



Urish
TRANS ENVIRONMENTAL LTD

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24 Hour Emergency Response
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June 1, 2012

Illinois Environmental Protection Agency
Division of Land Pollution Control #24
Leaking Underground Storage Tank Section
1021 N. Grand Avenue
P.O. Box 19276
Springfield, IL 62794-9276

IEPA DIVISION OF RECORDS MANAGEMENT
R/F/SARIF

APR 10 2012

ATTN: MATT URISH

RE: IEMA #891717 / LPC # 0370305005
KIRKLAND QUICK STOP
KIRKLAND, ILLINOIS 60146
DEKALB COUNTY
LUST Tech

REVIEWER JKS

Dear Mr. Urish,

In response to our recent correspondence, we have prepared the attached two Corrective Action Completion Reports (CACR) to document the work completed to delineate the soil and groundwater plumes at the Kirkland Quick Stop LUST Site (incident number 891717), and to serve as the basis for discussion in our attempt to obtain a no further remediation (NFR) letter.

We are requesting closure for this site based on a groundwater use restriction for the Site, industrial-commercial land use restriction, a construction worker notification. The most recent groundwater monitoring has shown BTEX and PNA levels drop below the TACO Tier 1 GROs, but we have also used Tier 2 modeling to address the residual level of benzene in MW-14 in the past year.

Please contact me at 815/885-4840 or by email at mwarneke@transenvironmental.com if you have any questions or require any additional information.

Sincerely,

TRANS ENVIRONMENTAL, LTD.

Matthew J. Warneke

Enclosures

cc John Blake, Blake Oil Company / Blake Leasing Company LLC

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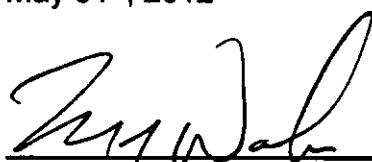
IEPA/BOL

Corrective Action Completion Report
Kirkland Quick Stop
411 West Main Street
Kirkland, Illinois 60146
IEMA# 891717

PREPARED FOR:
Blake Oil Company
Attn: John Blake
401 Main Street
Kirkland, IL 60146

PREPARED BY:
Trans Environmental, LTD
8184 Starwood Drive
Loves Park, Illinois 61111
Job # TE11-025

May 31st, 2012



Matthew J. Warneke

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ATTACHMENTS:

- A. Manifests from disposal of contaminated groundwater
- B. Manifests from disposal of contaminated soil
- C. Analytical Tabular Summaries, Reports, CoCs, Lab Certifications (old data)
- D. Monitoring Well Completion Reports (MW-11 to MW-14)
- E. Analytical Tabular Summaries/Reports, Lab Certifications (new GW data)
- F. Water Well Survey Information
- G. PE Certification Form
- H. Owner/Operator Property Summary
- I. TACO Tier 2 Modeling

FIGURES:

- 1. Sample Location Map
- 2. Site Map per 734.440
- 3. Map Showing Tier II Groundwater Modeling Plume

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Corrective Action Completion Report

A. Site Identification

IEMA Incident # (6- or 8-digit): 891717 IEPA LPC# (10-digit): 0370305005
Site Name: Kirkland Quick Stop
Site Address (Not a P.O. Box): 411 West Main Street
City: Kirkland County: DeKalb Zip: 60146
Leaking UST Technical File

B. Site Information

1. Has a Corrective Action Plan been approved? Yes No
Date of approval letter: 1995

2. This completion report is being submitted pursuant to:
 - a. 35 Ill. Adm. Code 731.166
 - b. 35 Ill. Adm. Code 732.300(b)
 - c. 35 Ill. Adm. Code 732.404
 - d. 35 Ill Adm. Code 734.345

3. Method of remediation chosen:
 - a. Soil Bioremediation / Land Disposal
 - b. Groundwater In Situ Bioremediation

4. Quantity of contaminated media remediated and/or recovered:
 - a. Soil 700 yds³
 - b. Groundwater _____ gals.
 - c. Free Product _____ gals.

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C. Remedial (Corrective) Action

1. An executive summary that identifies the overall objectives of the corrective action and the technical approach utilized to meet those objectives. The summary shall contain the following information:
 - a. A brief description of the site, including but not limited to a description of the release, the applicable indicator contaminants, the contaminated media, and the extent of soil and groundwater contamination that exceeded the most stringent Tier 1 recommendation objectives;

The Kirkland Quick Stop site is a relatively flat, approximately 0.5 acre site located in downtown Kirkland in a mixed use (industrial-commercial-residential) area along Main Street. The Site is currently a newer Marathon gas station and convenience store with USTs operated by John Blake, and was formerly Kirkland Quick Stop gas station

(former owners/operators Lloyd & Janice Johnson) which had gasoline and diesel fuel USTs that impacted the soil and groundwater conditions on site. On behalf of Kirkland Quick Stop, the release was reported to the Illinois Emergency Management Agency (IEMA), and incident number 891717 was assigned to the site back on September 7th, 1989.

In September of 1991, PDC Technical Services performed an investigation of the existing gas station and the results were submitted to the IEPA in April of 1992. The IEPA requested that additional corrective actions be completed on site.

In July of 1993, Environmental Contractors of Illinois (ECI) was contracted to provide environmental services to address the suspect petroleum contamination from the USTs located on site. The monitoring wells on site were surveyed and sampled to determine existing groundwater conditions, and petroleum contamination was apparent in the shallow water table (approximately 7 feet deep). It was determined that the site may be impacted by the USTs in service.

The contaminated media was soil, and the indicator compounds were BTEX and PNAs. Based on the site investigations completed to date (1990-2011), the primary petroleum contaminants were benzene, ethyl benzene, benzo(a)pyrene and naphthalene, which were above the TACO Tier 1 SROs.

In an effort to remediate the site, it was decided to remove the existing USTs in service, conduct the remedial actions, and then install new USTs in order to continue to operate the gas station on site. New double-walled fiberglass tanks were planned for installation immediately following the UST removals, and limited downtime was required in order to streamline the project.

ECI along with the installation contractor (Pyramid Petroleum) determined that the excavation would require dewatering during the tank removal and prior to the installations. In addition, contaminated soils would be heavily saturated due to the high water table and might not pass a paint filter test for disposal at a special waste landfill. Therefore, arrangements were made to dewater the excavation during removal, remediation and installation operations and permits were obtained to dispose the contaminated groundwater off site as a special waste along with having an air stripper on site if pretreatment was necessary due to free product or concentrated hydrocarbon levels. During the project, a total of 30,500 gallons of petroleum contaminated groundwater were pumped, transported and disposed at Interstate Pollution Control's (IPC's) licensed wastewater treatment plant in Rockford. See Attachment A for copies of the manifests.

Between October 1st and 5th, 1993, ECI constructed a containment cell on the property for containment of the saturated petroleum contaminated soils. The containment cell was constructed of a sand base, a 30 ml PVC liner, and concrete barrier walls. The cell was 40 feet wide, 80 feet long and the concrete barrier walls were 4-feet high. The petroleum contaminated soils excavated from the LUST areas were placed in the cell for containment and covered with a 15 ml PVC liner.

The five in-service USTs were removed on October 6th and 7th, 1993. Petroleum contaminated soils (PCS) were apparent in the tank area and along the diesel fuel piping distribution lines. The tanks were cut and cleaned and disposed of at a scrap yard. Approximately 700 cubic yards of PCS were excavated, loaded and stockpiled in the containment cell between October 6th and 8th.

On October 8, 1993, three new USTs were installed in the same location as the previous USTs. The tanks were installed by Pyramid Petroleum Company, and they are the same tanks that remain in place today at the Marathon Oil gas station, which underwent a major site renovation back in 2001 when Blake Leasing Company, LLC acquired the property. On July 29, 1994, the 700 cubic yards of stockpiled PCS was loaded out, transported and landfill disposed at Winnebago Reclamation. See Attachment B for copies of the waste manifests.

In accordance with 35 IAC, Section 734.335, the following site conditions warranted corrective action at the Kirkland Quick Stop LUST Site:

➤ The soil remediation objectives (SROs) for the soil component of the migration to groundwater route values, construction worker inhalation route for naphthalene and xylenes, along with the groundwater remediation objectives (GROs) outlined in the IEPA's Tiered Approach to Corrective Action Objectives (TACO) were exceeded for the applicable indicator contaminants (BTEX and PNAs) on the subject property which poses a risk to area wells that obtain potable water from the groundwater resource. Based on these conditions, the threat that existed was the potential for petroleum contamination to migrate to the groundwater and contaminate the underlying aquifer and potable wells, both public and private.

b. The major components (e.g., treatment, containment, removal) of the corrective action;

The corrective actions consisted of excavation, temporary stockpiling, transportation and landfill disposal of 700 cubic yards of petroleum contaminate soils, which eliminated the TACO ingestion and inhalation exposure routes for industrial-commercial properties, and significantly reduced the soil component of the groundwater ingestion exposure route (only 4 samples in the former / existing tank excavation area exceeded this exposure route for benzene; the levels ranged from 0.032 mg/kg to 0.12 mg/kg in the four samples). Follow up in situ bioremediation was conducted on site.

c. The scope of the problems corrected or mitigated by the corrective action;

The corrective actions substantially eliminated the soil component of the groundwater ingestion exposure route, not to mention potential migration pathways and inhalation & ingestion exposure routes of the petroleum contamination (utility conduits along Main Street and the side street).

d. The anticipated post-corrective action uses of the site and areas immediately adjacent to the site;

The subject property is currently a Marathon Gas Station and future plans remain the same (gas station & convenience store). The surrounding properties are mixed use (commercial, residential and industrial).

2. A description of the corrective action activities conducted including

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- a. A narrative description of the field activities conducted as part of corrective action;

The former Kirkland Quick Stop gas station site had ten USTs storing gasoline and diesel fuel. Five of the USTs were removed by FIW on November 2nd of 1989, and the other five USTs were removed by Environmental Contractors of Illinois on October 6th and 7th, 1993. Upon excavating the USTs, soil contamination was apparent and corrective actions were completed to address the petroleum contamination. The following is a timeline of the corrective action and site investigation activities:

September 7, 1989. Petroleum contamination was discovered at the Kirkland Quick Stop gasoline station site during monitoring well installation. On behalf of Kirkland Quick Stop, the release was reported to the Illinois Emergency Management Agency (IEMA or IESDA at the time) on September 7, 1989, and incident number 891717 was assigned to the site.

September 19, 1989. At this time, there were five tanks or USTs "in service" and five tanks "out of service". A tank tightness test was performed, and the five in service tanks passed (as not leaking).

November 2-3, 1989. The five "out-of-service" tanks were removed by F.I.W. on November 2nd & 3rd, 1989. Petroleum contaminated soils were apparent around some of the USTs located east-southeast of the former building.

September 1991. PDC Technical Services, Inc. performed an investigation.

April 1992. PDC Technical Services, Inc. investigation results were submitted to the IEPA. Following IEPA review of the report, the Agency requested that additional work be conducted.

July 1993. Environmental Contractors of Illinois, Inc. (ECI) was contracted to provide consulting and contracting services. The monitoring wells on site were surveyed and sampled to determine existing groundwater conditions. Petroleum contamination was apparent. It was determined that the site may be impacted by the USTs in service. From data obtained from the well survey, it was determined that a shallow groundwater table was present (approximately 7 feet) in the tank area. In an effort to remediate the site, it was decided to remove the tanks that were in service. The station was still operating and the owners/operators wanted continue to operate the gas station. Therefore, plans and designs for new double-walled fiberglass tanks were implemented for installation immediately following the UST removals. Limited downtime was required between the removal of the existing USTs and the installation of the new USTs as well as the remediation operations to address the release and LUST# 891717.

ECI, along with the installation contractor, determined that the excavation would require dewatering during the tank removals and prior to installations due to the high water table. In addition, contaminated soil would be heavily saturated and may not pass a paint filter test for disposal at a special waste landfill. Arrangements were made to run a 3-inch propane powered water pump during tank removal activities and prior to new tank installations. Previous test results showed the groundwater to contain levels of contamination within the limits for disposal at a special waste treatment facility. However, areas of free product were expected and provision had to be made for high hydrocarbon levels. An air stripper was rented and available to serve as a pretreatment system in the event hydrocarbon concentrations encountered in the water exceeded special waste disposal limits.

The tank removal and UST installation permits were submitted to the Office of the Illinois State Fire Marshal and an inspector was scheduled for the tank removals.

October 1-5, 1993. A containment cell was constructed for placement of the contaminated soil. The containment cell was constructed of sand, a PVC liner, and concrete barrier walls. The ground surface was prepared with ag-lime (sand) to provide a level surface and prevent damage to the liner base from sharp rocks or foreign objects. The base liner consisted of a one piece 30 mil PVC liner. The edges were draped over 4 foot high concrete barrier walls and anchored with ag-lime (sand). The base of the containment cell was 40 feet by 80 feet by 4 feet in depth. The contaminated soil was placed in the cell and covered with a 15 mil PVC liner.

October 6-7, 1993. The five in-service USTs were removed. Petroleum contamination (gasoline and diesel fuel) was apparent in the tank areas and along the diesel piping distribution lines. According to OSFM Inspector Ken Oltman and site personnel, the release appeared to be a result of general spillage / overflow and possibly a combination of leaking piping. The tanks were cleaned and disposed of. Contaminated soil was excavated, loaded and stockpiled in the containment cell. Over the course of the tank removal and UST installation project, contaminated groundwater was pumped and placed in a temporary storage tank and hauled to Interstate Pollution Control (IPC) for wastewater treatment. A total of 30,500 gallons of contamination groundwater was pumped and disposed of as a special waste.

October 8, 1993. The installation process for three new USTs began in the same location as the former USTs and canopy area (east of the building) following the tank removals and the excavation of petroleum contaminated soils. The excavation area was approximately 45 feet wide by 55 feet long and 12 feet deep. The new tanks were installed by Pyramid Petroleum Company. Pyramid Petroleum set the tanks and then continued the installation project by installing the new piping and dispenser pumps over the next week.

October 11, 1993. Piping and pump islands were uncovered and removed. Additional contaminated soil was stockpiled in the containment cell.

October 12, 1993. Additional contaminated soil was removed from the piping/pump island excavation and stockpiled in the containment cell. The stockpile was covered with a PVC liner.

October 13, 1993. Additional contaminated soil was removed from the piping/pump island excavation and stockpiled in the containment cell. The stockpile was covered with a PVC liner. Closure samples were collected from the piping trench excavation areas and under the former dispenser pumps.

May 31, 1994. ECI completed a 45 Day Report and submitted it to IEPA.

July 29, 1994. Through the process of evaporation, the petroleum contaminated soils in the stockpile on site had dried to the point where representative samples passed a paint filter test so that the special waste could be disposed at a licensed

subtitle D landfill. Heavy equipment was used to load the PCS onto licensed special waste hauler semi dump trucks and the PCS was transported and disposed at Winnebago Reclamation Landfill located in New Milford, Illinois. Approximately 700 cubic yard of PCS was removed as part of the remediation operations to address the release and LUST# 891717.

March 21, 1995. *Dahl & Associates* completed a Corrective Action Plan/Report and submitted it to IEPA.

August 24, 2001. Trans Environmental conducted groundwater sampling at the Kirkland Quick Stop. Benzene was detected above TACO Cleanup Objectives in the northern monitoring wells (MW-3, MW-5, MW-6) and in the monitoring well located along the west side of the building near the southern property line (MW-8). In addition, several PNA compounds were detected slightly above TACO Cleanup Objectives in the monitoring wells MW-5 and MW-7.

February 15, 2002. Trans Environmental injected 6 to 7 gallons of Hydrocarbon bacterial agent for bioremediation into wells MW-3A, MW-05, MW-08, and MW-06.

May 23, 2002. Trans Environmental conducted groundwater sampling. Benzene, Toluene, Ethyl Benzene, and Xylene (BTEX) compounds were detected in wells MW-5 and MW-8. One PNA compound (Naphthalene) was also detected in MW-5 and MW-8. However, only benzene was detected above the TACO Cleanup Objectives. Wells MW-3A, MW-6, and MW-7 had no detection of BTEX or PNA compounds.

April 3, 2003. Trans Environmental conducted groundwater sampling on site. The five groundwater monitoring wells (MW-3A, MW-5, MW-6, MW-7, and MW-8) were

sampled. A general increase in BTEX levels occurred, especially in MW-3A and MW-8. Part of the increase may have been due to construction activities for the new Marathon station (the old building and canopy were demolished, and a new building and canopy were constructed on the west side of the property), and a low water table which resulted in poor well purging (sedimentation in water samples).

December 1, 2003. Trans Environmental conducted groundwater sampling which included monitoring wells MW-3A, MW-85, MW-6, MW-7, and MW-8. This sampling event showed a significant increase in the levels of both BTEX and PNA compounds, of which all five samples exceeded the TACO Tier 1 GROs. Sample MW-3A had the highest concentration of benzene at 0.586 ppm, whereas sample MW-8 had the highest concentration of PNAs with naphthalene detected at 31.5 ppm. Samples MW-6 and MW-7 also had hits of PNAs exceeding the TACO Tier 1 GROs. Benzene was the only indicator compound that exceeded the Tier 1 GROs in MW-5.

April 27, 2004. Trans Environmental conducted groundwater sampling. The sampling showed a downward trend at the site with petroleum contaminants in the wells MW-3A, MW-6, MW-7, and MW-8 showing lower concentrations. MW-5 was the only well that showed an upward trend with the concentration of benzene going up from 0.0299 ppm to 0.065 ppm. Benzene was the only indicator compound that exceeded the Tier 1 GROs in MW-3A, MW-5, and MW-8. Samples MW-6 and MW-8 had hits of PNAs (naphthalene) exceeding the TACO Tier 1 GROs.

2005-2006. A series of in situ bio-remedial corrective actions were conducted on site in an attempt to assist in degrading the residual compounds of petroleum hydrocarbons remaining in the groundwater. These corrective actions included pumping impacted groundwater from existing monitoring wells and installation of bioremediation solutions into un-used monitoring wells.

June 8, 2005. Trans Environmental conducted groundwater sampling. The wells MW-7, MW-3, MW-5, and MW-8 sampled exceeded the TACO Tier 1 GROs for BTEX compounds, and wells MW-6 and MW-8 exceeded the TACO Tier 1 GROs for PNA compounds. Some well maintenance actions were conducted on MW-3A and MW-6, which consisted of replacing the flush mount cover on MW-6 and fixing the cover on MW-3A (the covers were worn and partially damaged from age along with all the construction operations on site, and some poor storm water drainage on site created puddles/swales on the asphalt surface around some monitoring wells).

April and July, 2006. Trans Environmental conducted groundwater sampling. The sampling events showed overall downward trend at the site with the petroleum contaminants in the majority of the wells showing lower concentrations (MW-3A, MW-5, and MW-7). MW-6 was the only well that showed an upward trend along with reappearance of naphthalene in MW-8. Nevertheless, all the wells sampled exceeded the TACO Tier 1 GROs with the exception of MW-7. Monitoring wells MW-3, MW-5, and MW-8 exceeded the GROs for BTEX compounds, and MW-6 and MW-8 exceeded the GROs for PNA compounds.

The wells were surveyed to determine current groundwater flow, and Tier II modeling was completed to see if the levels were below the TACO Tier I GROs at the property boundaries or by the time they cross under Main Street to the south. Based on the mathematical modeling and using the highest concentration of benzene in MW-8 in the April & July 2006 sampling periods, the groundwater plume diluted out under the TACO Tier 1 GROs 30 feet southwest of MW-8, far before contamination reached to the neighboring properties to the south. It appeared that the low levels of petroleum contaminants in all of the monitoring wells would meet the TACO Tier 1 GROs through modeling before they would migrate off-site.

March 2007 - 2008. Additional groundwater sampling was conducted. The sampling events showed another overall downward trend at the site with the petroleum contaminants in the majority of the wells showing lower concentrations. This was especially true with respect to BTEX compounds with the exception of MW-8, which had a resurgence of all four BTEX compounds in the 2007 sampling event. The only well that continued to exceed the TACO Tier 1 GROs was MW-5 for benzene, which was down to its lowest level of benzene at 0.0184 mg/L. Although the BTEX compounds had remained low, there was a fairly significant resurgence in PNAs during the 2008 sampling period, especially for MW-3A, MW-5, and MW-6. The resurgence of PNAs in these three monitoring wells was at levels exceeding the TACO Tier 1 GROs. The other two monitoring wells (MW-7 and MW-8), were non-detect with the exception of a low hit of naphthalene in MW-8, but both samples were below the Tier 1 GROs.

November 2008. Trans Environmental installed Regenesis oxygen release compound (ORC) 2-inch socks in the wells to assist in degrading the residual compounds of petroleum hydrocarbons remaining in the groundwater.

February 2009. Trans Environmental conducted groundwater sampling. The only well that continued to exceed the TACO Tier 1 GROs was MW-5 for benzene, which was down to its lowest level of benzene at 0.0122 mg/L, but three of the wells (MW-3A, MW-6 and MW-8) remained above the GROs for PNAs.

August 26, 2009. Trans Environmental installed four new monitoring wells (MW-11, MW-12, MW-13 and MW-14) on the subject property (Marathon Gas Station). The old wells remained in place in case future needs for ORC injections were needed or until the IEPA issues an NFR letter.

September 2009. New Regenesis oxygen release compound (ORC) 2-inch socks were installed in the old wells to assist in degrading the residual compounds of petroleum hydrocarbons remaining in the groundwater.

August 27 and November 27, 2009. Trans Environmental conducted groundwater sampling. The only monitoring well that continued to exceed the TACO Tier 1 GROs was MW-14 (northeast corner along alleyway) for benzene, which was down to its lowest level of benzene at 0.067 mg/L and 0.0337 mg/L. The August sampling event had low levels of xylenes in all four monitoring wells, but no xylenes were detected in the November sampling event and no PNAs were detected in either sampling event.

February 16, 2010. Trans environmental conducted groundwater sampling. An increase was noted in benzene concentrations in MW-14, which is located on the north end of the property and low hits of ethyl benzene, xylenes and naphthalene in MW-11 located on the southern portion of the property. The only well that continued to exceed the TACO Tier 1 GROs was MW-14 (northeast corner along alleyway) for benzene, which increased from the last sampling event from 0.067 mg/L to 0.122 mg/L. Both monitoring wells on the western portion of the property (MW-12 and MW-13) were clean or non-detect for all BTEX and PNA compounds.

January, March & September, 2011. Trans environmental conducted additional groundwater sampling especially focusing on the benzene levels in MW-14. A decrease was noted in benzene concentrations in MW-14, from 0.0595 mg/L to 0.0304 mg/L to finally less than 0.005 mg/L. The September groundwater sampling event had no BTEX compounds above the TACO Tier 1 GROs. The sample results were relayed to the IEPA project manager and he requested a status report in the form of a CACR in order to evaluate the site conditions and determine if any further monitoring or remedial actions would be required.

- b. A narrative description of the remedial actions implemented at the site and the performance of each remedial technology utilized;

An estimated total of 700 cubic yards of LUST contaminated soil was removed from the excavation on October 6 and 7, 1993. The contamination was evident by site and smell and by field screening with an organic vapor meter (OVM) around the five USTs containing gasoline and diesel fuel. Most of the contamination excavated was backfill materials (estimated 600 yards); the remainder (100 yards) was native soil.

