 RESIDENTIAL TABLE

Waste Oil Excavation Analytical Results (Metals)
EPA Method 3050B/6010B (Mercury EPA Method 7471)

Target Analyte	Method Detection Limit	UST-001	UST-002	UST-003	UST-004	UST-005	UST-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Class I mg/L	Class II mg/L	Ingestion mg/kg	Inhalation mg/kg
Arsenic	0.05	ND	ND	ND	ND	ND	ND	0.05	0.2	0.4	750
Barium	2	ND	ND	ND	ND	ND	ND	2	2	5,500	690,000
Cadmium	0.01	ND	ND	ND	ND	ND	ND	0.005	0.05	78	1,800
Chromium	0.01	ND	ND	ND	ND	ND	ND	0.1	1	390	270
Lead	0.005	ND	ND	ND	0.011	ND	ND	0.0075	0.1	400	*
Mercury	0.002	ND	ND	ND	ND	ND	ND	0.002	0.01	23	10
Selenium	0.01	ND	ND	ND	ND	ND	ND	0.05	0.05	390	*
Silver	0.05	ND	ND	ND	ND	ND	ND	0.05	*	390	*

ND = Non - Detect
* = No toxicity data avaliable for the route of exposure
Note - Refer to Figure 2 for sample locations

TIER 1 INDUSTRIAL/COMMERCIAL TABLE

Waste Oil Excavation Analytical Results (Metals)
EPA Method 3050B/6010B (Mercury EPA Method 7471)

Target Analyte	Method Detection Limit	UST-001	UST-002	UST-003	UST-004	UST-005	UST-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Class I mg/L	Class II mg/L	Ingestion mg/kg	Inhalation mg/kg
Arsenic	0.05	ND	ND	ND	ND	ND	ND	0.05	0.2	3	1,200
Barium	2	ND	ND	ND	ND	ND	ND	2	2	140,000	910,000
Cadmium	0.01	ND	ND	ND	ND	ND	ND	0.005	0.05	200	2,800
Chromium	0.01	ND	ND	ND	ND	ND	ND	0.1	1	10,000	420
Lead	0.005	ND	ND	ND	0.011	ND	ND	0.0075	0.1	400	*
Mercury	0.002	ND	ND	ND	ND	ND	ND	0.002	0.01	610	540,000
Selenium	0.01	ND	ND	ND	ND	ND	ND	0.05	0.05	10,000	*
Silver	0.05	ND	ND	ND	ND	ND	ND	0.05	*	10,000	*

ND = Non - Detect
* = No toxicity data avaliable for the route of exposure
Note - Refer to Figure 2 for sample locations

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled: Mar 15, 1999
12 Greystem Circle STE 306	Sample Descript:	TCLP Extract: UST-001	Relogged: May 6, 1999
Gurnee, IL 600331			Extracted: May 12, 1999
Attention: Jeff Tinney	Lab Number:	9050086-01	Analyzed: May 13, 1999
			Reported: May 14, 1999

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP): METALS

Analyte	EPA Method	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	3015/7060	0.050	N.D.
Barium	3015/6010	2.0	N.D.
Cadmium	3015/6010	0.010	N.D.
Chromium	3015/6010	0.010	N.D.
Lead	3015/7421	0.0050	N.D.
Mercury	7470	0.0020	N.D.
Selenium	3015/7740	0.010	N.D.
Silver	3015/6010	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

905008601.TTT <1>

GREAT LAKES ANALYTICAL

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Toltest
12 Greystem Circle STE 306
Gurnee, IL 600331
Attention: Jeff Tinney

Client Project ID: 35374.01
Sample Descript: TCLP Extract: UST-002
TCLP Metals
Lab Number: 9050086-02

Sampled: Mar 15, 1999
Relogged: May 6, 1999
Extracted: May 12, 1999
Analyzed: May 13, 1999
Reported: May 14, 1999

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP): METALS

Analyte	EPA Method	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	3015/7060	0.050	N.D.
Barium	3015/6010	2.0	N.D.
Cadmium	3015/6010	0.010	N.D.
Chromium	3015/6010	0.010	N.D.
Lead	3015/7421	0.0050	N.D.
Mercury	7470	0.0020	N.D.
Selenium	3015/7740	0.010	N.D.
Silver	3015/6010	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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905008601.TTT <2>

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
12 Greystem Circle STE 306	Sample Descript:	TCLP Extract: UST-003	Relogged:	May 6, 1999
Gurnee, IL 600331		TCLP Metals	Extracted:	May 12, 1999
Attention: Jeff Tinney	Lab Number:	9050086-03	Analyzed:	May 13, 1999
			Reported:	May 14, 1999

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP): METALS

Analyte	EPA Method	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	3015/7060	0.050	N.D.
Barium	3015/6010	2.0	N.D.
Cadmium	3015/6010	0.010	N.D.
Chromium	3015/6010	0.010	N.D.
Lead	3015/7421	0.0050	N.D.
Mercury	7470	0.0020	N.D.
Selenium	3015/7740	0.010	N.D.
Silver	3015/6010	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

905008601.TTT <3>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
912 Greystem Circle STE 306	Sample Descript:	TCLP Extract: UST-004	Relogged:	May 6, 1999
Gurnee, IL 600331		TCLP Metals	Extracted:	May 12, 1999
Attention: Jeff Tinney	Lab Number:	9050086-04	Analyzed:	May 13, 1999
			Reported:	May 14, 1999

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP): METALS

Analyte	EPA Method	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	3015/7060	0.050	N.D.
Barium	3015/6010	2.0	N.D.
Cadmium	3015/6010	0.010	N.D.
Chromium	3015/6010	0.010	N.D.
Lead	**3015/7421**	**0.0050**	**0.011**
Mercury	7470	0.0020	N.D.
Selenium	3015/7740	0.010	N.D.
Silver	3015/6010	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
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905008601.TTT <4>

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
12 Greystem Circle STE 306	Sample Descript:	TCLP Extract: UST-005	Relogged:	May 6, 1999
Gurnee, IL 600331		TCLP Metals	Extracted:	May 12, 1999
Attention: Jeff Tinney	Lab Number:	9050086-05	Analyzed:	May 13, 1999
			Reported:	May 14, 1999

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP): METALS

Analyte	EPA Method	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	3015/7060	0.050	N.D.
Barium	3015/6010	2.0	N.D.
Cadmium	3015/6010	0.010	N.D.
Chromium	3015/6010	0.010	N.D.
Lead	3015/7421	0.0050	N.D.
Mercury	7470	0.0020	N.D.
Selenium	3015/7740	0.010	N.D.
Silver	3015/6010	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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905008601.TTT <5>

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Toltest	Client Project ID:	35374.01	Sampled: Mar 15, 1999
12 Greystem Circle STE 306	Sample Descript:	TCLP Extract: UST-006	Relogged: May 6, 1999
Gurnee, IL 600331		TCLP Metals	Extracted: May 12, 1999
Attention: Jeff Tinney	Lab Number:	9050086-06	Analyzed: May 13, 1999
			Reported: May 14, 1999

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP): METALS

Analyte	EPA Method	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	3015/7060	0.050	N.D.
Barium	3015/6010	2.0	N.D.
Cadmium	3015/6010	0.010	N.D.
Chromium	3015/6010	0.010	N.D.
Lead	3015/7421	0.0050	N.D.
Mercury	7470	0.0020	N.D.
Selenium	3015/7740	0.010	N.D.
Silver	3015/6010	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

905008601.TTT <6>

Tier 1 Table Remediation Objectives (VOC's)

For

Waste Oil Tank Excavation Samples

TOLTESI, INC.

TIER 1 RESIDENTIAL TABLE

VOC's by EPA Method 8260 (WASTE OIL)

Target Analyte	Method Detection Limit	UST-001	UST-002	UST-003	UST-004	UST-005	UST-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acetone	0.025	ND	0.12	ND	ND	0.043	ND	16	16	7800	100000
Benzene	0.005	ND	ND	ND	ND	ND	ND	0.03	0.17	22	0.8
Bromodichloromethane	0.005	ND	ND	ND	ND	ND	ND	0.6	0.6	10	3000
Bromoform	0.005	ND	ND	ND	ND	ND	ND	0.8	0.8	81	53
Carbon disulfide	0.005	ND	ND	ND	ND	0.012	ND	32	160	7800	720
Carbon tetrachloride	0.005	ND	ND	ND	ND	ND	ND	0.07	0.33	5	0.3
Chlorobenzene	0.005	ND	ND	ND	ND	ND	ND	1	6.5	1600	130
Chlorodibromomethane	0.005	ND	ND	ND	ND	ND	ND	0.4	0.4	1600	1300
Chloroform	0.005	ND	ND	ND	ND	ND	ND	0.6	2.9	100	0.3
1,1-Dichloroethane	0.005	ND	ND	ND	ND	ND	ND	23	110	7800	1300
1,2-Dichloroethane	0.005	ND	ND	ND	ND	ND	ND	0.02	0.1	7	0.4
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND	0.06	0.3	700	1500
Cis-1,3-Dichloropropene	0.005	ND	ND	ND	ND	ND	ND	0.4	1.1	780	1200
Trans-1,3-Dichloropropene	0.005	ND	ND	ND	ND	ND	ND	0.7	3.4	1600	3100
1,2-Dichloropropane	0.005	ND	ND	ND	ND	ND	ND	0.03	0.15	9	15
Cis 1,3-Dichloropropene	0.005	ND	ND	ND	ND	ND	ND	0.004	0.02	4	0.1
Ethylbenzene	0.005	ND	0.44	ND	ND	ND	ND	13	19	7800	400
Methylene chloride	0.005	0.0052	ND	0.012	ND	ND	ND	0.02	0.2	85	13
Styrene	0.005	ND	ND	ND	ND	ND	ND	4	18	16000	1500
Tetrachloroehtene	0.005	ND	0.042	ND	ND	ND	ND	0.06	0.3	12	11
Toluene	0.005	ND	0.0078	ND	ND	ND	ND	12	29	16000	650
1,1,1-Trichloroethane	0.005	ND	ND	ND	ND	ND	ND	2	906	-	1200
1,1,2-Trichloroethane	0.005	ND	ND	ND	ND	ND	ND	0.02	0.3	310	1600
Trichloroethene	0.005	ND	ND	ND	ND	ND	ND	0.06	0.3	58	5
Vinyl acetate	0.01	ND	ND	ND	ND	ND	ND	170	170	78000	100
Vinyl chloride	0.005	ND	ND	ND	ND	ND	ND	0.01	0.07	0.3	0.03
Total Xylenes	0.005	0.0057	0.28	ND	ND	ND	ND	190	190	160000	410

ND = Non Detect
VOC's - Volatile Organic Compounds
Note - Refer to Figure 2 for sample locations

TIER 1 INDUSTRIAL/COMMERCIAL TABLE

VOC's by EPA Method 8260 (WASTE OIL)

Target Analyte	Method Detection Limit	UST-001	UST-002	UST-003	UST-004	UST-005	UST-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acetone	0.025	ND	0.12	ND	ND	0.043	ND	570	2900	120000	*
Benzene	0.005	ND	ND	ND	ND	ND	ND	0.03	0.17	200	1.5
Bromodichloromethane	0.005	ND	ND	ND	ND	ND	ND	0.6	0.6	92	3000
Bromoform	0.005	ND	ND	ND	ND	ND	ND	0.8	0.8	720	100
Carbon disulfide	0.005	ND	ND	ND	ND	0.012	ND	32	150	200000	720
Carbon tetrachloride	0.005	ND	ND	ND	ND	ND	ND	0.007	0.33	44	0.64
Chlorobenzene	0.005	ND	ND	ND	ND	ND	ND	1	6.5	41000	210
Chlorodibromomethane	0.005	ND	ND	ND	ND	ND	ND	0.4	0.4	41000	1300
Chloroform	0.005	ND	ND	ND	ND	ND	ND	0.6	2.9	940	0.54
1,1-Dichloroethane	0.005	ND	ND	ND	ND	ND	ND	23	110	200000	1700
1,2-Dichloroethane	0.005	ND	ND	ND	ND	ND	ND	0.02	0.1	63	0.7
1,1-Dichloroethene	0.005	ND	ND	ND	ND	ND	ND	0.06	0.3	18000	1500
Cis-1,3-Dichloropropene	0.005	ND	ND	ND	ND	ND	ND	0.004	0.02	33	0.23
Trans-1,3-Dichloropropene	0.005	ND	ND	ND	ND	ND	ND	0.004	0.02	33	0.23
1,2-Dichloropropane	0.005	ND	ND	ND	ND	ND	ND	0.03	0.15	84	23
Cis 1,3-Dichloropropene	0.005	ND	ND	ND	ND	ND	ND	13	19	200000	400
Ethylbenzene	0.005	ND	0.44	ND	ND	ND	ND	0.02	0.2	760	24
Methylene chloride	0.005	0.0052	ND	0.012	ND	ND	ND	4	18	410000	1500
Styrene	0.005	ND	ND	ND	ND	ND	ND	0.06	0.3	110	20
Tetrachloroehtene	0.005	ND	0.042	ND	ND	ND	ND	12	29	410000	650
Toluene	0.005	ND	0.0078	ND	ND	ND	ND	2	9.6	*	1200
1,1,1-Trichloroethane	0.005	ND	ND	ND	ND	ND	ND	0.02	0.3	8200	1800
1,1,2-Trichloroethane	0.005	ND	ND	ND	ND	ND	ND	0.06	0.3	520	8.9
Trichloroethene	0.005	ND	ND	ND	ND	ND	ND	170	170	1000000	1600
Vinyl acetate	0.01	ND	ND	ND	ND	ND	ND	0.01	0.07	3	0.06
Vinyl chloride	0.005	ND	ND	ND	ND	ND	ND	150	150	1000000	410
Total Xylenes	0.005	0.0057	0.26	ND	ND	ND	ND	150	150	1000000	410

ND = Non Detect
VOC's - Volatile Organic Compounds
Note - Refer to Figure 2 for sample locations

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled: Mar 15, 1999
1012 Grey Stem Circle STE 306	Sample Descript:	Soil: UST1	Received: Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8260	
Attention: Jeff Tinney	Lab Number:	9030389-03	Analyzed: Mar 30, 1999
			Reported: Apr 1, 1999

VOLATILE ORGANICS by GC/MS (EPA 8260)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone	25	N.D.
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis 1,3-Dichloropropene	5.0	N.D.
trans 1,3-Dichloropropene	5.0	N.D.
Ethylbenzene	5.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	**5.0**	**5.2A**
4-Methyl-2-pentanone	10	N.D.
Styrene	5.0	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl acetate	10	N.D.
Vinyl chloride	5.0	N.D.
Total Xylenes	**5.0**	**5.7**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Please Note:
A= The laboratory artifact-concentrations found of this analyte are charcteristic of laboratory artifact.

903038903.TTT <10>

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
912 Grey Stem Circle STE 306	Sample Descript:	Soil: UST2	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8260		
Attention: Jeff Tinney	Lab Number:	9030389-04	Analyzed:	Mar 30, 1999
			Reported:	Apr 1, 1999

VOLATILE ORGANICS by GC/MS (EPA 8260)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone	**25**	**120A**
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis 1,3-Dichloropropene	5.0	N.D.
trans 1,3-Dichloropropene	5.0	N.D.
Ethylbenzene	**5.0**	**440**
2-Hexanone	**10**	**20A**
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	5.0	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	**5.0**	**42**
Toluene	**5.0**	**7.8**
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl acetate	10	N.D.
Vinyl chloride	5.0	N.D.
Total Xylenes	**5.0**	**260**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Please Note:
A= The laboratory artifact-concentrations found of this analyte are charcteristic of laboratory artifact.

903038903.TTT <11>

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487; Tennessee DOH-02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917160

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Toltest
012 Grey Stem Circle STE 306
Burnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Sample Descript: Soil: UST3
Analysis Method: EPA 8260
Lab Number: 9030389-05

Sampled: Mar 15, 1999
Received: Mar 19, 1999
Analyzed: Mar 31, 1999
Reported: Apr 1, 1999

VOLATILE ORGANICS by GC/MS (EPA 8260)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone	25	N.D.
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis 1,3-Dichloropropene	5.0	N.D.
trans 1,3-Dichloropropene	5.0	N.D.
Ethylbenzene	5.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	**5.0**	**12A**
4-Methyl-2-pentanone	10	N.D.
Styrene	5.0	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl acetate	10	N.D.
Vinyl chloride	5.0	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Please Note:
A= The laboratory artifact-concentrations found of this analyte are charcteristic of laboratory artifact.

903038903.TTT <12>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
912 Grey Stem Circle STE 306	Sample Descript:	Soil: UST4	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8260		
Attention: Jeff Tinney	Lab Number:	9030389-06	Analyzed:	Mar 31, 1999
			Reported:	Apr 1, 1999

VOLATILE ORGANICS by GC/MS (EPA 8260)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone	25	N.D.
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis 1,3-Dichloropropene	5.0	N.D.
trans 1,3-Dichloropropene	5.0	N.D.
Ethylbenzene	5.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	5.0	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl acetate	10	N.D.
Vinyl chloride	5.0	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Jim Deery

Kevin W. Keeley
Laboratory Director

903038903.TTT <13>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

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Toltest
12 Grey Stem Circle STE 306
urnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Sample Descript: Soil: UST5
Analysis Method: EPA 8260
Lab Number: 9030389-07

Sampled: Mar 15, 1999
Received: Mar 19, 1999

Analyzed: Mar 31, 1999
Reported: Apr 1, 1999

VOLATILE ORGANICS by GC/MS (EPA 8260)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone	**25**	**43A**
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
2-Butanone	**10**	**12**
Carbon disulfide	**5.0**	**14**
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	**5.0**	**15**
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis 1,3-Dichloropropene	5.0	N.D.
trans 1,3-Dichloropropene	5.0	N.D.
Ethylbenzene	5.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	5.0	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl acetate	10	N.D.
Vinyl chloride	5.0	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

evin W. Keeley
Laboratory Director

Please Note:
A= The laboratory artifact-concentrations found of this analyte are charcteristic of laboratory artifact.

903038903.TTT <14>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
1012 Grey Stem Circle STE 306	Sample Descript:	Soil: UST6	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8260		
Attention: Jeff Tinney	Lab Number:	9030389-08	Analyzed:	Mar 31, 1999
			Reported:	Apr 1, 1999

VOLATILE ORGANICS by GC/MS (EPA 8260)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone	25	N.D.
Benzene	5.0	N.D.
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
2-Butanone	10	N.D.
Carbon disulfide	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chlorodibromomethane	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethyl vinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis 1,3-Dichloropropene	5.0	N.D.
trans 1,3-Dichloropropene	5.0	N.D.
Ethylbenzene	5.0	N.D.
2-Hexanone	10	N.D.
Methylene chloride	5.0	N.D.
4-Methyl-2-pentanone	10	N.D.
Styrene	5.0	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
Toluene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl acetate	10	N.D.
Vinyl chloride	5.0	N.D.
Total Xylenes	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <15>

Tier 1 Table Remediation Objectives (SVOC's)

For

Waste Oil Tank Excavation Samples

TOLTEST, INC.

TIER 1 RESIDENTIAL TABLE

SVOC's by EPA Method 8270 (WASTE OIL)

Target Analyte	Method Detection Limit	UST-001	UST-002	UST-003	UST-004	UST-005	UST-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier 1 - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.1	ND	ND	ND	ND	ND	ND	570	2900	4700	*
Anthracene	0.1	ND	ND	ND	ND	ND	ND	12000	59000	23000	*
Benzo(a)anthracene	0.1	ND	ND	ND	ND	ND	ND	2	8	0.9	*
Benzo(b)fluoranthene	0.1	ND	ND	ND	ND	ND	ND	2	25	0.9	*
Benzo(k)fluoranthene	0.1	ND	ND	ND	ND	ND	ND	49	250	9	*
Benzo(a)pyrene	0.1	ND	ND	ND	ND	ND	ND	8	82	0.09	*
4-Chloroaniline	0.1	ND	ND	ND	ND	ND	ND	0.7	0.7	310	*
Chrysene	0.1	ND	ND	ND	ND	ND	ND	160	800	88	*
Dibenzo(a,h)anthracene	0.1	ND	ND	ND	ND	ND	ND	2	7.6	0.09	*
1,2-Dichlorobenzene	0.1	ND	ND	ND	ND	ND	ND	17	43	7000	560
1,4-Dichlorobenzene	0.1	ND	ND	ND	ND	ND	ND	2	11	*	*
3,3-Dichlorobenzidine	0.5	ND	ND	ND	ND	ND	ND	0.007	0.033	1	*
Diethyl phthalate	0.1	ND	ND	ND	ND	ND	ND	470	470	63000	2000
2,4-Dimethylphenol	0.1	ND	ND	ND	ND	ND	ND	9	9	1600	*
2,4-Dinitrotoluene	0.1	ND	ND	ND	ND	ND	ND	0.0008	0.0008	0.9	*
2,6-Dinitrotoluene	0.1	ND	ND	ND	ND	ND	ND	0.0007	0.0007	0.9	*
Fluoranthene	0.1	ND	ND	ND	ND	ND	ND	4300	21000	3100	*
Fluorene	0.1	ND	ND	ND	ND	ND	ND	560	2800	3100	*
Hexachlorobenzene	0.1	ND	ND	ND	ND	ND	ND	2	11	0.4	*
Hexachloroethane	0.1	ND	ND	ND	ND	ND	ND	0.5	2.6	78	*
Indeno(1,2,3-c-d)pyrene	0.1	ND	ND	ND	ND	ND	ND	14	69	0.9	*
Isophorone	0.1	ND	ND	ND	ND	ND	ND	8	8	15600	4600
2-Methylphenol	0.1	ND	ND	ND	ND	ND	ND	15	15	3900	*
Napthalene	0.1	ND	0.24	ND	ND	ND	ND	84	420	3100	*
Nitrobenzene	0.1	ND	ND	ND	ND	ND	ND	0.1	0.1	39	92
N-Nitrosodiphenylamine	0.1	ND	ND	ND	ND	ND	ND	1	5.6	130	*
N-Nitrosodi-n-propylamine	0.1	ND	ND	ND	ND	ND	ND	0.00005	0.00005	0.09	*
Phenol	0.1	ND	ND	ND	ND	ND	ND	100	100	47000	*
Pyrene	0.1	ND	ND	ND	ND	ND	ND	4200	21000	2300	*
Benzoic Acid	0.5	ND	ND	ND	ND	ND	ND	400	400	310000	*
2-Chlorophenol	0.1	ND	ND	ND	ND	ND	ND	4	4	390	53000
2,4-Dichlorophenol	0.1	ND	ND	ND	ND	ND	ND	1	1	230	*
2,4-Dinitrophenol	0.5	ND	ND	ND	ND	ND	ND	0.2	0.2	160	*
Pentachlorophenol	0.5	ND	ND	ND	ND	ND	ND	0.03	0.14	3	*
2,4,5-Trichlorophenol	0.5	ND	ND	ND	ND	ND	ND	170	1400	7800	*
2,4,6-Trichlorophenol	0.1	ND	ND	ND	ND	ND	ND	0.2	0.77	58	200

ND = Non Detect
SVOC's - Semi-Volatile Organic Compounds
Note - Refer to Figure 2 for sample locations

TIER 1INDUSTRIAL/COMMERCIAL TABLE

SVOC's by EPA Method 8270 (WASTE OIL)