Approximately 30,500 gallons of contaminated groundwater was hauled to Interstate Pollution control (IPC) during the tank removals and prior to new tank installations. North Branch Environmental and T.I.C.S. hauled the wastewater to IPC under their EPA authorization number 00036.

ECl constructed the treatment cell on October 1 and 5, 1993. The cell was restricted in size to an area 40 feet by 80 feet. The cell areas were prepared with a 12 inch layer of ag-lime (crushed-sand). The perimeter of the treatment cell was lined with concrete traffic barrier walls. The base of the treatment cell consisted of a 30 mil PVC liner anchored with ag-lime. The cover consisted of a 15 mil PVC liner.

Contaminated soil was excavated on October 6 and 7, 1993. The soil was placed in the treatment cell in 12 inch lifts. The tank backfill sand was placed on the bottom to provide some protection to the 30 mil liner base. Two inches of nutrient supplement were placed on the 12 inch soil lifts. Also included was approximately 350 pounds per lift of calcium peroxide (0.1 percent by weight). Each lift was thoroughly mixed with a rototiller pulled by a Kaboda tractor. Upon completion of the excavation and placement of the contaminated soil, the treatment cell was covered with 15 mil liner.

Soil samples were collected from the excavation in accordance with 35 Illinois Administrative Code Part 731. A total of 16 soil samples were collected from the gasoline/diesel tank excavation: four bottom samples and twelve wall samples were collected. These soil samples were analyzed for BTEX/PNAs. In addition, four soil samples were collected from the piping trenches/pump islands. These samples were also analyzed from BTEX/PNAs. See Figure 1 for a sample location map.

Field screening consisted of placing approximately 8 ounces of a spilt soil sample into a labeled Ziploc bag, sealing the bag, and allowing the bag to warm to approximately 70°F inside a field vehicle. Field Screening was conducted using Thermo Environmental Instrument's Organic Vapor Meter (OVM) with a 10.6 eV lamp. The OVM was calibrated on a daily basis or as needed according to manufacturer's instructions. The probe of the OVM was inserted into the Ziploc bag and the highest reading was recorded.

Eighteen test borings (TBs) and 10 monitoring wells (MWs) have been installed as part of the LUST investigation for the Kirkland Quick Stop site. Six of these borings, all of which were converted to monitoring wells, were installed to define the lateral extent of hydrocarbon impacted soil and groundwater at the site prior to completion of this Corrective Action Plan. These borings were advanced on November 14, 1994, November 15, 1994, and January 5, 1995. MW-3A was installed to replace MW-3 which was destroyed. Information regarding soil type, laboratory results, and well construction has previously been submitted to the IEPA.

Analytical results from soil and groundwater samples were used to define the extent of soil and groundwater contamination at this site. Both BTEX and PNA plumes are present, sometimes separate and other times comingling. Since their installation, benzene concentrations in excess of IEPA cleanup objectives of 5 parts per billion (ppb) have been recorded in MWs 1, 3A, 5, and 8. PNA constituents in MWs 1, 2, 5, and 8 were reported at concentrations in excess of cleanup objectives. MWs 4, 6, 7, 9, and 10, located around the perimeter of the site, have not contained concentrations of benzene, total BTEX, or PNA constituents in excess of established cleanup standards.

Soils encountered in borings advanced at this facility generally consisted of shallow silty clay sand sandy silts changing to sands and gravelly sands. Hydraulic conductivities were calculated using data obtained during slug out tests performed on MWs 3A and 8. The average calculated hydraulic conductivities for these wells ranged from 250 to 360 gallons per day per square foot (gal/day/ft²).

Silty clay makes up the uppermost four to seven feet at the site, before changing to a sandy silt which may or may not contain gravel. Both well-sorted and poorly sorted sand lenses are encountered at depths ranging from 10-12 feet bgs. Poorly graded gravel was encountered at a depth of approximately 14 feet bgs in some locales. The well record for the Village of Kirkland water well, located just north of the Quick Stop site, indicates bedrock is present at a depth of 60 feet.

Depth to Water. Depth to groundwater (and water level elevation) were determined from measurements of water levels at each of the monitoring wells. Measured water levels in monitoring wells have varied approximately 7 to 10 feet below land surface (bgs). Water level fluctuations occur seasonally.

Hydraulic Conductivity and Permeability. The Hydraulic conductivity was observed to range from 250 gallons per day per square foot at MW-8 to 360 gallons per day per square foot at MW-3A. Hydraulic conductivity was determined from analysis of data collected during slug-out tests conducted January 5, 1995. Recovery data has been interpreted based upon methodologies presented Bower and Rice. The Hydraulic conductivity determined from the recovery rate test data was compared to published referenced. MW-8 and MW-3A were completed in well sorted sand with varying amounts of silt and gravel, and are typical of the site.

The remedial actions consisted of the excavation and landfill disposal of 700 cubic yards of petroleum contaminated soils on July 29, 1994. The soil remediation was effective in reducing the majority of petroleum contamination below the TACO Tier 1 SROs.

The contaminated soils had posed a threat for the soil component of the groundwater ingestion route (soil contaminants had exceeded the TACO Tier 1 SROs) and the groundwater remediation objectives (GROs). The corrective actions, which consisted of the physical removal of petroleum contaminated soil and the on site land farming / bioremediation, eliminated the migration to groundwater exposure route.

- c. Documentation of sampling activities:
- i. Sample collection information;
 - ii. Sample preservation and shipment information
 - iii. Analytical procedure information
 - iv. Analytical results, chain of custody and control, and laboratory certification;
 - v. Field and lab blanks, and;
 - vi. Table(s) comparing analytical results to remediation objectives approved for the site (include sample depths, date collected, and detection limits);

Soil samples were collected at discreet intervals from the excavation area in accordance with the closure sampling plan contained within the HP CAP. A field scientist inspected the soil samples for staining, odor or other signs of physical impairment. Soil samples were field monitored for the presence of total organic vapors using a photo ionization detector (PID). Field observations and PID readings were recorded on the field logs. At the same time, the land farm treatment remediation system was inspected for a number of environmental, health, safety and security issues.

Representative grab samples were collected from the excavation areas following remediation in accordance with IEPA protocols and "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846), Volume One, Chapter One (Quality Control) and Volume Two (Field Manual). The soil samples collected for BTEX analysis were sampled in accordance to SW 846 Method 5035. Collected samples were submitted under chain-of-custody to either Suburban or CBC Environmental Laboratories, Inc. and analyzed for BTEX via SW 846 Method 5035/8260B and PNAs via SW 846 Method 3540C/8270C.

The analytical data was compared to the Tiered Approach to Corrective Action Objectives (TACO), 35 IAC Part 742, Tier 1 Soil Remediation Objectives (SROs) for both industrial-commercial properties (Appendix B, Table B). The Laboratory Analytical Reports, Analytical Tabular Summaries, Chain-of-Custody Forms and Laboratory Certification Forms are included in Attachment C. This information was previously submitted in reports / plans submitted to the Agency for review. Please reference the following reports for this information:

- *45 Day Report & PE Certification 5-31-1994*
- *Corrective Action Plans dated 6-10-1994 and 5-2-1995.*
- *Miscellaneous Correspondence 6-17-2009*

For the analytical tabular summaries, please see Attachment C of this report. A diagram showing the soil sample locations is also included in Figure 1.

- d. Soil boring logs and monitoring well construction diagrams.

The soil boring logs were previously submitted in previous reports / plans submitted to the Agency for review. However, the monitoring well completion reports for the new monitoring wells installed on August 26, 2009 (MW-11, MW-12, MW-13 and MW-14) are included in Attachment D.

3. A narrative description of any special conditions relied upon as part of corrective action including:

a. Engineered barriers utilized:

- i. type of barrier(s); and
- ii. map showing location(s) and dimension(s) of barrier(s);

The majority of the site is covered by the existing building, canopy, along with asphalt and concrete pavement. The asphalt / concrete pavement installed with the redevelopment of the site along with the new building footprint and over 10-feet of clean aggregate materials underlying the site will provide a barrier to prevent the infiltration of residual contaminants into the subsurface in addition to providing a barrier for the inhalation and ingestion routes on the surface of the property. However, based on the analytical data, no engineered barrier appears to be needed.

b. Institutional controls utilized:

- i. copy of fully executed institutional control(s); and
- ii. map showing location(s) of controls;

The institutional controls to be implemented on the Kirkland Quick Stop LUST site include a land use limitation to industrial-commercial and groundwater use restriction on site.

- c. Other conditions, if any, necessary for the protection of human health and safety and the environment that are related to the issuance of a No Further Remediation Letter;

Construction worker notification.

- d. Any information required regarding off-site access;

Not applicable.

4. An analysis of the effectiveness of the corrective action that compares the confirmation sampling results to the remediation objectives approved for the site;

The Laboratory Reports & Analytical Tabular Summaries are presented in Attachment C (old soil data from 1993) and Attachment E (new and old groundwater data).

5. A conclusion that identifies the success in meeting the remediation objectives approved for the site;

On behalf of Kirkland Quick Stop, the appropriate corrective actions have been undertaken to achieve the desired remediation objectives to address impacts to human health and the environment and to close out IEMA Incident #891717. The remediation objectives include meeting TACO Tier 1 soil remediation objectives (SROs). The corrective actions and proposed institutional controls implemented on the Kirkland Quick Stop property located at 411 West Main Street in Kirkland, Illinois have effectively reduced the petroleum contaminant concentrations to levels below the TACO Tier 1 SROs. These measures undertaken have produced results to protect human health and the environment. Trans Environmental requests the Agency's assistance in obtaining a no further remediation (NFR) letter for closure of the Kirkland Quick Stop LUST Site (IEMA# 891717).



Agency ID: 170000546014

Media File Type: LAND

Bureau ID: 0370305005

Site Name: Kirkland Quick Stop

Site Address1: 411 W Main St

Site Address2:

Site City: Kirkland

State: IL

Zip: 60146-

**This record has been determined to
be partially or wholly exempt from
public disclosure**

Exemption Type:

Redaction

Exempt Doc #: 8

Document Date: 6 /4 /2012

Staff: JKS

Document Description: CACR

Category ID: 21A Category Description: LEAKING UST TECHNICAL

Exempt Type: Redaction

Permit ID:

Date of Determination: 8 /6 /2012

6. Appendices containing references and date sources;

Much data and information have been previously submitted in prior reports. We request that the Agency reference the reports for any data or information previously submitted. The reports include the following:

- ❖ 45 Day Report & PE Certification 5-31-94
- ❖ Corrective Action Plans dated 6-10-94 and 5-2-95.
- ❖ Miscellaneous Correspondence 6-17-2009

Nevertheless, some of the new data/information has been accumulated for this report. Please see the following Attachments for reference:

- ✓ Lab Reports, ATSS & Lab Certifications - Attachment C & E
- ✓ Water Supply Well Information - Attachment F
- ✓ PE Certification Form - Attachment G
- ✓ Owner/Operator Property Summary - Attachment H

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7. The water supply well survey:

- a. Map(s) showing locations of community water supply wells and other potable wells and the setback zone for each well; see Attachment F.
- b. Map(s) showing regulated recharge areas and wellhead protection areas; see Attachment F.
- c. Map(s) showing the current extent of groundwater contamination exceeding the most stringent Tier 1 remediation objectives; see Figure 2.
- d. Map(s) showing the modeled extent of groundwater contaminated exceeding the most stringent Tier 1 remediation objectives; see Figure 3.
- e. Table(s) listing the setback zones for each community water supply well and other potable water supply wells; see below.

Table 1. Potable Wells Identified on IEPA SWAP

Well Identification	Type	Distance from USTs (feet)	Setback Zone (feet)	Well Depth (feet)	Source of Information
23132	[REDACTED]	[REDACTED]	200	---	SWAP
*11424 RR Well (Emergency)	[REDACTED]	[REDACTED]	400	[REDACTED]	SWAP
* 11425 Well #2	[REDACTED]	[REDACTED]	400	[REDACTED]	SWAP
21505	[REDACTED]	[REDACTED]	200		SWAP
22149	[REDACTED]	[REDACTED]	200		SWAP
21499	[REDACTED]	[REDACTED]	200		SWAP
00836	[REDACTED]	[REDACTED]	200		SWAP
00562	[REDACTED]	[REDACTED]	200		SWAP
22725	[REDACTED]	[REDACTED]	200		SWAP

*Deep Bedrock Aquifer

- f. A narrative identifying each entity contacted to identify potable water supply wells, the name and title of each person contacted, and any field observations associated with any wells identified; and

Based on conversations with Charlie Fruit of the Village of Kirkland Public Works Department, in addition to a review of Illinois State Water Survey (ISWS) well records for Franklin Township, potable water for the Village of Kirkland is obtained primarily from two public wells that draw water from a deep sandstone aquifer. Only the Village's primary well has been tested for potential pollutants (VOCs). No contamination was evident based on a review of the test results by Charlie Fruit. The Village of Kirkland indicated that they have had no problems with water quality. Based on a review of ISWS well records/loas. private wells in the Kirkland area are located approximately [REDACTED] No data could be obtained on their water quality.

Based on conversations with Charlie Fruit of the Kirkland Public Works Department, two public wells provide potable water to the Village of Kirkland. The closest well (Kirkland's standby Well) is located approximately [REDACTED] of the Kirkland Quick Stop. This well is [REDACTED] s well does provide potable water to service the Village of Kirkland. This well has not been tested for potential contaminants. Kirkland's nimary well is located [REDACTED] his well is [REDACTED] This well has been tested for VOCs. Charlie Fruit indicated that no contaminants were present. Charlie Fruit indicated that the nearest private wells were located over 1,000 feet from the subject site. One well was located to the [REDACTED] the other well was located to the [REDACTED]

Mr. Paul Naugle, Supervisor with the Village of Kirkland Public Works, was not aware of any contamination issues relating to the public water supply.

According to well records obtained from the Illinois Geological Survey, 24 water wells are located within a one mile radius of the facility. The only wells within 1,000 feet of the site are the Village of Kirkland municipal wells. The backup well is located approximately [REDACTED] This well is [REDACTED] The primary well for Kirkland is located approximately [REDACTED] The well is [REDACTED]. Due to the distance of each of these wells from the site, the well construction, and the depth of the aquifers from which water is drawn, the likelihood of the release at the Kirkland Quick stop site having any impact on these water wells is negligible. Please see **Attachment F** for the water supply well survey information. This information was **previously submitted in the original 45 Day Report dated 5-31-94.**

Information from the IEPA Source Water Assessment Program web site was obtained to evaluate water quality in the Kirkland area. According to the web site information, The Village of Kirkland (Facility #0370300) has two public water supply wells. The Railroad Well (IEPA #11424) and Well #1 (IEPA #11425) produce 116,000 gallons per day to an estimated population of 1,200 through 445 service connections. Well #3 (01613) is proposed.

Well #1 is located [REDACTED] the Railroad Well is located [REDACTED]. Wells #1 and the Railroad Well pump [REDACTED] per minute each, respectively and have a production capacity of [REDACTED] gallons per day. The wells are [REDACTED] deep and utilize deep bedrock aquifers which are overlain permeable alluvial (river) deposits. Permeability is the ability of a soil or sediment to transmit fluids. The aquifer utilized is considered confined by the Illinois EPA, therefore is not considered geologically sensitive. Proposed well #3 (01613) is planned to be [REDACTED] deep and utilize a confined deep bedrock aquifer. The following table lists the information from the IEPA SWAP web site:

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Table 2. SWAP Well Information

Well ID	Well Description	Status	Depth	Minimum Setback	Pumpage	Aquifer Code	Aquifer Description	Max Zone
WL01613	WELL 3 (01613)	[REDACTED]	[REDACTED]	200	[REDACTED]	6981	Deep Bedrock	0
WL11424	RAILROAD WELL (11424) EMERGENCY	[REDACTED]	[REDACTED]	400	[REDACTED]	6080	Deep Bedrock	1000
WL11425	WELL 2 (11425)	[REDACTED]	[REDACTED]	400	[REDACTED]	6080	Deep Bedrock	1000

The public water supply Well No. 1 at Kirkland was sampled as part of the Statewide Groundwater Monitoring Network on September 11, 1986. The Railroad Well was sampled in 1999. The samples were analyzed for volatile organic compounds (VOC) and inorganic chemicals (IOC). The VOC analyses detected no quantifiable levels of organic chemicals in any of the wells. The IOC analyses found the water from all the wells to meet all groundwater quality standards established in 35 Illinois Administrative Code Part 620.410.

Further information on finished water quality, including data tables of monitored parameters, contaminants detected, health advisory information, drinking water standards and maximum contaminant levels is available at <http://www.epa.gov/ogwdw>. Similar information is also available in the Consumer Confidence Report supplied by the water supply to its customers. A review of this information does not indicate levels of organic compounds or inorganic chemicals which exceed the drinking water quality standards.

A database search for proposed well #3 determined that no potential hazards, routes, or sources appear to be within 1,500 feet of the proposed well location.

Based on information obtained in a Well Site Survey published in 1993 by the Illinois EPA, several potential secondary sources are located within 1,000 feet of the wells. Based on information provided by Kirkland's water supply officials, the following facilities have changed ownership or names: Kirkland Quick Stop is now Kirkland Marathon, the Johnson Leonard property is now Hines Lumber, and Farm Sales and Service Incorporated is now Nesterowicz and Associates. The Illinois EPA has determined that the Kirkland Community Water Supply's source water is not susceptible to contamination. This determination is based on a number of criteria including; monitoring conducted at the wells; monitoring conducted at the entry point to the distribution system; and available hydrogeologic data on the wells.

Furthermore, in anticipation of the U.S. EPA's proposed Ground Water Rule, the Illinois EPA has determined that the Kirkland Community Water Supply is not vulnerable to viral contamination. This determination is based upon the evaluation of the following criteria during the Vulnerability Waiver Process: the community's wells are properly constructed with sound integrity and proper siting conditions; a hydrogeologic barrier exists which should prevent pathogen movement; all potential routes and sanitary defects have been mitigated such that the source water is adequately protected; monitoring data did not indicate a history of disease outbreak; and the sanitary survey of the water supply did not indicate a viral contamination threat. Because the community's wells are constructed in a confined aquifer, which should prevent the movement of pathogens into the wells, well hydraulics were not considered to be a significant factor in this determination. Hence, well hydraulics were not evaluated for this system ground water supply.

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The Illinois Environmental Protection Act provides minimum protection zones of 400 feet for public wells. These minimum protection zones are regulated by the Illinois EPA. In addition, the community enacted a "maximum setback zone" ordinance for wells #1, and #RRW, which is authorized by the Illinois Environmental Protection Act and allows county and municipal officials the opportunity to provide additional potential source prohibitions up to 1,000 feet from their wells. To further reduce the risk to source water, the water supply has implemented a wellhead protection program which includes the proper abandonment of potential routes of groundwater contamination and correction of sanitary defects at the water treatment facility. This effort resulted in the community water supply receiving a special exception permit from the Illinois EPA which allows a reduction in monitoring. The outcome of this monitoring reduction has saved the community considerable laboratory analysis costs.

The following persons / agencies have been contacted in an attempt to identify information on the status and location of potable water supply wells:

Table 3. Water Quality Interviews / FOIAs

NAME	TITLE	AGENCY	CONTACT INFO
Charlie Fruit		Kirkland Public Works	(815) 522-6170
Paul Naugle	Supervisor	Kirkland Public Works	(815) 522-6170
Janet Christer	FOIA	Illinois EPA, Bureau of Water	217/782-8482
Fee Habtes	FOIA Officer	IL Department of Public Health	535 W. Jefferson Springfield, IL 62761

- g. A certification from a Licensed Professional Engineer that the survey was conducted in accordance with the requirements and that the documentation submitted includes the information obtained as a result of the survey (certification of this report satisfies the requirement);

The PE Certification information is included in Attachment G.

- 8. Site map(s) meeting the requirements of 35 Ill. Adm. Code 732.110(a) or 734.440.

The Site Map shall include the map scale, an arrow indicating north orientation, the date the map was created, the property boundary lines of the site, properties adjacent to the site, and other properties that are, or may be, adversely affected by the release. It also shall include the uses of the site, properties adjacent to the site, and other properties that are, or may be, adversely affected by the release, the locations of all current and former USTs at the site, the contents of each UST all structures, other improvements, and other features at the site, buildings, pump islands, canopies, roadways, other paved areas, utilities, easements, rights-of-way, and actual or potential natural or man-made pathways. The Site Maps are presented in Figure 1 and Figure 2.

9. Development of Tier 2 or 3 remediation objectives, if applicable:
- Equations used;
 - Discussion of how input variables were determined;
 - Map(s) depicting distances used in equation; and
 - Calculations;

In accordance with 35 Ill. Adm. Code 742 and pursuant to Section 57.7(c)(3) of the Act, Trans Environmental has performed modeling in order to develop Tier 2 remediation objectives (ROs) for the Kirkland Quick Stop LUST site evaluating benzene groundwater contamination. The modeling equations R-26 was used in calculating the Tier 2 SROs. The Tier 2 modeling results indicate that they are lower than the TACO Tier 1 GROs. Specifically, based on the recent groundwater data using benzene at a concentration of 0.03 mg/L in MW-14, the benzene level dilutes below the Tier 1 GRO limit of 0.005 mg/L within 40 feet.

We also had completed previous modeling back in 2006, and at that time we surveyed the wells to determine current groundwater flow and ran the Tier II modeling to see if the levels were below the TACO Tier I GROs at the property boundaries or by the time they cross under the street to the south. Based on the modeling and using the last highest concentration of benzene in MW-8 in the April of 2006 sampling period, the groundwater plume dilutes out under the TACO Tier 1 GROs 30 feet southwest of MW-8, far before the contamination migrates off site to the neighboring properties to the south. It would appear that the low levels of petroleum contaminants in all of the monitoring wells would meet the TACO Tier 1 GROs through modeling before they would migrate to an off-site property. A highway authority agreement could be used to address this contamination issue. See Attachment I for the modeling equations and results along with a site map showing the plume.

10. Property Owner Summary form.

See Attachment II for the Property Owner Summary form.

D. Signatures

All plans, budgets, and reports must be signed by the owner or operator and list the owner's or operator's full name, address, and telephone number.

UST Owner or Operator

Consultant

Name: <u>Kirkland Quick Stop</u>	Company: <u>Trans Environmental, Ltd.</u>
Contact: <u>John Blake</u>	Contact: <u>Matt Warneke</u>
Address: <u>401 Main Street</u>	Address: <u>8184 Starwood Drive</u>
City: <u>Kirkland</u>	City: <u>Loves Park</u>
State: <u>IL</u>	State: <u>IL</u>
ZIP code: <u>60146</u>	ZIP Code: <u>61111</u>
Phone: <u>(815) 235-4041</u>	Phone: <u>(815) 885-4840</u>
Signature: _____	Signature: _____
Date: _____	Date: _____

E. Certification

I certify under penalty of law that all activities that are the subject of this plan, budget or report were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan, budget, or report and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in this plan, budget, or report has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 III. Adm. Code 731, 732, or 734, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware that there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Sections 44 and 57.17 of the Environmental Protection Act [415 ILCS 5/44 and 57.17].