Target Analyte	Method Detection Limit	UST-001	UST-002	UST-003	UST-004	UST-005	UST-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.1	ND	ND	ND	ND	ND	ND	570	2900	120000	*
Anthracene	0.1	ND	ND	ND	ND	ND	ND	12000	59000	510000	*
Benzo(a)anthracene	0.1	ND	ND	ND	ND	ND	ND	2	8	8	*
Benzo(b)fluoranthene	0.1	ND	ND	ND	ND	ND	ND	5	25	8	*
Benzo(k)fluoranthene	0.1	ND	ND	ND	ND	ND	ND	49	250	78	*
Benzo(a)pyrene	0.1	ND	ND	ND	ND	ND	ND	8	82	0.8	*
4-Chloroaniline	0.1	ND	ND	ND	ND	ND	ND	0.7	0.7	8200	*
Chrysene	0.1	ND	ND	ND	ND	ND	ND	160	800	780	*
Dibenzo(a,h)anthracene	0.1	ND	ND	ND	ND	ND	ND	2	7.6	0.8	*
1,2-Dichlorobenzene	0.1	ND	ND	ND	ND	ND	ND	17	43	180000	560
1,4-Dichlorobenzene	0.1	ND	ND	ND	ND	ND	ND	2	11	*	17000
3,3-Dichlorobenzidine	0.5	ND	ND	ND	ND	ND	ND	0.007	0.033	13	*
Diethyl phthalate	0.1	ND	ND	ND	ND	ND	ND	470	470	1000000	2000
2,4-Dimethylphenol	0.1	ND	ND	ND	ND	ND	ND	9	9	41000	*
2,4-Dinitrotoluene	0.1	ND	ND	ND	ND	ND	ND	0.0008	0.0008	8.4	*
2,6-Dinitrotoluene	0.1	ND	ND	ND	ND	ND	ND	0.0007	0.0007	8.4	*
Fluoranthene	0.1	ND	ND	ND	ND	ND	ND	4300	21000	82000	*
Fluorene	0.1	ND	ND	ND	ND	ND	ND	560	2800	82000	*
Hexachlorobenzene	0.1	ND	ND	ND	ND	ND	ND	2	11	4	1.8
Hexachloroethane	0.1	ND	ND	ND	ND	ND	ND	0.5	2.6	2000	*
Indeno(1,2,3-c-d)pyrene	0.1	ND	ND	ND	ND	ND	ND	14	69	8	*
Isophorone	0.1	ND	ND	ND	ND	ND	ND	8	8	410000	4600
2-Methylphenol	0.1	ND	ND	ND	ND	ND	ND	15	15	100000	*
Napthalene	0.1	ND	0.24	ND	ND	ND	ND	84	420	82000	*
Nitrobenzene	0.1	ND	ND	ND	ND	ND	ND	0.1	0.1	1000	140
N-Nitrosodiphenylamine	0.1	ND	ND	ND	ND	ND	ND	15	15	100000	*
N-Nitrosodi-n-propylamine	0.1	ND	ND	ND	ND	ND	ND	0.00005	0.00005	0.8	*
Phenol	0.1	ND	ND	ND	ND	ND	ND	100	100	1000000	*
Pyrene	0.1	ND	ND	ND	ND	ND	ND	4200	21000	61000	*
Benzoic Acid	0.5	ND	ND	ND	ND	ND	ND	400	400	1000000	*
2-Chlorophenol	0.1	ND	ND	ND	ND	ND	ND	4	20	10000	53000
2,4-Dichlorophenol	0.1	ND	ND	ND	ND	ND	ND	1	1	6100	*
2,4-Dinitrophenol	0.5	ND	ND	ND	ND	ND	ND	0.2	0.2	4100	*
Pentachlorophenol	0.5	ND	ND	ND	ND	ND	ND	0.03	0.14	24	*
2,4,5-Trichlorophenol	0.5	ND	ND	ND	ND	ND	ND	270	1400	200000	*
2,4,6-Trichlorophenol	0.1	ND	ND	ND	ND	ND	ND	0.2	0.77	520	390

ND = Non Detect
SVOC's - Semi-Volatile Organic Compounds
Note - Refer to Figure 2 for sample locations

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

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Toltest	Client Project ID:	35374.01	Sampled: Mar 15, 1999
12 Grey Stem Circle STE 306	Sample Descript:	Soil: UST1	Received: Mar 18, 1999
urnee, IL 60031	Analysis Method:	EPA 8270	Extracted: Mar 27, 1999
Attention: Jeff Tinney	Lab Number:	9030389-03	Analyzed: Mar 27, 1999
			Reported: Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acenaphthene	100	N.D.
Acenaphthylene	100	N.D.
Aniline	100	N.D.
Anthracene	100	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	100	N.D.
Benzo(b)fluoranthene	100	N.D.
Benzo(k)fluoranthene	100	N.D.
Benzo(g,h,i)perylene	100	N.D.
Benzo(a)pyrene	100	N.D.
Benzyl alcohol	100	N.D.
Bis(2-chloroethoxy)methane	100	N.D.
Bis(2-chloroethyl)ether	100	N.D.
Bis(2-chloroisopropyl)ether	100	N.D.
Bis(2-ethylhexyl)phthalate	330	N.D.
4-Bromophenyl phenyl ether	100	N.D.
tyl benzyl phthalate	100	N.D.
4-Chloroaniline	100	N.D.
2-Chloronaphthalene	100	N.D.
4-Chloro-3-methylphenol	100	N.D.
2-Chlorophenol	100	N.D.
4-Chlorophenyl phenyl ether	100	N.D.
Chrysene	100	N.D.
Dibenzo(a,h)anthracene	100	N.D.
Dibenzofuran	100	N.D.
Di-N-butyl phthalate	330	N.D.
Di-N-octyl phthalate	100	N.D.
1,3-Dichlorobenzene	100	N.D.
1,4-Dichlorobenzene	100	N.D.
1,2-Dichlorobenzene	100	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	100	N.D.
Diethyl phthalate	100	N.D.
2,4-Dimethylphenol	100	N.D.
Dimethyl phthalate	100	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487
Tennessee DOH-02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917160

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
12 Grey Stem Circle STE 306	Sample Descript:	Soil: UST1	Received:	Mar 18, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8270	Extracted:	Mar 27, 1999
Attention: Jeff Tinney	Lab Number:	9030389-03	Analyzed:	Mar 27, 1999
			Reported:	Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
2,4-Dinitrotoluene	100	N.D.
2,6-Dinitrotoluene	100	N.D.
Fluoranthene	100	N.D.
Fluorene	100	N.D.
Hexachlorobenzene	100	N.D.
Hexachlorobutadiene	100	N.D.
Hexachlorocyclopentadiene	100	N.D.
Hexachloroethane	100	N.D.
Indeno(1,2,3-cd)pyrene	100	N.D.
Isophorone	100	N.D.
2-Methylnaphthalene	100	950
2-Methylphenol	100	N.D.
4-Methylphenol	100	N.D.
Naphthalene	100	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
Nitroaniline	500	N.D.
Nitrobenzene	100	N.D.
2-Nitrophenol	100	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	100	N.D.
N-Nitroso-di-N-propylamine	100	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	100	N.D.
Phenol	100	N.D.
Pyrene	100	N.D.
1,2,4-Trichlorobenzene	100	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Jim Deere

Kevin W. Keeley
Laboratory Director

903038903.TTT <17>

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11497; Tennessee DOH-02801; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917160

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

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(847) 808-7766 FAX (847) 808-7772

Toltest
2012 Grey Stem Circle STE 306
Burnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Sample Descript: Soil: UST2
Analysis Method: EPA 8270
Lab Number: 9030389-04

Sampled: Mar 15, 1999
Received: Mar 18, 1999
Extracted: Mar 27, 1999
Analyzed: Mar 27, 1999
Reported: Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acenaphthene	100	N.D.
Acenaphthylene	100	N.D.
Aniline	100	N.D.
Anthracene	100	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	100	N.D.
Benzo(b)fluoranthene	100	N.D.
Benzo(k)fluoranthene	100	N.D.
Benzo(g,h,i)perylene	100	N.D.
Benzo(a)pyrene	100	N.D.
Benzyl alcohol	100	N.D.
Bis(2-chloroethoxy)methane	100	N.D.
Bis(2-chloroethyl)ether	100	N.D.
Bis(2-chloroisopropyl)ether	100	N.D.
Bis(2-ethylhexyl)phthalate	330	N.D.
4-Bromophenyl phenyl ether	100	N.D.
Butyl benzyl phthalate	100	N.D.
4-Chloroaniline	100	N.D.
2-Chloronaphthalene	100	N.D.
4-Chloro-3-methylphenol	100	N.D.
2-Chlorophenol	100	N.D.
4-Chlorophenyl phenyl ether	100	N.D.
Chrysene	100	N.D.
Dibenzo(a,h)anthracene	100	N.D.
Dibenzofuran	100	N.D.
Di-N-butyl phthalate	330	N.D.
Di-N-octyl phthalate	100	N.D.
1,3-Dichlorobenzene	100	N.D.
1,4-Dichlorobenzene	100	N.D.
1,2-Dichlorobenzene	100	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	100	N.D.
Diethyl phthalate	100	N.D.
2,4-Dimethylphenol	100	N.D.
Dimethyl phthalate	100	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11497; Tennessee DOH-02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917160

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled: Mar 15, 1999
1012 Grey Stem Circle STE 306	Sample Descript:	Soil: UST2	Received: Mar 18, 1999
Burnee, IL 60031	Analysis Method:	EPA 8270	Extracted: Mar 27, 1999
Attention: Jeff Tinney	Lab Number:	9030389-04	Analyzed: Mar 27, 1999
			Reported: Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
2,4-Dinitrotoluene	100	N.D.
2,6-Dinitrotoluene	100	N.D.
Fluoranthene	100	N.D.
Fluorene	100	N.D.
Hexachlorobenzene	100	N.D.
Hexachlorobutadiene	100	N.D.
Hexachlorocyclopentadiene	100	N.D.
Hexachloroethane	100	N.D.
Indeno(1,2,3-cd)pyrene	100	N.D.
Isophorone	100	N.D.
2-Methylnaphthalene	100	420
2-Methylphenol	100	N.D.
4-Methylphenol	100	N.D.
Naphthalene	100	240
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	100	N.D.
2-Nitrophenol	100	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	100	N.D.
N-Nitroso-di-N-propylamine	100	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	100	N.D.
Phenol	100	N.D.
Pyrene	100	N.D.
1,2,4-Trichlorobenzene	100	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <19>

Accreditations Certifications: Delaware IL 089; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487; Tennessee DOH-02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR 999917180

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
12 Grey Stem Circle STE 306	Sample Descript:	Soil: UST3	Received:	Mar 18, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8270	Extracted:	Mar 27, 1999
Attention: Jeff Tinney	Lab Number:	9030389-05	Analyzed:	Mar 27, 1999
			Reported:	Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acenaphthene	100	N.D.
Acenaphthylene	100	N.D.
Aniline	100	N.D.
Anthracene	100	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	100	N.D.
Benzo(b)fluoranthene	100	N.D.
Benzo(k)fluoranthene	100	N.D.
Benzo(g,h,i)perylene	100	N.D.
Benzo(a)pyrene	100	N.D.
Benzyl alcohol	100	N.D.
Bis(2-chloroethoxy)methane	100	N.D.
Bis(2-chloroethyl)ether	100	N.D.
Bis(2-chloroisopropyl)ether	100	N.D.
Bis(2-ethylhexyl)phthalate	330	N.D.
4-Bromophenyl phenyl ether	100	N.D.
Butyl benzyl phthalate	100	N.D.
4-Chloroaniline	100	N.D.
2-Chloronaphthalene	100	N.D.
4-Chloro-3-methylphenol	100	N.D.
2-Chlorophenol	100	N.D.
4-Chlorophenyl phenyl ether	100	N.D.
Chrysene	100	N.D.
Dibenzo(a,h)anthracene	100	N.D.
Dibenzofuran	100	N.D.
Di-N-butyl phthalate	330	N.D.
Di-N-octyl phthalate	100	N.D.
1,3-Dichlorobenzene	100	N.D.
1,4-Dichlorobenzene	100	N.D.
1,2-Dichlorobenzene	100	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	100	N.D.
Diethyl phthalate	100	N.D.
2,4-Dimethylphenol	100	N.D.
Dimethyl phthalate	100	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487; Tennessee DOH-02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917160

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
12 Grey Stem Circle STE 306	Sample Descript:	Soil: UST3	Received:	Mar 18, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8270	Extracted:	Mar 27, 1999
Attention: Jeff Tinney	Lab Number:	9030389-05	Analyzed:	Mar 27, 1999
			Reported:	Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
2,4-Dinitrotoluene	100	N.D.
2,6-Dinitrotoluene	100	N.D.
Fluoranthene	100	N.D.
Fluorene	100	N.D.
Hexachlorobenzene	100	N.D.
Hexachlorobutadiene	100	N.D.
Hexachlorocyclopentadiene	100	N.D.
Hexachloroethane	100	N.D.
Indeno(1,2,3-cd)pyrene	100	N.D.
Isophorone	100	N.D.
2-Methylnaphthalene	100	N.D.
2-Methylphenol	100	N.D.
4-Methylphenol	100	N.D.
Naphthalene	100	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
Nitroaniline	500	N.D.
Nitrobenzene	100	N.D.
2-Nitrophenol	100	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	100	N.D.
N-Nitroso-di-N-propylamine	100	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	100	N.D.
Phenol	100	N.D.
Pyrene	100	N.D.
1,2,4-Trichlorobenzene	100	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <21>

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001, New York DOH-11487; Tennessee DOH 02804, Tennessee DEC; USACE, Virginia 00164, Wisconsin DNR-999917160

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
912 Grey Stem Circle STE 306	Sample Descript:	Soil: UST4	Received:	Mar 18, 1999
Burnee, IL 60031	Analysis Method:	EPA 8270	Extracted:	Mar 27, 1999
Attention: Jeff Tinney	Lab Number:	9030389-06	Analyzed:	Mar 27, 1999
			Reported:	Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acenaphthene	100	N.D.
Acenaphthylene	100	N.D.
Aniline	100	N.D.
Anthracene	100	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	100	N.D.
Benzo(b)fluoranthene	100	N.D.
Benzo(k)fluoranthene	100	N.D.
Benzo(g,h,i)perylene	100	N.D.
Benzo(a)pyrene	100	N.D.
Benzyl alcohol	100	N.D.
Bis(2-chloroethoxy)methane	100	N.D.
Bis(2-chloroethyl)ether	100	N.D.
Bis(2-chloroisopropyl)ether	100	N.D.
Bis(2-ethylhexyl)phthalate	330	N.D.
4-Bromophenyl phenyl ether	100	N.D.
Butyl benzyl phthalate	100	N.D.
4-Chloroaniline	100	N.D.
2-Chloronaphthalene	100	N.D.
4-Chloro-3-methylphenol	100	N.D.
2-Chlorophenol	100	N.D.
4-Chlorophenyl phenyl ether	100	N.D.
Chrysene	100	N.D.
Dibenzo(a,h)anthracene	100	N.D.
Dibenzofuran	100	N.D.
Di-N-butyl phthalate	330	N.D.
Di-N-octyl phthalate	100	N.D.
1,3-Dichlorobenzene	100	N.D.
1,4-Dichlorobenzene	100	N.D.
1,2-Dichlorobenzene	100	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	100	N.D.
Diethyl phthalate	100	N.D.
2,4-Dimethylphenol	100	N.D.
Dimethyl phthalate	100	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487; Tennessee DOH-02204, Tennessee DEC; USACE; Virginia 00164, Wisconsin DNR-999917160

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Toltest
1012 Grey Stem Circle STE 306
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Sample Descript: Soil: UST4
Analysis Method: EPA 8270
Lab Number: 9030389-06

Sampled: Mar 15, 1999
Received: Mar 18, 1999
Extracted: Mar 27, 1999
Analyzed: Mar 27, 1999
Reported: Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
2,4-Dinitrotoluene	100	N.D.
2,6-Dinitrotoluene	100	N.D.
Fluoranthene	100	N.D.
Fluorene	100	N.D.
Hexachlorobenzene	100	N.D.
Hexachlorobutadiene	100	N.D.
Hexachlorocyclopentadiene	100	N.D.
Hexachloroethane	100	N.D.
Indeno(1,2,3-cd)pyrene	100	N.D.
Isophorone	100	N.D.
2-Methylnaphthalene	100	N.D.
2-Methylphenol	100	N.D.
4-Methylphenol	100	N.D.
Naphthalene	100	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	100	N.D.
2-Nitrophenol	100	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	100	N.D.
N-Nitroso-di-N-propylamine	100	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	100	N.D.
Phenol	100	N.D.
Pyrene	100	N.D.
1,2,4-Trichlorobenzene	100	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <23>

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487; Tennessee DOH-02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917160

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
12 Grey Stem Circle STE 306	Sample Descript:	Soil: UST5	Received:	Mar 18, 1999
urnee, IL 60031	Analysis Method:	EPA 8270	Extracted:	Mar 27, 1999
Attention: Jeff Tinney	Lab Number:	9030389-07	Analyzed:	Mar 27, 1999
			Reported:	Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acenaphthene	100	N.D.
Acenaphthylene	100	N.D.
Aniline	100	N.D.
Anthracene	100	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	100	N.D.
Benzo(b)fluoranthene	100	N.D.
Benzo(k)fluoranthene	100	N.D.
Benzo(g,h,i)perylene	100	N.D.
Benzo(a)pyrene	100	N.D.
Benzyl alcohol	100	N.D.
Bis(2-chloroethoxy)methane	100	N.D.
Bis(2-chloroethyl)ether	100	N.D.
Bis(2-chloroisopropyl)ether	100	N.D.
Bis(2-ethylhexyl)phthalate	330	N.D.
4-Bromophenyl phenyl ether	100	N.D.
tyl benzyl phthalate	100	N.D.
4-Chloroaniline	100	N.D.
2-Chloronaphthalene	100	N.D.
4-Chloro-3-methylphenol	100	N.D.
2-Chlorophenol	100	N.D.
4-Chlorophenyl phenyl ether	100	N.D.
Chrysene	100	N.D.
Dibenzo(a,h)anthracene	100	N.D.
Dibenzofuran	100	N.D.
Di-N-butyl phthalate	330	N.D.
Di-N-octyl phthalate	100	N.D.
1,3-Dichlorobenzene	100	N.D.
1,4-Dichlorobenzene	100	N.D.
1,2-Dichlorobenzene	100	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	100	N.D.
Diethyl phthalate	100	N.D.
2,4-Dimethylphenol	100	N.D.
Dimethyl phthalate	100	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487; Tennessee DOH 02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917160

GREAT LAKES ANALYTICAL
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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
12 Grey Stem Circle STE 306	Sample Descript:	Soil: UST5	Received:	Mar 18, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8270	Extracted:	Mar 27, 1999
Attention: Jeff Tinney	Lab Number:	9030389-07	Analyzed:	Mar 27, 1999
			Reported:	Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
2,4-Dinitrotoluene	100	N.D.
2,6-Dinitrotoluene	100	N.D.
Fluoranthene	100	N.D.
Fluorene	100	N.D.
Hexachlorobenzene	100	N.D.
Hexachlorobutadiene	100	N.D.
Hexachlorocyclopentadiene	100	N.D.
Hexachloroethane	100	N.D.
Indeno(1,2,3-cd)pyrene	100	N.D.
Isophorone	100	N.D.
2-Methylnaphthalene	100	N.D.
2-Methylphenol	100	N.D.
4-Methylphenol	100	N.D.
Naphthalene	100	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
Nitroaniline	500	N.D.
Nitrobenzene	100	N.D.
2-Nitrophenol	100	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	100	N.D.
N-Nitroso-di-N-propylamine	100	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	100	N.D.
Phenol	100	N.D.
Pyrene	100	N.D.
1,2,4-Trichlorobenzene	100	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Jim Daure

Kevin W. Keeley
Laboratory Director

903038903.TTT <25>

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487, Tennessee DOH-02804; Tennessee DEC; USACE, Virginia 00164, Wisconsin DNR-999917160

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01		Sampled:	Mar 15, 1999
12 Grey Stem Circle STE 306	Sample Descript:	Soil: UST6		Received:	Mar 18, 1999
urnee, IL 60031	Analysis Method:	EPA 8270		Extracted:	Mar 27, 1999
Attention: Jeff Tinney	Lab Number:	9030389-08		Analyzed:	Mar 27, 1999
				Reported:	Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acenaphthene	100	N.D.
Acenaphthylene	100	N.D.
Aniline	100	N.D.
Anthracene	100	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	100	N.D.
Benzo(b)fluoranthene	100	N.D.
Benzo(k)fluoranthene	100	N.D.
Benzo(g,h,i)perylene	100	N.D.
Benzo(a)pyrene	100	N.D.
Benzyl alcohol	100	N.D.
Bis(2-chloroethoxy)methane	100	N.D.
Bis(2-chloroethyl)ether	100	N.D.
Bis(2-chloroisopropyl)ether	100	N.D.
Bis(2-ethylhexyl)phthalate	330	N.D.
4-Bromophenyl phenyl ether	100	N.D.
tyl benzyl phthalate	100	N.D.
4-Chloroaniline	100	N.D.
2-Chloronaphthalene	100	N.D.
4-Chloro-3-methylphenol	100	N.D.
2-Chlorophenol	100	N.D.
4-Chlorophenyl phenyl ether	100	N.D.
Chrysene	100	N.D.
Dibenzo(a,h)anthracene	100	N.D.
Dibenzofuran	100	N.D.
Di-N-butyl phthalate	330	N.D.
Di-N-octyl phthalate	100	N.D.
1,3-Dichlorobenzene	100	N.D.
1,4-Dichlorobenzene	100	N.D.
1,2-Dichlorobenzene	100	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	100	N.D.
Diethyl phthalate	100	N.D.
2,4-Dimethylphenol	100	N.D.
Dimethyl phthalate	100	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487; Tennessee DOH-02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917160

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 15, 1999
1012 Grey Stem Circle STE 306	Sample Descript:	Soil: UST6	Received:	Mar 18, 1999
Burnee, IL 60031	Analysis Method:	EPA 8270	Extracted:	Mar 27, 1999
Attention: Jeff Tinney	Lab Number:	9030389-08	Analyzed:	Mar 27, 1999
			Reported:	Apr 1, 1999

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
2,4-Dinitrotoluene	100	N.D.
2,6-Dinitrotoluene	100	N.D.
Fluoranthene	100	N.D.
Fluorene	100	N.D.
Hexachlorobenzene	100	N.D.
Hexachlorobutadiene	100	N.D.
Hexachlorocyclopentadiene	100	N.D.
Hexachloroethane	100	N.D.
Indeno(1,2,3-cd)pyrene	100	N.D.
Isophorone	100	N.D.
2-Methylnaphthalene	100	N.D.
2-Methylphenol	100	N.D.
4-Methylphenol	100	N.D.
Naphthalene	100	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	100	N.D.
2-Nitrophenol	100	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	100	N.D.
N-Nitroso-di-N-propylamine	100	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	100	N.D.
Phenol	100	N.D.
Pyrene	100	N.D.
1,2,4-Trichlorobenzene	100	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <27>

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11497; Tennessee DOH-02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999817160

Tier 1 Table Remediation Objectives (PNA's)

For

Waste Oil Tank Excavation Samples

TOLTEST, INC.

TIER 1 INDUSTRIAL/COMMERCIAL TABLE

PNA's by EPA Method 8310 (WASTE OIL)

Target Analyte	Method Detection Limit	UST-001	UST-002	UST-003	UST-004	UST-005	UST-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	0.19	ND	ND	ND	ND	570	2900	120000	*
Anthracene	0.03	ND	ND	ND	ND	ND	ND	12000	59000	610000	*
Benzo(a)anthracene	0.03	ND	ND	ND	ND	ND	ND	2	8	8	*
Benzo(b)fluoranthene	0.03	ND	0.06	ND	ND	ND	ND	5	25	8	*
Benzo(k)fluoranthene	0.03	ND	ND	ND	ND	ND	ND	49	250	78	*
Benzo(a)pyrene	0.03	ND	ND	ND	ND	ND	ND	8	82	0.8	*
Chrysene	0.03	ND	0.2	ND	ND	ND	ND	160	800	780	*
Dibenzo(a,h)anthracene	0.03	ND	ND	ND	ND	ND	ND	2	7.6	0.8	*
Fluoranthene	0.03	0.055	1.1	ND	0.059	ND	ND	4300	21000	82000	*
Fluorene	0.03	ND	0.46	ND	ND	ND	ND	560	2800	82000	*
Indeno(1,2,3-c,d)pyrene	0.03	ND	ND	ND	ND	ND	ND	14	69	8	*
Napthalene	0.03	ND	0.44	ND	ND	ND	ND	84	420	82000	*
Pyrene	0.03	0.059	0.37	ND	0.064	ND	ND	4200	21000	61000	*

ND – Non Detect
PNA's – Polynuclear Aromatics Hydrocarbons
* - No toxicity data available for the route of exposure
Note - Refer to Figure 2 for sample locations

TIER 1 RESIDENTIAL TABLE

PNA's by EPA Method 8310 (WASTE OIL)

Target Analyte	Method Detection Limit	UST-001	UST-002	UST-003	UST-004	UST-005	UST-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	0.19	ND	ND	ND	ND	570	2900	4700	*
Anthracene	0.03	ND	ND	ND	ND	ND	ND	12000	59000	23000	*
Benzo(a)anthracene	0.03	ND	ND	ND	ND	ND	ND	2	8	0.9	*
Benzo(b)fluoranthene	0.03	ND	0.06	ND	ND	ND	ND	2	25	0.9	*
Benzo(k)fluoranthene	0.03	ND	ND	ND	ND	ND	ND	49	250	9	*
Benzo(a)pyrene	0.03	ND	ND	ND	ND	ND	ND	8	82	0.09	*
Chrysene	0.03	ND	0.2	ND	ND	ND	ND	160	800	88	*
Dibenzo(a,h)anthracene	0.03	ND	ND	ND	ND	ND	ND	2	7.6	0.09	*
Fluoranthene	0.03	0.055	1.1	ND	0.059	ND	ND	4300	21000	3100	*
Fluorene	0.03	ND	0.46	ND	ND	ND	ND	560	2800	3100	*
Indeno(1,2,3-c-d)pyrene	0.03	ND	ND	ND	ND	ND	ND	14	69	0.9	*
Napthalene	0.03	ND	0.44	ND	ND	ND	ND	84	420	3100	*
Pyrene	0.03	0.059	0.37	ND	0.064	ND	ND	4200	21000	2300	*

ND – Non Detect
PNA's – Polynuclear Aromatics Hydrocarbons
*- No toxicity data available for the route of exposure
Note - Refer to Figure 2 for sample locations

GREAT LAKES ANALYTICAL

1380 Busch Parkway
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Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest
4200 Coral Berry Path Apt #103
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01, GLNTC-U.S. Navy
Sample Descript: Soil: UST-001
Analysis Method: EPA 8310
Lab Number: 9060028-01

Sampled: Mar 15, 1999
Relogged: Jun 2, 1999
Extracted: Jun 3, 1999
Analyzed: Jun 3, 1999
Reported: Jun 4, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	55
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	89
Pyrene	30	59

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Please Note:
This sample was analyzed past the method specified holdtime.

Kevin W. Keelay
Laboratory Director

9060028.01.TTT <1>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
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(847) 808-7766 FAX (847) 808-7772

Toltest	Client Project ID:	35374.01, GLNTC-U.S. Navy	Sampled: Mar 15, 1999
4200 Coral Berry Path Apt #103	Sample Descript:	Soil: UST-002	Relogged: Jun 2, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted: Jun 3, 1999
Attention: Jeff Tinney	Lab Number:	9060028-02	Analyzed: Jun 3, 1999
			Reported: Jun 4, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	190
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	60
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	200
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	1,100
Fluorene	30	460
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	440
Phenanthrene	30	3,000
Pyrene	30	370

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Please Note:
This sample was analyzed past the method specified holdtime.

Kevin W. Keeley
Laboratory Director

906002801.TTT <2>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

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Toltest
4200 Coral Berry Path Apt #103
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01, GLNTC-U.S. Navy
Sample Descript: Soil: UST-003
Analysis Method: EPA 8310
Lab Number: 9060028-03

Sampled: Mar 15, 1999
Relogged: Jun 2, 1999
Extracted: Jun 3, 1999
Analyzed: Jun 3, 1999
Reported: Jun 4, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Please Note:
This sample was analyzed past the method specified holdtime.

906002801.TTT <3>

GREAT LAKES ANALYTICAL

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Toltest
4200 Coral Berry Path Apt #103
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 36374.01, GLNTC-U.S. Navy
Sample Descript: Soil: UST-004
Analysis Method: EPA 8310
Lab Number: 9060028-04

Sampled: Mar 15, 1999
Relogged: Jun 2, 1999
Extracted: Jun 3, 1999
Analyzed: Jun 3, 1999
Reported: Jun 4, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	59
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	30	54
		64

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Please Note:
This sample was analyzed past the method specified holdtime.

Kevin W. Keeley
Laboratory Director

908002801.TTT <4>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
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Toltest
4200 Coral Berry Path Apt #103
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01, GLNTC-U.S. Navy
Sample Descript: Soil: UST-005
Analysis Method: EPA 8310
Lab Number: 9060028-05

Sampled: Mar 15, 1999
Relogged: Jun 2, 1999
Extracted: Jun 3, 1999
Analyzed: Jun 3, 1999
Reported: Jun 4, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Please Note:
This sample was analyzed past the method specified holdtime.

908002801.TTT <5>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest	Client Project ID:	35374.01, GLNTC-U.S. Navy	Sampled:	Mar 15, 1999
4200 Coral Berry Path Apt #103	Sample Descript:	Soil: UST-006	Relogged:	Jun 2, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Jun 3, 1999
Attention: Jeff Tinney	Lab Number:	9060028-06	Analyzed:	Jun 3, 1999
			Reported:	Jun 4, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Please Note:
This sample was analyzed past the method specified holdtime.

906002801.TTT <6>

Tier 1 Table Remediation Objectives (PNA's)

For

Diesel Tank Excavation Samples

TOLTEST, INC.

TIER 1 RESIDENTIAL TABLE

PNA's by EPA Method 8100 (DIESEL)

Target Analyte	Method Detection Limit	UST7	UST8	UST9	UST10	UST11	UST12	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	0.48	0.18	ND	ND	570	2900	4700	*
Anthracene	0.03	ND	ND	0.2	0.039	0.049	0.061	12000	59000	23000	*
Benzo(a)anthracene	0.03	0.048	ND	0.28	0.12	0.04	ND	2	8	0.9	*
Benzo(b)fluoranthene	0.03	0.31	ND	0.22	0.097	0.066	0.032	2	25	0.9	*
Benzo(k)fluoranthene	0.03	0.033	ND	0.12	0.051	0.041	ND	49	250	9	*
Benzo(a)pyrene	0.03	0.34	ND	0.25	0.1	0.092	0.044	8	82	0.09	*
Chrysene	0.03	0.18	ND	0.27	0.11	0.097	0.045	160	800	88	*
Dibenzo(a,h)anthracene	0.03	0.039	ND	0.042	ND	ND	ND	2	7.6	0.09	*
Fluoranthene	0.03	0.37	ND	1.1	0.53	0.68	0.28	4300	21000	3100	*
Fluorene	0.03	ND	ND	0.097	ND	ND	ND	560	2800	3100	*
Indeno(1,2,3-c,d)pyrene	0.03	0.23	ND	0.17	0.091	0.068	ND	14	69	0.9	*
Napthalene	0.03	ND	ND	0.031	ND	ND	ND	84	420	3100	*
Pyrene	0.03	0.35	ND	0.73	0.38	0.37	0.21	4200	21000	2300	*

Target Analyte	Method Detection Limit	UST13	UST14	UST15	UST16	UST17	UST18	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	ND	ND	ND	ND	570	2900	4700	*
Anthracene	0.03	0.033	ND	0.03	ND	ND	ND	12000	59000	23000	*
Benzo(a)anthracene	0.03	0.039	ND	0.044	ND	ND	ND	2	8	0.9	*
Benzo(b)fluoranthene	0.03	0.053	ND	0.073	0.044	0.046	ND	2	25	0.9	*
Benzo(k)fluoranthene	0.03	0.04	ND	0.047	ND	ND	ND	49	250	9	*
Benzo(a)pyrene	0.03	0.1	ND	0.1	0.057	0.074	0.039	8	82	0.09	*
Chrysene	0.03	0.1	ND	0.099	0.055	0.063	0.03	160	800	88	*
Dibenzo(a,h)anthracene	0.03	0.034	ND	ND	ND	ND	ND	2	7.6	0.09	*
Fluoranthene	0.03	0.38	ND	0.44	0.19	0.25	0.098	4300	21000	3100	*
Fluorene	0.03	ND	ND	ND	ND	ND	ND	560	2800	3100	*
Indeno(1,2,3-c,d)pyrene	0.03	0.036	ND	0.036	ND	ND	ND	14	69	0.9	*
Napthalene	0.03	ND	ND	0.059	ND	ND	ND	84	420	3100	*
Pyrene	0.03	0.24	ND	0.35	0.17	0.19	0.085	4200	21000	2300	*

Note - Refer to Figure 2 for sample locations

TIER 1 RESIDENTIAL TABLE

Diesel Analytical Results (PNA's) Continued

Target Analyte	Method Detection Limit	UST19	UST20	UST21	UST22	UST23	UST24	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	ND	ND	2.6	ND	570	2900	4700	*
Anthracene	0.03	ND	ND	ND	ND	0.63	ND	12000	59000	23000	*
Benzo(a)anthracene	0.03	ND	ND	0.034	ND	ND	ND	2	8	0.9	*
Benzo(b)fluoranthene	0.03	ND	ND	0.066	ND	0.057	ND	2	25	0.9	*
Benzo(k)fluoranthene	0.03	ND	ND	0.035	ND	ND	ND	49	250	9	*
Benzo(a)pyrene	0.03	ND	ND	0.074	ND	0.03	ND	8	82	0.09	*
Chrysene	0.03	ND	ND	0.085	0.031	ND	ND	160	800	88	*
Dibenzo(a,h)anthracene	0.03	ND	ND	ND	ND	ND	ND	2	7.6	0.09	*
Fluoranthene	0.03	ND	ND	0.18	ND	31	0.043	4300	21000	3100	*
Fluorene	0.03	ND	ND	ND	ND	4.2	ND	560	2800	3100	*
Indeno(1,2,3-c-d)pyrene	0.03	ND	ND	ND	ND	ND	ND	14	69	0.9	*
Napthalene	0.03	ND	ND	ND	ND	9.3	ND	84	420	3100	*
Pyrene	0.03	ND	ND	0.23	0.068	1.5	0.037	4200	21000	2300	*

Target Analyte	Method Detection Limit	UST25	UST26	UST27	UST28	UST29		Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	ND	ND	ND		570	2900	4700	*
Anthracene	0.03	ND	ND	ND	ND	ND		12000	59000	23000	*
Benzo(a)anthracene	0.03	ND	ND	ND	ND	ND		2	8	0.9	*
Benzo(b)fluoranthene	0.03	ND	ND	ND	ND	ND		2	25	0.9	*
Benzo(k)fluoranthene	0.03	ND	ND	ND	ND	ND		49	250	9	*
Benzo(a)pyrene	0.03	ND	ND	ND	ND	ND		8	82	0.09	*
Chrysene	0.03	ND	ND	ND	ND	ND		160	800	88	*
Dibenzo(a,h)anthracene	0.03	ND	ND	ND	ND	ND		2	7.6	0.09	*
Fluoranthene	0.03	ND	0.046	ND	ND	ND		4300	21000	3100	*
Fluorene	0.03	ND	ND	ND	ND	ND		560	2800	3100	*
Indeno(1,2,3-c-d)pyrene	0.03	ND	ND	ND	ND	ND		14	69	0.9	*
Napthalene	0.03	ND	ND	ND	ND	ND		84	420	3100	*
Pyrene	0.03	ND	ND	ND	ND	ND		4200	21000	2300	*

ND – Non Detect
PNA's – Poly Nuclear Aromatics
* - No toxicity data available for the route of exposure
See Site Sampling Map in Figure 2
Note - Refer to Figure 2 for sample locations

TIER 1 INDUSTRIAL/COMMERCIAL TABLE

PNA's by EPA Method 8100 (DIESEL)

Target Analyte	Method Detection Limit	UST-007	UST-008	UST-009	UST-010	UST-011	UST-012	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	0.48	0.18	ND	ND	570	2900	120000	*
Anthracene	0.03	ND	ND	0.2	0.039	0.049	0.061	12000	59000	610000	*
Benzo(a)anthracene	0.03	0.048	ND	0.28	0.12	0.04	ND	2	8	8	*
Benzo(b)fluoranthene	0.03	0.31	ND	0.22	0.097	0.066	0.032	5	25	8	*
Benzo(k)fluoranthene	0.03	0.033	ND	0.12	0.051	0.041	ND	49	250	78	*
Benzo(a)pyrene	0.03	0.34	ND	0.25	0.1	0.092	0.044	8	82	0.8	*
Chrysene	0.03	0.18	ND	0.27	0.11	0.097	0.045	160	800	780	*
Dibenzo(a,h)anthracene	0.03	0.039	ND	0.042	ND	ND	ND	2	7.6	0.8	*
Fluoranthene	0.03	0.37	ND	1.1	0.53	0.68	0.28	4300	21000	82000	*
Fluorene	0.03	ND	ND	0.097	ND	ND	ND	560	2800	82000	*
Indeno(1,2,3-c-d)pyrene	0.03	0.23	ND	0.17	0.091	0.068	ND	14	69	8	*
Napthalene	0.03	ND	ND	0.031	ND	ND	ND	84	420	82000	*
Pyrene	0.03	0.35	ND	0.73	0.38	0.37	0.21	4200	21000	61000	*

Target Analyte	Method Detection Limit	UST-013	UST-014	UST-015	UST-016	UST-017	UST-018	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	ND	ND	ND	ND	570	2900	120000	*
Anthracene	0.03	0.033	ND	0.03	ND	ND	ND	12000	59000	610000	*
Benzo(a)anthracene	0.03	0.039	ND	0.044	ND	ND	ND	2	8	8	*
Benzo(b)fluoranthene	0.03	0.053	ND	0.073	0.044	0.046	ND	5	25	8	*
Benzo(k)fluoranthene	0.03	0.04	ND	0.047	ND	ND	ND	49	250	78	*
Benzo(a)pyrene	0.03	0.1	ND	0.1	0.057	0.074	0.039	8	82	0.8	*
Chrysene	0.03	0.1	ND	0.099	0.055	0.063	0.03	160	800	780	*
Dibenzo(a,h)anthracene	0.03	0.034	ND	ND	ND	ND	ND	2	7.6	0.8	*
Fluoranthene	0.03	0.38	ND	0.44	0.19	0.25	0.098	4300	21000	82000	*
Fluorene	0.03	ND	ND	ND	ND	ND	ND	560	2800	82000	*
Indeno(1,2,3-c-d)pyrene	0.03	0.036	ND	0.036	ND	ND	ND	14	69	8	*
Napthalene	0.03	ND	ND	0.059	ND	ND	ND	84	420	82000	*
Pyrene	0.03	0.24	ND	0.35	0.17	0.19	0.085	4200	21000	61000	*

Note - Refer to Figure 2 for sample locations

TIER 1 INDUSTRIAL/COMMERCIAL TABLE

Diesel Analytical Results (PNA's) Continued

Target Analyte	Method Detection Limit	UST-019	UST-020	UST-021	UST-022	UST-023	UST-024	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	ND	ND	2.6	ND	570	2900	120000	*
Anthracene	0.03	ND	ND	ND	ND	0.63	ND	12000	59000	610000	*
Benzo(a)anthracene	0.03	ND	ND	0.034	ND	ND	ND	2	8	8	*
Benzo(b)fluoranthene	0.03	ND	ND	0.066	ND	0.057	ND	5	25	8	*
Benzo(k)fluoranthene	0.03	ND	ND	0.035	ND	ND	ND	49	250	78	*
Benzo(a)pyrene	0.03	ND	ND	0.074	ND	0.03	ND	8	82	0.8	*
Chrysene	0.03	ND	ND	0.085	0.031	ND	ND	160	800	780	*
Dibenzo(a,h)anthracene	0.03	ND	ND	ND	ND	ND	ND	2	7.6	0.8	*
Fluoranthene	0.03	ND	ND	0.18	ND	31	0.043	4300	21000	82000	*
Fluorene	0.03	ND	ND	ND	ND	4.2	ND	560	2800	82000	*
Indeno(1,2,3-c-d)pyrene	0.03	ND	ND	ND	ND	ND	ND	14	69	8	*
Napthalene	0.03	ND	ND	ND	ND	9.3	ND	84	420	82000	*
Pyrene	0.03	ND	ND	0.23	0.068	1.5	0.037	4200	21000	61000	*

Target Analyte	Method Detection Limit	UST-025	UST-026	UST-027	UST-028	UST-029		Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	ND	ND	ND		570	2900	120000	*
Anthracene	0.03	ND	ND	ND	ND	ND		12000	59000	610000	*
Benzo(a)anthracene	0.03	ND	ND	ND	ND	ND		2	8	8	*
Benzo(b)fluoranthene	0.03	ND	ND	ND	ND	ND		5	25	8	*
Benzo(k)fluoranthene	0.03	ND	ND	ND	ND	ND		49	250	78	*
Benzo(a)pyrene	0.03	ND	ND	ND	ND	ND		8	82	0.8	*
Chrysene	0.03	ND	ND	ND	ND	ND		160	800	780	*
Dibenzo(a,h)anthracene	0.03	ND	ND	ND	ND	ND		2	7.6	0.8	*
Fluoranthene	0.03	ND	0.046	ND	ND	ND		4300	21000	82000	*
Fluorene	0.03	ND	ND	ND	ND	ND		560	2800	82000	*
Indeno(1,2,3-c-d)pyrene	0.03	ND	ND	ND	ND	ND		14	69	8	*
Napthalene	0.03	ND	ND	ND	ND	ND		84	420	82000	*
Pyrene	0.03	ND	ND	ND	ND	ND		4200	21000	61000	*

ND - Non Detect
PNA's - Poly Nuclear Aromatics
* - No toxicity data available for the route of exposure
See Site Sampling Map in Figure 2
Note - Refer to Figure 2 for sample locations

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ltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
12 Grey Stem Circle STE 306	Sample Descript:	Soil: UST7	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-09	Analyzed:	Mar 24, 1999
			Reported:	Apr 1, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	**30**	**46**
Benzo (a) pyrene	**30**	**340**
Benzo (b) fluoranthene	**30**	**310**
Benzo (ghi) perylene	**30**	**250**
Benzo (k) fluoranthene	**30**	**33**
Chrysene	**30**	**180**
Dibenzo (a,h) anthracene	**30**	**39**
Fluoranthene	**30**	**370**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	**30**	**230**
Naphthalene	30	N.D.
Phenanthrene	**30**	**48**
rene	**30**	**350**

Analytes reported as N.D. were not present above the stated limit of detection.

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[illegible]test	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
[illegible]12 Grey Stem Circle STE306	Sample Descript:	Soil: UST8	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-10	Analyzed:	Mar 24, 1999
			Reported:	Apr 1, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
[illegible]ene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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Altest	Client Project ID:	35374.01	Sampled: Mar 16, 1999
2012 Grey Stem Circle STE306	Sample Descript:	Soil: UST9	Received: Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted: Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-11	Analyzed: Mar 24, 1999
			Reported: Apr 1, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	480
Acenaphthylene	200	N.D.
Anthracene	30	200
Benzo (a) anthracene	30	280
Benzo (a) pyrene	30	250
Benzo (b) fluoranthene	30	220
Benzo (ghi) perylene	30	160
Benzo (k) fluoranthene	30	120
Chrysene	30	270
Dibenzo (a,h) anthracene	30	42
Fluoranthene	30	1,100
Fluorene	30	97
Indeno (1,2,3-cd) pyrene	30	170
Naphthalene	30	31
Phenanthrene	30	480
Pyrene	30	730

Analytes reported as N.D. were not present above the stated limit of detection.

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ltest	Client Project ID:	35374.01	Sampled: Mar 16, 1999
12 Grey Stem Circle STE306	Sample Descript:	Soil: UST10	Received: Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted: Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-12	Analyzed: Mar 24, 1999
			Reported: Apr 1, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	**30**	**180**
Acenaphthylene	200	N.D.
Anthracene	**30**	**39**
Benzo (a) anthracene	**30**	**120**
Benzo (a) pyrene	**30**	**100**
Benzo (b) fluoranthene	**30**	**97**
Benzo (ghi) perylene	**30**	**77**
Benzo (k) fluoranthene	**30**	**51**
Chrysene	**30**	**110**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**530**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	**30**	**91**
Naphthalene	30	N.D.
Phenanthrene	**30**	**210**
rene	**30**	**380**

Analytes reported as N.D. were not present above the stated limit of detection.

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Coltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
2012 Grey Stem Circle STE306	Sample Descript:	Soil: UST11	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-13	Analyzed:	Mar 24, 1999
			Reported:	Apr 1, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	**30**	**49**
Benzo (a) anthracene	**30**	**40**
Benzo (a) pyrene	**30**	**92**
Benzo (b) fluoranthene	**30**	**66**
Benzo (ghi) perylene	**30**	**120**
Benzo (k) fluoranthene	**30**	**41**
Chrysene	**30**	**97**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**680**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	**30**	**68**
Naphthalene	30	N.D.
Phenanthrene	**30**	**160**
Pyrene	**30**	**370**

Analytes reported as N.D. were not present above the stated limit of detection.

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ltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
2012 Grey Stem Circle STE306	Sample Descript:	Soil: UST12	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-14	Analyzed:	Mar 24, 1999
			Reported:	Apr 1, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	**30**	**61**
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	**30**	**44**
Benzo (b) fluoranthene	**30**	**32**
Benzo (ghi) perylene	**30**	**48**
Benzo (k) fluoranthene	30	N.D.
Chrysene	**30**	**45**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**280**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	**30**	**150**
rene	**30**	**210**

Analytes reported as N.D. were not present above the stated limit of detection.

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ltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
2012 Grey Stem Circle STE306	Sample Descript:	Soil: UST13	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-15	Analyzed:	Mar 24, 1999
			Reported:	Apr 1, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	**30**	**33**
Benzo (a) anthracene	**30**	**39**
Benzo (a) pyrene	**30**	**100**
Benzo (b) fluoranthene	**30**	**53**
Benzo (ghi) perylene	**30**	**110**
Benzo (k) fluoranthene	**30**	**40**
Chrysene	**30**	**100**
Dibenzo (a,h) anthracene	**30**	**34**
Fluoranthene	**30**	**380**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	**30**	**36**
Naphthalene	30	N.D.
Phenanthrene	**30**	**110**
Pyrene	**30**	**240**

Analytes reported as N.D. were not present above the stated limit of detection.

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ltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
2012 Grey Stem Circle STE306	Sample Descript:	Soil: UST14	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-16	Analyzed:	Mar 24, 1999
			Reported:	Apr 1, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
rene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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ltest	Client Project ID:	35374.01	Sampled: Mar 16, 1999
2012 Grey Stem Circle STE306	Sample Descript:	Soil: UST15	Received: Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted: Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-17	Analyzed: Mar 24, 1999
			Reported: Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	30
Benzo (a) anthracene	30	44
Benzo (a) pyrene	30	100
Benzo (b) fluoranthene	30	73
Benzo (ghi) perylene	30	58
Benzo (k) fluoranthene	30	47
Chrysene	30	99
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	440
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	36
Naphthalene	30	59
Phenanthrene	30	94
rene	30	350

Analytes reported as N.D. were not present above the stated limit of detection.

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ltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
2012 Grey Stem Circle STE306	Sample Descript:	Soil: UST16	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-18	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	**30**	**57**
Benzo (b) fluoranthene	**30**	**44**
Benzo (ghi) perylene	**30**	**42**
Benzo (k) fluoranthene	30	N.D.
Chrysene	**30**	**55**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**190**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	**30**	**44**
rene	**30**	**170**

Analytes reported as N.D. were not present above the stated limit of detection.

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
12 Grey Stem Circle STE306	Sample Descript:	Soil: UST17	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-19	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	**30**	**74**
Benzo (b) fluoranthene	**30**	**46**
Benzo (ghi) perylene	**30**	**57**
Benzo (k) fluoranthene	30	N.D.
Chrysene	**30**	**63**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**250**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	**30**	**54**
Pyrene	**30**	**190**

Analytes reported as N.D. were not present above the stated limit of detection.

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
2012 Grey Stem Circle STE306	Sample Descript:	Soil: UST18	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-20	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	**30**	**39**
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	**30**	**30**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**98**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	**30**	**85**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
912 Grey Stem Circle STE306	Sample Descript:	Soil: UST19	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-21	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
2012 Grey Stem Circle STE306	Sample Descript:	Soil: UST20	Received:	Mar 19, 1999
Burnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-22	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
2012 Grey Stem Circle STE306	Sample Descript:	Soil: UST21	Received:	Mar 19, 1999
Burnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-23	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	**30**	**34**
Benzo (a) pyrene	**30**	**74**
Benzo (b) fluoranthene	**30**	**66**
Benzo (ghi) perylene	**30**	**61**
Benzo (k) fluoranthene	**30**	**35**
Chrysene	**30**	**85**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**180**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	**30**	**90**
Pyrene	**30**	**230**

Analytes reported as N.D. were not present above the stated limit of detection.

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
912 Grey Stem Circle STE306	Sample Descript:	Soil: UST22	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-24	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	**30**	**31**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	**30**	**68**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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GREAT LAKES ANALYTICAL

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Toltest
2012 Grey Stem Circle STE306
Burnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Sample Descript: Soil: UST23
Analysis Method: EPA 8310
Lab Number: 9030389-25

Sampled: Mar 16, 1999
Received: Mar 19, 1999
Extracted: Mar 24, 1999
Analyzed: Mar 24, 1999
Reported: Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	**30**	**2,600**
Acenaphthylene	200	N.D.
Anthracene	**30**	**630**
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	**30**	**30**
Benzo (b) fluoranthene	**30**	**57**
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**31,000**
Fluorene	**30**	**4,200**
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	**30**	**9,300**
Phenanthrene	**30**	**16,000**
Pyrene	**30**	**1,500**

Analytes reported as N.D. were not present above the stated limit of detection.

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
012 Grey Stem Circle STE306	Sample Descript:	Soil: UST24	Received:	Mar 19, 1999
Burnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-26	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**43**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	**30**	**37**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01		Sampled:	Mar 16, 1999
012 Grey Stem Circle STE306	Sample Descript:	Soil: UST25		Received:	Mar 19, 1999
Burnee, IL 60031	Analysis Method:	EPA 8310		Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-27		Analyzed:	Mar 24, 1999
				Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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Kevin W. Keeley
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Toltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
012 Grey Stem Circle STE306	Sample Descript:	Soil: UST26	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-28	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**46**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	**30**	**45**
Pyrene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
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Toltest	Client Project ID:	35374.01		Sampled:	Mar 16, 1999
012 Grey Stem Circle STE306	Sample Descript:	Soil: UST27		Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310		Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-29		Analyzed:	Mar 24, 1999
				Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
012 Grey Stem Circle STE306	Sample Descript:	Soil: UST28	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-30	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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Toltest	Client Project ID:	35374.01	Sampled:	Mar 16, 1999
912 Grey Stem Circle STE306	Sample Descript:	Soil: UST29	Received:	Mar 19, 1999
Gurnee, IL 60031	Analysis Method:	EPA 8310	Extracted:	Mar 24, 1999
Attention: Jeff Tinney	Lab Number:	9030389-31	Analyzed:	Mar 24, 1999
			Reported:	Apr 2, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
Pyrene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Jim Dawe

Kevin W. Keeley
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Tier 1 Table Remediation Objectives (BTEX)

For

Diesel Tank Excavation Samples

TOLTEST, INC.