Licensed Professional Engineer

L.P.E. Seal

Name: Cristopher Proctor
For: Company: Trans Environmental, Ltd.
Address: 8184 Starwood Drive
City: Loves Park
State: IL
ZIP Code: 61111
Phone: (815) 885-4840
Ill. Registration No.: 54320
License Expiration Date: 11/30/2012
Signature: _____
Date: _____

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(ATTACHED IS A COPY OF THE SIGNED CACR FORM)

Attachment A

**Manifests from Disposal of Contaminated
Groundwater**

The appearance of some of the images

following this page is due to

Poor Quality Original Documents

and not the scanning or filming processes.

Com Microfilm Company

(217) 525-5860

06/15/2006

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

NOTE: FORM DESIGNED TO PRINT 6 LINES PER INCH.

EPA Form 8700-22 (Rev. 8-89)

Form Approved, OMB No. 2050-0039, Expires 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.	2. Page 1 of		Information in the shaded areas is not required by Federal law, but is required by Illinois Law.		
3. Generator's Name and Mailing Address BICO 1528 18th Avenue Rockford, IL 61104		Location If Different: Kirkland Quick Stop 411 W. Main Street Kirkland, IL		A. Illinois Manifest Document Number IL 4708596		B. Illinois Generator ID		C. Illinois Facility ID	
4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS		5. Transporter 1 Company Name TDS		6. US EPA ID Number		D. Illinois Transporter ID		E. Illinois Facility ID	
7. Transporter 2 Company Name		8. US EPA ID Number		F. Illinois Transporter ID		G. Illinois Facility ID		H. Illinois Facility ID	
9. Designated Facility Name and Site Address IPC 4430 Beech Drive Rockford, Illinois		10. US EPA ID Number		I. Illinois Facility ID		J. Illinois Facility ID		K. Illinois Facility ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit W/Vol	
a. Non-Hazardous Waste Water				001 TT		200150		G	
b.									
c.									
d.									
Additional Description for Materials Listed Above:				K. Handling Codes for Wastes Listed Above In Item 14: G = Gallons Y = Cubic Yards					
15. Special Handling Instructions and Additional Information Invoice # 2690 (Pyramid)									
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. Date									
Printed / Typed Name JERRY CUMIS				Signature <i>Jerry Cumis</i>				Month Day Year 6-15-06	
17. Transporter 1 Acknowledgement of Receipt of Materials Date									
Printed / Typed Name HOWARD JACKSON				Signature <i>Howard Jackson</i>				Month Day Year 6-15-06	
18. Transporter 2 Acknowledgement of Receipt of Materials Date									
Printed / Typed Name				Signature				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. Date									
Printed / Typed Name KATHY JONES				Signature <i>Kathy Jones</i>				Month Day Year 6-15-06	

In case of a spill call the Illinois Office of Emergency Response at 217/782-7860 and the National Response Center at 800/424-9802 or 202/426-2675.

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.

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 9-88) Form Approved. OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.	
3. Generator's Name and Mailing Address <i>KIRKLAND QUICK 5700 44 W MAIN ST KIRKLAND IL</i>		Location if Different:		A. Illinois Manifest Document Number IL53660670		
4. Generator's Phone		6. US EPA ID Number		B. Illinois Hazardous Waste Site ID		
5. Transporter 1 Company Name <i>TICS</i>		8. US EPA ID Number		C. Illinois Hazardous Waste Site ID		
7. Transporter 2 Company Name		10. US EPA ID Number		D. Illinois Hazardous Waste Site ID		
9. Designated Facility Name and Site Address <i>I PC 4430 BOEING DR KIRKLAND IL</i>		12. Containers		E. Illinois Hazardous Waste Site ID		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		No.	Type	13. Total Quantity	14. Unit Wt/Vol	
a. <i>NON HAZARDOUS CONTAMINATED GROUND WATER</i>				<i>20.1 TTD 1500</i>	<i>1</i>	
b.						
c.						
d.						
15. Special Handling Instructions and Additional Information		Handling Codes and Values in Item 14		1 = Gallons 2 = Cubic Yards		
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 <i>LLOYD JOHNSON</i>		Signature <i>Lloyd Johnson</i>		Date Month Day Year		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>J.F. Williams</i>		Date <i>10/14/93</i>		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date		
19. Discrepancy Indication Space		Signature		Date		
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Signature <i>J. J. Williams</i>		Date		

GENERATOR

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-3637 and the National Response Center at 800 / 424-8802 or 202 / 426-2675.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide this information may result in civil penalties against the owner or operator of 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.

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.
3. Generator's Name and Mailing Address <i>KICKLAND QUICK STOP 411 W MAIN ST KICKLAND IL</i>		Location if Different:		A. Illinois Manifest Document Number IL 3660669	
4. Generator's Phone		6. US EPA ID Number		B. Illinois Generator ID	
5. Transporter 1 Company Name <i>TICS</i>		7. Transporter 2 Company Name		C. Illinois Transporter ID	
9. Designated Facility Name and Site Address <i>IPC 4430 BOEING DR ROCKFORD IL 61109</i>		10. US EPA ID Number		D. Illinois Facility ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	
a. <i>NON HAZARDOUS GROUND WATER</i>		<i>0.01</i>	<i>0.2500</i>	<i>1</i>	
b.					
c.					
d.					
Additional Description of Materials Listed Above		K: Handling Codes for Waste Listed Above in Item 11			
		= Gallons 2 = Cubic Yards			
15. Special Handling Instructions and Additional Information					
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 <i>LLOYD JOHNSON</i>		Signature <i>Lloyd Johnson</i>		Date <i>11/9/14/93</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Howard Jackson</i>		Date <i>11/10/14/93</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Date	
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.		Signature <i>Norman N. Williams Jr</i>		Date <i>11/11/14/93</i>	
Printed/Typed Name		Signature		Date	

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-3637 and the National Response Center at 800 / 424-8802 or 202 / 426-2675.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of 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.

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

UNIFORM HAZARDOUS WASTE MANIFEST

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

3. Generator's Name and Mailing Address
 HARKLAND QUICK STOP
 411 W. MAIN ST.
 HARKLAND, ILL
 Location If Different: 4. Generator's Phone ()

5. Transporter 1 Company Name
 NORTH BRANCH
 6. US EPA ID Number
 7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address
 Interstate Pollution Control
 4430 DOERING DRIVE
 ROCK FORD, ILL 61105
 10. US EPA ID Number

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit (M/Vol)
	No.	Type		
a. NON HAZARDOUS LIQUID WATER	001	T	5.700	G
b.				
c.				
d.				

13. Additional Description for Materials Listed Above
 Handling Codes for Waste in Item 11's: = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information

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: JOHN D. BLAKE Signature: [Signature] Date: 6/15/97

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name: Tim O'Callaghan Signature: [Signature] Date: 6/15/97

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

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: JERRY WANDERLINDEN Signature: [Signature] Date: 6/15/97

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111 1/2 Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed \$20,000 per day of violation. Fabrication 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.

In case of a spill call the Illinois Office of Emergency Response at 217/782-3637 and the National Response Center at 800/424-8802 or 202/426-2675.

*NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH.

EPA Form 8700-22 (Rev. 6-89)

Form Approved. OMB No. 2050-0039, Expires 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois Law.	
3. Generator's Name and Mailing Address Kirkland Quik Stop 411 W. Main Street Kirkland, IL			Location If Different:		Manifest Document Number 11-308541	Fee Paid: Applicable
4. * 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS *		5. Transporter 1 Company Name TICS	6. US EPA ID Number	7. Transporter 2 Company Name	8. US EPA ID Number	9. Designated Facility Name and Site Address IPC 4430 BOEING DRIVE ROCKFORD ILLINOIS
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	14. Unit Wt/Vol	
a. NON-HAZARDOUS GROUND WATER		001 1T		002500		
b.						
c.						
d.						
15. Special Handling Instructions and Additional Information INVOICE # 2697				16. Handling Codes for Waste (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z)		
18. 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 F. J. ...		Signature F. J. ...		Month Day Year 8/15/16		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed / Typed Name DALE JACKSON		Signature Dale Jackson		Month Day Year 8/15/16		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed / Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hardous materials covered by this manifest except as noted in item 19.						
Printed / Typed Name M. J. ...		Signature M. J. ...		Month Day Year 8/15/16		

GENERATOR

TRANSPORTER

FACILITY

In case of a spill call the Illinois Office of Emergency Response at 217/792-7860 and the National Response Center at 800/424-9802 or 202/426-2675.

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1027, 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 6 years. This form has been approved by the Force Management Center.

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois Law.	
3. Generator's Name and Mailing Address Kirkland Quick Stop 411 W. Main Street Kirkland, IL		Location If Different:		1. Illinois Manifest Document Number 114708542		
4. * 24 HOUR EMERGENCY AND SPECIAL ASSISTANCE NUMBERS *				2. Illinois Generator ID Number 03700001		
5. Transporter 1 Company Name TICS	6. US EPA ID Number			3. Illinois Transporter ID Number 153041779		
7. Transporter 2 Company Name	8. US EPA ID Number			4. Illinois Facility ID Number 2013002		
9. Designated Facility Name and Site Address IPC 4430 BOEING DRIVE ROCKFORD, ILLINOIS 61101		10. US EPA ID Number		5. Illinois Facility Phone 815-397-2911		
11. US DOT Description (Including Proper Shipping Name, Hazard-Class, and ID Number)			12. Containers No.	Type	13. Total Quantity	14. Unit W/Vol
a. NON HAZARDOUS GROUND WATER			001	TT	001900	6
b.						
c.						
d.						
Additional Description for Materials Listed Above			Handling Codes for Wastes Listed Above G = Gallons; Y = Cubic Yards			
15. Special Handling Instructions and Additional Information INVOICE #						
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. Date						
Printed / Typed Name DICK FERNANDEZ		Signature		Month Day Year 11/11/93		
17. Transporter 1 Acknowledgement of Receipt of Materials Date						
Printed / Typed Name HOWARD JACKSON		Signature		Month Day Year 11/10/93		
18. Transporter 2 Acknowledgement of Receipt of Materials Date						
Printed / Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hardous materials covered by this manifest except as noted in item 19. Date						
Printed / Typed Name KATHY WANCE		Signature		Month Day Year 11/10/93		

In case of a spill call the Illinois Office of Emergency Response at 217/782-7860 and the National Response Center at 800/424-9802 or 202/426-2675.

STATE OF ILLINOIS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF LAND POLLUTION CONTROL

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1025, 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 3 years. This form has been approved by the Force Management Center.

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH.

EPA Form 8700-22 (Rev. 8-89)

Form Approved. OMB No. 2050-0039, Expires 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1. of	Information in the shaded areas is not required by Federal law, but is required by Illinois Law.	
3. Generator's Name and Mailing Address Kirkland Quick Stop 411 W. Main Street Kirkland, IL		Location if Different:		Manifest Document Number: 157085		
4. * 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS *						
5. Transporter 1 Company Name TICS	6. US EPA ID Number	Manifest Document Number: 157085				
7. Transporter 2 Company Name	8. US EPA ID Number	Manifest Document Number: 157085				
9. Designated Facility Name and Site Address IPC 4430 BOEING DRIVE ROCKFORD, ILLINOIS	10. US EPA ID Number	Manifest Document Number: 157085				
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Additional Description of Material (if not on manifest)	
NON HAZARDOUS GROUND WATER		001	002400	Gal	Handling Codes for Waste (see 49 CFR 173.155)	
a.					Gallons Cubic yards	
b.						
c.						
d.						
15. Special Handling Instructions and Additional Information INVOICE #						
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. Date						
Printed / Typed Name JOHN D. BLACK		Signature <i>[Signature]</i>		Month Day Year 10 10 93		
17. Transporter 1 Acknowledgement of Receipt of Materials Date						
Printed / Typed Name HOWARD JACKSON		Signature <i>[Signature]</i>		Month Day Year 10 09 93		
18. Transporter 2 Acknowledgement of Receipt of Materials Date						
Printed / Typed Name		Signature		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. Date						
Printed / Typed Name JERRY HANSENHEIDAL		Signature <i>[Signature]</i>		Month Day Year 10 10 93		

In case of a spill call the Illinois Office of Emergency Response at 217/782-7860 and the National Response Center at 800/424-6802 or 202/426-2675.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1969, Chapter 111 1/2, Section 1004 and 1021, that this information be furnished 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 6 years. This form has been approved by the Forms Management Center.

LEASE TYPE

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

EPA Form 8700-22 (Rev. 6-89)

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.
	3. Generator's Name and Mailing Address Kirkland Quick Stop 711 W. Main St. Kirkland, Ill.		Location if Different	

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS*	6. US EPA ID Number	7. US EPA ID Number	8. US EPA ID Number	9. US EPA ID Number
5. Transporter 1 Company Name North Branch Env.				
7. Transporter 2 Company Name				
9. Designated Facility Name and Site Address I.P.C. 4430 BOEING DRIVE ROCKFORD, ILL 61109	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 W/Vol
a. NonHAZARDOUS Liquid WASTE WATER	001	4	5,700	6
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information

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	Signature	Date
JOHN S. BLAKE	[Signature]	10.08.93
Printed/Typed Name	Signature	Date
Tom Suerth	[Signature]	10.08.93
Printed/Typed Name	Signature	Date
	[Signature]	

17. Transporter 1 Acknowledgement of Receipt of Materials

18. Transporter 2 Acknowledgement of Receipt of Materials

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.	Date	
Printed/Typed Name	Signature	Date
JERRY VANDERHEYDEN	[Signature]	10.08.93

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1504 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.

In case of a spill call the Illinois Office of Emergency Response at 217/782-7860 and the National Response Center at 800/424-9802 or 202/426-2675.



Electronic Filing - Received Clerk's Office 06/15/2006
P.O. BOX 19278 SPRINGFIELD, ILLINOIS 62794-9278 (217) 782-6781
State Form LFC 828/81 IL532-0810

TRANSHIPMENT OF HAZARDOUS WASTE
SPECIAL WASTE

PLEASE TYPE (Form designed for use on site (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.	
3. Generator's Name and Mailing Address Kirk Lane Quick Stop 411 W. Main Street Kin Kland Ill		Location If Different				
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS*						
5. Transporter 1 Company Name North Branch Environmental	6. US EPA ID Number					
7. Transporter 2 Company Name	8. US EPA ID Number					
9. Designated Facility Name and Site Address I.P.C. 4430 Beeing Drive Rockford Ill 61109	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
a. Non Hazardous Liquid Waste Water			0.1	+	5,700 G	
b.						
c.						
d.						
15. Special Handling Instructions and Additional Information				Gallons = Y = Cubic Yards 		
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 John D. Blake		Signature 		Date 6/08/93		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Tom Suerth		Signature 		Date 10/08/93
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature		Date
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.						Date
Printed/Typed Name MICHAEL J. HAVENS		Signature 		Date 10/08/93		

In case of a spill call the Illinois Office of Emergency Response at 217/782-7860 and the National Response Center at 800/424-9802 or 202/426-2675.

GENERAL INFORMATION

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 6 years. This form has been approved by the Forms Management Center.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. 124230

2. Page 1 of

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

3. Generator's Name and Mailing Address
KIRKLAND QUICKSTOP
411 W. MAIN ST
KIRKLAND ILL

Location If Different

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS*

6. Transporter 1 Company Name
NORTH BRANCH

8. US EPA ID Number

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
INTERSTATE POLLUTION CONTROL
1430 BERING DRIVE
ROCKFORD ILL 61109

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

a. NON HAZARDOUS GROUND WATER

DRUM 5.700 G

15. Special Handling Instructions and Additional Information

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
PATRICK EGAN

Signature
Patrick Egan

Date
Month Day Year
10 08 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
TIM O'CALLAGHAN

Signature
Tim O'Callaghan

Date
Month Day Year
10 08 93

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
MICHAEL J. HARVEY

Signature
Michael J. Harvey

Date
Month Day Year
10 08 93

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.

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 or 202/426-2675.

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.
3. Generator's Name and Mailing Address Kirk Lane Quick Stop 411 W. Main Street Kirkland Ill		Location If Different			
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS*					
5. Transporter 1 Company Name North BRANCH Environmental	6. US EPA ID Number				
7. Transporter 2 Company Name	8. US EPA ID Number				
9. Designated Facility Name and Site Address I.P.C. 4430 Boeing Drive Rockford Ill 61109	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		
a. Non Hazardous Liquid Waste Water	0.1 t +	5,700 G			
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information					
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 JOHN D. BLAKE		Signature <i>[Signature]</i>		Date 10/08/93	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Tom Sucketh		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
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.				Date	
Printed/Typed Name MICHAEL J. HAVENS		Signature <i>[Signature]</i>		Month Day Year 10/08/93	

GENERATOR OR

In case of a spill call the Illinois Office of Emergency Response at 217/782-7860 and the National Response Center at 800/424-9802 or 202/426-2675.

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 V.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.

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 6700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No. 120230	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.
3. Generator's Name and Mailing Address KIRKLAND QUILESTOP 411 W. MAIN ST KIRKLAND ILL		Location If Different			
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS*					
5. Transporter 1 Company Name NORTH BRANCH	6. US EPA ID Number				
7. Transporter 2 Company Name	8. US EPA ID Number				
9. Designated Facility Name and Site Address INTERSTATE POLLUTION CONTROL 4430 BERING DRIVE ROCKFORD ILL 61109		10. US EPA ID Number			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. NON HAZARDOUS GROUND WATER			001 T	5700 G	
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information					
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 PATRICK EGAN		Signature <i>Patrick Egan</i>		Date 10/08/93	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name TIM O'Callaghan		Signature <i>Tim O'Callaghan</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
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.					Date
Printed/Typed Name MICHAEL J. HARVEY		Signature <i>Michael J. Harvey</i>		Date 10/08/93	

In case of a spill call the Illinois Office of Emergency Response at 217/782-7860 and the National Response Center at 800/424-9802 or 202/426-2675.

GREEN BOOK

7811

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 B

**Manifests from Disposal of Contaminated
Soil**



PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.	2. Page 1 of		Information in the shaded areas is not required by Federal law, but is required by Illinois law.	
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL				Location If Different				
4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 656-4726								
5. Transporter 1 Company Name KASPER TRUCKING		6. US EPA ID Number						
7. Transporter 2 Company Name		8. US EPA ID Number						
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109				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	
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.				0.01	DT	00015	Y	
b. <i>Non-Hazardous, Non-regulated Soil By D.O.T.</i>				00.1	DT	00015	Y	
c. <i>Non-Hazardous, Non-regulated Soil By D.O.T.</i>				0.01	DT	00015	Y	
d.								
15. Special Handling Instructions and Additional Information								
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 LLOYD AND JANICE JOHNSON				Signature <i>Lloyd Johnson</i>			Date 07/29/94	
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed/Typed Name <i>Walter H. Woodworth</i>				Signature <i>Walter H. Woodworth</i>			Date 07/29/94	
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed/Typed Name				Signature			Date	
19. Discrepancy Indication Space								
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 15.								Date
Printed/Typed Name <i>Linda Lusk</i>				Signature <i>Linda Lusk</i>			Date 07/29/94	

GENERATOR

TRANSPORTER

FACILITY

In case of a spill call the Illinois Office of Emergency Response at 217/782-7860 and the National Response Center at 800/424-9302 or 202/426-2675.

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 117, Section 1004 and 1001, 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 Form Management Center.

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.	
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL		Location If Different				
4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726						
5. Transporter 1 Company Name KASPER TRUCKING	6. US EPA ID Number					
7. Transporter 2 Company Name	8. US EPA ID Number					
9. Designated Facility Name and Site Address WINNERAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109		10. US EPA ID Number				
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.				No. 001	Type DT	00015 Y
b. NON-HAZARDOUS NON-REG. SOIL BY DOT				001	DT	010115 Y
c. NON-HAZARDOUS NON-REG. SOIL BY DOT				001	DT	010115 Y
d. NON-HAZARDOUS NON-REG. SOIL BY DOT				001	DT	010115 Y
15. Special Handling Instructions and Additional Information						
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 LOYD AND JANICE JOHNSON		Signature <i>Lloyd Johnson</i>		Date 07 28 94		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name KARL NOLAN		Signature <i>Karl Nolan</i>		Date 07 28 94		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Date		
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 LINDA HUTT		Signature <i>Linda Hutt</i>		Date 07 28 94		

GENERATOR

TRANSPORTER

FACILITY

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-7860 and the National Response Center at 800 / 424-9302 or 202 / 426-2675.

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111, § 102, 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.



PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-94

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-7860 and the National Response Center at 800 / 424-9802 or 202 / 426-2675.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law, but is required by Illinois law.			
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL		Location If Different									
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726											
5. Transporter 1 Company Name KASPER TRUCKING		6. US EPA ID Number									
7. Transporter 2 Company Name		8. US EPA ID Number									
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109		10. US EPA ID Number									
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit			
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.				No. Type		Quantity		WT/Vol			
				0 0 1 DT		0 0 0 1 5		Y			
b. NON-HAZARDOUS, NON REG. Soil By D.O.T.				0 0 1 DT		0 0 0 1 5		Y			
c. NON-HAZARDOUS, NON REG. Soil By D.O.T.				0 0 1 DT		0 0 0 1 5		Y			
d.											
15. Special Handling Instructions and Additional Information											
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 LLOYD AND JANICE JOHNSON				Signature <i>Lloyd Johnson</i>				Date 07/29/14			
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name KARL NOLAN				Signature <i>Karl Nolan</i>		Date 07/29/14	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name				Signature			
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.								Date			
Printed/Typed Name LINDA W. ARRELL				Signature <i>Linda W. Arrell</i>				Date 07/29/14			

GENERATOR

TRANSPORTER

FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 112, Section 1004 and 1005, 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 \$25,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.



PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-94

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 or 202 / 426-2675.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.	
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL		Location If Different				
4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726						
5. Transporter 1 Company Name ROCKFORD BLACKTOP	6. US EPA ID Number					
7. Transporter 2 Company Name	8. US EPA ID Number					
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109	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	
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.		0 0 1	DT	0 0 0 1 5	Y	
b. " " " " " "		0 0 1	DT	0 0 0 1 5	Y	
c. " " " " " "		0 0 1	DT	0 0 0 1 5	Y	
d. " " " " " "		0 0 1	DT	0 0 0 1 5	Y	
15. Special Handling Instructions and Additional Information						
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: LLOYD AND JANICE JOHNSON		Signature: 		Date: 07 29 94		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name: Don Mills		Signature: 		Date: 07 29 94		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name:		Signature:		Date:		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 18.						
Printed/Typed Name: 		Signature: 		Date: 07 29 94		

GENERATOR

TRANSPORTER

FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 112, 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 6 years. This form has been approved by the Forms Management Center.