TIER 1 RESIDENTIAL TABLE

BTEX by EPA Method 5030/8021 (DIESEL)

Target Analyte	Method Detection Limit	UST7	UST8	UST9	UST10	UST11	UST12	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	ND	ND	ND	ND	ND	ND	0.3	0.17	22	0.8
Ethylbenzene	0.025	ND	ND	ND	ND	ND	0.026	13	19	7800	400
Toluene	0.025	ND	ND	0.15	ND	0.086	0.12	12	29	16000	650
Total Xylenes	0.025	ND	ND	0.32	0.084	0.16	0.28	190	190	160000	410
Target Analyte	Method Detection Limit	UST13	UST14	UST15	UST16	UST17	UST18	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	ND	ND	ND	ND	ND	ND	0.3	0.17	22	0.8
Ethylbenzene	0	ND	ND	ND	0.028	ND	ND	13	19	7800	400
Toluene	0.025	0.7	0.072	0.045	ND	ND	ND	12	29	16000	650
Total Xylenes	0.025	0.2	0.029	0.1	ND	ND	ND	190	190	160000	410
Target Analyte	Method Detection Limit	UST19	UST20	UST21	UST22	UST23	UST24	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	ND	ND	ND	ND	ND	ND	0.3	0.17	22	0.8
Ethylbenzene	0.025	ND	ND	ND	ND	0.6	ND	13	19	7800	400
Toluene	0.025	ND	ND	ND	ND	1.1	ND	12	29	16000	650
Total Xylenes	0.025	ND	ND	ND	ND	7.1	ND	190	190	160000	410
Target Analyte	Method Detection Limit	UST25	UST26	UST27	UST28	UST29		Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	ND	ND	ND	ND	ND		0.3	0.17	22	0.8
Ethylbenzene	0.025	ND	ND	ND	ND	ND		13	19	7800	400
Toluene	0.025	ND	ND	ND	ND	ND		12	29	16000	650
Total Xylenes	0.025	ND	0.11	0.03	ND	ND		190	190	160000	410

ND – Non Detect
BTEX – Benzene, Ethylbenzene, Toluene, Total Xylenes
Note - Refer to Figure 2 for sample locations

TIER 1 INDUSTRIAL/COMMERCIAL TABLE

BTEX by EPA Method 5030/8021 (DIESEL)

Target Analyte	Method Detection Limit	UST-007	UST-008	UST-009	UST-010	UST-011	UST-012	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	ND	ND	ND	ND	ND	ND	0.03	0.17	200	1.5
Ethylbenzene	0.025	ND	ND	ND	ND	ND	0.026	13	19	200000	400
Toluene	0.025	ND	ND	0.15	ND	0.086	0.12	12	29	410000	650
Total Xylenes	0.025	ND	ND	0.32	0.084	0.16	0.28	150	150	1000000	410
Target Analyte	Method Detection Limit	UST-013	UST-014	UST-015	UST-016	UST-017	UST-018	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	ND	ND	ND	ND	ND	ND	0.03	0.17	200	1.5
Ethylbenzene	0.025	ND	ND	ND	0.028	ND	ND	13	19	200000	400
Toluene	0.025	0.7	0.072	0.045	ND	ND	ND	12	29	410000	650
Total Xylenes	0.025	0.2	0.029	0.1	ND	ND	ND	150	150	1000000	410
Target Analyte	Method Detection Limit	UST-019	UST-020	UST-021	UST-022	UST-023	UST-024	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	ND	ND	ND	ND	ND	ND	0.03	0.17	200	1.5
Ethylbenzene	0.025	ND	ND	ND	ND	0.6	ND	13	19	200000	400
Toluene	0.025	ND	ND	ND	ND	1.1	ND	12	29	410000	650
Total Xylenes	0.025	ND	ND	ND	ND	7.1	ND	150	150	1000000	410
Target Analyte	Method Detection Limit	UST-025	UST-026	UST-027	UST-028	UST-029		Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	ND	ND	ND	ND	ND		0.03	0.17	200	1.5
Ethylbenzene	0.025	ND	ND	ND	ND	ND		13	19	200000	400
Toluene	0.025	ND	ND	ND	ND	ND		12	29	410000	650
Total Xylenes	0.025	ND	0.11	0.03	ND	ND		150	150	1000000	410

ND – Non Detect
BTEX – Benzene, Ethylbenzene, Toluene, Total Xylenes
Note - Refer to Figure 2 for sample locations

Tier 1 Table Remediation Objectives (PNA's)

For

Transfer Line Excavation Samples

TOLTEST, INC.

TIER 1 RESIDENTIAL TABLE

PNA's by EPA Method 8100 (TRANSFER LINE)

Target Analyte	Method Detection Limit	TL-001	TL-002	TL-003	TL-004	TL-005	TL-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	ND	ND	8.9	0.038	570	2900	4700	*
Anthracene	0.03	ND	ND	0.056	0.061	19	0.083	12000	59000	23000	*
Benzo(a)anthracene	0.03	ND	0.63	0.19	0.13	34	0.21	2	8	0.9	*
Benzo(b)fluoranthene	0.03	ND	0.43	0.19	0.12	27	0.19	2	25	0.9	*
Benzo(k)fluoranthene	0.03	ND	ND	0.094	0.056	12	0.078	49	250	9	*
Benzo(a)pyrene	0.03	ND	0.74	0.24	0.18	34	0.2	8	82	0.09	*
Chrysene	0.03	ND	1.6	0.38	0.26	65	0.34	160	800	88	*
Dibenzo(a,h)anthracene	0.03	ND	ND	0.03	ND	3.8	ND	2	7.6	0.09	*
Fluoranthene	0.03	0.088	2.2	0.68	0.62	130	1	4300	21000	3100	*
Fluorene	0.03	ND	ND	ND	ND	8.9	0.034	560	2800	3100	*
Indeno(1,2,3-c-d)pyrene	0.03	ND	ND	0.086	0.045	29	0.068	14	69	0.9	*
Napthalene	0.03	ND	ND	ND	ND	ND	ND	84	420	3100	*
Pyrene	0.03	0.036	1.8	0.47	0.35	95	0.6	4200	21000	2300	*

Target Analyte	Method Detection Limit	TL-007	TL-008	TL-009	TL-010	TL-011	TL-012	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	0.27	ND	ND	ND	570	2900	4700	*
Anthracene	0.03	0.048	ND	0.57	ND	ND	ND	12000	59000	23000	*
Benzo(a)anthracene	0.03	0.15	ND	1	0.031	0.046	ND	2	8	0.9	*
Benzo(b)fluoranthene	0.03	0.11	ND	0.68	ND	0.04	ND	2	25	0.9	*
Benzo(k)fluoranthene	0.03	0.064	ND	0.4	ND	ND	ND	49	250	9	*
Benzo(a)pyrene	0.03	0.16	ND	1.2	0.087	0.069	ND	8	82	0.09	*
Chrysene	0.03	0.2	ND	1.8	0.067	0.075	ND	160	800	88	*
Dibenzo(a,h)anthracene	0.03	ND	ND	0.1	ND	ND	ND	2	7.6	0.09	*
Fluoranthene	0.03	0.68	ND	2.5	0.23	0.21	ND	4300	21000	3100	*
Fluorene	0.03	ND	ND	0.28	ND	ND	ND	560	2800	3100	*
Indeno(1,2,3-c-d)pyrene	0.03	0.082	ND	0.84	ND	ND	ND	14	69	0.9	*
Napthalene	0.03	ND	ND	0.059	ND	ND	ND	84	420	3100	*
Pyrene	0.03	0.42	ND	2.9	0.11	0.13	ND	4200	21000	2300	*

Note - Refer to Figure 2 for sample locations

ND - Non Detect

* - No toxicity data available for routes of exposure

TIER 1 INDUSTRIAL/COMMERCIAL TABLE

PNA's by EPA Method 8100 (TRANSFER LINE)

Target Analyte	Method Detection Limit	TL-001	TL-002	TL-003	TL-004	TL-005	TL-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	ND	ND	8.9	0.038	570	2900	120000	*
Anthracene	0.03	ND	ND	0.056	0.061	19	0.083	12000	59000	610000	*
Benzo(a)anthracene	0.03	ND	0.63	0.19	0.13	34	0.21	2	8	8	*
Benzo(b)fluoranthene	0.03	ND	0.43	0.19	0.12	27	0.19	5	25	8	*
Benzo(k)fluoranthene	0.03	ND	ND	0.094	0.056	12	0.076	49	250	78	*
Benzo(a)pyrene	0.03	ND	0.74	0.24	0.18	34	0.2	8	82	0.8	*
Chrysene	0.03	ND	1.6	0.38	0.26	65	0.34	160	800	780	*
Dibenzo(a,h)anthracene	0.03	ND	ND	0.03	ND	3.8	ND	2	7.6	0.8	*
Fluoranthene	0.03	0.088	2.2	0.68	0.62	130	1	4300	21000	82000	*
Fluorene	0.03	ND	ND	ND	ND	8.9	0.034	560	2800	82000	*
Indeno(1,2,3-c-d)pyrene	0.03	ND	ND	0.086	0.045	29	0.068	14	69	8	*
Napthalene	0.03	ND	ND	ND	ND	ND	ND	84	420	82000	*
Pyrene	0.03	0.036	1.8	0.47	0.35	95	0.6	4200	21000	61000	*

Target Analyte	Method Detection Limit	TL-007	TL-008	TL-009	TL-010	TL-011	TL-012	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Acenaphthene	0.03	ND	ND	0.27	ND	ND	ND	570	2900	120000	*
Anthracene	0.03	0.048	ND	0.57	ND	ND	ND	12000	59000	610000	*
Benzo(a)anthracene	0.03	0.15	ND	1	0.031	0.046	ND	2	8	8	*
Benzo(b)fluoranthene	0.03	0.11	ND	0.68	ND	0.04	ND	5	25	8	*
Benzo(k)fluoranthene	0.03	0.064	ND	0.4	ND	ND	ND	49	250	78	*
Benzo(a)pyrene	0.03	0.16	ND	1.2	0.087	0.069	ND	8	82	0.8	*
Chrysene	0.03	0.2	ND	1.8	0.067	0.075	ND	160	800	780	*
Dibenzo(a,h)anthracene	0.03	ND	ND	0.1	ND	ND	ND	2	7.6	0.8	*
Fluoranthene	0.03	0.68	ND	2.5	0.23	0.21	ND	4300	21000	82000	*
Fluorene	0.03	ND	ND	0.28	ND	ND	ND	560	2800	82000	*
Indeno(1,2,3-c-d)pyrene	0.03	0.082	ND	0.84	ND	ND	ND	14	69	8	*
Napthalene	0.03	ND	ND	0.059	ND	ND	ND	84	420	82000	*
Pyrene	0.03	0.42	ND	2.9	0.11	0.13	ND	4200	21000	61000	*

Note - Refer to Figure 2 for sample locations

ND - Non Detect

* - No toxicity data available for routes of exposure

GREAT LAKES ANALYTICAL

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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 8, 1999
12 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-001	Received:	Apr 12, 1999
Gurnee, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-01	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**88**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	**30**	**34**
Pyrene	**30**	**36**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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904020901.TOL <3>

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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 8, 1999
12 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-002	Received:	Apr 12, 1999
urnee, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-02	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	300	N.D.
Acenaphthylene	2,000	N.D.
Anthracene	300	N.D.
Benzo (a) anthracene	**300**	**630**
Benzo (a) pyrene	**300**	**740**
Benzo (b) fluoranthene	**300**	**430**
Benzo (ghi) perylene	**300**	**540**
Benzo (k) fluoranthene	300	N.D.
Chrysene	**300**	**1,600**
Dibenzo (a,h) anthracene	300	N.D.
Fluoranthene	**300**	**2,200**
Fluorene	300	N.D.
Indeno (1,2,3-cd) pyrene	300	N.D.
Naphthalene	300	N.D.
Phenanthrene	**300**	**1,200**
Pyrene	**300**	**1,800**

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 8, 1999
12 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-003	Received:	Apr 12, 1999
urnee, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-03	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	56
Benzo (a) anthracene	30	190
Benzo (a) pyrene	30	240
Benzo (b) fluoranthene	30	190
Benzo (ghi) perylene	30	140
Benzo (k) fluoranthene	30	94
Chrysene	30	380
Dibenzo (a,h) anthracene	30	30
Fluoranthene	30	680
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	86
Naphthalene	30	N.D.
Phenanthrene	30	300
rene	30	470

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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904020901.TOL <5>

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487; Tennessee DOH-02801; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917150

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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 8, 1999
2312 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-004	Received:	Apr 12, 1999
Lisle, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-04	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	**30**	**61**
Benzo (a) anthracene	**30**	**130**
Benzo (a) pyrene	**30**	**180**
Benzo (b) fluoranthene	**30**	**120**
Benzo (ghi) perylene	**30**	**95**
Benzo (k) fluoranthene	**30**	**56**
Chrysene	**30**	**260**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**620**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	**30**	**45**
Naphthalene	30	N.D.
Phenanthrene	**30**	**270**
Pyrene	**30**	**350**

Analytes reported as N.D. were not present above the stated limit of detection.

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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 8, 1999
2012 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-005	Received:	Apr 12, 1999
Lurnee, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-05	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	3,000	8,900
Acenaphthylene	20,000	N.D.
Anthracene	3,000	19,000
Benzo (a) anthracene	3,000	34,000
Benzo (a) pyrene	3,000	34,000
Benzo (b) fluoranthene	3,000	27,000
Benzo (ghi) perylene	3,000	19,000
Benzo (k) fluoranthene	3,000	12,000
Chrysene	3,000	65,000
Dibenzo (a,h) anthracene	3,000	3,800
Fluoranthene	3,000	130,000
Fluorene	3,000	8,900
Indeno (1,2,3-cd) pyrene	3,000	29,000
Naphthalene	3,000	N.D.
Phenanthrene	3,000	84,000
Pyrene	3,000	95,000

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 8, 1999
2012 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-006	Received:	Apr 12, 1999
Lisle, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-06	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	**30**	**38**
Acenaphthylene	200	N.D.
Anthracene	**30**	**83**
Benzo (a) anthracene	**30**	**210**
Benzo (a) pyrene	**30**	**200**
Benzo (b) fluoranthene	**30**	**190**
Benzo (ghi) perylene	**30**	**120**
Benzo (k) fluoranthene	**30**	**76**
Chrysene	**30**	**340**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**1,000**
Fluorene	**30**	**34**
Indeno (1,2,3-cd) pyrene	**30**	**68**
Naphthalene	30	N.D.
Phenanthrene	**30**	**460**
Pyrene	**30**	**600**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 8, 1999
812 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-007	Received:	Apr 12, 1999
Lurnee, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-07	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	48
Benzo (a) anthracene	30	150
Benzo (a) pyrene	30	160
Benzo (b) fluoranthene	30	110
Benzo (ghi) perylene	30	150
Benzo (k) fluoranthene	30	64
Chrysene	30	200
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	680
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	82
Naphthalene	30	N.D.
Phenanthrene	30	220
Pyrene	30	420

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 12, 1999
12 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-008	Received:	Apr 12, 1999
urnee, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-08	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
rene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 12, 1999
12 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-009	Received:	Apr 12, 1999
rnee, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-09	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	270
Acenaphthylene	200	N.D.
Anthracene	30	570
Benzo (a) anthracene	30	1,000
Benzo (a) pyrene	30	1,200
Benzo (b) fluoranthene	30	680
Benzo (ghi) perylene	30	510
Benzo (k) fluoranthene	30	400
Chrysene	30	1,800
Dibenzo (a,h) anthracene	30	100
Fluoranthene	30	2,500
Fluorene	30	280
Indeno (1,2,3-cd) pyrene	30	840
Naphthalene	30	59
Phenanthrene	30	2,600
rene	30	2,900

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Jim Dowe for

Kevin W. Keeley
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904020901.TOL <11>

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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 12, 1999
212 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-010	Received:	Apr 12, 1999
Lurnee, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-10	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	**30**	**31**
Benzo (a) pyrene	**30**	**87**
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	**30**	**67**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**230**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	**30**	**73**
Pyrene	**30**	**110**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
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904020901.TOL <12>

Accreditations/Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11497;
Tennessee DOH-02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917160

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Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 12, 1999
2012 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-011	Received:	Apr 12, 1999
Lisle, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-11	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	**30**	**46**
Benzo (a) pyrene	**30**	**69**
Benzo (b) fluoranthene	**30**	**40**
Benzo (ghi) perylene	**30**	**31**
Benzo (k) fluoranthene	30	N.D.
Chrysene	**30**	**75**
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	**30**	**210**
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	**30**	**110**
Pyrene	**30**	**130**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Jim Dawe for

Kevin W. Keeley
Laboratory Director

904020901.TOL <13>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 12, 1999
012 Greystem Circle, Suite 306	Sample Descript:	Soil: TL-012	Received:	Apr 12, 1999
rnee, IL 60031	Analysis Method:	PNA's, EPA 8310	Extracted:	Apr 15, 1999
Attention: Jeff Tinney	Lab Number:	9040209-12	Analyzed:	Apr 16, 1999
			Reported:	Apr 19, 1999

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8310)

Analyte	Detection Limit ug/kg	Sample Results ug/kg
Acenaphthene	30	N.D.
Acenaphthylene	200	N.D.
Anthracene	30	N.D.
Benzo (a) anthracene	30	N.D.
Benzo (a) pyrene	30	N.D.
Benzo (b) fluoranthene	30	N.D.
Benzo (ghi) perylene	30	N.D.
Benzo (k) fluoranthene	30	N.D.
Chrysene	30	N.D.
Dibenzo (a,h) anthracene	30	N.D.
Fluoranthene	30	N.D.
Fluorene	30	N.D.
Indeno (1,2,3-cd) pyrene	30	N.D.
Naphthalene	30	N.D.
Phenanthrene	30	N.D.
rene	30	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Jim Dawe for

Kevin W. Keeley
Laboratory Director

904020901.TOL <14>

Tier 1 Table Remediation Objectives (BTEX)

For

Transfer Line Excavation Samples

TOLTEST, INC.

TIER 1 RESIDENTIAL TABLE

BTEX by EPA Method 5030/8021 (TRANSFER LINE)

Target Analyte	Method Detection Limit	TL-001	TL-002	TL-003	TL-004	TL-005	TL-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	0.23	ND	ND	ND	ND	ND	0.3	0.17	22	0.8
Ethylbenzene	0.025	0.17	ND	0.032	ND	ND	ND	13	19	7800	400
Toluene	0.025	0.063	ND	ND	0.041	ND	ND	12	29	16000	650
Total Xylenes	0.025	0.29	ND	ND	0.042	ND	ND	190	190	160000	410
Target Analyte	Method Detection Limit	TL-007	TL-008	TL-009	TL-010	TL-011	TL-012	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	ND	ND	ND	0.035	ND	ND	0.3	0.17	22	0.8
Ethylbenzene	0	ND	ND	ND	0.035	ND	ND	13	19	7800	400
Toluene	0.025	ND	ND	ND	0.051	ND	ND	12	29	16000	650
Total Xylenes	0.025	0.042	ND	ND	0.095	ND	0.027	190	190	160000	410

ND – Non Detect
BTEX – Benzene, Ethylbenzene, Toluene, Total Xylenes
Note - Refer to Figure 2 for sample locations

TIER 1 INDUSTRIAL/COMMERCIAL TABLE

BTEX by EPA Method 5030/8021 (TRANSFER LINE)

Target Analyte	Method Detection Limit	TL-001	TL-002	TL-003	TL-004	TL-005	TL-006	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	0.23	ND	ND	ND	ND	ND	0.03	0.17	200	1.5
Ethylbenzene	0.025	0.17	ND	0.032	ND	ND	ND	13	19	200000	400
Toluene	0.025	0.063	ND	ND	0.041	ND	ND	12	29	410000	650
Total Xylenes	0.025	0.29	ND	ND	0.042	ND	ND	150	150	1000000	410

Target Analyte	Method Detection Limit	TL-007	TL-008	TL-009	TL-010	TL-011	TL-012	Tier 1 - "Site Component of the Groundwater Ingestion Exposure Route Values"		Tier I - "Exposure Route Specific Values For Soil"	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Class I mg/kg	Class II mg/kg	Ingestion mg/kg	Inhalation mg/kg
Benzene	0.025	ND	ND	ND	0.035	ND	ND	0.03	0.17	200	1.5
Ethylbenzene	0.025	ND	ND	ND	0.035	ND	ND	13	19	200000	400
Toluene	0.025	ND	ND	ND	0.051	ND	ND	12	29	410000	650
Total Xylenes	0.025	0.042	ND	ND	0.095	ND	0.027	150	150	1000000	410

ND – Non Detect
BTEX – Benzene, Ethylbenzene, Toluene, Total Xylenes
Note - Refer to Figure 2 for sample locations

GREAT LAKES ANALYTICAL
1380 Busch Parkway
Buffalo Grove, Illinois 60089
Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest
1012 Grey Stem Circle STE 306
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Matrix Descript: Soil
Analysis Method: EPA 5030/8021
First Sample #: 9030389-09

Sampled: Mar 16, 1999
Received: Mar 18, 1999
Analyzed: Mar 26-27, 1999
Reported: Apr 1, 1999

BTEX ANALYSIS (EPA 8021)

Sample Number	Sample Description	Benzene ug/kg (ppb)	Toluene ug/kg (ppb)	Ethyl Benzene ug/kg (ppb)	Xylenes ug/kg (ppb)
9030389-09	UST7	N.D.	N.D.	N.D.	N.D.
9030389-10	UST8	N.D.	N.D.	N.D.	N.D.
9030389-11	UST9	N.D.	N.D.	150	320
9030389-12	UST10	N.D.	N.D.	N.D.	84
9030389-13	UST11	N.D.	N.D.	86	160
9030389-14	UST12	N.D.	26	120	280
9030389-15	UST13	N.D.	N.D.	700	200
9030389-16	UST14	N.D.	N.D.	72	29
9030389-17	UST15	N.D.	N.D.	45	100
Detection Limits:		**25**	**25**	**25**	**25**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <7>

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest
012 Grey Stem Circle STE 306
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Matrix Descript: Soil
Analysis Method: EPA 5030/8021
First Sample #: 9030389-18

Sampled: Mar 16, 1999
Received: Mar 18, 1999

Analyzed: Mar 26-27, 1999
Reported: Apr 1, 1999

BTEX ANALYSIS (EPA 8021)

Sample Number	Sample Description	Benzene ug/kg (ppb)	Toluene ug/kg (ppb)	Ethyl Benzene ug/kg (ppb)	Xylenes ug/kg (ppb)
9030389-18	UST16	N.D.	28	N.D.	N.D.
9030389-19	UST17	N.D.	N.D.	N.D.	N.D.
9030389-20	UST18	N.D.	N.D.	N.D.	N.D.
9030389-21	UST19	N.D.	N.D.	N.D.	N.D.
9030389-22	UST20	N.D.	N.D.	N.D.	N.D.
9030389-23	UST21	N.D.	N.D.	N.D.	N.D.
9030389-24	UST22	N.D.	N.D.	N.D.	N.D.
9030389-25	UST23	N.D.	600	1,100	7,100
9030389-26	UST24	N.D.	N.D.	N.D.	N.D.
Detection Limits:		**25**	**25**	**25**	**25**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <8>

Accreditations Certifications: Delaware IL 069; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11497
Tennessee DOH-02804; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR 999917160

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest
012 Grey Stem Circle STE 306
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: 35374.01
Matrix Descript: Soil
Analysis Method: EPA 5030/8021
First Sample #: 090389-27

Sampled: Mar 16, 1999
Received: Mar 18, 1999

Analyzed: Mar 26-27, 1999
Reported: Apr 1, 1999

BTEX ANALYSIS (EPA 8021)

Sample Number	Sample Description	Benzene ug/kg (ppb)	Toluene ug/kg (ppb)	Ethyl Benzene ug/kg (ppb)	Xylenes ug/kg (ppb)
0090389-27	UST25	N.D.	N.D.	N.D.	N.D.
0090389-28	UST26	N.D.	N.D.	N.D.	110
0090389-29	UST27	N.D.	N.D.	N.D.	30
0090389-30	UST28	N.D.	N.D.	N.D.	N.D.
0090389-31	UST29	N.D.	N.D.	N.D.	N.D.
Detection Limits:		**25**	**25**	**25**	**25**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

903038903.TTT <9>

GREAT LAKES ANALYTICAL
1380 Busch Parkway
Buffalo Grove, Illinois 60089
Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest, Inc.
)12 Greystem Circle, Suite 306
Gurnee, IL 60031
Attention: Jeff Tinney

Client Project ID: US Navy, Transfer line frrom Bldg 23
Matrix Descript: Soil
Analysis Method: EPA 5030/8021
First Sample #: 9040209-01

Sampled: Apr 8-12 1999
Received: Apr 12, 1999
Analyzed: April 16-19, 1999
Reported: Apr 19, 1999

BTEX ANALYSIS (EPA 8021)

Sample Number	Sample Description	Benzene ug/kg (ppb)	Toluene ug/kg (ppb)	Ethyl Benzene ug/kg (ppb)	Xylenes ug/kg (ppb)
9040209-01	TL-001	230	170	63	290
9040209-02	TL-002	N.D.	N.D.	N.D.	N.D.
9040209-03	TL-003	N.D.	32	N.D.	N.D.
9040209-04	TL-004	N.D.	N.D.	41	42
9040209-05	TL-005	N.D.	N.D.	N.D.	N.D.
9040209-06	TL-006	N.D.	N.D.	N.D.	N.D.
9040209-07	TL-007	N.D.	N.D.	N.D.	42
9040209-08	TL-008	N.D.	N.D.	N.D.	N.D.
9040209-09	TL-009	N.D.	N.D.	N.D.	N.D.
Detection Limits:		**25**	**25**	**25**	**25**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

904020901.TOL <1>

Accreditations/Certifications: Delaware IL 068; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487; Tennessee DOH-0286A; Tennessee DEC; USACE; Virginia 00164; Wisconsin DNR-999917160

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

Toltest, Inc.	Client Project ID:	US Navy, Transfer line frrom Bldg 23	Sampled:	Apr 12, 1999
012 Greystem Circle, Suite 306	Matrix Descript:	Soil	Received:	Apr 12, 1999
Gurnee, IL 60031	Analysis Method:	EPA 5030/8021		
Attention: Jeff Tinney	First Sample #:	9040209-10	Analyzed:	Apr 17, 1999
			Reported:	Apr 19, 1999

BTEX ANALYSIS (EPA 8021)

Sample Number	Sample Description	Benzene ug/kg (ppb)	Toluene ug/kg (ppb)	Ethyl Benzene ug/kg (ppb)	Xylenes ug/kg (ppb)
9040209-10	TL-010	35	35	51	95
9040209-11	TL-011	N.D.	N.D.	N.D.	N.D.
9040209-12	TL-012	N.D.	N.D.	N.D.	27
Detection Limits:		**25**	**25**	**25**	**25**

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Jim Dawe for

Kevin W. Keeley
Laboratory Director

904020901.TOL <2>

ATTACHMENT 2

OSFM UST REMOVAL PERMIT, NOTIFICATION FOR UNDERGROUND STORAGE TANKS, IEPA LUST 20 DAY CERTIFICATE

OFFICE OF THE ILLINOIS STATE FIRE MARSHAL
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, Illinois 62703-4259
(217)785-1020 or (217)785-5878

RECEIVED AUG 24 1998

SEP 01 1998 DIV. OF PETROLEUM & CHEMICAL SAFETY

FOR OFFICE USE ONLY
Facility # 2023811
Permit # 3963-98 for

APPLICATION for Permit for REMOVAL of Underground Storage Tanks. (Please type or print clearly)

(1) OWNER OF TANKS - Corporation, partnership, or other business entity: (Must be mailing address)

Naval Training Center - Great Lakes Environmental Department
Name
201 Decatur Ave. Bldg 1 A
Street Address
Great Lakes, Illinois 60088-5600
City State Zip
JP Messier 847-688-5999 x 51
Contact Person Phone

(2) FACILITY - Facility ID # ~~IL 7170074577~~
(Name and address where tanks are located:)

Naval Training Center, Service School Bldg 2
Name
Bldg 239 Isherwood Ave
Street Address
Great Lakes Illinois 60088-5600 Lake
City State Zip County
JP Messier 847-688-5999 x 51
Contact Person Phone

(3) TANK(S): Fill in the appropriate blanks for the tank(s) to be removed. Attach additional sheet(s) if more space is needed.

# of Tanks	Capacity in gallons	Product to be stored	Date tank last used	# of Tanks	Capacity in gallons	Product to be stored	Date tank last used
23-T-4	18,748	#2 DF	1 Aug 96	✓			
23-T-5	18,748	#2 DF	1 Aug 96	✓			
23-T-29	1000	WO	1 Aug 96	✓			

CONTAMINATED SITE (complete this section for sites where a release has been reported). Reminder: Releases or suspected releases must be reported to IEMA at (800)782-7860 within 24 hours:

IEMA Incident # NA

(5) CONTRACTOR: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that all information submitted is true, accurate and complete.

Tol Test, Inc.
Company Name
2012 Greystem Circle #306
Address
Gurnee Illinois 60031
City State Zip
847-625-8083 847-625-8087
Telephone # Fax #
IL Th 2132 13 Nov 98
Contractor License # Expiration Date
Gary L Vogelsang Program Mgr.
Name of Authorized Representative Title or Position
Gary L Vogelsang 17 Aug 98
Signature Date

FOR OFFICE USE ONLY

After receiving an approved permit, the Contractor the permit was issued to or an employee of that contractor (this does not include a subcontractor) shall establish a date certain to perform the UST activity by contacting the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety, by telephone at the Springfield office at (217)785-1020 or (217)785-5878 between 8:30 a.m. and 12:00 p.m., at which time a mutually agreed upon date and time for the UST activity shall be scheduled. THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.

March 12th

Incident #
990527

(Complete the back side)

Na 4

DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER
AND
ENGINEERING FIELD ACTIVITY, MIDWEST
BUILDING 1-A
2703 SHERIDAN ROAD, SUITE #120
GREAT LAKES, ILLINOIS 60088-5600

5090
Ser N45/ 000143
22 MAR 1999

Illinois Environmental Protection Agency
Bureau of Land #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Springfield, Illinois 62702

Subj: NAVAL TRAINING CENTER (NTC) – GREAT LAKES
BUILDING 239, IEMA INCIDENT # 990527
IEPA GENERATOR # 0971255004

Sir/Madam:

Attached is the 20 Day Certificate for the Leaking Underground Storage (LUST) Program for the subject site/building.

Contaminated soils were encountered during removal of three (3) underground storage tanks at Building 239 on March 12, 1999. The piping systems connected to the tanks were found to be in poor condition. As a result, the surrounding soil was contaminated with #2 diesel fuel and waste oils. This Command is in the process of preparing the 45 Day Report for this site.

The point of contact is Mr. JP Messier at (847) 688-5999 extension 51.

Sincerely,

Mark Schultz
MARK SCHULTZ
Director, Environmental Department
By Direction of
The Commanding Officer

Enclosure: (1) 20 Day Certificate

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 - 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/57.17). This form has been approved by the Forms Management Center.

Underground Storage Tank Owner/Operator:

Please indicate below the type of plan/report that is being submitted to the Agency at this time. This form must be attached to all plans and reports submitted to the Agency pursuant to 35 Ill. Adm. Code 732 and 415 ILCS 5/57-57.17. Please check all that apply.

20 Day Certification	X
45 Day Report	
Free Product Removal Report	

	Initial Submittal	Amended Submittal
Site Classification Plan		
Site Classification Plan Budget		
Site Classification Completion Report		
Groundwater Monitoring Plan (Low Priority)		
Groundwater Monitoring Plan Budget (Low Priority)		
Groundwater Monitoring Results (Low Priority)		
Professional Engineer Certification (Low Priority)		
Corrective Action Plan (High Priority)		
Corrective Action Plan Budget (High Priority)		
Corrective Action Completion Report (High Priority)		
Professional Engineer Certification (High Priority)		
Corrective Action Completion Report (35 IAC Section 732.300(b), 732.400(b) or (c)		
Professional Engineer Certification (35 IAC Section 732.300(b), 732.400(b) or (c)		

I certify under penalty of law that this document was prepared by me or under my direction or supervision. This information is to the best of my belief and knowledge, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine for knowing violations.

Owner	Operator
Department Of the Navy Mark Schultz Naval Training Center (NTC) Environmental Department	
Name:	Name: SAME
Title: Head, Environmental Dept.	Title:
Signature: Mark Schultz	Signature:
Date: 3-22-99	Date:

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 - 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/57.17). This form has been approved by the Forms Management Center.

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
20 Day Certification

A. Site Identification

IEMA Incident # (6 digit): 990527 IEPA Generator # (10 digit): 0971255004

Site Name: Building 239

Site Address (Not a P.O. Box): Naval Training Center (NTC), Great Lakes-Envir. Dept.

City: Great Lakes County: Lake

B. Certification

1. I am/we are the owner and operator of the underground storage tank system(s) from which a release was reported under the IEMA incident correctly identified above;

2. As much of the regulated substance as necessary to prevent further release to the environment has been removed;

3. There has been a visual inspection of any above ground releases or exposed below ground releases;

4. Further migration of the released substance into surrounding soils and groundwater has been prevented;

5. Monitoring of any fire and safety hazards posed by vapors or free product that have migrated from the UST excavation zone and entered subsurface structures (such as sewers or basements) will continue;

6. Hazards posed by contaminated soils that are excavated or exposed as a result of release confirmation, site investigation, abatement or corrective action activities have been remedied;

7. If the treatment remedies included treatment or disposal of soils, the owner/operator has complied with 35 Ill. Adm. Code Parts 722, 724, 725, and 807 through 815;

8. Measurement for the presence of a release has been conducted where contamination was most likely to be present at the UST site;

9. In selecting sample types, sample locations and measurement methods, the nature of the stored substance, type of backfill, depth to groundwater and other factors as appropriate for identifying the presence and source of the release have been considered;

10. The investigations to determine the possible presence of free product, and begin free product removal as soon as possible, if applicable, in accordance with 35 Ill. Adm. Code Section 731.164 or 732.203;

C. Signatures

Owner

Name: Department of the Navy Mark Schultz Naval Training Center

Title: Head, Environmental Department

Address: Building 1A Decatur Ave. Great Lakes, IL 60088-5600

Phone: (847) 688-5999

Signature: Mark Schultz

Date: 3/22/99

Operator

Name: SAME

Title:

Address:

Phone:

Signature:

Date:

Consultant

Firm: TolTest, Inc

Contact: Jeffrey M. Tinney

Title: Project Manager

Address: 1915 N. 12th Street
Toledo, OH 43624

Phone: (847) 689-0697

Signature: Jeffrey M. Tinney

Date: 3/16/99

DEPARTMENT OF THE NAVY
NAVY PUBLIC WORKS CENTER
AND
ENGINEERING FIELD ACTIVITY, MIDWEST
BUILDING 1-A
2703 SHERIDAN ROAD, SUITE #120
GREAT LAKES, ILLINOIS 60088-5600

5090
Ser N45/ 000277
07 JUN 1999

Office of the State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, Illinois 62703-4259

Subj: NAVAL TRAINING CENTER (NTC) – GREAT LAKES
FACILITY ID # 2023811
OSFM TANK NOS. 28, 30, AND 32

Ladies and Gentlemen:

Attached is the Notification Form for Underground Storage Tanks to document removal of all underground storage tanks at Building 239 at NTC Great Lakes, IL. This included one (1) 500 gallon waste oil tank, OSFM Tank No. 28, and two (2) 20,000 gallon #2 diesel fuel oil tanks, OSFM Tank Nos. 30 and 32, respectively.

The point of contact is Mr. Matthew Slack at (847) 688-5999 extension 54.

Sincerely,

Mark Schultz

MARK SCHULTZ
Director, Environmental Department
By direction of
the Commanding Officer

Enclosure: 1. OSFM Notification Form for Underground Storage Tanks

IL	Notification for Underground Storage Tanks	OFFICE USE ONLY

- A separate form must be used for each site.
- If you have more than five tanks, photocopy pages 1-5 and attach to this notification form.
- Please type, or print in ink; the signature under "certification" (section IX) must be signed in Ink.

ID NUMBER

DATE RECEIVED

Facility I.D. # (if known) 2023811 Owner I.D. # (if known) _____

TYPE OF NOTIFICATION

☐ New Facility ☐ Amended (Changes/Corrections/Additional Tanks) Mark all that apply:

____ Owner Address Change (this facility only)
____ Owner Address Change (all facilities owned)
____ New Owner
X Tank(s) Removed (Permit # 3963-98)
____ Tanks Relined (Permit # _____)
____ Tanks Installed (Permit # _____)
____ Tanks Upgraded/Repaired (Permit # _____)
____ Abandonment Notice (Permit # _____)
____ Other _____

I. Ownership of Tank(s)

Department of the Navy
Mark Schultz, Naval Training Center
Environmental Department

Owner Name (Corp., Individual., Public Agency or other Entity)

Building 1A, Decatur Ave.

Mailing Address

Great Lakes IL 60088
City State Zip

Lake

County

J.P. Messier (847) 688-5999 x51
Contact Name (Area Code) Phone

II. Location of Tank(s)

(if same as Section I, Mark box) ☐

Building 239

Facility Name or Company Site Identifier, as applicable

Isherwood Ave.

Street Address or State Road, as applicable (exact address)

SAME
City State Zip

SAME

County

Contact Name (Area Code) Phone

III. TYPE OF OWNERSHIP (mark all that apply)

☐ Current Owner of Tanks
Date Purchased ___/___/___
☐ Former Owner
☐ Ownership Uncertain _____
☐ Other _____

IV. TYPE OF FACILITY

Type of Facility: (Circle correct code)

A. Service Station
B. Bulk Plant
C. Petroleum Distributor
D. Convenience Store
E. Auto Dealer
F. Commercial/Retail
G. Industrial/Manufacturing
H. Private Institution
I. Residence (Non-Farm)
J. Farm
K. Airport
L. Marina
M. City/Town
N. County
O. State
P. Federal (Military)
Q. Federal (Non-Military)
R. School District
S. Port District
T. Utility District
U. Fire Dept.
V. Other Special Service Districts
W. Other _____ (Please Specify)

V. Description of Underground Storage Tanks (Complete entire column for each tank)

Tank Identification Number	Tank No. 23T4	Tank No. 23T5	Tank No. 23T29	Tank No. ___	Tank No. ___
1. Status of Tanks	(30)	(32)	(28)		
Currently in use	☐	☐	☐	☐	☐
Temporarily out of use (Section 2 must be completed)	☐	☐	☐	☐	☐
Permanently out of use (Section 2 must be completed)	☐	☐	☐	☐	☐
Removed (Section 3 must be completed)	X	X	X	☐	☐
Abandoned in place (Section 4 must be completed)	☐	☐	☐	☐	☐
2. Tanks Permanently & Temporarily Out of Use					
Estimated date last used	/ /	/ /	/ /	/ /	/ /
3. Tanks Removed					
Date tank(s) removed	3/12/99	3/12/99	3/12/99	/ /	/ /
Estimated date last used	/ /	/ /	/ /	/ /	/ /
4. Abandoned in Place					
Date tanks filled	/ /	/ /	/ /	/ /	/ /
Tank filled with:					
Inert materials (sand, etc.)	☐	☐	☐	☐	☐
Water	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other (please specify)					
5. Age of Tank					
Date tank installed	/ /	/ /	/ /	/ /	/ /
Date product placed in tank	/ /	/ /	/ /	/ /	/ /
6. Estimated Total Capacity (gallons)					
7. Substances Currently or Last Stored:	TANK No. 30 20,000 DFO	TANK No. 32 20,000 DFO	TANK No. 28 500 WO		
Petroleum					
Diesel	X	X	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐
Gasoline	☐	☐	☐	☐	☐
Used oil	☐	☐	X	☐	☐
Other (Please specify)					
Petroleum Use (if applicable):					
Heating oil (consumptive use on premises)	X	X	☐	☐	☐
Back-up generator	☐	☐	☐	☐	☐
Other (please specify)					
Hazardous Substance:					
Name of principal CERCLA substance					
Chemical Abstract Service (CAS No)					

VI. Description of Underground Storage Tanks (Complete entire column for each tank)

Tank Identification Number	Tank No. 3T4	Tank No. 3T5	Tank No. 3T29	Tank No. ___	Tank No. ___
1. Material of Construction (mark all that apply)	#30	#32	#28		
Asphalt coated or bare steel	☐	☐	☐	☐	☐
Cathodically protected steel	☒	☒	☒	☐	☐
Dielectric coated steel	☐	☐	☐	☐	☐
Composite (steel with fiberglass)	☐	☐	☐	☐	☐
Fiberglass reinforced plastic	☐	☐	☐	☐	☐
Lined interior	☐	☐	☐	☐	☐
Double-walled	☐	☐	☐	☐	☐
Secondary containment	☐	☐	☐	☐	☐
Steel STI-P3	☐	☐	☐	☐	☐
Other (please specify)	___	___	___	___	___
2. Piping Materials (mark all that apply)					
Bare steel	☒	☒	☒	☐	☐
Galvanized steel	☐	☐	☐	☐	☐
Fiberglass reinforced plastic	☐	☐	☐	☐	☐
Cathodically protected	☐	☐	☐	☐	☐
Double-walled	☐	☐	☐	☐	☐
Secondary containment	☐	☐	☐	☐	☐
Dielectric coating	☐	☐	☐	☐	☐
Other (please specify)	___	___	___	___	___
3. Piping Type (mark all that apply)					
European suction	☐	☐	☐	☐	☐
American suction	☒	☒	☐	☐	☐
Pressure	☐	☐	☐	☐	☐
Gravity feed	☐	☐	☒	☐	☐
Other (please specify)	___	___	___	___	___

Tank Identification Number	Tank No. 23T4 #30		Tank No. 23T5 #32		Tank No. 23T29 #28		Tank No.___		Tank No.___	
4. R lease Det ction (Mark all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Manual tank gauging	☐		☐		☐		☐		☐	
Inventory controls	☐		☐		☐		☐		☐	
Automatic tank gauging	☐		☐		☐		☐		☐	
Vapor monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Groundwater monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Interstitial monitoring double-walled tank/piping	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Interstitial monitoring /secondary containment	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Tank tightness testing	☐		☐		☐		☐		☐	
Automatic line leak detector		☐		☐		☐		☐		☐
Line tightness testing		☐		☐		☐		☐		☐
Automatic shut-off device		☐		☐		☐		☐		☐
Continuous alarm system		☐		☐		☐		☐		☐
No requirements (european suction)		☐		☐		☐		☐		☐
Other (please specify)	NONE		NONE		NONE					
5. Corrosion Protection (mark all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Cathodic protection	X	☐	X	☐	X	☐	☐	☐	☐	☐
Impressed current	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Secondary containment	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Exterior coating	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fiberglass reinforced plastic	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Double-walled	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Interior lining	☐		☐		☐		☐		☐	
Other (please specify)										
6. Spill & Overfill Prevention (Mark all that apply)										
Overfill device	☐		☐		☐		☐		☐	
Automatic shut-off	☐		☐		☐		☐		☐	
Overfill Alarm	☐		☐		☐		☐		☐	
Ball float valve	☐		☐		☐		☐		☐	
Spill containment device	☐		☐		☐		☐		☐	
Other (Please specify)	NONE		NONE		NONE					

VII. Certification of Compliance (Complete for all new, upgraded and relined tanks at this location)

Installation (mark all that apply)					
Installer certified by tank and piping manufacturers	☐	☐	☐	☐	☐
Installer certified or licensed by implementing agency	☐	☐	☐	☐	☐
Installer registered by implementing agency	☐	☐	☐	☐	☐
Installer is the owner of the tank(s)	☐	☐	☐	☐	☐
Installation inspected by a registered engineer	☐	☐	☐	☐	☐
Installation inspected & approved by implementing agency	☐	☐	☐	☐	☐
Manufacturer's installation checklists have been completed	☐	☐	☐	☐	☐
Another method allowed by state agency (please specify)	_____	_____	_____	_____	_____

OATH: I certify the information that is provided in section VII is true to the best of my knowledge, and certify that the installation was performed in accordance with all applicable state and federal laws and regulations. **(THIS SECTION MAY ONLY BE COMPLETED BY THE CONTRACTOR. SEPARATE OATH MUST BE SUBMITTED FOR EACH ACTIVITY PERFORMED BY DIFFERENT CONTRACTOR.)**

Tank No. _____ Permit No. _____

Contractor: _____ _____ _____
Name Signature (must be original) Date

_____ _____
Position Company

VIII. Financial Responsibility

Mark all that apply:

☐ Self-Insurance ☐ Guarantee ☐ Certificate of Deposit

☐ Commercial Insurance ☐ Surety Bond ☐ Trust Fund

☐ Risk Retention Group ☐ Letter of Credit ☐ Other Method Allowed

(please specify) _____

IX. Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

MARK SCHULTZ
DIRECTOR
ENVIRONMENTAL DEPT.
Name and official title of owner or owner's authorized representative (print)

Mark Schultz
Signature (must be original)

June 7, 1999
Date Signed

ATTACHMENT 3

UST CERTIFICATE OF DESTRUCTION RECEIPTS

TOLTEST, INC.

Founded in 1927
Toledo, Ohio • Detroit, Michigan • Monroe, Michigan • Pittsburgh, Pennsylvania

Certificate of Destruction

To Whom It May Concern,

I certify the underground storage tanks (UST's) from Building 239 were disposed of in accordance with all applicable local, state, and federal regulations. The UST's were transported to the Cleveland Corp. recycling facility in Zion, Illinois. The tanks were cleaned and had two holes cut in the ends of each tank prior to transportation. Cleveland Corp. accepted the tanks on March 15, 1999. If any further information is required please feel free to contact me at (847) 689-0697.

Thank You,

Jeffrey M. Tinney

Jeffrey M. Tinney

Project Manager

1915 N. 12th St., P.O. Box 2186, Toledo, OH 43603-2186, Phone (419) 241-7175, FAX (419) 321-6259
Quality Engineering, Consulting and Testing Services

ATTACHMENT 4

PHOTOGRAPHIC LOG

TOLTEST, INC.

BLDG 239 23-T-4&5
CHG NE

BLDG 239 23-T-29
CHG SE

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
1a

Description
Left picture is a view of the location of the two Diesel tanks prior to excavation activities. Right picture is a view of the location of the waste oil tank prior to excavation activities.

TOLTEST, INC.

Project No.
35374.01

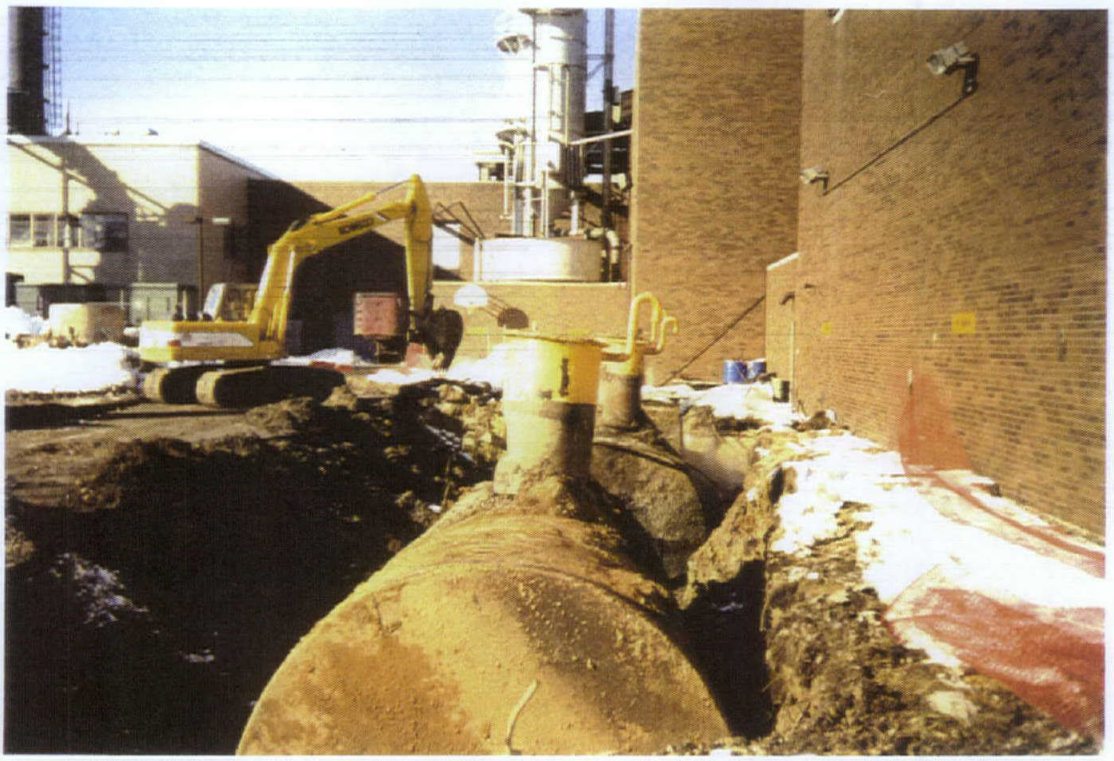
Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M Tinney

Photograph No.
1

Description
View of the concrete vault that housed the valves for the two Diesel tanks being removed. The vault was demolished and the valves were transported to the scrap yard.

TOLTEST, INC.



Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
2

Description
View of the two Diesel tanks being uncovered. The tanks were approximately two feet below grade. Contamination was noticed at approximately two feet below grade.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
3

Description
View of the transfer line uncovered in the UST excavation cavity. The transfer line was manifolded to each Diesel tank.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
4

Description
View of waste oil tank being uncovered. The pipe seen in the center of the picture is the gravity fill line. The lines seen behind the tank are vent lines for the waste oil tank and the two Diesel tanks..