PLEASE TYPE (Form designed for use on 8 1/2 x 11 (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.
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3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL		Location If Different	
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726			
5. Transporter 1 Company Name ROCKFORD BLACKTOP	6. US EPA ID Number		
7. Transporter 2 Company Name	8. US EPA ID Number		
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109	10. US EPA ID Number		

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.	0 0 1	DT	0 0 0 1 5	Y
b. " " " " " "	0 0 1	DT	0 0 0 1 5	Y
c. " " " " " "	0 0 1	DT	0 0 0 1 5	Y
d.				



15. Special Handling Instructions and Additional Information

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 LLOYD AND JANICE JOHNSON	Signature <i>Lloyd Johnson</i>	Date 07/29/94
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17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name DON MILLS	Signature <i>Don Mills</i>	Date 07/29/94

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date

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 LINDA CUTRELL	Signature <i>Linda Cutrell</i>	Date 07/29/94

The 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.

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 or 202/426-2675.

GENERATOR

TRANSPORTER

FACILITY

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.	2. Page 1 of		Information in the shaded areas is not required by Federal law, but is required by Illinois law.			
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL				Location If Different						
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726										
5. Transporter 1 Company Name ROCKFORD BLACKTOP		6. US EPA ID Number								
7. Transporter 2 Company Name		8. US EPA ID Number								
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109		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	
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.						0 0 1	DT	0 0 0 1 5	Y	
b. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.						0 0 1	DT	0 0 0 1 5	Y	
c. NON-HAZARDOUS - NON REGULATED SOIL BY D.O.T.						0 0 1	DT	0 0 0 1 5	Y	
d. NON-HAZARDOUS - NON REGULATED - SOIL BY D.O.T.						0 0 1	DT	0 0 0 1 5	Y	
15. Special Handling Instructions and Additional Information										
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 LLOYD AND JANICE JOHNSON								Signature <i>[Signature]</i>		Date 07/29/94
17. Transporter 1 Acknowledgement of Receipt of Materials								Date		
Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>				Date 7/29/94		
18. Transporter 2 Acknowledgement of Receipt of Materials								Date		
Printed/Typed Name				Signature				Date		
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.								Date		
Printed/Typed Name LINDA WITSELL				Signature <i>[Signature]</i>				Date 07/29/94		

GENERATOR

TRANSPORTER

FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 117 1/2, Section 106-102.1, 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.



PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-94

In case of a spill call the Illinois Office of Emergency Response at 217/782-7860 and the National Response Center at 800/424-9802 or 202/426-2675.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL		Location if Different			
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726					
5. Transporter 1 Company Name ROCKFORD BLACKTOP	6. US EPA ID Number				
7. Transporter 2 Company Name	8. US EPA ID Number				
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109	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
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.		0 0 1	DT	0 0 0 1 5	Y
b. " " " " " " "		0 0 1	DT	0 0 0 1 5	Y
c. " " " " " " "		0 0 1	DT	0 0 0 1 5	Y
d.					
15. Special Handling Instructions and Additional Information					
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 LLOYD AND JANICE JOHNSON		Signature <i>Lloyd Johnson</i>		Date 07/29/94	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Danny R. Aronson</i>		Date 7/29/94	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
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.		Signature <i>Linda W. Hrell</i>		Date 07/29/94	

GENERATOR

TRANSPORTER

FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 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 \$20,000 per day of violation. Fabrication 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.

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.	2. Page 1 of		Information in the shaded areas is not required by Federal law, but is required by Illinois law.	
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL		Location If Different						
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726								
5. Transporter 1 Company Name KASPER TRUCKING		6. US EPA ID Number						
7. Transporter 2 Company Name		8. US EPA ID Number						
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109		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	
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.				0 0 1	DT	0 0 0 1 5	Y	
b. <i>NON-HAZARDOUS, NON REGULATED SOIL BY DOT</i>				0 0 1	DT	0 0 0 1 5	Y	
c. <i>NON-HAZARDOUS, NON REGULATED SOIL BY DOT</i>				0 0 1	DT	0 0 0 1 5	Y	
d. <i>NON-HAZARDOUS, NON REGULATED SOIL BY DOT</i>				0 0 1	DT	0 0 0 1 5	Y	
15. Special Handling Instructions and Additional Information								
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 LLOYD AND JANICE JOHNSON				Signature <i>[Signature]</i>			Date 07/19/94	
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name Brent Hart			Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name			Signature	
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 <i>[Signature]</i>			Signature <i>[Signature]</i>	
							Date 07/29/94	

GENERATOR TRANSPORTER FACILITY

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-7860 and the National Response Center at 800 / 424-9802 or 202 / 426-2875.

PLEASE TYPE

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

EPA Form 8700-22 (Rev. 8-89)

Form Approved. OMB No. 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

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

**KIRKLAND QUICK STOP
411 MAIN STREET
KIRKLAND, IL**

4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726

5. Transporter 1 Company Name

6. US EPA ID Number

KASPER TRUCKING

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

10. US EPA ID Number

**WINNEBAGO RECLAMATION LANDFILL
8315 LINDENWOOD ROAD
NEW MILFORD, IL 61109**

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total Quantity

14. Unit

a. **NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.**

0.01 DT 00015 Y

b. *NON HAZARDOUS, NON REGULATED SOIL BY DOT*

0.01 DT 00015 Y

c. *NON HAZARDOUS, NON REGULATED SOIL BY DOT*

0.01 DT 00015 Y

d.

ONE 55 GALLON CONCENTRATED MOTOR GASOLINE AND DIESEL FUEL BLEND 7 39675

Gallons

15. Special Handling Instructions and Additional Information

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
LLOYD AND JANICE JOHNSON

Signature
Lloyd Johnson

Date
07/29/94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
Brent Hart

Signature
Brent Hart

Date
07/29/94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

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
Lloyd Johnson

Signature
Lloyd Johnson

Date
07/29/94

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-7860 and the National Response Center at 800 / 424-9802 or 202 / 426-2675.



PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-94

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-7860 and the National Response Center at 800 / 424-8902 or 202 / 426-2875.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.	2. Page 1 of		Information in the shaded areas is not required by Federal law, but is required by Illinois law.			
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL				Location If Different						
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726										
5. Transporter 1 Company Name EHRHART TRUCKING		6. US EPA ID Number								
7. Transporter 2 Company Name		8. US EPA ID Number								
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109		10. US EPA ID Number								
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit Wt/Vol		
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.				No. Type						
				0 0 1 DT		0 0 0 1 5		Y		
b. non-Hazardous, non Regulated Soil By D.O.T				0 0 1 DT		0 0 0 1 5		Y		
c. non-Hazardous, non Regulated Soil By D.O.T				0 0 1 DT		0 0 0 1 5		Y		
d. non-Hazardous, non Regulated Soil By D.O.T				0 0 1 DT		0 0 0 1 5		Y		
15. Special Handling Instructions and Additional Information										
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 LLOYD AND JANICE JOHNSON				Signature 			Date 07/29/94			
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name Ray Heeren			Signature 		Date 07/29/94	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name			Signature		Date	
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 LINDA LUTRELL			Signature 		Date 07/29/94	

GENERATOR

TRANSPORTER

FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1969, Chapter 211 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.

PLEASE TYPE

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

EPA Form 8700-22 (Rev. 6-89)

Form Approved, OMB No. 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law, but is required by Illinois law.			
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL				Location If Different							
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726											
5. Transporter 1 Company Name EHRHART TRUCKING				6. US EPA ID Number							
7. Transporter 2 Company Name				8. US EPA ID Number							
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109				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	
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.						0 0 1 DT 0 0 0 1 5		Y			
b. <i>non Hazardous, non Regulated Soil By D.O.T.</i>						0 0 1 DT 0 0 0 1 5		Y			
c. <i>non Hazardous, non Regulated Soil By D.O.T</i>						0 0 1 DT 0 0 0 1 5		Y			
d.											
15. Special Handling Instructions and Additional Information						<p>THIS SOIL CONTAMINATED WITH GASOLINE AND DIESEL OIL</p> <p>INCIDENT # 89-717</p> <p>61-Gallons</p>					
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 LLOYD AND JANICE JOHNSON				Signature <i>Lloyd Johnson</i>				Date Month Day Year			
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name <i>Ray Heeren</i>				Signature <i>Ray Heeren</i>				Date 07/29/94			
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name				Signature				Date			
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 <i>INDALE ARELL</i>				Signature <i>Indale Arell</i>				Date 07/29/94			

GENERATOR


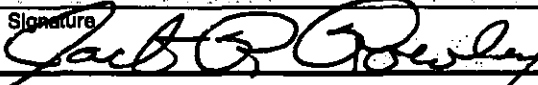
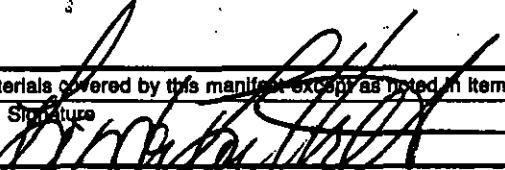
TRANSPORTER

FACILITY

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-7860 and the National Response Center at 800 / 424-9802 or 202 / 426-2675.

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111, Section 1004 and 1007, 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.

IN CASE OF A SPILL CALL THE ILLINOIS OFFICE OF EMERGENCY RESPONSE AT 217 / 782-7860 AND THE NATIONAL RESPONSE CENTER AT 800 / 424-9802 OR 202 / 426-2675.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law, but is required by Illinois law.	
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL		Location If Different							
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726									
5. Transporter 1 Company Name EHR HART TRUCKING		6. US EPA ID Number							
7. Transporter 2 Company Name		8. US EPA ID Number							
9. Designated Facility Name and Site Address WINNERAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109		10. US EPA ID Number							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit Wt/Vol	
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.				No. Type		Quantity		Y	
				0 0 1 DT		0 0 0 1 5			
b. <i>Non-Hazardous, Non-Regulated Soil, D.O.T</i>									
c. <i>Non-Hazardous Non-Regulated Soil, D.O.T</i>									
d. <i>Non-Hazardous Non-Regulated Soil, D.O.T</i>									
15. Special Handling Instructions and Additional Information									
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 LLOYD AND JANICE JOHNSON				Signature 				Date 07/29/94	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name JACK R ROWLEY				Signature 				Date 07/29/94	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature				Date	
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 LINDA WARE				Signature 				Date 07/29/94	

GENERATOR

TRANSPORTER

FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 114, 1/2, Section 106 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.

PLEASE TYPE

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

EPA Form 8700-22 (Rev. 6-89)

Form Approved. OMB No. 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

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

KIRKLAND QUICK STOP
411 MAIN STREET
KIRKLAND, IL

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726

5. Transporter 1 Company Name

6. US EPA ID Number

EHRHART TRUCKING

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

10. US EPA ID Number

WINNEBAGO RECLAMATION LANDFILL
8315 LINDENWOOD ROAD
NEW MILFORD, IL 61109

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total Quantity

14. Unit WW/Vol

a. **NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.**

0 0 1 DT 0 0 0 1 5 Y

b. *Non Hazardous Non Regulated Soil By DOT 001 D1600 1 5 Y*

c. *Non Hazardous Non Regulated Soil By DOT 001 D1600 1 5 Y*

d.

LOUSE SOIL CONTAMINATED WITH CASSETTE AND DIESEL OIL.
INCIDENT # 89/10.

15. Special Handling Instructions and Additional Information

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
LLOYD AND JANICE JOHNSON

Signature
Lloyd Johnson

Date
Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
JACK R FOWLEY

Signature
Jack R Fowley

Date
Month Day Year
07 29 14

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
CHRIS FRELL

Signature
Chris Frell

Date
Month Day Year
06 15 10

In case of a spill call the Illinois Office of Emergency Response at 217/782-7880 and the National Response Center at 800/424-9802 or 202/426-2675.

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
Electronic Filing - Received, Clerk's Office: 06/15/2010

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, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

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

KIRKLAND QUICK STOP
411 MAIN STREET
KIRKLAND, IL

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726

5. Transporter 1 Company Name 6. US EPA ID Number

Murray Bros. Trucking

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

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

WINNEBAGO RECLAMATION LANDFILL
8315 LINDENWOOD ROAD
NEW MILFORD, IL 61109

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. **NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.**

0 0 1 DT 0 0 0 1 5 Y

b. " " " "

0 0 2 DT 0 0 0 1 5 Y

c. " " " "

0 0 3 DT 0 0 0 1 5 Y

d. " " " "

0 0 4 DT 0 0 0 1 5 Y

14. Additional Description of Material

USED OIL CONTAINED WITH GASOLINE AND DIESEL OILS
INCIDENT # 891717.

60 Gallons 1 - 500 - Yards

15. Special Handling Instructions and Additional Information

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
LLOYD AND JANICE JOHNSON

Signature
Lloyd Johnson

Date
7 29 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
David Murray

Signature
David Murray

Date
7 29 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

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
David Murray

Signature
David Murray

Date
07 29 94

GENERATOR

TRANSPORTER

FACILITY

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 or 202 / 426-2875.

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 117, 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.

PLEASE TYPE

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

EPA Form 8700-22 (Rev. 6-89)

Form Approved. OMB No. 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL		Location If Different		Illinois Manifest Document No. 03531	
4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726					
5. Transporter 1 Company Name MURRAY BROS TRUCKING	6. US EPA ID Number				
7. Transporter 2 Company Name	8. US EPA ID Number				
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109		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
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.		0 0 1	DT	0 0 0 1 5	Y
b. 11		0 0 2 0 5		0 0 0 1 5	Y
c.					
d.					
15. Special Handling Instructions and Additional Information		<p>11% SOIL CONTAMINATED WITH GASOLINE AND DIESEL OILS. INCIDENT # 089175.</p>			
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 LLOYD AND JANICE JOHNSON		Signature <i>Lloyd Johnson</i>		Date 6/29/99	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name David Murray		Signature <i>David Murray</i>		Date 7/29/99	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
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 CRINA WARELL		Signature <i>Crina Warell</i>		Date	

GENERATOR

TRANSPORTER

FACILITY

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 or 202 / 426-57

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. This information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Fabrication of this information per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.



Electronic Filing - Received Clerk's Office 06/15/2010
P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276
State Form LFC 82 8/81 IL332-0610

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, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law, but is required by Illinois law.	
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL				Location if Different					
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726									
5. Transporter 1 Company Name KASPER TRUCKING		6. US EPA ID Number							
7. Transporter 2 Company Name		8. US EPA ID Number							
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109		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	
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.				0 0 1 DT 0 0 0 1 5 Y					
b. Non-Hazardous, non-Regulated soil BY D.O.T.				0 0 1 DT 0 0 0 1 5 Y					
c. non-Hazardous-Non regulated soil by D.O.T.				0 0 1 DT 0 0 0 1 5 Y					
d. non-Hazardous-Non regulated soil by D.O.T.				0 0 1 DT 0 0 0 1 5 Y					
<p>JUST SOIL CONTAMINATED WITH GASOLINE AND DIESEL OIL DISPOSED 4/89/17/.</p>									
15. Special Handling Instructions and Additional Information									
<p>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.</p> <p>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.</p>									
Printed/Typed Name LLOYD AND JANICE JOHNSON				Signature 		Date 7 29 94			
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name TODD FISHER				Signature 		Date 7 29 94			
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature		Date			
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 LINDA LUTRELL				Signature 		Date 07 29 94			

GENERATOR

TRANSPORTER

FACILITY

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-7860 and the National Response Center at 800 / 424-6802 or 202 / 426-2675.

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111, Section 100-1 and 102-1, 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.



Electronic Filing - Received Clerk's Office 06/15/2010

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, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law, but is required by Illinois law.		
3. Generator's Name and Mailing Address KIRKLAND QUICK STOP 411 MAIN STREET KIRKLAND, IL				Location If Different				
4. 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (815) 654-4726								
5. Transporter 1 Company Name KASPER TRUCKING		6. US EPA ID Number						
7. Transporter 2 Company Name		8. US EPA ID Number						
9. Designated Facility Name and Site Address WINNEBAGO RECLAMATION LANDFILL 8315 LINDENWOOD ROAD NEW MILFORD, IL 61109		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	
a. NON-HAZARDOUS, NON-REGULATED SOIL BY D.O.T.				0 0 1 DT		0 0 0 1 5	Y	
b. NON-HAZARDOUS, non regulated soil by D.O.T.				0 0 1 D.T.		0 0 0 1 5	Y	
c. non-Hazardous, non regulated soil by D.O.T.				0 0 1 D.T.		0 0 0 1 5	Y	
d.								
15. Special Handling Instructions and Additional Information				<p>US SOIL CONTAMINATED WITH GASOLINE AND DIESEL OIL</p> <p>INCIDENT # 891717</p> <p>9 - Gallons 1 - 55 Gallon Drum</p>				
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 LLOYD AND JANICE JOHNSON				Signature <i>Lloyd Johnson</i>		Date 07/29/94		
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name JOOD FISHER		Signature <i>Jood Fisher</i>		
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature		
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 LINDA WATSON		Signature <i>Linda Watson</i>		
						Date 07/29/94		

GENERATOR

TRANSPORTER

FACILITY

In case of a spill call the Illinois Office of Emergency Response at 217 / 782-7860 and the National Response Center at 800 / 424-9802 or 202 / 426-2675.

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 C

**Analytical Tabular Summaries, Reports,
CoCs, Lab Certifications (old data)**

ANALYTICAL TABULAR SUMMARY
Blake Oil Company, Kirkland Quickstop
Groundwater Results

Chemical	2001				2002				2003				2004				2005				2006				2007				2008				2009				TACO Standard			
	Aug-01	Aug-01	Aug-01	Aug-01	May-02	May-02	May-02	May-02	Apr-03	Apr-03	Apr-03	Apr-03	May-04	May-04	May-04	May-04	Jun-05	Jun-05	Jun-05	Jun-05	Apr-06	Apr-06	Apr-06	Apr-06	Mar-07	Mar-07	Mar-07	Mar-07	Mar-08	Mar-08	Mar-08	Mar-08	Feb-09	Feb-09	Feb-09	Feb-09				
Benzene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Ethyl Benzene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Toluene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Xylenes (Total)	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Benzene (M) methylene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Benzene (M) benzene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Benzene (M) toluene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Benzene (M) ethylbenzene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Benzene (M) xylene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Chloroform (M) methylene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Fluorene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Indene (1,2,3-c-d) pyrene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Naphthalene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

Received, Clerk's Office : 06/15/2016

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Poor Quality Original Documents

and not the scanning or filming processes.

Com Microfilm Company

(217) 525-5860

ANALYTICAL TABULAR SUMMARY

**Blake Oil Company
Kirkland Quickstop
Groundwater Results
August 2001**

Contaminant	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	Sample 11
Benzene	<0.005	<0.005		<0.005			<0.005		<0.005	<0.005	0.005
Toluene	<0.005	<0.005	<0.005	<0.005	0.0135	<0.005	<0.005	0.0185	<0.005	<0.005	1
Ethyl Benzene	<0.005	<0.005	<0.005	<0.005	0.301	<0.005	<0.005	0.0429	<0.005	<0.005	0.7
Xylenes (Total)	<0.005	<0.005	0.0059	0.0057	0.661	<0.005	0.0056	0.0354	<0.005	<0.005	10
Acenaphthene	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.42
Acenaphthylene	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	
Anthracene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	2.1
Benzo(a)anthracene	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013		<0.00013	<0.00013	<0.00013	0.00013
Benzo(a)pyrene	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	0.0002
Benzo(b)fluoranthene	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018		<0.00018	<0.00018	<0.00018	0.00018
Benzo(k)fluoranthene	<0.00017	<0.00017	<0.00017	<0.00017	<0.00017	<0.00017		<0.00017	<0.00017	<0.00017	0.00017
Benzo(g,h,i)perylene	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	0.0005	<0.0004	<0.0004	<0.0004	
Chrysene	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	0.0015
Dibenzo(a,h)anthracene	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.0003
Fluoranthene	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.28
Fluorene	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.002	<0.002	<0.002	0.28
Indeno(1,2,3 c-d)pyrene	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.00040	<0.0003	<0.0003	<0.0003	0.00043
Naphthalene	<0.010	<0.010	<0.010	<0.010		<0.010	<0.010	0.018	<0.010	<0.010	0.025
Phenanthrene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Pyrene	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.21

above detection levels in **BOLD**
above TACO cleanup objectives in **BOLD and HIGHLIGHTED**

All results reported in mg/kg or parts per million (ppm)

*TACO 6-5-97 Final Order, Section 742, Appendix B: Table E; Tier 1 Groundwater Remediation Objectives for the Groundwater (GW) Component of the GW Ingestion Route, Class I GW.



**First
Environmental
Laboratories, Inc.**

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IEPA Certification #100292

September 6, 2001

Mr. Patrick Egan
TRANS ENVIRONMENTAL, LLC
4722 B Rockton Road
Roscoe, IL 61073

Project ID: 01-094
First Environmental File ID: 40389-98
Date Received: August 24th, 2001

Dear Mr. Egan:

The above referenced project was analyzed as directed on the enclosed chain of custody form.

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, December 1996. The actual method references are listed on the Analytical Report.

All analyses were performed within established holding times, and all Quality Control criteria as outlined in the methods have been met. All QA/QC documentation, and raw data will remain on file for future reference.

It has been a pleasure providing you with analytical services, and we look forward to working with you again in the future. If you have any questions regarding this report, or need additional information, please contact me at (630) 778-1200.