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey. M. Tinney

Photograph No.
5

Description
View of the four-inch supply piping that went inside the building. The pipes were removed back to the building, filled with grout, and sealed with a threaded cap.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
6

Description
View of the waste oil tank being removed from the excavation cavity.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
7

Description
View of the diesel tank being removed from the excavation cavity. Precision Erecting Inc. mobilized a 50-ton crane to pull the tanks from the cavity.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
8

Description
View of the waste oil tank after it was cleaned and cut. The tank was transported to the Cleveland Recycling Facility for disposal.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
9

Description
View of the second tank being prepared for cleaning. The two Diesel tanks were also transported to the Cleveland Recycling Facility for disposal.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
10

Description
View of one Diesel tank being prepared for transportation. Prior to cutting any tank, TolTest preformed air monitoring activities to ensure the LEL and Oxygen levels were within OSHA regulations.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
11

Description
View of site after the tanks were removed from the excavation cavity. The rain water was pumped into a vacuum truck and sent to the American Waste Processing Disposal Facility prior to backfilling the cavity.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
12

Description
View of site being backfilled with three-inch stone to provide a solid base. Approximately 200 ton of stone was imported to the site.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
13

Description
View of site being backfilled with clay. The clay was placed in eight-inch lifts and compacted with a vibratory roller.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
14

Description
View of the site being backfilled to the final grade. Approximately 500 cubic yards of clay was used to backfill the site.

TOLTEST, INC.

Project No.
35374.01

Contract No.
N68950-96-D-0052

Location
Contractor/Photographer
Building 239, UST Removal
Great Lakes Naval Training Center, Illinois
TolTest/Jeffrey M. Tinney

Photograph No.
15

Description
View of the site after restoration of the concrete curbs was finished. The parking lot seen on the left side of the picture was the location the contaminated soil was staged. Approximately 600 yards of contaminated soil was transported to the Pheasant Run Landfill in Bristol, Wisconson.

TOLTEST, INC.

ATTACHMENT 5

MANIFEST DOCUMENTATION

TOLLEST, INC.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 190092

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address / Location If Different
ACOS Installations & Environment
201 Decatur Ave.
Great Lakes, IL 60088

A. Illinois Manifest Document Number IL 7896935 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0977125504

4. "24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS"

5. Transporter 1 Company Name: Kirschoffer Trucking

6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847 395-6202

7. Transporter 2 Company Name

8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

10. US EPA ID Number

G. Facility's IL ID Number 3600690008

H. Facility's Phone (888) 964-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA HW Number
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	
b.					
c.					
d.					

J. Additional Description for Materials Listed Above: 14.91 ton

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional information
Profile #: BI0470561a
Point of Contact: Mr. Kelly Devereaux (847)395-5999 x47
CDF required within 45 days

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Norm Lewis Signature: [signature] Date (Month Day Year): 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brandon Sessine Signature: [signature] Date (Month Day Year):

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Signature: Date (Month Day Year):

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: [illegible] Signature: [illegible] Date (Month Day Year):

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1985, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.)

EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. TI7170024577 — Manifest Document No. 190790

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different
ACOS Installations & Environment
201 Decatur Ave.
Great Lakes, IL 60088

A. Illinois Manifest Document Number IL [illegible] FEE PAID IF APPLICABLE

B. Generator's IL ID Number 1087112504

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS*

5. Transporter 1 Company Name: Hirschbeffer Trucking — 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847) 395-[illegible]

7. Transporter 2 Company Name — 8. US EPA ID Number

E. Transporter's ID Number

9. Designated Facility Name and Site Address — 10. US EPA ID Number
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

F. Transporter's Phone ( )

G. Facility's IL ID Number [illegible]

H. Facility's Phone (888) 334-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above
16.98 tons

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
~~Xrx~~Profile #: 3I0470661a
Point of Contact: Mr. Kelly Devereaux (847)688-5999 X47
COC required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR,** if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name [illegible] — Signature [illegible] — Date Month Day Year 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name [illegible] — Signature [illegible] — Date Month Day Year 04 26 99

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19.
Printed/Typed Name [illegible] — Signature [illegible] — Date Month Day Year

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021 that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 2 [illegible]

508

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89)

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 | Manifest Document No. 90091

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address / Location If Different
ACOS INstallations & Environment
201 Decatur Ave.
Great Lakes, IL 60088

A. Illinois Manifest Document Number IL 7896937 FEE PAID IF APPLICABLE

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847)688-4920

B. Generator's IL ID Number 0977255001

5. Transporter 1 Company Name: Kirschoffer Trucking

6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847 395-6202

7. Transporter 2 Company Name

8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

10. US EPA ID Number

G. Facility's IL ID Number 9550590008

H. Facility's Phone (888 954-4700

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above
17.32 tons

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: 2104706615
Point of Contact: Mr. Kelly Devereaux (847)688-6999 ext
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: J. Mark Lucas | Signature | Date: Month Day Year 04 26 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Mike Sila | Signature | Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name | Signature | Date: Month Day Year

GENERATOR

TRANSPORTER

FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989 Chapter 111 1/2, Section 1004 and 1021 that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine of $ [illegible] per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

#35

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 — Manifest Document No. 190080

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different

ACOS Installations & Environment
201 Decatur Ave,
Great Lakes, IL 60088

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847) 688-4820

A. Illinois Manifest Document Number: IL7896904 — FEE PAID IF APPLICABLE

B. Generator's IL ID Number: 0977125501

C. Transporter's ID Number

D. Transporter's Phone: (847) 395-3202

E. Transporter's ID Number

F. Transporter's Phone ( )

G. Facility's IL ID Number: 0350500003

H. Facility's Phone: (888) 964-4700

5. Transporter 1 Company Name: Kirschoffer Trucking — 6. US EPA ID Number

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address — 10. US EPA ID Number

Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 18.74 tons

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information

Profile #: BI0470651a
Point of Contact: Mr. Kelly Devereaux (847) 688-5999x47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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GENERATOR — Printed/Typed Name: Lyman Lucas — Signature: [signature] — Date (Month Day Year): 042697

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: David Horton — Signature: [signature] — Date (Month Day Year): 042697

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19. — Printed/Typed Name: Horn — Signature: [signature] — Date (Month Day Year): 4 26 97

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 3 - TSD COPY

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 — Manifest Document No. 9008

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different
ACOS Installations & Environment
201 Decatur Ave.
Great Lakes, IL 60088

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (847) 588-4820

A. Illinois Manifest Document Number IL7896908 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 1087012650004

5. Transporter 1 Company Name: Kirschoffer Trucking — 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847) 395-6202

7. Transporter 2 Company Name — 8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address — 10. US EPA ID Number
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

G. Facility's IL ID Number 1950590003

H. Facility's Phone (888) 954-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above
17.67 tons

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: BIC470881a
Point of Contact: Mr Kelly Devereaux (847)585-5999 x47
CCD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year 4 26 99

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19.
Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year

This Agency is authorized to require, pursuant to Illinois Revised Statute 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF H~~AZARDOUS~~ AND SPECIAL WASTE

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

FORM H~~AZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 190289

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address / Location If Different
ACOS Installations & Environmental
201 Decatur Ave.
Great Lakes, IL 60088

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS

A. Illinois Manifest Document Number IL7396936 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0977125504

C. Transporter's ID Number

D. Transporter's Phone (847) 395-6202

E. Transporter's ID Number

F. Transporter's Phone ( )

G. Facility's IL ID Number 1955090003

H. Facility's Phone (386) 364-4700

5. Transporter 1 Company Name: Kirschoffer Trucking — 6. US EPA ID Number

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address: Pheasant Run Landfill, 19414 60th Street, Bristol, WI 53140 — 10. US EPA ID Number

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 16.61

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: 310470561a
Point of Contact: Mr. Kelly Devereaux (847)688-5999 X47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Tom Lord — Signature — Date: Month Day Year 04 26 99

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Zirbel — Signature — Date: Month Day Year 04 26 99

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of h~~AZARDOUS~~ materials covered by this manifest except as noted in item 19.
Printed/Typed Name — Signature — Date: Month Day Year

GENERATOR / TRANSPORTER / FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine of $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1 - TO EPA

...OTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

...OX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 90088

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address Location If Different
ACOS Installations & Environment
201 Decatur Ave.
Great Lakes, IL 60088

A. Illinois Manifest Document Number IL7896902 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0977125504

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (847)689-4620

5. Transporter 1 Company Name: Kirschoffer Trucking 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone 847885-6202

7. Transporter 2 Company Name 8. US EPA ID Number

E. Transporter's ID Number

9. Designated Facility Name and Site Address 10. US EPA ID Number
Pheasant Run Landfill
19414 50th Street
Bristol, WI 53140

F. Transporter's Phone ( )

G. Facility's IL ID Number 9530530006

H. Facility's Phone (888) 964-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above
15.83

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile#: 510470661a
Point of Contact: Mr. Kelly Devereaux (847)688-5999x47
COD required within 45 days

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: [illegible] Signature: [illegible] Date: Month Day Year 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] Signature: [illegible] Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name Signature Date: Month Day Year

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1985 Chapter 111 1/2, Section 1004 and 1021 that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 90086

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address Location If Different
ACOS Installation & Environment
201 Decatur Ave.
Great Lakes, IL 60088

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847)688-4820

A. Illinois Manifest Document Number IL 7896907 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0971125504

C. Transporter's ID Number

D. Transporter's Phone (847) 395-6202

E. Transporter's ID Number

F. Transporter's Phone ( )

G. Facility's IL ID Number 9550590003

H. Facility's Phone (888) 964-4700

5. Transporter 1 Company Name: Kirschoffer Trucking — 6. US EPA ID Number

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address: Pheasant Run Landfill, 19414 60th Street, Bristol, WI 53140 — 10. US EPA ID Number

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 18.40

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: BI0470661a
Point of Contact: Mr. Kelly Devereaux (847)688-5999 x47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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GENERATOR — Printed/Typed Name: Don Lyne — Signature: [signature] — Date (Month Day Year): 04 26 99

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Dave Porter — Signature: [signature] — Date (Month Day Year): 04 26 99

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date (Month Day Year)

FACILITY — 19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19. — Printed/Typed Name: [illegible] — Signature: [signature] — Date (Month Day Year)

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

TYPE (Form designed for use on elite (12-pitch) typewriter.)

State Form LPC 62 8/81 IL532-0610

EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 | Manifest Document No. 90089 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: ACOS Installations & Environment, 201 Decatur Ave., Great Lakes, IL 60088 | Location If Different

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847) 388-4820

A. Illinois Manifest Document Number: IL 7896905 FEE PAID IF APPLICABLE

B. Generator's IL ID Number: 0977125504

5. Transporter 1 Company Name: Kirschoffer Trucking | 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone: (847) 395-8202

7. Transporter 2 Company Name | 8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: Pheasant Run Landfill, 19414 60th Street, Bristol, WI 53140 | 10. US EPA ID Number

G. Facility's IL ID Number: 9550290003

H. Facility's Phone: (883) 954-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 17,47

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: BI0470661a
Point of Contact: Mr. Kelly Devereaux (847)688-5999 x47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: [illegible] | Signature: [illegible] | Date: Month Day Year 04 26 09

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] | Signature: [illegible] | Date: Month Day Year 04 26 09

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19.

Printed/Typed Name: [illegible] | Signature: [illegible] | Date: Month Day Year

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 3 TSD COPY

ONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 299

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89)

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

Form Approved. OMB No. 2050-0039

~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 — Manifest Document No. 90083

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different
ACOS Installation & Environment
201 Decatur Ave.
Great Lakes, IL 60088

A. Illinois Manifest Document Number IL 7896909 FEE PAID IF APPLICABLE

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847)688-4820

B. Generator's IL ID Number 0977125504

5. Transporter 1 Company Name: Kirschoffer Trucking — 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847) 3955202

7. Transporter 2 Company Name — 8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

10. US EPA ID Number

G. Facility's IL ID Number 9550590003

H. Facility's Phone (888) 964-4700

GENERATOR

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.						EPA HW Number
c.						EPA HW Number
d.						EPA HW Number

J. Additional Description for Materials Listed Above: 15.98

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: SI0470861a
Point of Contact: Mr. Kelly Devereaux (847)688-5999 x47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Ron Lucas — Signature — Date: Month Day Year 07 26 97

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mike Smith — Signature — Date: Month Day Year 7 26 97

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19.
Printed/Typed Name — Signature — Date: Month Day Year

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1 - TEST COPY

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89)

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

Form Approved. OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 — Manifest Document No. 190020

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different
ACOS Installations & Environment
201 Decatur Ave.
Great Lakes, IL 60088

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847)688-4820

A. Illinois Manifest Document Number IL 7896911 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0977125504

5. Transporter 1 Company Name: Kirschoffer Trucking — 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847) 395-4700

7. Transporter 2 Company Name — 8. US EPA ID Number

E. Transporter's ID Number

9. Designated Facility Name and Site Address — 10. US EPA ID Number
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

F. Transporter's Phone ( )

G. Facility's IL ID Number 9550590003

H. Facility's Phone (888) 964-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 16, 24

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: SIC470661a
Point of Contact: Mr. Kelly Devereaux (847)688-5999 x47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Norm Lucas — Signature — Date: Month Day Year 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] — Signature — Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Date: Month Day Year

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ONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

FORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 900079

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address Location If Different
ACOS Installations & Environment
201 Decatur Ave.
Great Lakes, IL 60088

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS (847) 688-4020

A. Illinois Manifest Document Number IL 7896919 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0977125504

5. Transporter 1 Company Name: Kirschoffer Trucking 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847) 395-5202

7. Transporter 2 Company Name 8. US EPA ID Number

E. Transporter's ID Number

9. Designated Facility Name and Site Address 10. US EPA ID Number
Phaasant Run Landfill
19414 60th Street
Bristol, WI 53140

F. Transporter's Phone ( )

G. Facility's IL ID Number 9550590003

H. Facility's Phone (888) 954-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroluem Contaminated Soil	0.0.1	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 16.68

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: PIC408661a
Point of Contact: Mr. Kelly Devereaux (847) 688-5999 x47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Don Lucas Signature: [signature] Date (Month Day Year): 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Erbel Signature: [signature] Date (Month Day Year): 04 26 99

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Date (Month Day Year):

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: [illegible] Signature: [illegible] Date (Month Day Year):

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1969, Chapter 111 1/2, Section 1004 and 1021 that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 3 - TSD COPY

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

303

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 190075

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address / Location If Different
ACOS INstallation & Environment
201 Decatur Ave.
Great LAkes, IL 60088

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (847)688-4920

A. Illinois Manifest Document Number IL 7896906 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0977125504

5. Transporter 1 Company Name: Kirschoffer Trucking

6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847) 395-6202

7. Transporter 2 Company Name

8. US EPA ID Number

E. Transporter's ID Number

9. Designated Facility Name and Site Address
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

10. US EPA ID Number

F. Transporter's Phone ( )

G. Facility's IL ID Number 9550530003

H. Facility's Phone (888) 964-4700

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above
15.81

K. Handling Codes for Wastes Listed Above in Item #14

15. Special Handling Instructions and Additional Information
Profile #: BI0470661a
Point of Contact: Mr. Kelly Deveraux (847)585-8993 x47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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GENERATOR

Printed/Typed Name: Don Lyons | Signature | Date Month Day Year: 04 06 97

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19.
Printed/Typed Name | Signature | Date Month Day Year

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ONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 90082

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address / Location If Different
ACOS Installation & Environment
201 Decatur Ave.
Great Lakes, IL 60088

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS (847)688-4820

5. Transporter 1 Company Name: Kirschoffer Trucking — 6. US EPA ID Number

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140
— 10. US EPA ID Number

A. Illinois Manifest Document Number: IL 7896903 FEE PAID IF APPLICABLE

B. Generator's IL ID Number: 0977125504

C. Transporter's ID Number

D. Transporter's Phone: (847) 395-6202

E. Transporter's ID Number

F. Transporter's Phone ( )

G. Facility's IL ID Number: 0550500031

H. Facility's Phone: (888) 964-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above

20.81

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: BI0470561a
Point of Contact: Mr. Kelly Devereaux (847)688-5999x47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Don Lucas — Signature: [signature] — Date: Month Day Year 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] — Signature: [signature] — Date: Month Day Year 04 26 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Schaffner — Signature: [signature] — Date: Month Day Year

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

TYPE (Form designed for use on elite (12-pitch) typewriter.)

State Form LPC 62 8/81 IL532-0610

EPA Form 8700-22 (Rev. 6-89)

Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 — Manifest Document No. 190076

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different

ACOS Installation $ Environment
201 Decatur Ave.
Great Lakes IL, 60088

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847)688-4820

A. Illinois Manifest Document Number: IL 7896915 — FEE PAID IF APPLICABLE

B. Generator's IL ID Number: 0977125604

5. Transporter 1 Company Name: Kirschoffer Trucking — 6. US EPA ID Number

C. Transporter's ID Number

7. Transporter 2 Company Name — 8. US EPA ID Number

D. Transporter's Phone: (847) 395-5202

E. Transporter's ID Number

9. Designated Facility Name and Site Address — 10. US EPA ID Number

Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

F. Transporter's Phone ( )

G. Facility's IL ID Number: 9560590003

H. Facility's Phone: (688) 964-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 17.89

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information

Profile #: Bio470361a
Point of Contact: Mr. Kelly Devereaux (847)598-5999 x47
COD required within 45 days

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Norm Lucas — Signature: [signature] — Date (Month Day Year): 042697

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Dick Hoffelkamp — Signature: [signature] — Date (Month Day Year): 042697

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed Typed Name: [illegible] — Signature: [signature] — Date (Month Day Year)

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989 Chapter 111 1/2, Section 1004 and 1021 that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine of $10,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

299 FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 90079

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address Location If Different
ACOS Installations & Environment
201 Decatur Ave.
Great Lakes, Il 60088

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847) 688-59998

A. Illinois Manifest Document Number IL 7896917 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0977125504

C. Transporter's ID Number

D. Transporter's Phone (847) 395-6202

5. Transporter 1 Company Name: Kirscoffer Trucking 6. US EPA ID Number

7. Transporter 2 Company Name 8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address 10. US EPA ID Number
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

G. Facility's IL ID Number 0550500003

H. Facility's Phone (888) 964-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non_Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 17,80

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: RIC470661a
Point of Contact: Mr. Kelly Devereaux (847)688-5998 x47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Norm Lucas Signature: [signature] Date (Month Day Year): 4 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Mike Silva Signature: [signature] Date (Month Day Year): 4 26 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: [illegible] Signature: [illegible] Date (Month Day Year): 4 26 99

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2 Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/31 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 190075

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address Location If Different
ACOS Installations & Environment
201 Decatur Ave.
Great Lakes, IL 60088

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847)688-4820

A. Illinois Manifest Document Number IL [illegible] FEE PAID IF APPLICABLE

B. Generator's IL ID Number IOR7712[illegible]

5. Transporter 1 Company Name: Kirschoffer Trucking 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847 395-6202

7. Transporter 2 Company Name 8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address 10. US EPA ID Number
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

G. Facility's IL ID Number [illegible]

H. Facility's Phone (888) 964-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	0021	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 18,16

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #: RI0470562a
Point of Contact: Mr. Kelly Deveraaux (847)688-5999x47
COD required within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name [illegible] Signature [signature] Date Month Day Year 042699

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name [illegible] Signature [signature] Date Month Day Year 0769

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name [illegible] Signature [signature] Date Month Day Year

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89)

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILT170026577

Manifest Document No. 90078

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address / Location If Different

ACOS Installations & Environment
201 Decatur Ave.
Great Lakes, IL 60088

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847)688-4820

A. Illinois Manifest Document Number IL 7[illegible] FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0977125504

C. Transporter's ID Number

D. Transporter's Phone (847)395-5202

E. Transporter's ID Number

F. Transporter's Phone ( )

G. Facility's IL ID Number 1550500[illegible]

H. Facility's Phone (888)964-4700

5. Transporter 1 Company Name: Kirschoffer Trucking

6. US EPA ID Number

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
Pheasant Run Landfill
19414 60th Street
Bristol, WI 53140

10. US EPA ID Number

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 22.46

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
Profile #LEI0470661a
Point of Contact: Mr. Kelly Devereaux (847)688-5999 x47
COC required within 45 days

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Tom Lacy | Signature | Date Month Day Year: 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Kirk Zimmel | Signature | Date Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name | Signature | Date Month Day Year

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In case of a spill call the Illinois Office of Emergency Response at 217/782-7860 and the National Response Center at 800/424-8802

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD7120034577 Manifest Document No. 190074

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address / Location If Different

ACOS Installations & Environment
201 Decatur Ave.
Great Lakes, IL 60088

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847)688-4820

A. Illinois Manifest Document Number IL 7[illegible] FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0977125[illegible]

C. Transporter's ID Number

D. Transporter's Phone (847 395-6202

E. Transporter's ID Number

F. Transporter's Phone ( )

G. Facility's IL ID Number 9550[illegible]

H. Facility's Phone (888) 354-4700

5. Transporter 1 Company Name: Kirschoffer Trucking — 6. US EPA ID Number

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address: Pheasant Run Landfill, 19414 60th Street, Bristol, WI 53140 — 10. US EPA ID Number

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 15.77

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information

Profile #: BI0470561a
Point of Contact: Mr. Kelly Devereaux (847) 688-5999 x47
COD received within 45 days

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year 04 26 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: [illegible] — Signature: [illegible] — Date: Month Day Year

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ONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 — Manifest Document No. 90071

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different
ACS Installation & Environmental
201 Decatur Ave.
Great Lakes, IL 60088

A. Illinois Manifest Document Number IL7896924 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0 9 1 7 1 7 V 2 5 5 0 0 4

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS (847) 688-4820

5. Transporter 1 Company Name: Kirchoffer Trucking — 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847) 595-6202

7. Transporter 2 Company Name — 8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address — 10. US EPA ID Number
Pheasant Run Landfill
19404 Lake Street
Bartlett, IL 60103

G. Facility's IL ID Number 1 5 5 1 5 1 9 1 0 0 0 3

H. Facility's Phone (630) 964-4700

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous Non-Regulated (Petroleum Contaminated Soil)	0.C.1	D.T	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 19.11

K. Handling Codes for Wastes Listed Above in Item #14

15. Special Handling Instructions and Additional Information
Profile #: FI0470661a
Call Kenny Lawrence (847) 688-5000 ext 43

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name: Norm Lucas — Signature: [signature] — Date (Month Day Year): 042699

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Dick Kirchoffer — Signature: [signature] — Date (Month Day Year):

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: — Signature: — Date (Month Day Year):

FACILITY — 19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19. — Printed/Typed Name: [illegible] — Signature: [signature] — Date (Month Day Year): 4-26-99

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89)

299 FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. IL7700024577 — Manifest Document No. 190072

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: ACOS Installation & Environmental, 201 Denture Ave, Great Lakes, IL 60088 — Location If Different

A. Illinois Manifest Document Number IL [illegible] FEE PAID IF APPLICABLE

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS*

B. Generator's IL ID Number 1097 7 V R 15 5 0 9 4

5. Transporter 1 Company Name: Kirchbiller Trucking — 6. US EPA ID Number

C. Transporter's ID Number

7. Transporter 2 Company Name — 8. US EPA ID Number

D. Transporter's Phone (847) 595-6202

E. Transporter's ID Number

9. Designated Facility Name and Site Address: Pheasant Run Landfill, 19N 660 Stirrett, Geneva, WI 53140 — 10. US EPA ID Number

F. Transporter's Phone ( )

G. Facility's IL ID Number 9 1 5 1 0 1 5 1 9 0 0 1 3

H. Facility's Phone (888) 904-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	0.01	DT	000015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 18.07

K. Handling Codes for Wastes Listed Above in Item #14

15. Special Handling Instructions and Additional Information: Profile #: BIO 470 6612 — COD required within 45 days

Point of Contact: Mr. Kelly Donovan (847) 688-5999 x47

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Tom Lucas — Signature — Date: Month Day Year 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Mike Sims — Signature — Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name — Signature — Date: Month Day Year

This Agency is authorized to require, pursuant to Illinois Revised Statute 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 190073

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: ARCO Installation Environment, 201 Dearborn Ave, Great Lakes IL 60088

Location If Different

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS (847) 688-4980

A. Illinois Manifest Document Number: IL 7896923 FEE PAID IF APPLICABLE

B. Generator's IL ID Number: 0 9 7 7 1 7 5 5 0 9 4

C. Transporter's ID Number

D. Transporter's Phone (847) 395-5202

E. Transporter's ID Number

F. Transporter's Phone ( )

G. Facility's IL ID Number: 1 5 5 0 5 9 0 0 0 3

H. Facility's Phone (888) 764-4700

5. Transporter 1 Company Name: Kirschbaum Trucking — 6. US EPA ID Number

7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address: Pheasant Run Landfill, 14114 Cortez St, Bristol, WI 53140 — 10. US EPA ID Number

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-Hazardous, NON-Regulated (Petroleum Contaminated Soil)	001	DT	0015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 19.10

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information: Profile #: BI 0417566la ✓ Coordinate within 45 days. Contact: Mr. Kelly Desroeaux (847) [illegible]

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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GENERATOR

Printed/Typed Name: Norm Lukic — Signature: [signature] — Date (Month Day Year): 042699

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: [illegible] — Signature: [signature] — Date (Month Day Year): [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19. — Printed/Typed Name: [illegible] — Signature — Date (Month Day Year)

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

RTSI #351

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.)

State Form LPC 62 8/81 IL532-0610

EPA Form 8700-22 (Rev. 6-89)

Form Approved. OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 19000

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: Acos Installation & Environment, 201 Dartmouth Ave, Grayslake IL 60030 Location If Different

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847) 681-4920

A. Illinois Manifest Document Number: IL 7596922 FEE PAID IF APPLICABLE

B. Generator's IL ID Number: 0 9 7 1 2 5 5 9 4

5. Transporter 1 Company Name: Kirkland Trucking 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter Phone: (847) 395-6202

7. Transporter 2 Company Name 8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: Pheasant Run Landfill, 1941 60th St., Brookfield WI 53140 10. US EPA ID Number

G. Facility's IL ID Number: 1 5 5 0 5 9 0 0 0 3

H. Facility's Phone: (800) 964-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum contaminated soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 19,46

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information: Profile #: BI047066 la
COD required within 45 days
Send copy of COD to: Mike Kelly, Dover, Inc. (Fax) 630-509-9217

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Norman Lucas Signature: [signature] Date: Month Day Year 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: David T. Hunter Signature: [signature] Date: Month Day Year 04 26 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19.

Printed/Typed Name Signature Date: Month Day Year

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL 7170024577 Manifest Document No. 90069

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

Generator's Name and Mailing Address: ACOS Installation and Environment, 201 Decatur Ave, Great Lakes, IL 60088

Location If Different

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS (847) 688-4820

A. Illinois Manifest Document Number IL 7896921 FEE PAID IF APPLICABLE

B. Generator's IL ID Number 0977125504

C. Transporter's ID Number

D. Transporter's Phone (847) 595-6202

5. Transporter 1 Company Name: Kirschoffer Trucking

6. US EPA ID Number

7. Transporter 2 Company Name

8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: Pheasant Run Landfill, 16N 60th Street, Bristol WI 53140

10. US EPA ID Number

G. Facility's IL ID Number 0550590003

H. Facility's Phone (888) 964-4700

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non-Hazardous, Non-Regulated (Petroleum Contaminated Soil)	001	DT	00015	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 16,16

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information: COD required within 45 days. Point of Contact: Mr. Kelly Deuchaux (847) 688-5900 x 117

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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GENERATOR — Printed/Typed Name: NORMAN LUCAS — Signature — Date: Month Day Year 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19. — Printed/Typed Name — Signature — Date: Month Day Year

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

(Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039

FOR SHIPMENT OF ~~HAZARDOUS~~ AND SPECIAL WASTE

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. IL7170024577 Manifest Document No. 90067

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: ALOS Installations & Environment, 201 Dearborn Ave. Great Lakes IL 60088 — Location If Different

A. Illinois Manifest Document Number: IL 7896925 FEE PAID IF APPLICABLE

B. Generator's IL ID Number: 0 9 7 7 1 2 5 5 0 0

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS: (847) 688-4820

5. Transporter 1 Company Name: Kirschhoffer Trucking — 6. US EPA ID Number

C. Transporter's ID Number

D. Transporter's Phone (847) 395-6202

7. Transporter 2 Company Name — 8. US EPA ID Number

E. Transporter's ID Number

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: Pheasant Run Landfill, 19414 60th Street, Bristol, WI 53140 — 10. US EPA ID Number

G. Facility's IL ID Number: 9 5 5 0 5 9 0 0 0 3

H. Facility's Phone (888) 964-4700

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON-Hazardous, NON-Regulated (Petroleum Contaminated Soil)	C.C.1	D.T	0 0 0 1 5	Y	EPA HW Number
b.					EPA HW Number
c.					EPA HW Number
d.					EPA HW Number

J. Additional Description for Materials Listed Above: 18,18

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information: Profile = Bio47000 ✓ COD Required within 45 days. Point of Contact: Mr. Kelly Dearman (847) 688-5400 x47

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR,** if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: NORMAN LACAS — Signature — Date: Month Day Year 04 26 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of ~~hazardous~~ materials covered by this manifest except as noted in item 19. — Printed/Typed Name — Signature — Date: Month Day Year 04 26 99

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021 that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ATTACHMENT 6

SURROUNDING WATER WELL LOCATION MAPS

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	33
Plot:	--
Owner:	AMERICAN STEEL & WIRE CO #5
Driller:	--
Constructed:	00001923
Permit #:	--
Depth:	2035
Record Type:	COG
Use:	IC
Type:	--
Aquifer:	BR
Lambert X/Y:	--

Water Survey ID: 188532

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	33
Plot:	--
Owner:	ABBOTT LABORATORIES
Driller:	BOYSEN
Constructed:	05061983
Permit #:	--
Depth:	119
Record Type:	A
Use:	IC
Type:	--
Aquifer:	BR
Lambert X/Y:	--

Water Survey ID: 188515

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	33
Plot:	2F
Owner:	AMERICAN STEEL & WIRE CO #4
Driller:	--
Constructed:	06001932
Permit #:	--
Depth:	0
Record Type:	C
Use:	IC
Type:	--
Aquifer:	--
Lambert X/Y:	3449694,3390056

FIPS #: 097
Twnshp: 45N
Range: 12E
Sec: 33
Plot: --
Owner: AMERICAN STEEL & WIRE CO #1
Driller: --
Constructed: 00001923
Permit #: --
Depth: 2193
Record Type: OG
Use: IC
Type: --
Aquifer: BR
Lambert X/Y: --

Water Survey ID: 189335
FIPS #: 097
Twnshp: 45N
Range: 12E
Sec: 33
Plot: --
Owner: ABBOTT LABORATORY
Driller: GRAY
Constructed: 00001955
Permit #: --
Depth: 1600
Record Type: A
Use: IC
Type: --
Aquifer: BR
Lambert X/Y: --

Water Survey ID: 188513
FIPS #: 097
Twnshp: 45N
Range: 12E
Sec: 33
Plot: --
Owner: AMERICAN STEEL & WIRE CO #2
Driller: --
Constructed: 00001923
Permit #: --
Depth: 2058
Record Type: COG
Use: IC
Type: --
Aquifer: BR
Lambert X/Y: --

Water Survey ID: 188512

FIPS #: 097
Twnshp: 45N
Range: 12E
Sec: 33
Plot: --
Owner: ABBOTT LABORATORIES
Driller: BOYSEN
Constructed: 0506198
Permit #: --
Depth: 82
Record Type: A
Use: IC
Type: --
Aquifer: UN
Lambert X/Y: --

Water Survey ID: 188537
FIPS #: 097
Twnshp: 45N
Range: 2E
Sec: 33
Plot: --
Owner: AMERICAN STEEL & WIRE CO
Driller: --
Constructed: 00001891
Permit #: --
Depth: 2004
Record Type: OG
Use: IC
Type: --
Aquifer: BR
Lambert X/Y: --

Water Survey ID: 188538
FIPS #: 097
Twnshp: 45N
Range: 12E
Sec: 33
Plot: --
Owner: AMERICAN STEEL & WIRE CO
Driller: --
Constructed: 00001898
Permit #: --
Depth: 2000
Record Type: OG
Use: IC
Type: --
Aquifer: BR
Lambert X/Y: --

Water Survey ID: 188539

Water Survey ID: 188511
FIPS #: 097
Twnshp: 45N
Range: 12E
Sec: 33
Plot: --
Owner: ABBOTTS LABORATORY
Driller: DROVER
Constructed: 05001921
Permit #: --
Depth: 380
Record Type: RGC
Use: IC
Type: --
Aquifer: BR
Lambert X/Y: --

Water Survey ID: 188535
FIPS #: 097
Twnshp: 45N
Range: 12E
Sec: 33
Plot: --
Owner: ABBOTT LABORATORIES
Driller: BOYSEN
Constructed: 05061983
Permit #: --
Depth: 118
Record Type: A
Use: IC
Type: --
Aquifer: BR
Lambert X/Y: --

Water Survey ID: 188514
FIPS #: 097
Twnshp: 45N
Range: 12E
Sec: 33
Plot: --
Owner: CYCLONE FENCE CO
Driller: --
Constructed: 07001929
Permit #: --
Depth: 970
Record Type: C
Use: IC
Type: --
Aquifer: --
Lambert X/Y: --
Water Survey ID: 188536

Water Survey ID: 230535

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	32
Plot:	–
Owner:	GARY NEPSTAD LOT 61
Driller:	BEACH PUMP & WELL
Constructed:	01181991
Permit #:	WW# 91-16-0044
Depth:	175
Record Type:	RG
Use:	DO
Type:	–
Aquifer:	BR
Lambert X/Y:	3442846,3388986

Water Survey ID: 188533

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	33
Plot:	–
Owner:	ABBOTT LABORATORIES
Driller:	BOYSEN
Constructed:	05061983
Permit #:	–
Depth:	134
Record Type:	A
Use:	IC
Type:	–
Aquifer:	BR
Lambert X/Y:	–

Water Survey ID: 188534

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	33
Plot:	–
Owner:	ABBOTT LABORATORIES
Driller:	BOYSEN
Constructed:	05061983
Permit #:	–
Depth:	112
Record Type:	A
Use:	IC
Type:	–
Aquifer:	–
Lambert X/Y:	–

Water Survey ID: 293519

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	31
Plot:	2G
Owner:	R.LEAVITT CONST.
Driller:	BEACH PUMP & WELL
Constructed:	02141997
Permit #:	097-0682-96
Depth:	75
Record Type:	RG
Use:	DO
Type:	DL
Aquifer:	UN
Lambert X/Y:	3439222,3390575

Water Survey ID: 229284

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	31
Plot:	5E
Owner:	AL CHRISTENSON LOT #12 & 13
Driller:	MICHAEL GROSS
Constructed:	03311991
Permit #:	90-16-0315
Depth:	238
Record Type:	RG
Use:	CS
Type:	--
Aquifer:	BR
Lambert X/Y:	3437265,3389262

Water Survey ID: 188531

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	31
Plot:	7F
Owner:	LAKE COUNTY FOR PRES
Driller:	GAFFKE
Constructed:	10071982
Permit #:	105116
Depth:	195
Record Type:	RG
Use:	IR
Type:	--
Aquifer:	BR
Lambert X/Y:	3435945,3389914

Water Survey ID: 188530

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	31
Plot:	–
Owner:	BALMES NURSERY
Driller:	BOYSEN
Constructed:	03081983
Permit #:	–
Depth:	0
Record Type:	A
Use:	IC
Type:	–
Aquifer:	–
Lambert X/Y:	3437597,3388935

Water Survey ID: 286788

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	31
Plot:	–
Owner:	AMHURST LAKE BUS. PARK #2
Driller:	EFFLANDT
Constructed:	08201990
Permit #:	90-16-0491
Depth:	260
Record Type:	RG
Use:	IC
Type:	DL
Aquifer:	BR
Lambert X/Y:	3437937,3387954

Water Survey ID: 286787

FIPS #:	097
Twnshp:	45N
Range:	12E
Sec:	31
Plot:	–
Owner:	AMHURST LAKE BUS. PK. #1
Driller:	EFFLANDT
Constructed:	05081990
Permit #:	90-16-0490
Depth:	260
Record Type:	RG
Use:	IC
Type:	DL
Aquifer:	BR
Lambert X/Y:	3437937,3387954

Water Survey ID: 188323
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 07
Plot: 5G
Owner: PICKERS CONS CO
Driller: BOYSEN
Constructed: 07001961
Permit #: --
Depth: 162
Record Type: OCG
Use: IC
Type: --
Aquifer: UN
Lambert X/Y: 3437362,3379990

Water Survey ID: 188321
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 07
Plot: 8H
Owner: PLANTATION BAKING CO
Driller: HOOVER
Constructed: 05031968
Permit #: 004743
Depth: 263
Record Type: RG
Use: IC
Type: --
Aquifer: BR
Lambert X/Y: 3435401,3380632

Water Survey ID: 188310
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 08
Plot: --
Owner: SHELL GAS STATION
Driller: AUSHERMAN
Constructed: 00001930
Permit #: --
Depth: 247
Record Type: O
Use: IC
Type: --
Aquifer: --
Lambert X/Y: 3442952,3378384

Water Survey ID: 188326

FIPS #:	097
Twnshp:	44N
Range:	12E
Sec:	07
Plot:	4D
Owner:	FULL MOON RESTAURANT
Driller:	GROSS
Constructed:	05011984
Permit #:	111773
Depth:	220
Record Type:	RG
Use:	IC
Type:	--
Aquifer:	BR
Lambert X/Y:	3438034,3378029

Water Survey ID: 240264

FIPS #:	097
Twnshp:	44N
Range:	12E
Sec:	07
Plot:	5C
Owner:	CHUNG LEE
Driller:	SNELTEN
Constructed:	02111992
Permit #:	91-12-1628
Depth:	202
Record Type:	RG
Use:	DO
Type:	--
Aquifer:	BR
Lambert X/Y:	3437387,3377376

Water Survey ID: 188322

FIPS #:	097
Twnshp:	44N
Range:	12E
Sec:	07
Plot:	5E
Owner:	PLANTATION BAKING CO
Driller:	HOOVER
Constructed:	04001968
Permit #:	--
Depth:	263
Record Type:	OICG
Use:	IC
Type:	--
Aquifer:	BR
Lambert X/Y:	3437374,3378683

Water Survey ID: 188324
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 07
Plot: --
Owner: SEARLE TECH CENTER TEST HOLE 5
Driller: MILLER
Constructed: 10001962
Permit #: --
Depth: 168
Record Type: OC
Use: TH
Type: --
Aquifer: --
Lambert X/Y: 3437704,3378356

Water Survey ID: 188309
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 07
Plot: --
Owner: TROJAN OIL CO
Driller: BOYSEN
Constructed: 07001940
Permit #: --
Depth: 187
Record Type: OG
Use: IC
Type: --
Aquifer: UN
Lambert X/Y: 3437704,3378356

Water Survey ID: 188325
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 07
Plot: --
Owner: SEARLE TECHNOLOGICAL T H #6
Driller: MILLER
Constructed: 10001962
Permit #: --
Depth: 90
Record Type: OC
Use: TH
Type: --
Aquifer: UN
Lambert X/Y: 3437704,3378356

Driller:	HOOVER
Constructed:	00001988
Permit #:	–
Depth:	250
Record Type:	I
Use:	IC
Type:	–
Aquifer:	BR
Lambert X/Y:	3437341,3381972

Water Survey ID: 189332

FIPS #:	097
Twnshp:	44N
Range:	12E
Sec:	06
Plot:	5B
Owner:	ABBOTT LABORATORY #2
Driller:	HOOVER
Constructed:	02151968
Permit #:	004233
Depth:	250
Record Type:	RG
Use:	IC
Type:	–
Aquifer:	BR
Lambert X/Y:	3437341,3381972

Water Survey ID: 232183

FIPS #:	097
Twnshp:	44N
Range:	12E
Sec:	06
Plot:	5D
Owner:	ABBOTT LABORATORY
Driller:	–
Constructed:	00001953
Permit #:	–
Depth:	270
Record Type:	I
Use:	IC
Type:	–
Aquifer:	BR
Lambert X/Y:	3437327,3383309

Permit #: –
Depth: 157
Record Type: O
Use: IC
Type: –
Aquifer: BR
Lambert X/Y: 3437651,3383645

Water Survey ID: 188319
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 06
Plot: 1E
Owner: BALMES GREENHOUSE
Driller: GAFFKE
Constructed: 03151983
Permit #: 106413
Depth: 190
Record Type: RG
Use: IC
Type: –
Aquifer: BR
Lambert X/Y: 3439943,3383990

Water Survey ID: 188320
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 06
Plot: 2C
Owner: LAKELAND BUS LINE #2
Driller: HOOVER
Constructed: 12031971
Permit #: 015711
Depth: 107
Record Type: RGX
Use: IC
Type: –
Aquifer: UN
Lambert X/Y: 3439296,3382652

Water Survey ID: 232184
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 06
Plot: 5B
Owner: ABBOTT LABORATORY

Record Type: ICX
Use: IC
Type: –
Aquifer: BR
Lambert X/Y: 3445185,3384723

Water Survey ID: 188317
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 05
Plot: 5H
Owner: ERNIE PETERSON PLUMBING INC
Driller: HOOVER
Constructed: 07291981
Permit #: 098171
Depth: 242
Record Type: RGX
Use: IC
Type: –
Aquifer: BR
Lambert X/Y: 3442554,3386027

Water Survey ID: 188318
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 06
Plot: –
Owner: THOMPSON DYKE & ASSOC
Driller: HOOVER
Constructed: 01061986
Permit #: –
Depth: 225
Record Type: A
Use: IC
Type: –
Aquifer: BR
Lambert X/Y: 3437651,3383645

Water Survey ID: 188308
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 06
Plot: –
Owner: ABBOTT LAB
Driller: –
Constructed: 00001952

Type: –
Aquifer: BR
Lambert X/Y: 3442899,3383689

Water Survey ID: 188307
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 05
Plot: –
Owner: CHICAGO HARDWARE FOUNDRY CO
Driller: FERGUSON
Constructed: 05001929
Permit #: –
Depth: 206
Record Type: CO
Use: IC
Type: –
Aquifer: BR
Lambert X/Y: 3442899,3383689

Water Survey ID: 189333
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 05
Plot: –
Owner: CHICAGO HARDWARE FOUNDRY CO
Driller: –
Constructed: 00001923
Permit #: –
Depth: 928
Record Type: OG
Use: IC
Type: –
Aquifer: BR
Lambert X/Y: 3442899,3383689

Water Survey ID: 188316
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 05
Plot: 1F
Owner: N CHICAGO REFINERS #2
Driller: HOOVER
Constructed: 12001970
Permit #: –
Depth: 1276

PRIVATE WELL DATABASE QUERY RESULTS
November 25, 1997

Water Survey ID: 188305
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 04
Plot: –
Owner: SAGES LOCK CO
Driller: FERGUSON
Constructed: 10241930
Permit #: –
Depth: 210
Record Type: O
Use: IC
Type: –
Aquifer: BR
Lambert X/Y: –

Water Survey ID: 188306
FIPS #: 097
Twnshp: 44N
Range: 2E
Sec: 05
Plot: –
Owner: CHICAGO HARDWARE FOUNDRY CO
Driller: FERGUSON
Constructed: 05001929
Permit #: –
Depth: 928
Record Type: CO
Use: IC
Type: –
Aquifer: BR
Lambert X/Y: 3442899,3383689

Water Survey ID: 189334
FIPS #: 097
Twnshp: 44N
Range: 12E
Sec: 05
Plot: –
Owner: CHICAGO HARDWARE FOUNDRY CO #5
Driller: –
Constructed: 00001920
Permit #: –
Depth: 200
Record Type: OGC
Use: IC

Name:	SHOREACRES GOLF COURSE
Well No:	3
Status:	I
Location:	09744N12E097A
Depth:	272
Type Log:	D
Const. Date:	1969
Driller:	HENRY BOYSEN CO
Lambert X/Y:	3446609,3376121

ISWS ID:	09704945
Name:	SHOREACRES GOLF COURSE
Well No:	2
Status:	I
Location:	09744N12E098D
Depth:	210
Type Log:	-
Const. Date:	1920
Driller:	PETTIS
Lambert X/Y:	3446090,3378336

ISWS ID:	09797090
Name:	STRAWBERRY 1 CONDOMINIUM DEVLP
Well No:	1
Status:	E
Location:	09744N12E076E
Depth:	215
Type Log:	D
Const. Date:	1972
Driller:	HENRY BOYSEN CO
Lambert X/Y:	3436689,3378966

ISWS ID:	09797090
Name:	STRAWBERRY 1 CONDOMINIUM DEVLP
Well No:	2
Status:	E
Location:	09744N12E076E
Depth:	295
Type Log:	D
Const. Date:	1972
Driller:	HENRY BOYSEN CO
Lambert X/Y:	3436493,3378464

PUBLIC-INDUSTRIAL-COMMERCIAL DATABASE QUERY RESULTS
November 25, 1997

ISWS ID:	09704921
Name:	FULL MOON RESTAURANT
Well No:	1
Status:	I
Location:	09744N12E074D
Depth:	220
Type Log:	D
Const. Date:	1984
Driller:	MICHAEL GROSS
Lambert X/Y:	3437932,3377769

ISWS ID:	09704921
Name:	FULL MOON RESTAURANT
Well No:	2
Status:	I
Location:	09744N12E074D
Depth:	1000
Type Log:	D
Const. Date:	1992
Driller:	GEORGE E GAFFKE
Lambert X/Y:	3438034,3378029

ISWS ID:	09704940
Name:	PLANTATION CONFECTION CO
Well No:	1
Status:	I
Location:	09744N12E075E
Depth:	263
Type Log:	D
Const. Date:	1968
Driller:	HOOVER WATER WELL
Lambert X/Y:	3437441,3378621

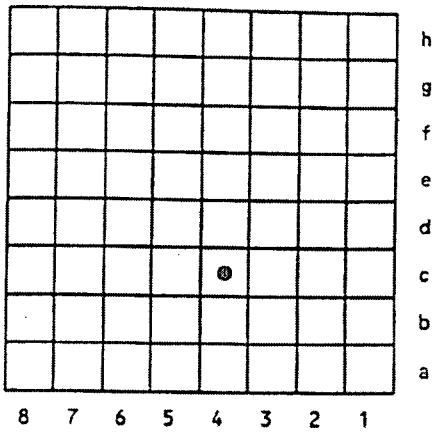
ISWS ID:	09704945
Name:	SHOREACRES GOLF COURSE
Well No:	1
Status:	A
Location:	09744N12E094A
Depth:	285
Type Log:	-
Const. Date:	1920
Driller:	PETTIS
Lambert X/Y:	3448522,3375905

ISWS 10-ACRE PLOT LOCATION SYSTEM

The following is an explanation of the ISWS Private Well Database location system.

The location system uses Township, Range, and Section. The location consists of five parts: County abbreviation, Township, Range, Section, and coordinate within the section (subsection or 10-acre plot). Sections are divided into rows of ⅛-mile squares. Each ⅛-mile square contains 10 acres and corresponds to a quarter of a quarter of a quarter section. A normal section of 1 square mile contains 8 rows of ⅛-mile squares; an odd-sized section contains more or fewer rows. Rows are numbered from east to west and lettered from south to north as shown in the diagram.

Example: St. Clair County, FIP No. 163
T2N, R10W
Section 23



The location of the well shown above is 163 2N10W-23.4c. The well point is located at the center of this 10-acre plot.

ILLINOIS STATE WATER SURVEY
PRIVATE WELL DATABASE EXPLANATION

TWN	TOWNSHIP
RNG	RANGE
SC	SECTION
PL	PLOT LOCATION
OWNER	WELL OWNER
DRILLER	WELL DRILLING CONTRACTOR OF WELL
DATE	DATE INITIALLY DRILLED
PERMIT	PERMIT CODE LETTER INDICATED AGENCY WHICH ISSUED PERMIT #
	M - MINES AND MINERALS (After 1988 Only Observation Wells And Irrigation Wells)
	P - PUBLIC HEALTH (All Non-Community Supplies)
	E - EPA (Community Supplies)
	N - NO FEE
	X - UNDETERMINED
DEPTH	DEPTH (Well To Nearest Ft)
REC	RECORD TYPE (Types Of Information On File)
	R - CONSTRUCTION REPORT
	G - GEOLOGY
	S - SEALED
	A - AFFIDAVIT
	C - CHEMICAL ANALYSIS
	I - INVENTORY
	X - INDICATES COMMENT IN OWNERS FIELD SOMETHING UNUSUAL
	O - ANY OTHER TYPE OF RECORD
US	WELL USE - A TWO LETTER CODE INDICATING THE USAGE OF THE WELL
	CO - CONSERVATION
	CS - COMMUNITY SUPPLY
	DO - DOMESTIC
	DW - DE-WATERING
	IC - INDUSTRIAL/COMMERCIAL
	IR - IRRIGATION
	MO - MONITORING
	NC - NON-COMMUNITY
	OB - OBSERVATION
	PK - PARK
	RC - RECOVERY WELL
	RW - RELIEF WELL

ILLINOIS STATE WATER SURVEY
PICS DATABASE EXPLANATION

SWS ID	ISWS facility ID number
Name	Facility name
No.	ISWS point source well/intake number
Status	Point source status of well/intake A = Abandoned - no longer in existence, no affidavit on file, or do not know if it has been filled in C = Capped - cap attached to top D = Disconnected - disconnected from system E = Emergency - available for standby use I = In Use - produces major portion of water O = Observation - used for water level measurements S = Sealed - filled in U = Unused - exists but not used
Location	County, Township, Range, Section, 10-Acre plot
Depth	Depth (well to nearest ft)
Type log	D = driller's log C = correlated log S = sample study log - = log not available
Year constructed	Year point source initially constructed
Driller	Well drilling contractor of well

ILLINOIS DEPARTMENT OF NATURAL RESOURCES

Illinois State Water Survey

Main Office • 2204 Griffith Drive • Champaign, IL 61820-7495 • Tel (217) 333-2210 • Fax (217) 333-6540
Peoria Office • P.O. Box 697 • Peoria, IL 61652-0697 • Tel (309) 671-3196 • Fax (309) 671-3106
Ground-Water Section • Tel (217) 333-4300 • Fax (217) 244-0777

SWS

May 6, 1999

Mr. Jeff Tinney
36099 N. Grand Oaks Court
Gurnee, IL 60031

Dear Mr. Tinney:

As you requested by telephone on April 29, we are enclosing printouts from our Private Well and Public, Industrial, Commercial Survey (PICS) Databases for Section 4 of Township 44N., Range 12E., in Lake County. Please be aware Lake County has not been completed on our Private Well Database; therefore more records may be in our files than appear on the printout.