Sincerely,

Stan Zaworski
Project Manager



**First
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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	08/24/01
Project ID:	01-094	Date Taken:	08/23/01
Sample Number:	40389	Time Taken:	9:28
Sample Description:	MW-1	Date Reported:	09/06/01
Lab File ID:	40389-98		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 09/03/01

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 08/30/01

Analysis Date: 09/01/01

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	

**First
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IEPA Certification #100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	08/24/01
Project ID:	01-094	Date Taken:	08/23/01
Sample Number:	40390	Time Taken:	7:30
Sample Description:	MW-2	Date Reported:	09/06/01
Lab File ID:	40389-98		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 09/03/01

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 08/30/01

Analysis Date: 09/01/01

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	

**First
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IEPA Certification #100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	08/24/01
Project ID:	01-094	Date Taken:	08/23/01
Sample Number:	40391	Time Taken:	10:20
Sample Description:	MW-3A	Date Reported:	09/06/01
Lab File ID:	40389-98		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 09/03/01

Benzene	38.2	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	5.9	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 08/30/01

Analysis Date: 09/01/01

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	



**First
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IEPA Certification #100292

Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	08/24/01
Project ID:	01-094	Date Taken:	08/23/01
Sample Number:	40392	Time Taken:	9:00
Sample Description:	MW-4	Date Reported:	09/06/01
Lab File ID:	40389-98		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B
Analysis Date: 09/03/01

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	5.7	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 08/30/01
Analysis Date: 09/01/01

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	

**First
Environmental
Laboratories, Inc.**1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IEPA Certification #100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	08/24/01
Project ID:	01-094	Date Taken:	08/23/01
Sample Number:	40393	Time Taken:	9:52
Sample Description:	MW-5	Date Reported:	09/06/01
Lab File ID:	40389-98		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 09/03/01

Benzene	235	ug/L	
Toluene	13.5	ug/L	
Ethyl benzene	301	ug/L	
Xylenes (total)	661	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 08/30/01

Analysis Date: 09/01/01

Naphthalene	51	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	

**First
Environmental
Laboratories, Inc.**1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IEPA Certification #100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	08/24/01
Project ID:	01-094	Date Taken:	08/23/01
Sample Number:	40394	Time Taken:	10:35
Sample Description:	MW-6	Date Reported:	09/06/01
Lab File ID:	40389-98		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 09/03/01

Benzene	13.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 08/30/01

Analysis Date: 09/01/01

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	



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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	08/24/01
Project ID:	01-094	Date Taken:	08/23/01
Sample Number:	40395	Time Taken:	11:07
Sample Description:	MW-7	Date Reported:	09/06/01
Lab File ID:	40389-98		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B
Analysis Date: 09/03/01

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	5.6	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 08/30/01
Analysis Date: 09/01/01

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	0.15	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	0.72	ug/L	
Benzo[k]fluoranthene	0.56	ug/L	
Benzo[a]pyrene	0.4	ug/L	
Indeno[1,2,3-cd]pyrene	0.4	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	0.5	ug/L	

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IEPA Certification #100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	08/24/01
Project ID:	01-094	Date Taken:	08/23/01
Sample Number:	40396	Time Taken:	11:37
Sample Description:	MW-8	Date Reported:	09/06/01
Lab File ID:	40389-98		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 09/03/01

Benzene	166	ug/L	
Toluene	18.5	ug/L	
Ethyl benzene	42.9	ug/L	
Xylenes (total)	35.4	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 08/30/01

Analysis Date: 09/01/01

Naphthalene	18	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	

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IEPA Certification #100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	08/24/01
Project ID:	01-094	Date Taken:	08/23/01
Sample Number:	40397	Time Taken:	8:08
Sample Description:	MW-9	Date Reported:	09/06/01
Lab File ID:	40389-98		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 09/03/01

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 08/30/01

Analysis Date: 09/01/01

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	



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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	08/24/01
Project ID:	01-094	Date Taken:	08/23/01
Sample Number:	40398	Time Taken:	8:32
Sample Description:	MW-10	Date Reported:	09/06/01
Lab File ID:	40389-98		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 09/03/01

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 08/30/01

Analysis Date: 09/01/01

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	



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 24 Hr. Pager (708) 569-7507

COMPANY NAME: Trans Environmental
 ADDRESS: 4222 B, Rockton Rd, Rockton, IL
 PHONE: 815-624-0900 FAX: 815-624-4945
 CONTACT NAME: PATRICK EGAN
 SAMPLED BY: PATRICK EGAN

ANALYSES

Project I.D. 01-094
 Send Report To: PATRICK EGAN

BTEX
PNA

DATE/TIME TAKEN	SAMPLE DESCRIPTION								COMMENTS
8/23 9:28	MW-1	✓	✓						40389
8/23 7:30	MW-2	✓	✓						40390
8/23 10:20	MW-3A	✓	✓						40391
8/23 9:00	MW-4	✓	✓						40392
8/23 9:52	MW-5	✓	✓						40393
8/23 10:35	MW-6	✓	✓						40394
8/23 11:07	MW-7	✓	✓						40395
8/23 11:37	MW-8	✓	✓						40396
8/23 8:08	MW-9	✓	✓						40397
8/23 9:32	MW-10	✓	✓						40398

Condition of Samples

Were the bottles intact? Y/N

Were VOA vials free headspace? Y/N

Cooler Temperature: 4 °C

4 °C

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time _____ Received By: [Signature] Date/Time 8/24/01 1125
 Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____
 Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____



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June 03, 2002

Mr. Pat Egan
TRANS ENVIRONMENTAL, LLC
4722 B Rockton Road
Roscoe, IL 61073

Project ID: TE02-102
First Environmental File ID: 59628-32
Date Received: May 24th, 2002

Dear Mr. Egan:


The above referenced project was analyzed as directed on the enclosed chain of custody form.

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, December 1996. The actual method references are listed on the Analytical Report.

All analyses were performed within established holding times, and all Quality Control criteria as outlined in the methods have been met. All QA/QC documentation, and raw data will remain on file for future reference.

It has been a pleasure providing you with analytical services, and we look forward to working with you again in the future. If you have any questions regarding this report, or need additional information, please contact me at (630) 778-1200.

Sincerely,


Stan Zaworski
Project Manager

**First
Environmental
Laboratories, Inc.**1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IEPA Certification #100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	05/24/02
Project ID:	TE02-102	Date Taken:	05/23/02
Sample Number:	59628	Time Taken:	9:35
Sample Description:	MW-3A	Date Reported:	06/03/02
Lab File ID:	59628-32		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 05/31/02

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 05/30/02

Analysis Date: 06/02/02

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	



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IEPA Certification #100292

Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	05/24/02
Project ID:	TE02-102	Date Taken:	05/23/02
Sample Number:	59629	Time Taken:	9:54
Sample Description:	MW-5	Date Reported:	06/03/02
Lab File ID:	59628-32		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B
 Analysis Date: 05/31/02

Benzene	192	ug/L	
Toluene	12.8	ug/L	
Ethyl benzene	165	ug/L	
Xylenes (total)	214	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C
 Preparation Date 05/30/02
 Analysis Date: 06/02/02

Naphthalene	16	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	

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IEPA Certification #100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	05/24/02
Project ID:	TE02-102	Date Taken:	05/23/02
Sample Number:	59630	Time Taken:	9:16
Sample Description:	MW-6	Date Reported:	06/03/02
Lab File ID:	59628-32		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 05/31/02

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 05/30/02

Analysis Date: 06/02/02

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	

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IEPA Certification #100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	05/24/02
Project ID:	TE02-102	Date Taken:	05/23/02
Sample Number:	59631	Time Taken:	8:49
Sample Description:	MW-7	Date Reported:	06/03/02
Lab File ID:	59628-32		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 06/01/02

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 05/30/02

Analysis Date: 06/02/02

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	

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IEPA Certification #100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	05/24/02
Project ID:	TE02-102	Date Taken:	05/23/02
Sample Number:	59632	Time Taken:	8:05
Sample Description:	MW-8	Date Reported:	06/03/02
Lab File ID:	59628-32		

Analyte	Result	Units	Flags
BTEX Method 5030B/8260B			
Analysis Date:	05/31/02		
Benzene	75.0	ug/L	
Toluene	9.5	ug/L	
Ethyl benzene	47.2	ug/L	
Xylenes (total)	23.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 05/30/02
Analysis Date: 06/02/02

Naphthalene	10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	



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E-mail: info@firstenv.com
IEPA Certification# 100292

Company Name: TRANS ENVIRONMENTAL
Street Address: 4722-B ROCKTON ROAD
City: ROSLOE State: IL Zip: 61073
Phone: 815 624 0900 Fax: 815 624 4945
Send Report To: PATRICK EGAN
Sampled By: PATRICK EGAN

Analyses

Table with columns: Date/Time Taken, Sample Description, Matrix, Matrix Codes (BTEX, PNA), Comments, Lab I.D.
Rows include samples MW-3A, MW-5, MW-6, MW-7, MW-8 with corresponding Lab I.D. numbers (59628-59632).

Cooler Temperature: 5°C
Received within 6 hrs. of collection:

Notes and Special Instructions:

Relinquished By: [Signature] Date/Time: 5/24/02 Received By: [Signature] Date/Time: 5/24/02 0905

GROUNDWATER
ANALYTICAL TABULAR SUMMARY
FOR
BLAKE OIL
KIRKLAND, ILLINOIS

Sample Description	MW-3A	MW-3	MW-6	MW-7	MW-9	TACO
Sample Date	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	Cleanup Objectives
Benzene	0.408	0.0744	<0.005	<0.005	0.106	0.005
Toluene	0.0099	0.0053	<0.005	<0.005	0.016	1
Ethyl Benzene	0.0195	0.0324	<0.005	<0.005	0.0744	0.7
Xylenes (Total)	0.0232	0.190	<0.005	<0.005	0.057	10
Napthalene	<0.010	<0.010	<0.010	<0.010	0.042	0.14
Acenaphthylene	<0.010	<0.010	<0.010	<0.010	<0.010	
Acenaphthene	<0.010	<0.010	<0.010	<0.010	<0.010	0.42
Fluorene	<0.002	<0.002	<0.002	<0.002	<0.002	0.28
Phenanthrene	<0.005	<0.005	<0.005	<0.005	<0.005	
Anthracene	<0.005	<0.005	<0.005	<0.005	<0.005	2.1
Fluoranthene	<0.002	<0.002	<0.002	<0.002	<0.002	0.28
Pyrene	<0.002	<0.002	<0.002	<0.002	<0.002	0.21
Benzo[a]anthracene	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	0.00013
Chrysene	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	0.0015
Benzo[b]fluoranthene	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	0.00018
Benzo[k]fluoranthene	<0.00017	<0.00017	<0.00017	<0.00017	<0.00017	0.00017
Benzo[a]pyrene	<0.002	<0.002	<0.002	<0.002	<0.002	0.0002
Indeno[1,2,3-cd]pyrene	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.00043
Dibenz[a,h]anthracene	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.0003
Benzo[g,h,i] perylene	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	

BOLDabove detection levels in **BOLD****BOLD**above TACO cleanup objectives in **BOLD**
and **HIGHLIGHTED**

NA

not analyzed

All results reported in mg/kg or parts per million (ppm)

*TACO 6-5-97 Final Order, Section 742, Appendix B: Table E; Tier 1
Groundwater Remediation Objectives for the Groundwater (GW)
Component of the GW Ingestion Route, Class I GW.



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IL ELAP / NELAC Certification # 100292

April 17, 2003

Mr. Matt Warneke
TRANS ENVIRONMENTAL, LTD.
4722 B Rockton Road
Roscoe, IL 61073

Project ID: TE03-070
First Environmental File ID: 84376-80
Date Received: April 11th, 2003

Dear Mr. Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody form.

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, December 1996. The actual method references are listed on the Analytical Report.

All analyses were performed within established holding times, and all Quality Control criteria as outlined in the methods and current IL ELAP / NELAP have been met. QA/QC documentation and raw data will remain on file for future reference.

It has been a pleasure providing you with analytical services, and we look forward to working with you again in the future. If you have any questions regarding this report, or need additional information, please contact me at (630) 778-1200.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stan Zaworski'.

Stan Zaworski
Project Manager


**First
Environmental
Laboratories, Inc.**

 1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
 IL ELAP / NELAC Certification # 100292

Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	04/11/03
Project ID:	TE03-070	Date Taken:	04/09/03
Sample Number:	84376	Time Taken:	1:15
Sample Description:	MW-5	Date Reported:	04/17/03
Lab File ID:	84376-80		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 04/16/03

Benzene	74.4	ug/L	
Toluene	5.3	ug/L	
Ethyl benzene	32.4	ug/L	
Xylenes (total)	190	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 04/14/03

Analysis Date: 04/15/03

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	04/11/03
Project ID:	TE03-070	Date Taken:	04/09/03
Sample Number:	84377	Time Taken:	1:40
Sample Description:	MW-8	Date Reported:	04/17/03
Lab File ID:	84376-80		

Analyte	Result	Units	Flags
BTEX Method 5030B/8260B			
Analysis Date:	04/16/03		
Benzene	106	ug/L	
Toluene	16.4	ug/L	
Ethyl benzene	74.4	ug/L	
Xylenes (total)	57.0	ug/L	
Polynuclear Aromatic Compounds Method 3510C/8270C			
Preparation Date	04/14/03		
Analysis Date:	04/15/03		
Naphthalene	42	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	04/11/03
Project ID:	TE03-070	Date Taken:	04/09/03
Sample Number:	84378	Time Taken:	2:20
Sample Description:	MW-6	Date Reported:	04/17/03
Lab File ID:	84376-80		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 04/16/03

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 04/14/03

Analysis Date: 04/15/03

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	04/11/03
Project ID:	TE03-070	Date Taken:	04/09/03
Sample Number:	84379	Time Taken:	2:50
Sample Description:	MW-3A	Date Reported:	04/17/03
Lab File ID:	84376-80		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 04/16/03

Benzene	408	ug/L	
Toluene	9.9	ug/L	
Ethyl benzene	19.5	ug/L	
Xylenes (total)	23.2	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 04/14/03

Analysis Date: 04/15/03

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	04/11/03
Project ID:	TE03-070	Date Taken:	04/09/03
Sample Number:	84380	Time Taken:	3:00
Sample Description:	MW-7	Date Reported:	04/17/03
Lab File ID:	84376-80		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 04/16/03

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 04/14/03

Analysis Date: 04/15/03

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	



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 IEPA Certification# 100292

Company Name: Trans Environmental
 Street Address: 4722 B Rockton Rd.
 City: Mascout State: IL Zip: 61073
 Phone: 815 624-9900 Fax: 624-4945
 Send Report To: Matt Warnke
 Sampled By: " "

Analyses

Project I.D.: <u>TE03-070</u>		P.O. #:		Matrix Codes: S = Soil <u>W = Water</u> O = Other		Date/Time Taken		Sample Description		Matrix		BTEX		VOCs		Pesticides		Other		Comments		Lab I.D.	
4-9-03	1:15	MW-5	W	✓	✓																		84376
	1:40	MW-8	W	✓	✓																		77
	2:20	MW-6	W	✓	✓																		78
	2:50	MW-3A	W	✓	✓																		79
	3:00	MW-7	W	✓	✓																		80

Cooler Temperature: 4°C
 Received within 6 hrs. of collection: yes

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time: 4-10-03 1230
 Received By: [Signature] Date/Time: 4-10-03 1230

ANALYTICAL TABULAR SUMMARY
Kirkland Quick Stop - LUST Site
Groundwater Results from 12-1-03 Sampling Event

Sample Description	MW-3A	MW-5	MW-6	MW-7	MW-8	TACO
Sample Date	12/1/2003	12/1/2003	12/1/2003	12/1/2003	12/1/2003	Cleanup Objectives
Benzene	0.586	0.0299	0.0124	0.0145	0.236	0.005
Toluene	0.0224	<0.005	0.021	0.0101	0.073	1
Ethyl Benzene	<0.005	0.0272	0.0058	0.0054	3.170	0.7
Xylenes (Total)	0.0416	0.0808	0.0251	0.0225	8.530	10
Acenaphthene	<0.010	<0.010	<0.010	<0.010	0.642	0.42
Acenaphthylene	<0.010	<0.010	<0.010	<0.010	<0.030	
Anthracene	<0.005	<0.005	<0.005	<0.005	0.102	2.1
Benzo(a)anthracene	<0.00013	<0.00013	0.004	<0.00013	<0.030	0.00013
Benzo(a)pyrene	<0.0002	<0.0002	0.006	<0.0002	<0.030	0.0002
Benzo(b)fluoranthene	<0.00018	<0.00018	0.006	0.00023	<0.030	0.00018
Benzo(k)fluoranthene	<0.00017	<0.00017	0.006	0.00023	<0.030	0.00017
Benzo(g,h,i)perylene	<0.0004	<0.0004	0.005	<0.0004	<0.030	
Chrysene	<0.0015	<0.0015	0.006	<0.0015	<0.030	0.0015
Dibenzo(a,h)anthracene	<0.0003	<0.0003	0.001	<0.0003	<0.030	0.0003
Fluoranthene	<0.002	<0.002	0.018	<0.002	0.042	0.28
Fluorene	<0.002	<0.002	<0.002	<0.002	1.580	0.28
Indeno(1,2,3 c-d)pyrene	<0.0003	<0.0003	0.0052	<0.0003	<0.030	0.00043
Naphthalene	<0.010	0.012	<0.010	<0.010	31.500	0.025
Phenanthrene	<0.005	<0.005	0.020	<0.005	1.440	
Pyrene	<0.002	<0.002	0.013	<0.002	0.150	0.21

All results reported in mg/L or parts per million (ppm)

*TACO 6-5-97 Final Order, Section 742, Appendix B: Table E; Tier 1 Groundwater Remediation Objectives for the Groundwater (GW) Component of the GW Ingestion Route, Class I GW.

Bold

Exceedence of IEPA TACO Tier 1 GROs.

Trans Environmental, Ltd.



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December 10, 2003

Mr. Matt Warneke
TRANS ENVIRONMENTAL, LTD.
4722 B Rockton Road
Roscoe, IL 61073

Project ID: TE03-201
First Environmental File ID: 14090-94
Date Received: December 3rd, 2003

Dear Mr. Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody form.

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, December 1996 and its updates. The actual method references are listed on the Analytical Report.

All analyses were performed within established holding times, and all Quality Control criteria as outlined in the methods and current IL ELAP / NELAP have been met. QA/QC documentation and raw data will remain on file for future reference.

It has been a pleasure providing you with analytical services, and we look forward to working with you again in the future. If you have any questions regarding this report, or need additional information, please contact me at (630) 778-1200.

Sincerely,

Stan Zaworski
Project Manager

**First
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IL ELAP / NELAC Certification # 100292**Analytical Report**

Client:	TRANS ENVIRONMENTAL	Date Received:	12/03/03
Project ID:	TE03-201	Date Taken:	12/01/03
Sample Number:	14090	Time Taken:	12:55
Sample Description:	MW-3A	Date Reported:	12/10/03
Lab File ID:	14090-94		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 12/05-08/03

Benzene	586	ug/L	
Toluene	22.4	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	41.6	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 12/04/03

Analysis Date: 12/05/03

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	12/03/03
Project ID:	TE03-201	Date Taken:	12/01/03
Sample Number:	14091	Time Taken:	1:20
Sample Description:	MW-5	Date Reported:	12/10/03
Lab File ID:	14090-94		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 12/06/03

Benzene	29.9	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	27.2	ug/L	
Xylenes (total)	80.8	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 12/04/03

Analysis Date: 12/05/03

Naphthalene	12	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	12/03/03
Project ID:	TE03-201	Date Taken:	12/01/03
Sample Number:	14092	Time Taken:	12:35
Sample Description:	MW-6	Date Reported:	12/10/03
Lab File ID:	14090-94		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 12/06/03

Benzene	12.4	ug/L	
Toluene	21.0	ug/L	
Ethyl benzene	5.8	ug/L	
Xylenes (total)	25.1	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 12/04/03

Analysis Date: 12/05/03

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	20	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	18	ug/L	
Pyrene	13	ug/L	
Benzo[a]anthracene	4.2	ug/L	
Chrysene	6.0	ug/L	
Benzo[b]fluoranthene	6.0	ug/L	
Benzo[k]fluoranthene	5.5	ug/L	
Benzo[a]pyrene	6.4	ug/L	
Indeno[1,2,3-cd]pyrene	5.2	ug/L	
Dibenz[a,h]anthracene	1.0	ug/L	
Benzo[g,h,i]perylene	4.9	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	12/03/03
Project ID:	TE03-201	Date Taken:	12/01/03
Sample Number:	14093	Time Taken:	2:30
Sample Description:	MW-7	Date Reported:	12/10/03
Lab File ID:	14090-94		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 12/06/03

Benzene	14.5	ug/L	
Toluene	10.1	ug/L	
Ethyl benzene	5.4	ug/L	
Xylenes (total)	22.5	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 12/04/03

Analysis Date: 12/05/03

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	0.23	ug/L	
Benzo[k]fluoranthene	0.23	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	



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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	12/03/03
Project ID:	TE03-201	Date Taken:	12/01/03
Sample Number:	14094	Time Taken:	3:25
Sample Description:	MW-8	Date Reported:	12/10/03
Lab File ID:	14090-94		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 12/06/03

Benzene	236	ug/L	
Toluene	73.0	ug/L	
Ethyl benzene	3,170	ug/L	
Xylenes (total)	8,530	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 12/04/03

Analysis Date: 12/05/03

Naphthalene	31,500	ug/L	
Acenaphthylene	< 30	ug/L	
Acenaphthene	642	ug/L	
Fluorene	1,580	ug/L	
Phenanthrene	1,440	ug/L	
Anthracene	102	ug/L	
Fluoranthene	42	ug/L	
Pyrene	150	ug/L	
Benzo[a]anthracene	< 30	ug/L	
Chrysene	< 30	ug/L	
Benzo[b]fluoranthene	< 30	ug/L	
Benzo[k]fluoranthene	< 30	ug/L	
Benzo[a]pyrene	< 30	ug/L	
Indeno[1,2,3-cd]pyrene	< 30	ug/L	
Dibenz[a,h]anthracene	< 30	ug/L	
Benzo[g,h,i]perylene	< 30	ug/L	



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Company Name: Trans Environmental
Street Address: 4722 B Rockstar RD
City: Roscoe State: IL Zip: 61073
Phone: 815 624-0900 Fax: 624-4945
Send Report To: Matt Wainke
Sampled By: " "

Analyses

Project I.D.: FE03-201
P.O. #: 11

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix								Comments	Lab I.D.
12-1-03 / 11:00	MW-3A	W	✓	✓							14090
↓ 1:20	MW-5	↓	✓	✓							091
↓ 12:35	MW-6	↓	✓	✓							092
↓ 2:30	MW-7	↓	✓	✓							093
↓ 3:25	MW-P	↓	✓	✓							094

Cooler Temperature: 4 REF °C
Received within 6 hrs. of collection: _____

Notes and Special Instructions: _____

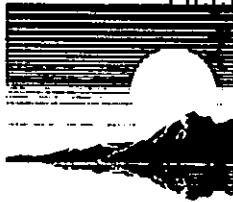
Relinquished By: [Signature] Date/Time 12-3-03 11:00 Received By: [Signature] Date/Time 12/3/03 11:00
Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____

ANALYTICAL TABULAR SUMMARY
Blake Oil Kirkland
Groundwater Results

Benzene	0.172	0.065	<0.005	<0.005	0.127	0.005
Toluene	0.0120	<0.005	<0.005	<0.005	.0198	1
Ethyl Benzene	<0.005	0.0284	<0.005	<0.005	0.538	0.7
Xylenes (Total)	0.0236	0.148	<0.005	<0.005	1.410	10
Acenaphthene	<0.010	<0.010	<0.010	<0.010	<0.010	0.42
Acenaphthylene	<0.010	<0.010	<0.010	<0.010	<0.010	
Anthracene	<0.005	<0.005	<0.005	<0.005	<0.005	2.1
Benzo(a)anthracene	<0.00013	<0.00013	0.00168	<0.00013	<0.00013	0.00013
Benzo(a)pyrene	<0.0002	<0.0002	0.0016	<0.0002	<0.0002	0.0002
Benzo(b)fluoranthene	<0.00018	<0.00018	0.00170	<0.00018	<0.00018	0.00018
Benzo(k)fluoranthene	<0.00017	<0.00017	0.00189	<0.00017	<0.00017	0.00017
Benzo(g,h,i)perylene	<0.0004	<0.0004	0.0014	<0.0004	<0.0004	
Chrysene	<0.0015	<0.0015	0.0026	<0.0015	<0.0015	0.0015
Dibenzo(a,h)anthracene	<0.0003	<0.0003	0.0005	<0.0003	<0.0003	0.0003
Fluoranthene	<0.002	<0.002	0.011	<0.002	<0.002	0.28
Fluorene	<0.002	<0.002	<0.002	<0.002	0.006	0.28
Indeno(1,2,3-c-d)pyrene	<0.0003	<0.0003	0.0018	<0.0003	<0.0003	0.00043
Naphthalene	<0.010	<0.010	<0.010	<0.010	0.420	0.025
Phenanthrene	<0.005	<0.005	<0.005	<0.005	<0.005	
Pyrene	<0.002	<0.002	0.007	<0.002	<0.002	0.21

All results reported in mg/L or parts per million (ppm)

*TACO 6-3-97 Final Order, Section 742, Appendix B: Table E; Tier 1 Groundwater Remediation Objectives for the Groundwater (GW) Component of the GW Ingestion Route, Class 1 GW.



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IL ELAP / NELAC Certification # 100292

May 7, 2004

Mr. Matt Warneke
TRANS ENVIRONMENTAL, LTD.
4722 B Rockton Road
Roscoe, IL 61073

Project ID: TE04-056
First Environmental File ID: 25080-84
Date Received: April 30th, 2004

Dear Mr. Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody form.

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, December 1996 and its updates. The actual method references are listed on the Analytical Report.

All analyses were performed within established holding times, and all Quality Control criteria as outlined in the methods and current IL ELAP / NELAP have been met. QA/QC documentation and raw data will remain on file for future reference.

It has been a pleasure providing you with analytical services, and we look forward to working with you again in the future. If you have any questions regarding this report, or need additional information, please contact me at (630) 778-1200.

Sincerely,

Stan Zaworski
Project Manager


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	04/30/04
Project ID:	TE04-056	Date Taken:	04/27/04
Sample Number:	25080	Time Taken:	12:01
Sample Description:	MW-6	Date Reported:	05/07/04
Lab File ID:	25080-84		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 05/05/04

Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 05/03/04

Analysis Date: 05/04/04

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	11	ug/L	
Pyrene	7	ug/L	
Benzo[a]anthracene	1.68	ug/L	
Chrysene	2.6	ug/L	
Benzo[b]fluoranthene	1.70	ug/L	
Benzo[k]fluoranthene	1.99	ug/L	
Benzo[a]pyrene	1.6	ug/L	
Indeno[1,2,3-cd]pyrene	1.6	ug/L	
Dibenz[a,h]anthracene	0.5	ug/L	
Benzo[g,h,i]perylene	1.4	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	04/30/04
Project ID:	TE04-056	Date Taken:	04/27/04
Sample Number:	25081	Time Taken:	12:30
Sample Description:	MW-3	Date Reported:	05/07/04
Lab File ID:	25080-84		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 05/05/04

Benzene	172	ug/L	
Toluene	12.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	23.6	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 05/03/04

Analysis Date: 05/04/04

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	04/30/04
Project ID:	TE04-056	Date Taken:	04/27/04
Sample Number:	25082	Time Taken:	1:15
Sample Description:	MW-5	Date Reported:	05/07/04
Lab File ID:	25080-84		

Analyte	Result	Units	Flags
---------	--------	-------	-------

BTEX Method 5030B/8260B

Analysis Date: 05/04/04

Benzene	65.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	28.4	ug/L	
Xylenes (total)	148	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 05/03/04

Analysis Date: 05/04/04

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	04/30/04
Project ID:	TE04-056	Date Taken:	04/27/04
Sample Number:	25083	Time Taken:	2:45
Sample Description:	MW-7	Date Reported:	05/07/04
Lab File ID:	25080-84		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 05/06/04

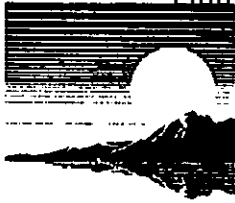
Benzene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 05/03/04

Analysis Date: 05/04/04

Naphthalene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	< 2	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	


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Analytical Report

Client:	TRANS ENVIRONMENTAL	Date Received:	04/30/04
Project ID:	TE04-056	Date Taken:	04/27/04
Sample Number:	25084	Time Taken:	3:45
Sample Description:	MW-8	Date Reported:	05/07/04
Lab File ID:	25080-84		

Analyte	Result	Units	Flags
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BTEX Method 5030B/8260B

Analysis Date: 05/06/04

Benzene	127	ug/L	
Toluene	19.8	ug/L	
Ethyl benzene	538	ug/L	
Xylenes (total)	1,410	ug/L	

Polynuclear Aromatic Compounds Method 3510C/8270C

Preparation Date 05/03/04

Analysis Date: 05/04/04

Naphthalene	420	ug/L	
Acenaphthylene	< 10	ug/L	
Acenaphthene	< 10	ug/L	
Fluorene	6	ug/L	
Phenanthrene	< 5	ug/L	
Anthracene	< 5	ug/L	
Fluoranthene	< 2	ug/L	
Pyrene	< 2	ug/L	
Benzo[a]anthracene	< 0.13	ug/L	
Chrysene	< 1.5	ug/L	
Benzo[b]fluoranthene	< 0.18	ug/L	
Benzo[k]fluoranthene	< 0.17	ug/L	
Benzo[a]pyrene	< 0.2	ug/L	
Indeno[1,2,3-cd]pyrene	< 0.3	ug/L	
Dibenz[a,h]anthracene	< 0.3	ug/L	
Benzo[g,h,i]perylene	< 0.4	ug/L	



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IEPA Certification# 100292

Company Name: Trans Environmental
Street Address: 4722 S Rockett Rd
City: Roscoe State: IL Zip: 61473
Phone: 615/624-0900 624-4945
Send Report To: Matt Durake
Sampled By: Steve Saunders

Analyses

Project I.D.: TEOY-056
P.O. #: 11 11

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix	BTEX PAA		Comments	Lab I.D.
4-27-07 12:01	MW-6	W	✓	✓		28080
↓ 12:30	MW-3	↓	✓	✓		81
↓ 1:15	MW-5	↓	✓	✓		82
↓ 2:45	MW-7	↓	✓	✓		83
↓ 3:45	MW-8	↓	✓	✓		84

Cooler Temperature: 4.2°C
Received within 6 hrs. of collection:

Notes and Special Instructions:

Relinquished By: [Signature] Date/Time 4-30-07 11:30 Received By: [Signature] Date/Time 4-30-07 11:30
Relinquished By: Date/Time Received By: Date/Time

ANALYTICAL TABULAR SUMMARY

Blake Oil - Forreton

June 2005 Data

Sample Description Sample Date	GW-3 MAY 2005	GW-7 MAY 2005	GW-5 MAY 2005	GW-6 MAY 2005	GW-8 MAY 2005	GW-9 MAY 2005
Benzene	<0.005	0.0042	<0.005		0.004	0.005
Toluene	<0.005	<0.005	<0.005	0.0059	1.08	1
Ethylbenzene	<0.005	<0.005	<0.005	0.128	0.618	0.7
Xylenes (Total)	<0.005	0.0069	<0.005	0.148	0.912	10
Acenaphthene	<0.010	<0.010	<0.010	<0.010	<0.010	0.42
Acenaphthylene	<0.010	<0.010	<0.010	<0.010	<0.010	
Anthracene	<0.005	<0.005	<0.005	<0.005	<0.005	2.1
Benzo(a)anthracene		<0.00013	<0.00013	<0.00013	<0.00013	0.00013
Benzo(a)pyrene		<0.0002	<0.0002	<0.0002	<0.0002	0.0002
Benzo(b)fluoranthene		<0.00018	<0.00018	<0.00018	<0.00018	0.00018
Benzo(k)fluoranthene		<0.00017	<0.00017	<0.00017	<0.00017	0.00017
Benzo(g,h,i)perylene	0.0024	<0.0004	<0.0004	<0.0004	<0.0004	
Chrysene		<0.0015	<0.0015	<0.0015	<0.0015	0.0015
Dibenzo(a,h)anthracene		<0.0003	<0.0003	<0.0003	<0.0003	0.0003
Fluoranthene	0.0030	<0.002	<0.002	<0.002	<0.002	0.28
Fluorene	<0.002	<0.002	<0.002	<0.002	0.002	0.28
Indeno(1,2,3 c-d)pyrene		<0.0003	<0.0003	<0.0003	<0.0003	0.00043
Naphthalene	<0.010	<0.010	<0.010	0.0180	0.1800	0.14
Phenanthrene	<0.005	<0.005	<0.005	<0.005	<0.005	
Pyrene	0.002	<0.002	<0.002	<0.002	<0.002	0.21

All results reported in mg/L or parts per million (ppm)

*TACO 6-5-97 Final Order, Section 742, Appendix B: Table E; Tier 1 Groundwater Remediation Objectives for the Groundwater (GW) Component of the GW Ingestion Route, Class 1 GW.

 = Exceedance of TACO Tier 1 Groundwater Remediation Objectives



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June 17, 2005

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
4722 B Rockton Road,
Roscoe, IL 61073

Post-it® Fax Note	7671	Date	# of pages ▶ 7
To	MATT	From	STW
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	

CONFIDENTIAL

Project ID: TE05-077
First Environmental File ID: 5-1388
Date Received: June 10, 2005

Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All analyses were performed in accordance with established methods and within established holding times. All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our certificate is number 001201: 02/17/05 through 02/28/06.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Stan Zaworski
Project Manager



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE05-077
Sample ID: MW 6
Sample No: 5-1388-001

Date Collected: 06/08/05
Time Collected: 8:50
Date Received: 06/10/05
Date Reported: 06/17/05

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds				
Analysis Date: 06/15/05		Method: 5030B/8260B		
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons				
Analysis Date: 06/14/05		Method: 8270C		
		Preparation Method 3510C		
		Preparation Date: 06/13/05		
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	0.90	0.13	ug/L	
Benzo(a)pyrene	1.5	0.2	ug/L	
Benzo(b)fluoranthene	3.20	0.18	ug/L	
Benzo(k)fluoranthene	1.66	0.17	ug/L	
Benzo(ghi)perylene	2.4	0.4	ug/L	
Chrysene	2.3	1.5	ug/L	
Dibenzo(a,h)anthracene	0.8	0.3	ug/L	
Fluoranthene	3	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	2.4	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	2	2	ug/L	



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE05-077
Sample ID: MW 3
Sample No: 5-1388-002

Date Collected: 06/08/05
Time Collected: 9:20
Date Received: 06/10/05
Date Reported: 06/17/05

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 06/15/05				
Benzene	24.2	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	6.9	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 06/14/05				
Preparation Date: 06/13/05				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE05-077
Sample ID: MW 7
Sample No: 5-1388-003

Date Collected: 06/08/05
Time Collected: 10:10
Date Received: 06/10/05
Date Reported: 06/17/05

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 06/15/05				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons:		Method: 8270C		Preparation Method 3510C
Analysis Date: 06/14/05				
Preparation Date: 06/13/05				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE05-077
Sample ID: MW 5
Sample No: 5-1388-004

Date Collected: 06/08/05
Time Collected: 10:40
Date Received: 06/10/05
Date Reported: 06/17/05

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 06/16/05				
Benzene	53.4	5.0	ug/L	
Ethylbenzene	129	5.0	ug/L	
Toluene	5.9	5.0	ug/L	
Xylene, Total	148	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 06/14/05				
Preparation Date: 06/13/05				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	18	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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Analytical Report

Client:	TRANS-ENVIRONMENTAL LTD.	Date Collected:	06/08/05
Project ID:	TE05-077	Time Collected:	11:30
Sample ID:	MW 8	Date Received:	06/10/05
Sample No:	5-1388-005	Date Reported:	06/17/05

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 06/16/05				
Benzene	59.0	5.0	ug/L	
Ethylbenzene	619	5.0	ug/L	
Toluene	1,090	5.0	ug/L	
Xylene, Total	912	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons:		Method: 8270C		Preparation Method 3510C
Analysis Date: 06/14/05				
Preparation Date: 06/13/05				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	356	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

CHAIN OF CUSTODY RECORD



First Environmental Laboratories
 1600 Shore Road, Suite D
 Naperville, Illinois 60563
 Phone: (630) 778-1200 • Fax: (630) 778-1233
 24 Hr. Pager (708) 569-7507
 E-mail: info@firstenv.com
 IEPA Certification# 180292

Company Name: TRANS ENVIRONMENTAL LTD
 Street Address: 5184 STARWOOD DRIVE
 City: LOVES PARK State: IL Zip: 60111
 Phone: 708-685-4870
 Send Report To: MATT MACNATKE
 Sampled By: Steve Campbell

Analyses

Project ID: TEOS-077
 P.O. #: CC

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix	Biotek	PLAS	Comments	Lab ID.
6-8-05 8:50	MW 6	W	✓	✓		5-1288-001
" 9:20	MW 3	↓	✓	✓		002
" 10:10	MW 7	↓	✓	✓		003
" 10:40	MW 5	↓	✓	✓		004
" 11:30	MW 8	↓	✓	✓		005

Cooler Temperature: 4°C Refrig
 Received within 6 hrs. of collection: _____

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time: 6/10/05 13:00 Received By: [Signature] Date/Time: 6-10-05 13:00
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

ANALYTICAL TABULAR SUMMARY

Kirkland Quick Stop - LUST # 891717

April 2006 Groundwater Data

Benzene	<0.005			<0.005		0.005
Toluene	<0.005	0.0238	<0.005	<0.005	0.012	1
Ethylbenzene	<0.005	<0.005	0.0154	<0.005	0.569	0.7
Xylenes (Total)	<0.005	<0.005	0.0203	<0.005	1.070	10
Acenaphthene	<0.010	<0.010	<0.010	<0.010	<0.010	0.42
Acenaphthylene	<0.010	<0.010	<0.010	<0.010	<0.010	
Anthracene	<0.005	<0.005	<0.005	<0.005	<0.005	2.1
Benzo(a)anthracene	<0.00013		<0.00013	<0.00013	<0.00013	0.00013
Benzo(a)pyrene	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002
Benzo(b)fluoranthene	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	0.00018
Benzo(k)fluoranthene	<0.00017	<0.00017	<0.00017	<0.00017	<0.00017	0.00017
Benzo(g,h,i)perylene	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	
Chrysene	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	0.0015
Dibenzo(a,h)anthracene	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.0003
Fluoranthene	<0.002	<0.002	<0.002	<0.002	<0.002	0.28
Fluorene	<0.002	<0.002	0.0030	<0.002	<0.002	0.28
Indeno(1,2,3 c-d)pyrene	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	0.00043
Naphthalene	<0.010	<0.010		<0.010	<0.010	0.14
Phenanthrene	<0.005	<0.005	<0.005	<0.005	<0.005	
Pyrene	<0.002	<0.002	<0.002	<0.002	<0.002	0.21

All results reported in mg/L or parts per million (ppm)

*TACO 35 IAC Final Order, Section 742, Appendix B: Table E; Tier 1 Groundwater Remediation Objectives for the Groundwater (GW) Component of the GW Ingestion Route, Class I GW.

 =Exceedance of TACO Tier 1 Groundwater Remediation Objectives



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April 14, 2006

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
8184 Starwood Drive
Loves Park, IL 61111

Project ID: TE06-057
First Environmental File ID: 6-1486
Date Received: April 10, 2006


Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All analyses were performed in accordance with established methods and within established holding times. All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our certificate is number 001498: 02/09/06 through 02/28/07.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,



Stan Zaworski
Project Manager



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06-057
Sample ID: MW-6
Sample No: 6-1486-001

Date Collected: 04/07/06
Time Collected: 10:55
Date Received: 04/10/06
Date Reported: 04/14/06

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 04/11/06				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 04/12/06				
Preparation Date: 04/12/06				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	


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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.

Date Collected: 04/07/06

Project ID: TE06-057

Time Collected: 11:20

Sample ID: MW-3

Date Received: 04/10/06

Sample No: 6-1486-002

Date Reported: 04/14/06

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 04/11/06				
Benzene	23.1	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	23.8	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 04/12/06				
Preparation Date: 04/12/06				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	0.15	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	


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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06-057
Sample ID: MW-5
Sample No: 6-1486-003

Date Collected: 04/07/06
Time Collected: 11:40
Date Received: 04/10/06
Date Reported: 04/14/06

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 04/11/06				
Benzene	18.0	5.0	ug/L	
Ethylbenzene	15.4	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	20.3	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 04/12/06				
Preparation Date: 04/12/06				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	3	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	331	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06-057
Sample ID: MW-7
Sample No: 6-1486-004

Date Collected: 04/07/06
Time Collected: 12:10
Date Received: 04/10/06
Date Reported: 04/14/06

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 04/11/06				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 04/12/06				
Preparation Date: 04/12/06				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06-057
Sample ID: MW-8
Sample No: 6-1486-005

Date Collected: 04/07/06
Time Collected: 12:30
Date Received: 04/10/06
Date Reported: 04/14/06

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 04/13/06				
Benzene	18.8	5.0	ug/L	
Ethylbenzene	569	5.0	ug/L	
Toluene	12.0	5.0	ug/L	
Xylene, Total	1,070	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 04/12/06				
Preparation Date: 04/12/06				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



First Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Electronic Filing - Received, Clerk's Office: 06/15/2016

First Environmental Laboratories
 1600 Shore Road, Suite D
 Naperville, Illinois 60563
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 24 Hr. Pager (708) 569-7507
 E-mail: info@firstenv.com
 IEPA Certification# 100292

Company Name: Trans Environmental
 Street Address: 8184 Starwood Drive
 City: Lower Merion State: IL Zip: 61111
 Phone: 815/881-4840 Fax: 815-4841
 Send Report To: Matt Wagnere
 Sampled By: Steve Jamborek

Analyses

Project I.D.: <u>TE06 - 057</u>		P.O. #: <u>11</u>		BTEX PNA					
Matrix Codes: S = Soil W = Water O = Other									
Date/Time Taken	Sample Description	Matrix						Comments	Lab I.D.
4-7-06 10:55	MW-6	W	/	/					6-1486-001
11:20	MW-3		/	/					002
11:40	MW-5		/	/					003
12:10	MW-7		/	/					004
12:30	MW-8		/	/					005

FOR LAB USE ONLY:
 Cooler Temperature: 0.1-6°C Yes ___ No ___ °C
 Received within 6 hrs. of collection: ___
 Ice Present: Yes ___ No ___
 Sample Refrigerated: Yes No ___
 Refrigerator Temperature: ___ °C
 5035 Vials Frozen: Yes ___ No ___
 Freezer Temperature: ___ °C
 Containers Received Preserved: ___
 Preserved in Lab: ___

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time 4/10/06 1:00 Received By: [Signature] Date/Time 4-10-06 1316
 Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____

ANALYTICAL TABULAR SUMMARY
Kirkland Quick Stop - LUST # 891717
July 2006 Groundwater Data

Benzene	< 0.005	0.0204		< 0.005		0.005
Toluene	< 0.005	< 0.005	0.0273	< 0.005	0.452	1
Ethylbenzene	< 0.005	< 0.005	<0.005	< 0.005	0.0088	0.7
Xylenes (Total)	< 0.005	0.0051	0.0444	< 0.005	0.830	10
Acenaphthene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	0.42
Acenaphthylene	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	
Anthracene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	2.1
Benzo(a)anthracene		< 0.00013	< 0.00013	< 0.00013	< 0.00013	0.00013
Benzo(a)pyrene		< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.0002
Benzo(b)fluoranthene		< 0.00018	< 0.00018	< 0.00018	< 0.00018	0.00018
Benzo(k)fluoranthene		< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00017
Benzo(g,h,i)perylene	0.0006	< 0.0004	< 0.0004	< 0.0004	< 0.0004	
Chrysene	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0015
Dibenzo(a,h)anthracene	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	0.0003
Fluoranthene	0.0020	< 0.002	< 0.002	< 0.002	< 0.002	0.28
Fluorene	< 0.002	< 0.002	< 0.002	< 0.002	0.004	0.28
Indeno(1,2,3 c-d)pyrene		<0.0003	<0.0003	<0.0003	< 0.0003	0.00043
Naphthalene	< 0.010	< 0.010	< 0.010	< 0.010		0.14
Phenanthrene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Pyrene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.21

All results reported in mg/L or parts per million (ppm)

*TACO 35 IAC Final Order, Section 742, Appendix B: Table E; Tier 1 Groundwater Remediation Objectives for the Groundwater (GW) Component of the GW Ingestion Route, Class I GW.

=Exceedance of TACO Tier 1 Groundwater Remediation Objectives



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August 03, 2006

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
8184 Starwood Drive
Loves Park, IL 61111

Project ID: TE06-057
First Environmental File ID: 6-3252
Date Received: July 28, 2006

Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All analyses were performed in accordance with established methods and within established holding times. All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our certificate is number 001532: 04/26/06 through 02/28/07.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Stan Zaworski
Project Manager

**First
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IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06-057
Sample ID: MW-6
Sample No: 6-3252-001

Date Collected: 07/25/06
Time Collected: 7:10
Date Received: 07/28/06
Date Reported: 08/03/06

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 08/02/06				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 08/02/06				
Preparation Date: 07/31/06				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	0.40	0.13	ug/L	
Benzo(a)pyrene	0.6	0.2	ug/L	
Benzo(b)fluoranthene	0.75	0.18	ug/L	
Benzo(k)fluoranthene	0.46	0.17	ug/L	
Benzo(ghi)perylene	0.6	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	0.6	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06-057
Sample ID: MW-3a
Sample No: 6-3252-002

Date Collected: 07/25/06
Time Collected: 7:45
Date Received: 07/28/06
Date Reported: 08/03/06

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 08/02/06				
Benzene	20.4	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	5.1	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 08/01/06				
Preparation Date: 07/31/06				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

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IL ELAP / NELAC Accreditation # 100292

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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06-057
Sample ID: MW-5
Sample No: 6-3252-003

Date Collected: 07/25/06
Time Collected: 8:20
Date Received: 07/28/06
Date Reported: 08/03/06

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 08/02/06				
Benzene	29.2	5.0	ug/L	
Ethylbenzene	27.3	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	44.4	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 08/01/06				
Preparation Date: 07/31/06				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06-057
Sample ID: MW-7
Sample No: 6-3252-004

Date Collected: 07/25/06
Time Collected: 9:00
Date Received: 07/28/06
Date Reported: 08/03/06

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 08/02/06				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 08/01/06				
Preparation Date: 07/31/06				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06-057
Sample ID: MW-8
Sample No: 6-3252-005

Date Collected: 07/25/06
Time Collected: 9:45
Date Received: 07/28/06
Date Reported: 08/03/06

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 08/02/06				
Benzene	12.4	5.0	ug/L	
Ethylbenzene	452	5.0	ug/L	
Toluene	8.8	5.0	ug/L	
Xylene, Total	830	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 08/01/06				
Preparation Date: 07/31/06				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	4	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	426	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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24 Hr. Pager (708) 569-7507
E-mail: info@firstenv.com
IEPA Certification# 100292

Company Name: Trans Environmental
Street Address: 8104 Starwood Dr
City: Joyes Park State: IL Zip: 60111
Phone: 815 805-4840 Fax: 815-4841
Send Report To: Matt Worek
Sampled By: Steve

Analyses

Project I.D.: TEU-057
P.O. #: _____

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix	BTEX	PAH	Comments	Lab I.D.
7/2/06 7:10	MW-6	W	✓	✓		6-2252-00
7:45	MW-3a	↓	✓	✓		002
8:20	MW-5	↓	✓	✓		003
9:00	MW-7	↓	✓	✓		004
9:45	MW-8	↓	✓	✓		001

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes ___ No ___ °C
 Sample Refrigerated: Yes No ___
 Received within 6 hrs. of collection: _____
 Refrigerator Temperature: °C
 Ice Present: Yes ___ No ___
 5035 Vials Frozen: Yes ___ No ___
 Freezer Temperature: _____ °C
 Containers Received Preserved: _____
 Preserved in Lab: _____

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time: _____ Received By: [Signature] Date/Time: 7/28/06 (200)
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

TRANS-ENVIRONMENTAL LTD.						Groundwater Remediation Objective Class I
TE06195	MW-6	MW-3A	MW-5	MW-7	MW-8	

BTEX Organic Compounds (5030B/8260B)

Date Analyzed:	Units	Rep. Limit	3/9/2007	3/9/2007	3/9/2007	3/9/2007	3/9/2007	
	mg/L	0.0050	ND				ND	0.005
	mg/L	0.0050	ND	ND			ND	0.7
	mg/L	0.0050	ND	ND	ND		ND	1.0
	mg/L	0.0050	ND	ND			ND	10.0

Polynuclear Aromatic Hydrocarbons (8270C)

Date Analyzed:	Units	Rep. Limit	3/13/2007	3/12/2007	3/12/2007	3/12/2007	3/12/2007	
	mg/L	0.010	ND	ND	ND	ND	ND	0.42
	mg/L	0.010	ND	ND	ND	ND	ND	—
	mg/L	0.005	ND	ND	ND	ND	ND	2.1
	mg/L	0.00013	ND	ND	ND	ND	ND	0.00013
	mg/L	0.0002	ND	ND	ND	ND	ND	0.0002
	mg/L	0.00018		ND	ND	ND	ND	0.00018
	mg/L	0.00017		ND	ND	ND	ND	0.00017
	mg/L	0.0004	ND	ND	ND	ND	ND	—
	mg/L	0.0015	ND	ND	ND	ND	ND	0.0015
	mg/L	0.0003	ND	ND	ND	ND	ND	0.0003
	mg/L	0.002	ND	ND	ND	ND	ND	0.28
	mg/L	0.002	ND	ND	ND	ND	ND	0.28
	mg/L	0.0003	ND	ND	ND	ND	ND	0.00043
	mg/L	0.010	ND	ND	ND	ND	ND	0.14
	mg/L	0.005	ND	ND	ND	ND	ND	—
	mg/L	0.002	ND	ND	ND	ND	ND	0.21



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March 13, 2007

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
8184 Starwood Drive
Loves Park, IL 61111

Project ID: TE06 195
First Environmental File ID: 7-0926
Date Received: March 08, 2007

Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All analyses were performed in accordance with established methods and within established holding times. All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 001695: effective 02/26/07 through 02/28/08.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Stan Zaworski
Project Manager



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Case Narrative

TRANS-ENVIRONMENTAL LTD.