No available information is indicated on the printout by the statement "0 records were found for the specified locations." Also enclosed are explanations of the Illinois State Water Survey Private Well and PICS Databases.

The data included in the Private Well Database are those non-municipal wells which are known to the Illinois State Water Survey, and the PICS Database is an inventory of municipal well information and large industrial ground-water users. We may not have a copy of well records for these ground-water users.

The invoice for this request, covering the $20.00 query fee for private well information and a $0.10 per page charge for 3 pages, plus a $5.00 shipping and handling fee, totaling $25.30, will be sent to your attention at:

Toltest Inc.
1915 N. 12th Street
Toledo, OH 43624

If you have any questions or if we can be of further assistance, please call.

Sincerely,

Susie Dodd

Susie Dodd
Assistant Supportive Scientist
Ground-Water Section
Phone: (217) 333-9043

sd/pl
Enclosures as stated

Printed on recycled paper

Query the Private Well Database through the World Wide Web
http://gwinfo.sws.uiuc.edu/gwdb-query.html

County: Lake

Township Code: 44N
Range Code: 12E
Section Codes: 4

1 records were found for the specified locations.

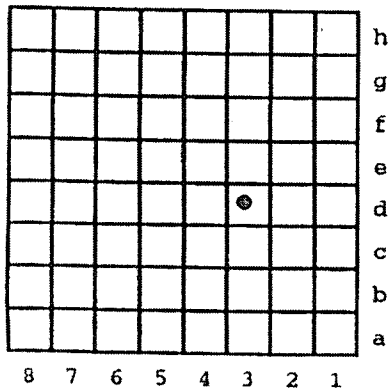
Questions : Contact the Illinois State Water Survey's Ground Water Division @ (217)333-9043
Publication: Please cite the Illinois State Water Survey's Private-Well Database in all publications based wholly or partially on this information.

Please Note:

The data in the Private Well Inventory Database is a listing of those non-municipal wells which are known to the Illinois State Water Survey (ISWS). This information has been entered verbatim from well logs submitted by the driller, chemical analysis reports, well sealing forms, well inventory forms from the 1930-1934 well survey, and other special projects. The accuracy of this data is controlled by those who submitted the form. Information in the private well database has not been verified.

This data cannot be resold or redistributed. The Illinois State Water Survey must be acknowledged in any use of this material.

Location of 10-acre-plot within a Section



The origin can be found at the lower-right-hand corner of an 8 x 8 grid. In this example, the well is in 10-acre plot 3d.

(OFFICE) (USE ONLY)	FIPS	TWN	RNG	SC	PL	OWNER	DRILLER	DATE	PERMIT	DPTH	REC	US	TY	AQ
188305	097	44N	12E	04		SAGES LOCK CO	FERGUSON	10/24/1930		210	0	IC	--	BR

Query the PICS Database through the World Wide Web
http://gwinfo.sws.uiuc.edu/gwdb-query.html

County: Lake

Township Code: 44N
Range Code: 12E
Section Codes: 4

0 records were found for the specified locations.

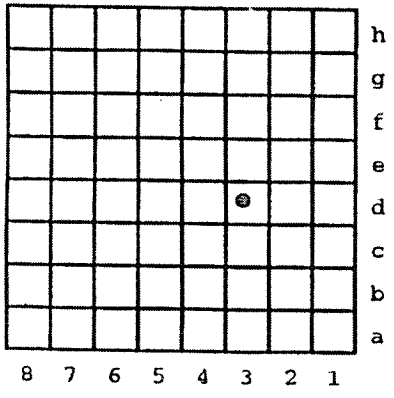
Questions : Contact the Illinois State Water Survey's Ground Water Division @ (217)333-7223
Publication: Please cite the Illinois State Water Survey's PICS (Public-Industrial-Commercial) Database in all publications based wholly or partially on this information.

Please Note:

The data in the PICS Database is a listing of municipal and large industrial and commercial wells which are known to the Illinois State Water Survey (ISWS). The information was initially entered from public water supply data and supplemented with the Illinois Water Inventory Project data. This database is updated as additional information is received and verified.

This data cannot be resold or redistributed. The Illinois State Water Survey must be acknowledged in any publication of this material.

Location of 10-acre-plot within a Section



The origin can be found at the lower-right-hand corner of an 8 x 8 grid. In this example, the well is in 10-acre plot 3d.

FIGURES

SITE LOCATION MAP (FIGURE 1), SITE SAMPLE LOCATION MAP (FIGURE 2), SITE BOUNDARY MAP (FIGUIRE 3), UST EXCAVATION CROSS SECTIONS (FIGURE 4)

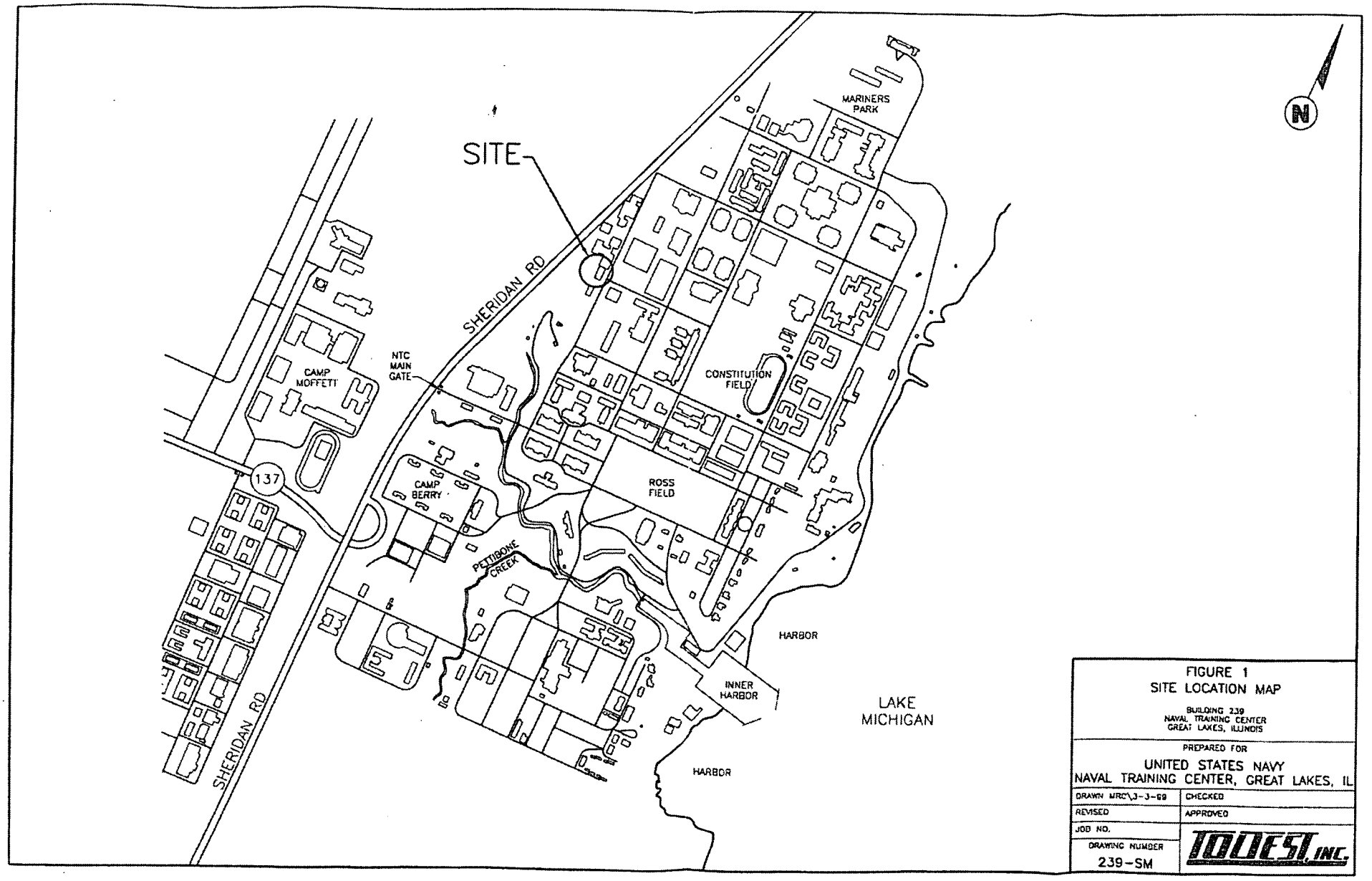


FIGURE 1
SITE LOCATION MAP

BUILDING 239
NAVAL TRAINING CENTER
GREAT LAKES, ILLINOIS

PREPARED FOR

UNITED STATES NAVY
NAVAL TRAINING CENTER, GREAT LAKES, IL

DRAWN MRC\3-3-99	CHECKED
REVISED	APPROVED
JOB NO.	
DRAWING NUMBER 239-SM	TOLDEST, INC.

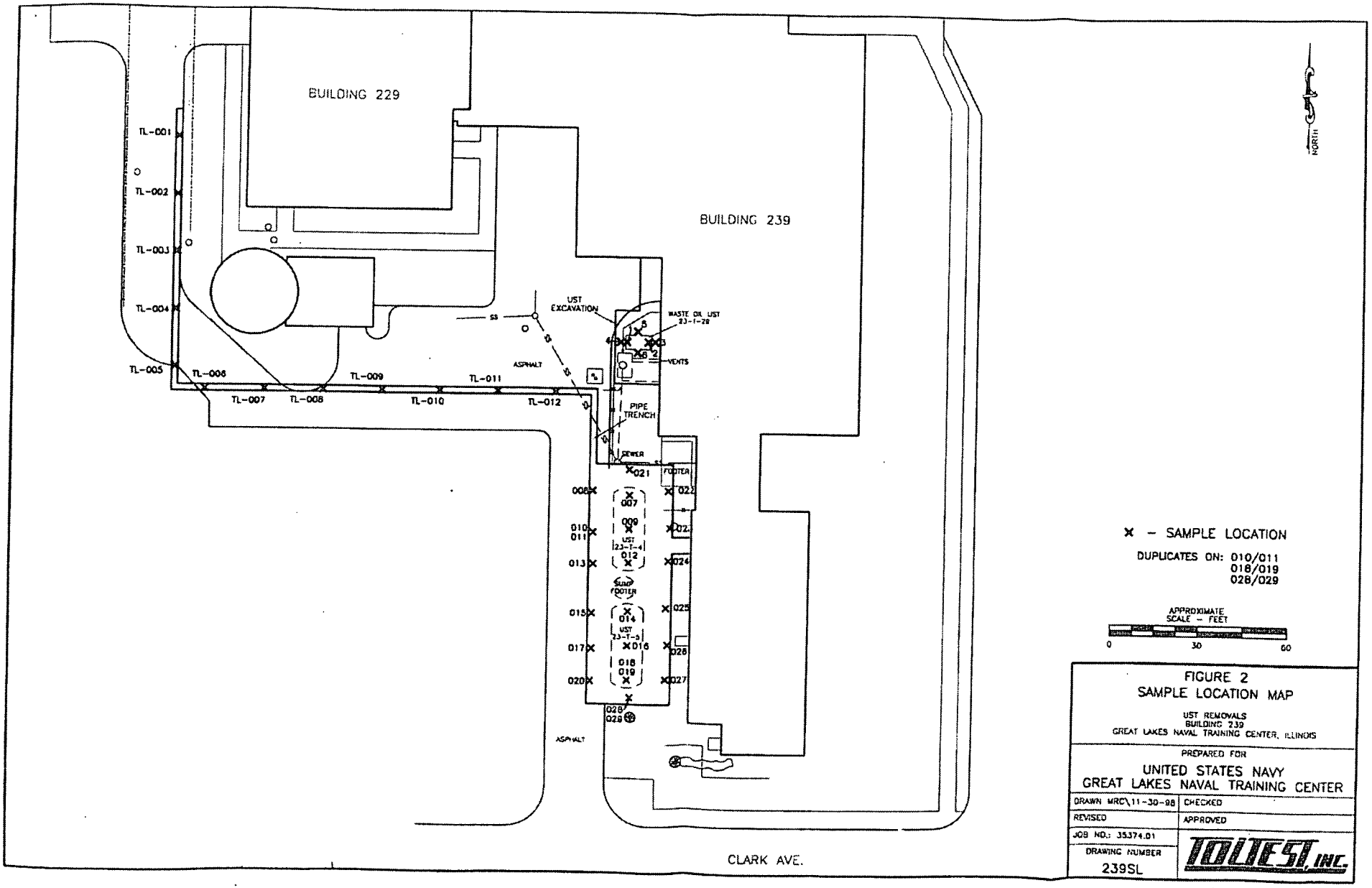


FIGURE 2
SAMPLE LOCATION MAP

UST REMOVALS
BUILDING 239
GREAT LAKES NAVAL TRAINING CENTER, ILLINOIS

PREPARED FOR
UNITED STATES NAVY
GREAT LAKES NAVAL TRAINING CENTER

DRAWN MRC\11-30-98	CHECKED
REVISED	APPROVED
JOB NO.: 35374.01	
DRAWING NUMBER 239SL	TOLTEST, INC.

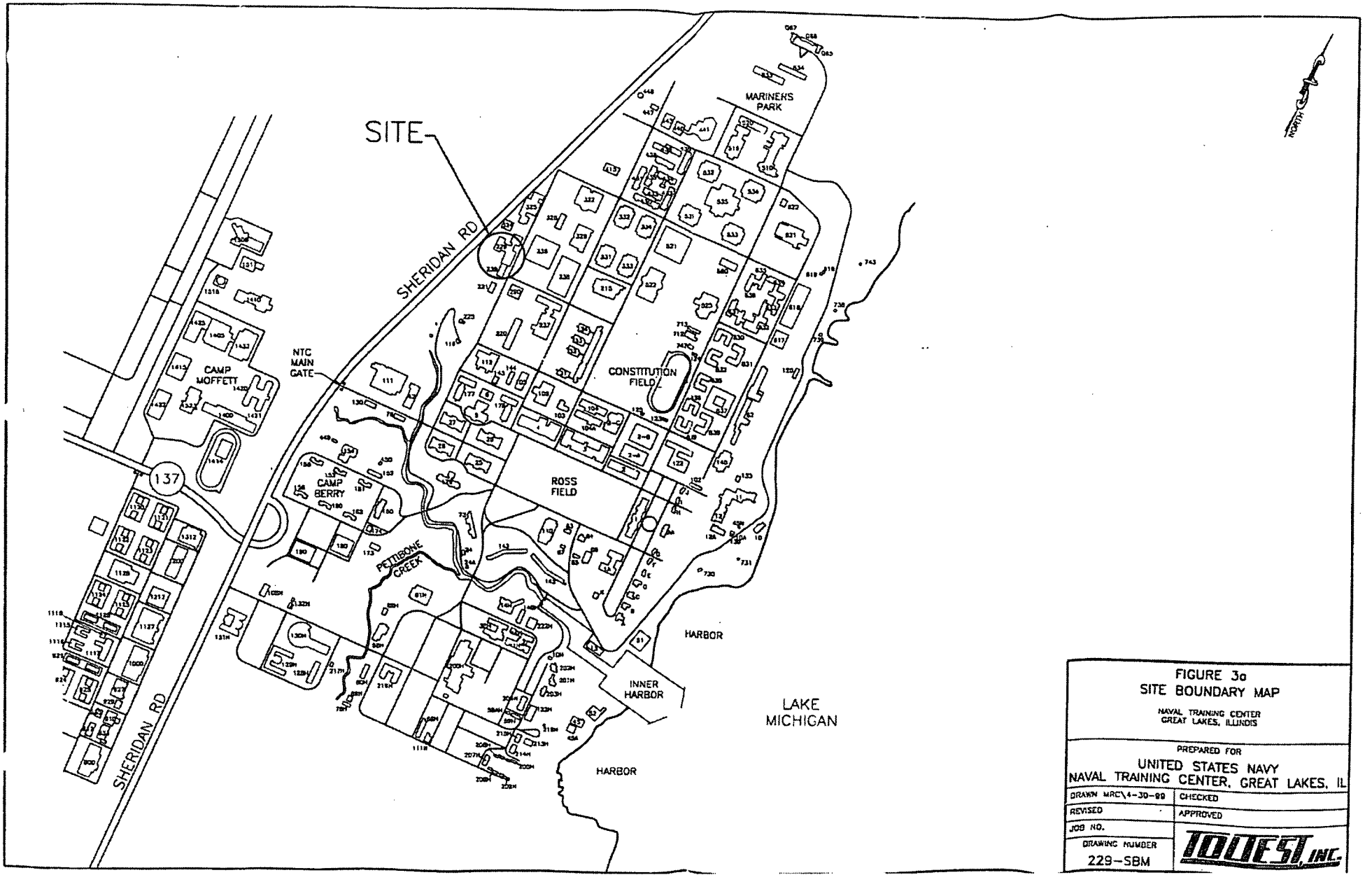
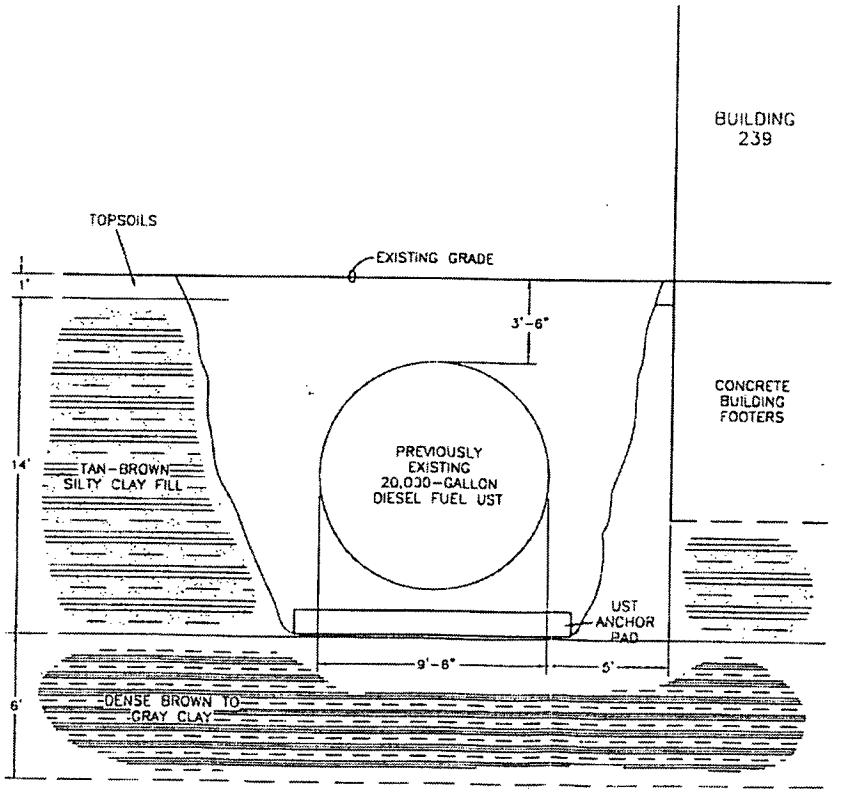


FIGURE 3a
SITE BOUNDARY MAP

NAVAL TRAINING CENTER
GREAT LAKES, ILLINOIS

PREPARED FOR
UNITED STATES NAVY
NAVAL TRAINING CENTER, GREAT LAKES, IL

DRAWN MRC\4-30-99	CHECKED
REVISED	APPROVED
JOB NO.	
DRAWING NUMBER 229-SBM	TOLTEST, INC.



APPROXIMATE VERTICAL
SCALE - FEET

0 5 10

FIGURE 4a
EAST – WEST CROSS SECTION

UST REMOVALS
BUILDING 239
GREAT LAKES NAVAL TRAINING CENTER, ILLINOIS

PREPARED FOR

UNITED STATES NAVY
GREAT LAKES NAVAL TRAINING CENTER

DRAWN MRC\5-25-99	CHECKED
REVISED	APPROVED
JOB NO.: 35374.01	
DRAWING NUMBER 239-EWCS	TOLTEST, INC.

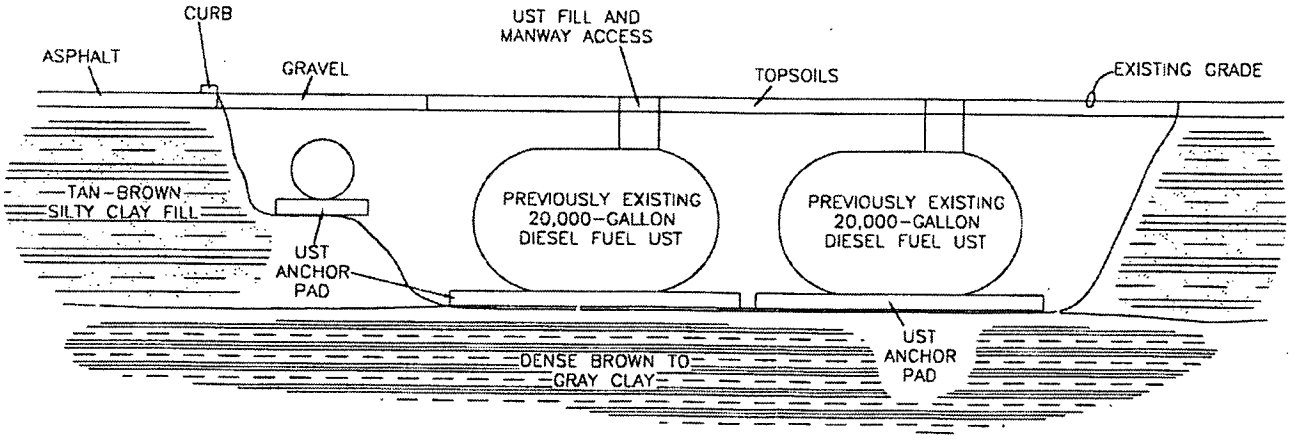
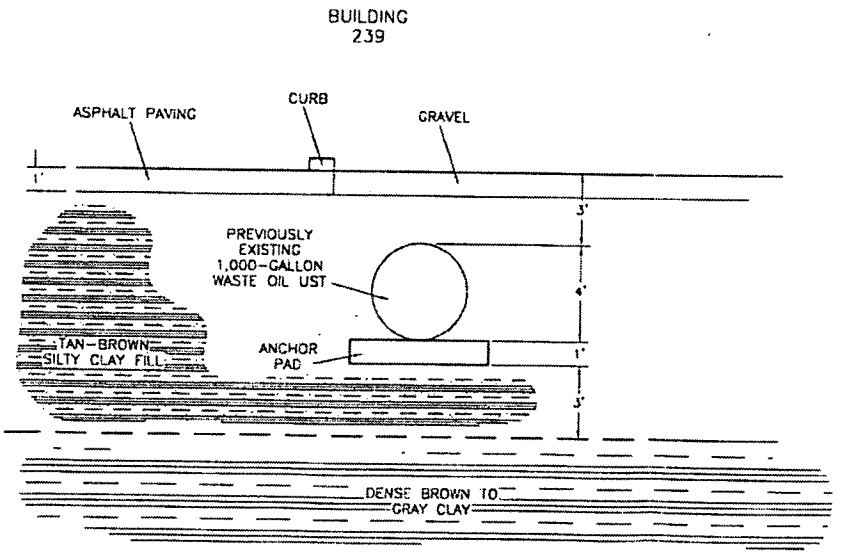


FIGURE 4b
NORTH – SOUTH CROSS SECTION

UST REMOVALS
BUILDING 239
GREAT LAKES NAVAL TRAINING CENTER, ILLINOIS

PREPARED FOR
UNITED STATES NAVY
GREAT LAKES NAVAL TRAINING CENTER

DRAWN MRC\5-25-99	CHECKED
REVISED	APPROVED
JOB NO.: 35374.01	
DRAWING NUMBER 239-NSCS	TOLTEST, INC.



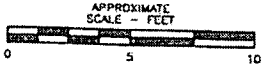


FIGURE 4c
EAST – WEST CROSS SECTION

UST REMOVALS
BUILDING 239
GREAT LAKES NAVAL TRAINING CENTER, ILLINOIS

PREPARED FOR

UNITED STATES NAVY
GREAT LAKES NAVAL TRAINING CENTER

DRAWN MRC\5-25-99	CHECKED
REVISED	APPROVED
JOB NO.: 35374.01	
DRAWING NUMBER 239-EWCS	TOLTEST, INC.