Project ID: **TE06 195**

First Environmental File ID: **7-0926**

Date Received: **March 08, 2007**

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Sample Batch Comments:

Sample acceptance criteria were met.



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06 195
Sample ID: MW-6
Sample No: 7-0926-001

Date Collected: 03/08/07
Time Collected: 8:40
Date Received: 03/08/07
Date Reported: 03/13/07

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/09/07				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 03/13/07				
Preparation Date: 03/12/07				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	0.21	0.18	ug/L	
Benzo(k)fluoranthene	0.20	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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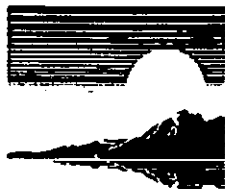
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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06 195
Sample ID: MW-3A
Sample No: 7-0926-002

Date Collected: 03/08/07
Time Collected: 9:10
Date Received: 03/08/07
Date Reported: 03/13/07

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/09/07				
Benzene	10.9	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 03/12/07				
Preparation Date: 03/12/07				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06 195
Sample ID: MW-5
Sample No: 7-0926-003

Date Collected: 03/08/07
Time Collected: 9:40
Date Received: 03/08/07
Date Reported: 03/13/07

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/09/07				
Benzene	39.2	5.0	ug/L	
Ethylbenzene	14.8	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	27.4	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 03/12/07				
Preparation Date: 03/12/07				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06 195
Sample ID: MW-7
Sample No: 7-0926-004

Date Collected: 03/08/07
Time Collected: 10:10
Date Received: 03/08/07
Date Reported: 03/13/07

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/09/07				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 03/12/07				
Preparation Date: 03/12/07				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE06 195
Sample ID: MW-8
Sample No: 7-0926-005

Date Collected: 03/08/07
Time Collected: 10:40
Date Received: 03/08/07
Date Reported: 03/13/07

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/09/07				
Benzene	6.4	5.0	ug/L	
Ethylbenzene	374	5.0	ug/L	
Toluene	10.1	5.0	ug/L	
Xylene, Total	438	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 03/12/07				
Preparation Date: 03/12/07				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	274	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



First Environmental Laboratories
 1600 Shore Road, Suite D
 Naperville, Illinois 60563
 Phone: (630) 778-1200 • Fax: (630) 778-1233
 24 Hr. Pager (708) 569-7507
 E-mail: info@firstenv.com
 IEPA Certification# 100292

Company Name: TRANS ENVIRONMENTAL
 Street Address: 8184 STARWOOD DR
 City: LOVES PARK State: IL Zip: 61111
 Phone: 815 885-4840 Fax: 815-885-4841 e-mail: _____
 Send Report To: MATT WARENEKE Via: Fax e-mail
 Sampled By: STEN

Analyses

Project I.D.: _____
 P.O. #: TR06195

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix	BTEX	PNAS	Comments	Lab I.D.
3-8-07 8:40	MW-6	W	✓	✓		7-0926-001
" 9:10	MW-3A	↓	✓	✓		002
" 9:40	MW-5	↓	✓	✓		003
" 10:10	MW-7	↓	✓	✓		004
" 10:40	MW-8	↓	✓	✓		005
"						

FOR LAB USE ONLY:
 Cooler Temperature: 0.1-6°C Yes ___ No ___ °C
 Received within 6 hrs. of collection: _____
 Ice Present: Yes ___ No ___
 Sample Refrigerated: Yes ___ No ✓
 Refrigerator Temperature: _____ °C
 5035 Vials Frozen: Yes ___ No ✓
 Freezer Temperature: _____ °C
 Containers Received Preserved: Yes No

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time 03-08-07 11:30 Received By: [Signature] Date/Time 3-8-07 1130
 Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____

Analytical Tabular Summary

Blake Oil

401 W Main Street

Kirkland, Illinois 60146

Groundwater Sampling Lab Results

TRANS-ENVIRONMENTAL LTD.									
Not Provided			MW-6	MW-3A	MW-5	MW-7	MW-8	Groundwater Remediation Objective Class	
Date of Sample Collection:			3/17/2008	3/17/2008	3/17/2008	3/17/2008	3/17/2008	I	
Time of Sample Collection:			9:00 AM	9:45 AM	10:30 AM	11:10 AM	12:00 PM		
Environmental Lab. Numbers:			8-1098-001	8-1098-002	8-1098-003	8-1098-004	8-1098-005		
Contaminants of Concern:									
BTEX Organic Compounds (5030B/8260B)									
Date Analyzed:	Units	Rep. Limit	3/21/2008	3/21/2008	3/21/2008	3/21/2008	3/25/2008		
Benzene	mg/L	0.0050	ND	ND		ND	ND		
Ethylbenzene	mg/L	0.0050	ND	ND	0.0639	ND	0.197	0.7	
Toluene	mg/L	0.0050	ND	ND	ND	ND	ND	1.0	
Xylene, Total	mg/L	0.0050	ND	ND	0.0179	ND	0.112	10.0	
Polynuclear Aromatic Hydrocarbons (8270C)									
Date Analyzed:	Units	Rep. Limit	3/24/2008	3/24/2008	3/24/2008	3/24/2008	3/24/2008		
Acenaphthene	mg/L	0.010	ND	ND	ND	ND	ND	0.42	
Acenaphthylene	mg/L	0.010	ND	ND	ND	ND	ND	---	
Anthracene	mg/L	0.005	ND	ND	ND	ND	ND	2.1	
Benzo(a)anthracene	mg/L	0.00013				ND	ND		
Benzo(a)pyrene	mg/L	0.0002		ND		ND	ND		
Benzo(b)fluoranthene	mg/L	0.00018		ND		ND	ND		
Benzo(k)fluoranthene	mg/L	0.00017				ND	ND		
Benzo(ghi)perylene	mg/L	0.0004	0.0097	ND	ND	ND	ND	---	
Chrysene	mg/L	0.0015		ND	ND	ND	ND		
Dibenzo(a,h)anthracene	mg/L	0.0003		ND	ND	ND	ND		
Fluoranthene	mg/L	0.002	0.033	ND	ND	ND	ND	0.28	
Fluorene	mg/L	0.002	ND	ND	ND	ND	ND	0.28	
Indeno(1,2,3-cd)pyrene	mg/L	0.0003		ND	ND	ND	ND		
Naphthalene	mg/L	0.010	ND	ND	ND	ND	0.091	0.14	
Phenanthrene	mg/L	0.005	0.008	ND	ND	ND	ND	---	
Pyrene	mg/L	0.002	0.022	ND	ND	ND	ND	0.21	



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March 27, 2008

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
8184 Starwood Drive
Loves Park, IL 61111

Project ID: Not Provided
First Environmental File ID: 8-1098
Date Received: March 20, 2008

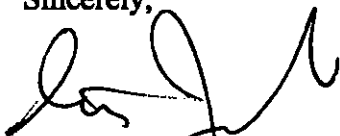
Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 001964: effective 02/19/08 through 02/28/09.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,



Stan Zaworski
Project Manager



**First
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Case Narrative

TRANS-ENVIRONMENTAL LTD.

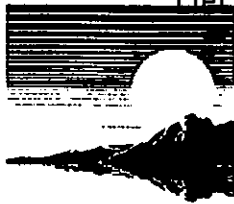
Project ID: **Not Provided**First Environmental File ID: **8-1098**Date Received: **March 20, 2008**

<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Sample Batch Comments:

Sample acceptance criteria were met.


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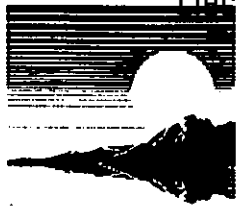
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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
 Project ID: Not Provided
 Sample ID: MW-6
 Sample No: 8-1098-001

Date Collected: 03/17/08
 Time Collected: 9:00
 Date Received: 03/20/08
 Date Reported: 03/27/08

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/21/08				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 03/24/08				
Preparation Date: 03/24/08				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	6.69	0.13	ug/L	
Benzo(a)pyrene	9.8	0.2	ug/L	
Benzo(b)fluoranthene	12.2	0.18	ug/L	
Benzo(k)fluoranthene	8.89	0.17	ug/L	
Benzo(ghi)perylene	9.7	0.4	ug/L	
Chrysene	15.1	1.5	ug/L	
Dibenzo(a,h)anthracene	1.9	0.3	ug/L	
Fluoranthene	33	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	9.8	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	8	5	ug/L	
Pyrene	22	2	ug/L	



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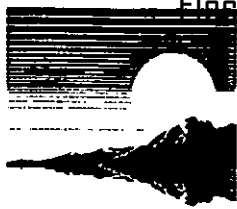
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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: Not Provided
Sample ID: MW-3A
Sample No: 8-1098-002

Date Collected: 03/17/08
Time Collected: 9:45
Date Received: 03/20/08
Date Reported: 03/27/08

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/21/08				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 03/24/08				
Preparation Date: 03/24/08				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	0.22	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	0.21	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	


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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: Not Provided
Sample ID: MW-5
Sample No: 8-1098-003

Date Collected: 03/17/08
Time Collected: 10:30
Date Received: 03/20/08
Date Reported: 03/27/08

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/21/08				
Benzene	18.4	5.0	ug/L	
Ethylbenzene	63.9	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	17.9	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 03/24/08				
Preparation Date: 03/24/08				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	0.32	0.13	ug/L	
Benzo(a)pyrene	0.4	0.2	ug/L	
Benzo(b)fluoranthene	0.35	0.18	ug/L	
Benzo(k)fluoranthene	0.21	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: Not Provided
Sample ID: MW-7
Sample No: 8-1098-004

Date Collected: 03/17/08
Time Collected: 11:10
Date Received: 03/20/08
Date Reported: 03/27/08

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/21/08				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 03/24/08				
Preparation Date: 03/24/08				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	

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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: Not Provided
Sample ID: MW-8
Sample No: 8-1098-005

Date Collected: 03/17/08
Time Collected: 12:00
Date Received: 03/20/08
Date Reported: 03/27/08

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/25/08				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	197	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	112	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 03/24/08				
Preparation Date: 03/24/08				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	91	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



First Environmental Laboratories
1600 Shore Road, Suite D
Naperville, Illinois 60563
Phone: (630) 778-1200 • Fax: (630) 778-1233
24 Hr. Pager (708) 569-7507
E-mail: info@firstenv.com
IEPA Certification# 100292

Company Name: TRANS ENVIRONMENTAL
Street Address: 8184 STARWOOD DR
City: LOUIS PARK State: IL Zip: 60111
Phone: 815-885-4840 Fax: _____ e-mail: _____
Send Report To: WHTT LABORATORIES Via: Fax e-mail
Sampled By: STAN SI

Analyses

Project I.D.:													
P.O. #:													
Matrix Codes: S = Soil W = Water O = Other													
Date/Time Taken	Sample Description	Matrix										Comments	Lab I.D.
3-17-08 9:00	MW-6	W	✓	✓									8 1098-011
" 9:45	MW-3A	↓	✓	✓									002
" 10:30	MW-5	↓	✓	✓									003
" 11:10	MW-7	↓	✓	✓									004
" 12:00	MW-8	↓	✓	✓									005

FOR LAB USE ONLY:
Cooler Temperature: 0.1-6°C Yes ___ No ___ °C
Received within 6 hrs. of collection: _____
Ice Present: Yes ___ No ___
Sample Refrigerated: Yes X No ___
Refrigerator Temperature: _____ °C
5035 Vials Frozen: Yes ___ No X
Freezer Temperature: _____ °C
Containers Received Preserved: Yes No

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time 03-15-08 12:45
Relinquished By: _____ Date/Time _____
Received By: [Signature] Date/Time 3/20/08 1020
Received By: _____ Date/Time _____

**Analytical Tabular Summary
Blake Oil Company, Kirkland Quickstop
Groundwater Results**

TRANS-ENVIRONMENTAL LTD.									
Not Provided			MW-6	MW-3A	MW-5	MW-7	MW-8	Groundwater Remediation Objective Class I	
Date of Sample Collection:			3/17/2008	3/17/2008	3/17/2008	3/17/2008	3/17/2008		
Time of Sample Collection:			9:00 AM	9:45 AM	10:30 AM	11:10 AM	12:00 PM		
First Environmental Lab. Numbers:			8-1098-001	8-1098-002	8-1098-003	8-1098-004	8-1098-005		
Contaminants of Concern:									
BTEX Organic Compounds (5030B/8260B)									
Date Analyzed:	Units	Rep. Limit	3/21/2008	3/21/2008	3/21/2008	3/21/2008	3/25/2008		
Benzene	mg/L	0.0050	ND	ND	0.0184	ND	ND	0.005	
Ethylbenzene	mg/L	0.0050	ND	ND	0.0639	ND	0.197	0.7	
Toluene	mg/L	0.0050	ND	ND	ND	ND	ND	1.0	
Xylene, Total	mg/L	0.0050	ND	ND	0.0179	ND	0.112	10.0	
Polynuclear Aromatic Hydrocarbons (8270C)									
Date Analyzed:	Units	Rep. Limit	3/24/2008	3/24/2008	3/24/2008	3/24/2008	3/24/2008		
Acenaphthene	mg/L	0.010	ND	ND	ND	ND	ND	0.42	
Acenaphthylene	mg/L	0.010	ND	ND	ND	ND	ND	---	
Anthracene	mg/L	0.005	ND	ND	ND	ND	ND	2.1	
Benzo(a)anthracene	mg/L	0.00013	0.00669	0.00022	0.00032	ND	ND	0.00013	
Benzo(a)pyrene	mg/L	0.0002	0.0098	ND	0.0003	ND	ND	0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	0.0122	ND	0.00035	ND	ND	0.00018	
Benzo(k)fluoranthene	mg/L	0.00017	0.00889	0.00021	0.00021	ND	ND	0.00017	
Benzo(ghi)perylene	mg/L	0.0004	0.0097	ND	ND	ND	ND	---	
Chrysene	mg/L	0.0015	0.0351	ND	ND	ND	ND	0.0015	
Dibenzo(a,h)anthracene	mg/L	0.0003	0.0019	ND	ND	ND	ND	0.0003	
Fluoranthene	mg/L	0.002	0.033	ND	ND	ND	ND	0.28	
Fluorene	mg/L	0.002	ND	ND	ND	ND	ND	0.28	
Indeno(1,2,3-cd)pyrene	mg/L	0.0003	0.0098	ND	ND	ND	ND	0.0003	
Naphthalene	mg/L	0.010	ND	ND	ND	ND	0.091	0.14	
Phenanthrene	mg/L	0.005	0.008	ND	ND	ND	ND	---	
Pyrene	mg/L	0.002	0.022	ND	ND	ND	ND	0.21	



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February 19, 2009

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
8184 Starwood Drive
Loves Park, IL 61111

Project ID: TE08-181
First Environmental File ID: 9-0507
Date Received: February 13, 2009

Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 002045: effective 05/14/08 through 02/28/09.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200 or stan@firstenv.com.

Sincerely,



Stan Zaworski
Project Manager


**First
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Laboratories, Inc.**

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Case Narrative

TRANS-ENVIRONMENTAL LTD.

Project ID: TE08-181

First Environmental File ID: 9-0507

Date Received: February 13, 2009

<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Sample Batch Comments:

Sample acceptance criteria were met.

Method Comments

Lab Number	Sample ID	Comments:
9-0507-005	MW-8	<i>Polynuclear Aromatic Hydrocarbons</i> Surrogate recovery outside control limits; high bias due to matrix interference.


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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
 Project ID: TE08-181
 Sample ID: MW-6
 Sample No: 9-0507-001

Date Collected: 02/12/09
 Time Collected: 10:06
 Date Received: 02/13/09
 Date Reported: 02/19/09

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 02/16/09				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 02/16/09				
Preparation Date: 02/16/09				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	1.00	0.13	ug/L	
Benzo(a)pyrene	3.2	0.2	ug/L	
Benzo(b)fluoranthene	3.49	0.18	ug/L	
Benzo(k)fluoranthene	3.12	0.17	ug/L	
Benzo(ghi)perylene	3.5	0.4	ug/L	
Chrysene	2.8	1.5	ug/L	
Dibenzo(a,h)anthracene	0.7	0.3	ug/L	
Fluoranthene	6	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	3.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	3	2	ug/L	


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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE08-181
Sample ID: MW-3A
Sample No: 9-0507-002

Date Collected: 02/12/09
Time Collected: 10:30
Date Received: 02/13/09
Date Reported: 02/19/09

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 02/16/09				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 02/16/09				
Preparation Date: 02/16/09				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	0.37	0.13	ug/L	
Benzo(a)pyrene	0.4	0.2	ug/L	
Benzo(b)fluoranthene	0.36	0.18	ug/L	
Benzo(k)fluoranthene	0.46	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	3	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	


**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
 Project ID: TE08-181
 Sample ID: MW-5
 Sample No: 9-0507-003

Date Collected: 02/12/09
 Time Collected: 11:20
 Date Received: 02/13/09
 Date Reported: 02/19/09

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 02/16/09				
Benzene	12.2	5.0	ug/L	
Ethylbenzene	57.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	149	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 02/16/09				
Preparation Date: 02/16/09				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	30	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	


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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
 Project ID: TE08-181
 Sample ID: MW-7
 Sample No: 9-0507-004

Date Collected: 02/12/09
 Time Collected: 12:00
 Date Received: 02/13/09
 Date Reported: 02/19/09

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 02/16/09				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 02/16/09				
Preparation Date: 02/16/09				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



**First
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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE08-181
Sample ID: MW-8
Sample No: 9-0507-005

Date Collected: 02/12/09
Time Collected: 12:40
Date Received: 02/13/09
Date Reported: 02/19/09

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 02/17/09				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	515	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	178	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 02/16/09				
Preparation Date: 02/16/09				
Acenaphthene	29	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	0.32	0.13	ug/L	
Benzo(a)pyrene	0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	0.23	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	32	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	475	10	ug/L	
Phenanthrene	30	5	ug/L	
Pyrene	3	2	ug/L	



First Environmental Laboratories
 1600 Shore Road, Suite D
 Naperville, Illinois 60563
 Phone: (630) 778-1200 • Fax: (630) 778-1233
 24 Hr. Pager (708) 569-7507
 E-mail: info@firstenv.com
 IEPA Certification# 100292

Company Name: TRANS ENVIRONMENTAL
 Street Address: 8184 STARWOOD DR
 City: LOWES PARK State: IL Zip: 60111
 Phone: 815-985-4840 Fax: 815-885-4841 e-mail:
 Send Report To: MATT WARNER Via: Fax e-mail
 Sampled By: STUE STAMMERS

Analyses

Project ID.: TE08-181
 P.O. #: 11 11

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix								Comments	Lab I.D.
2-12-09 10:06	MW-6	W	✓	✓						9-0507	001
" 10:30	MW-3A	✓	✓								002
" 11:20	MW-5	✓	✓								003
" 12:00	MW-7	✓	✓								004
" 12:46	MW-8	✓	✓								005

*B-TX
P-NAS*

FOR LAB USE ONLY:
 Cooler Temperature: 0.1-6°C Yes No °C Sample Refrigerated: Yes No
 Received within 8 hrs. of collection: _____ Refrigerator Temperature: 2 °C Containers Received Preserved: Yes No
 Ice Present: Yes No 5035 Vials Frozen: Yes No
 Freezer Temperature: _____ °C

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time: 2-12-09 2:50 Received By: [Signature] Date/Time: 2/13/09 1:15
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

Attachment D

**Monitoring Well Completion Reports (MW-11
to MW-14)**



Illinois Environmental Protection Agency

LUST Well Completion Report

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

Incident No.: 891717
 Site Name: Kirkland Quick Stop
 Drilling Contractor: Trans Environmental
 Driller: Cabeno Environmental Field Services
 Drilling Method: Hollow Stem Auger-Geoprobe

Well No.: MW-11
 Date Drilled Start: 26-Aug-09
 Date Completed: 26-Aug-09
 Geologist: Matt Warneke
 Drilling Fluids (Type): None

Annular Space Details

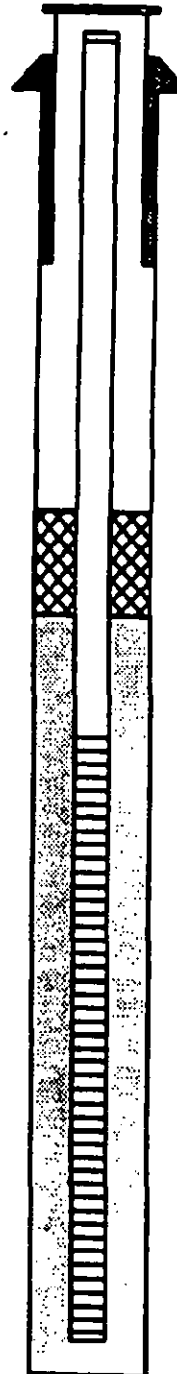
Type of Surface Seal: Concrete
 Type of Annular Sealant: Bentonite Chips
 Type of Bentonite Seal (Granular, Pellet): _____
Bartoid Bentonite (Hole Plug) - Chips
 Type of Sand Pack: Silica Sand - #5

Elevations - .01 ft.

- _____ Top of Protective Casing
- _____ Top of Riser Pipe
- _____ Ground Surface
- _____ Top of Annular sealant
- _____ Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		x	
Riser pipe above w.t.		✓	
Riser Pipe below w.t.		✓	
Screen		✓	
Coupling joint screen to riser		x	
Protective casing			



- _____ Top of Seal
- _____ Total Seal Interval
- _____ Top of Sand
- 4' _____ Top of Screen

Measurements

to .01 ft (where applicable)

Riser Pipe Length	4.00
Screen Length	10.00
Screen Slot Size	
Protective casing length	8"
Depth to water	11.00
Elevation of water	
Free Product thickness	
Gallons removed (develop)	5
Gallons removed (purge)	
Other	

- _____ Total Screen Interval

- 14' _____ Bottom of Screen
- 15' _____ Bottom of Borehole

Completed by: Matt Warneke



Illinois Environmental Protection Agency

LUST Well Completion Report

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

Incident No.: 891717
 Site Name: Kirkland Quick Stop
 Drilling Contractor: Trans Environmental
 Driller: Cabeno Environmental Field Services
 Drilling Method: Hollow Stem Auger-Geoprobe

Well No.: MW-12
 Date Drilled Start: 26-Aug-09
 Date Completed: 26-Aug-09
 Geologist: Matt Wameke
 Drilling Fluids (Type): None

Annular Space Details

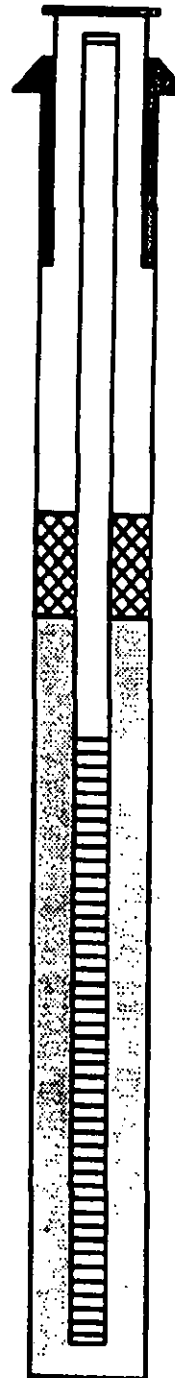
Type of Surface Seal: Concrete
 Type of Annular Sealant: Bentonite Chips
 Type of Bentonite Seal (Granular, Pellet): Bartoid Bentonite (Hole Plug) - Chips
 Type of Sand Pack: Silica Sand - #5

Elevations - .01 ft.

- _____ Top of Protective Casing
- _____ Top of Riser Pipe
- _____ Ground Surface
- _____ Top of Annular sealant
- _____ Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint			
Riser pipe above w.t.		✓	
Riser Pipe below w.t.		✓	
Screen		✓	
Coupling joint screen to riser		X	
Protective casing			



- _____ Top of Seal
- _____ Total Seal Interval
- _____ Top of Sand
- 3.5' _____ Top of Screen
- 10' _____ Total Screen Interval
- 13.5' _____ Bottom of Screen
- 14' _____ Bottom of Borehole

Measurements

to .01 ft (where applicable)

Riser Pipe Length	3.50
Screen Length	10.00
Screen Slot Size	
Protective casing length	8"
Depth to water	11.00
Elevation of water	
Free Product thickness	
Gallons removed (develop)	3
Gallons removed (purge)	
Other	

Completed by: Matt Wameke



Illinois Environmental Protection Agency

LUST Well Completion Report

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

Incident No.: 891717
 Site Name: Kirkland Quick Stop
 Drilling Contractor: Trans Environmental
 Driller: Cabeno Environmental Field Services
 Drilling Method: Hollow Stem Auger-Geoprobe

Well No.: MW-13
 Date Drilled Start: 26-Aug-09
 Date Completed: 26-Aug-09
 Geologist: Matt Warneke
 Drilling Fluids (Type): None

Annular Space Details

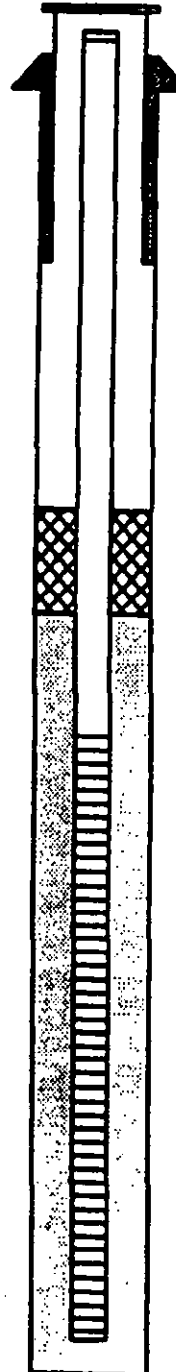
Type of Surface Seal: Concrete
 Type of Annular Sealant: Bentonite Chips
 Type of Bentonite Seal (Granular, Pellet): Bartoid Bentonite (Hole Plug) - Chips
 Type of Sand Pack: Silica Sand - #5

Elevations - .01 ft.

- _____ Top of Protective Casing
- _____ Top of Riser Pipe
- _____ Ground Surface
- _____ Top of Annular sealant
- _____ Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		x	
Riser pipe above w.t.		✓	
Riser Pipe below w.t.		✓	
Screen		✓	
Coupling joint screen to riser		x	
Protective casing			



- _____ Top of Seal
- _____ Total Seal Interval
- _____ Top of Sand

4' _____ Top of Screen

10' _____ Total Screen Interval

14' _____ Bottom of Screen

15' _____ Bottom of Borehole

Measurements

to .01 ft (where applicable)

Riser Pipe Length	4.00
Screen Length	10.00
Screen Slot Size	
Protective casing length	8"
Depth to water	11.00
Elevation of water	
Free Product thickness	
Gallons removed (develop)	5
Gallons removed (purge)	
Other	

Completed by: Matt Warneke



Illinois Environmental Protection Agency

LUST Well Completion Report

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

Incident No.: 891717
 Site Name: Kirkland Quick Stop
 Drilling Contractor: Trans Environmental
 Driller: Cabeno Environmental Field Services
 Drilling Method: Hollow Stem Auger-Geoprobe

Well No.: MW-14
 Date Drilled Start: 26-Aug-09
 Date Completed: 26-Aug-09
 Geologist: Matt Warneke
 Drilling Fluids (Type): None

Annular Space Details

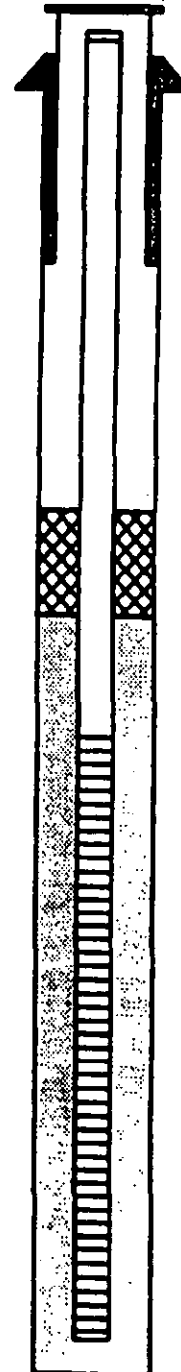
Type of Surface Seal: Concrete
 Type of Annular Sealant: Bentonite Chips
 Type of Bentonite Seal (Granular, Pellet):
Bartoid Bentonite (Hole Plug) - Chips
 Type of Sand Pack: Silica Sand - #5

Elevations - .01 ft.

- _____ Top of Protective Casing
- _____ Top of Riser Pipe
- _____ Ground Surface
- _____ Top of Annular sealant
- _____ Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		X	
Riser pipe above w.t.		✓	
Riser Pipe below w.t.		✓	
Screen		✓	
Coupling joint screen to riser		X	
Protective casing			



- _____ Top of Seal
- _____ Total Seal Interval
- _____ Top of Sand
- 3' _____ Top of Screen

Measurements to .01 ft (where applicable)

Riser Pipe Length	3.00
Screen Length	10.00
Screen Slot Size	
Protective casing length	8"
Depth to water	9.00
Elevation of water	
Free Product thickness	
Gallons removed (develop)	5
Gallons removed (purge)	
Other	

- 10' _____ Total Screen Interval
- 13' _____ Bottom of Screen
- 14' _____ Bottom of Borehole

Completed by: Matt Warneke

Attachment E

**Analytical Tabular Summaries, Reports,
CoCs, Lab Certifications (new GW data)**

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 - 5/17). 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
Laboratory Certification for Chemical Analysis**

A. Site Identification

IEMA Incident # (6- or 8-digit): 891717 IEPA LPC# (10-digit): 0370305005
Site Name: Kirkland Quickstop
Site Address (Not a P.O. Box): 411 W. Main Street
City: Kirkland County: DeKalb ZIP Code: 60146
Leaking UST Technical File

B. Sample Collector

I certify that:

1. Appropriate sampling equipment/methods were utilized to obtain representative samples. (initial)
2. Chain-of-custody procedures were followed in the field. (initial)
3. Sample integrity was maintained by proper preservation. (initial)
4. All samples were properly labeled. (initial)

C. Laboratory Representative

I certify that:

1. Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms sq
(initial)
2. Sample integrity was maintained by proper preservation. sq
(initial)
3. All samples were properly labeled. sq
(initial)
4. Quality assurance/quality control procedures were established and carried out. sq
(initial)

- 5. Sample holding times were not exceeded. sq
(initial)
- 6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. sq
(initial)
- 7. An accredited lab performed quantitative analysis using test methods identified in 35 IAC 186.180 (for samples collected on or after January 1, 2003). sq
(initial)

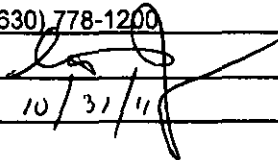
D. Signatures

I hereby affirm that all information contained in this form is true and accurate to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and Imprisonment for knowing violations.

Sample Collector

Name: Matt Warneke
Title: Senior Project Manager
Company: Trans Environmental, Ltd.
Address: 8184 Starwood Drive
City: Loves Park
State: IL
ZIP Code: 61111
Phone: (815) 885-4840
Signature: _____
Date: _____

Laboratory Representative

Name: Stan Zaworski
Title: Project Manager
Company: First Environmental Laboratories
Address: 1200 Shore Road
City: Naperville
State: IL
ZIP Code: 60563
Phone: (630) 778-1200
Signature: 
Date: 10/31/11

Analytical Tabular Summary
Kirkland Quick Stop
411 W. Main Street
Kirkland, Illinois 60146
Laboratory Groundwater Results

TRANS-ENVIRONMENTAL LTD.			MW-11				MW-12				MW-13				MW-14					Class I (Groundwater Remediation Objective)
TE09-113																				
Date of Sample Collection:			8/27/2009	2/16/2010	3/18/2011	9/7/2011	8/27/2009	2/16/2010	3/18/2011	9/7/2011	8/27/2009	2/16/2010	3/18/2011	9/7/2011	8/27/2009	2/16/2010	1/31/2011	3/18/2011	9/7/2011	
Time of Sample Collection:			1:00 PM	12:30 PM	2:30 PM	7:55 AM	12:50 PM	11:30 AM	2:50 PM	8:45 AM	12:35 PM	10:45 AM	3:10 PM	8:20 AM	12:45 PM	10:00 AM	12:30 PM	3:30 PM	9:05 AM	
First Environmental Lab. Numbers:			9-3637-001	10-0560-004	11-1101-001	11-4061-001	9-3637-002	10-0560-003	11-1101-002	11-4061-002	9-3637-003	10-0560-002	11-1101-003	11-4061-004	9-3637-004	10-0560-001	11-0431-001	11-1101-004	11-4061-003	
Contaminants of Concern:																				
BTEX Organic Compounds (5030B/8260B)																				
Date Analyzed:	Units	Rep. Limit	8/31/2009	2/18/2010	3/23/2011	9/20/2011	8/31/2009	2/18/2010	3/23/2011	9/20/2011	8/31/2009	2/18/2010	3/23/2011	9/20/2011	8/31/2009	2/18/2010	2/11/2011	3/23/2011	9/20/2011	
Benzene	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0337	0.122	0.0595	0.0304	ND	0.005
Ethylbenzene	mg/L	0.005	0.0671	0.0681	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
Toluene	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Xylene, Total	mg/L	0.005	0.296	0.286	ND	ND	0.008	ND	ND	ND	0.0086	ND	ND	ND	0.0087	ND	ND	ND	ND	10
Polynuclear Aromatic Hydrocarbons (8270C)																				
Date Analyzed:	Units	Rep. Limit	9/2/2009	2/19/2010			9/2/2009	2/19/2010			9/2/2009	2/19/2010			9/2/2009	2/19/2010				
Acenaphthene	mg/L	0.01	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.42
Acenaphthylene	mg/L	0.01	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	
Anthracene	mg/L	0.005	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	2.1
Benzo(a)anthracene	mg/L	0.00013	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.00013
Benzo(a)pyrene	mg/L	0.0002	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.0002
Benzo(b)fluoranthene	mg/L	0.00018	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.00018
Benzo(k)fluoranthene	mg/L	0.00017	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.00017
Benzo(ghi)perylene	mg/L	0.0004	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	
Chrysene	mg/L	0.0015	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.0015
Dibenzo(a,h)anthracene	mg/L	0.0003	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.0003
Fluoranthene	mg/L	0.002	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.28
Fluorene	mg/L	0.002	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.28
Indeno(1,2,3-cd)pyrene	mg/L	0.0003	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.00043
Naphthalene	mg/L	0.01	0.017	0.031	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.14
Phenanthrene	mg/L	0.005	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	
Pyrene	mg/L	0.002	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	ND	ND	NS	NS	NS	0.21



**First
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IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

September 03, 2009

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
8184 Starwood Drive
Loves Park, IL 61111

Project ID: TE09-113
First Environmental File ID: 9-3637
Date Received: August 28, 2009

Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 002205: effective 02/06/09 through 02/28/10.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200 or stan@firstenv.com.

Sincerely,



Stan Zaworski
Project Manager



**First
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IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Case Narrative

TRANS-ENVIRONMENTAL LTD.

Project ID: TE09-113

First Environmental File ID: 9-3637

Date Received: August 28, 2009

<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Sample Batch Comments:

Sample acceptance criteria were met.


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IL ELAP / NELAC Accreditation # 100292

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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
 Project ID: TE09-113
 Sample ID: MW-11
 Sample No: 9-3637-001

Date Collected: 08/27/09
 Time Collected: 13:00
 Date Received: 08/28/09
 Date Reported: 09/03/09

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 08/31/09				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	67.1	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	296	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 09/02/09				
Preparation Date: 09/02/09				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	17	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE09-113
Sample ID: MW-12
Sample No: 9-3637-002

Date Collected: 08/27/09
Time Collected: 12:50
Date Received: 08/28/09
Date Reported: 09/03/09

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 08/31/09				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	8.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 09/02/09				
Preparation Date: 09/02/09				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	


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1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
 Project ID: TE09-113
 Sample ID: MW-13
 Sample No: 9-3637-003

Date Collected: 08/27/09
 Time Collected: 12:35
 Date Received: 08/28/09
 Date Reported: 09/03/09

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 08/31/09				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	8.6	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 09/02/09				
Preparation Date: 09/02/09				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	


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Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE09-113
Sample ID: MW-14
Sample No: 9-3637-004

Date Collected: 08/27/09
Time Collected: 12:45
Date Received: 08/28/09
Date Reported: 09/03/09

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 08/31/09				
Benzene	33.7	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	8.7	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 09/02/09				
Preparation Date: 09/02/09				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



First Environmental Laboratories
1600 Shore Road, Suite D
Naperville, Illinois 60563
Phone: (630) 778-1200 • Fax: (630) 778-1233
E-mail: firstinfo@firstenv.com
IEPA Certification #100292

Company Name: Trans Environmental LTD
Street Address: 8154 Starwood Dr
City: Loves Park State: IL Zip: 60111
Phone: 815/885-4840 Fax: 815/885-4841 e-mail: muzanneke@transenv.com
Send Report To: Matt Warneke Via: Fax e-mail
Sampled By: Matt Thompson

Matrix Codes: S = Soil W = Water O = Other			Analytes							Comments	Lab I.D.
Date/Time Taken	Sample Description	Matrix	BTEX	PNA's							
8/27 @ 12:05	MW-11	W	X	X							9-3637-001
" @ 12:50	MW-12	↓	↓	↓							002
" @ 12:35	MW-13	↓	↓	↓							003
" @ 12:45	MW-14										004

FOR LAB USE ONLY:
Cooler Temperature: 0.1-6°C Yes No _____ °C
Received within 6 hrs. of collection: _____
Ice Present: Yes No
Sample Refrigerated: Yes No Containers Received Preserved: Yes No
Refrigerator Temperature: _____ °C
5035 Vials Frozen: Yes No Need to meet: IL TACO IN. RISC
Freezer Temperature: _____ °C

Notes and Special Instructions: _____

Relinquished By: Matt Thompson Date/Time: 8-27-09 @ 3:00 P.M.
Received By: [Signature] Date/Time: 8/28/09 1:320



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IL ELAP / NELAC Accreditation # 100292

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February 24, 2010

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
8184 Starwood Drive
Loves Park, IL 61111

Project ID: TE10-022
First Environmental File ID: 10-0560
Date Received: February 17, 2010

Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 002205: effective 02/06/09 through 02/28/10.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200 or stan@firstenv.com.

Sincerely,



Stan Zaworski
Project Manager



**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE10-022
Sample ID: MW-14
Sample No: 10-0560-001

Date Collected: 02/16/10
Time Collected: 10:00
Date Received: 02/17/10
Date Reported: 02/24/10

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 02/18/10				
Benzene	122	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 02/19/10				
Preparation Date: 02/19/10				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



**First
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IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE10-022
Sample ID: MW-12
Sample No: 10-0560-003

Date Collected: 02/16/10
Time Collected: 11:30
Date Received: 02/17/10
Date Reported: 02/24/10

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 02/18/10				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	
Polynuclear Aromatic Hydrocarbons		Method: 8270C		Preparation Method 3510C
Analysis Date: 02/19/10				
Preparation Date: 02/19/10				
Acenaphthene	< 10	10	ug/L	
Acenaphthylene	< 10	10	ug/L	
Anthracene	< 5	5	ug/L	
Benzo(a)anthracene	< 0.13	0.13	ug/L	
Benzo(a)pyrene	< 0.2	0.2	ug/L	
Benzo(b)fluoranthene	< 0.18	0.18	ug/L	
Benzo(k)fluoranthene	< 0.17	0.17	ug/L	
Benzo(ghi)perylene	< 0.4	0.4	ug/L	
Chrysene	< 1.5	1.5	ug/L	
Dibenzo(a,h)anthracene	< 0.3	0.3	ug/L	
Fluoranthene	< 2	2	ug/L	
Fluorene	< 2	2	ug/L	
Indeno(1,2,3-cd)pyrene	< 0.3	0.3	ug/L	
Naphthalene	< 10	10	ug/L	
Phenanthrene	< 5	5	ug/L	
Pyrene	< 2	2	ug/L	



First Environmental Laboratories
 1600 Shore Road, Suite D
 Naperville, Illinois 60563
 Phone: (630) 778-1200 • Fax: (630) 778-1233
 E-mail: firstinfo@firstenv.com
 IEPA Certification #100292

Company Name: TRAVIS ENVIRONMENTAL
 Street Address: 8184 STARWOOD
 City: LOVES PARK State: IL Zip: 60111
 Phone: 815-895-4840 Fax: _____ e-mail: _____
 Send Report To: MATT WARRICK Via: Fax e-mail
 Sampled By: STEVE SAUER

Analyses

Project I.D.: <u>T870-022</u>		P.O. #:							
Date/Time Taken	Sample Description	Matrix						Comments	Lab I.D.
2-16-10 10:00	MW-14	W	↓	↓	↓				10-0560-001
11 10:45	MW-13	↓	↓	↓					002
11 11:30	MW-12	↓	↓	↓					003
11 12:30	MW-11	↓	↓	↓					004

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes ___ No ___ °C
 Received within 6 hrs. of collection: _____
 Ice Present: Yes ___ No ___
 Sample Refrigerated: Yes No
 Refrigerator Temperature: _____ °C
 5035 Vials Frozen: Yes ___ No ___
 Freezer Temperature: _____ °C
 Containers Received Preserved: Yes No

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time 2-16-10 3:00 Received By: [Signature] Date/Time 2/17/10/016
 Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____



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February 14, 2011

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
8184 Starwood Drive
Loves Park, IL 61111

Project ID: TE11-025
First Environmental File ID: 11-0431
Date Received: February 09, 2011

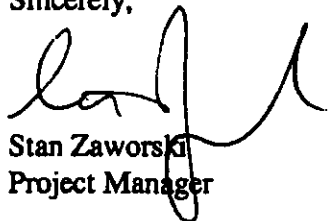
Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 002468: effective 02/23/2010 through 02/28/2011.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200 or stan@firstenv.com.

Sincerely,



Stan Zaworski
Project Manager



**First
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Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Case Narrative

TRANS-ENVIRONMENTAL LTD.

Project ID: **TE11-025**

First Environmental File ID: **11-0431**

Date Received: **February 09, 2011**

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Sample Batch Comments:

Sample acceptance criteria were met.



**First
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Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE11-025
Sample ID: MW-14
Sample No: 11-0431-001

Date Collected: 01/31/11
Time Collected: 12:30
Date Received: 02/09/11
Date Reported: 02/14/11

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 02/11/11				
Benzene	59.5	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	

CHAIN OF CUSTODY RECORD



First Environmental Laboratories
1600 Shore Road, Suite D
Naperville, Illinois 60563
Phone: (630) 778-1200 • Fax: (630) 778-1233
E-mail: firstinfo@firstenv.com
IEPA Certification #100292

Company Name: TRANS ENVIRONMENTAL
Street Address: 8124 STARWOOD DR
City: LOVES PARK State: IL Zip: 61111
Phone: 815-885-4840 Fax: _____ e-mail: _____
Send Report To: _____ Via: Fax e-mail
Sampled By: [Signature]

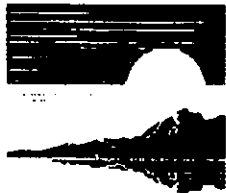
Analyses

Project ID: <u>TEL-025</u>		P.O. #: <u>11</u>		Matrix Codes: S = Soil <u>W = Water</u> O = Other					
Date/Time Taken	Sample Description	Matrix						Comments	Lab I.D.
<u>1-31-11 12:30</u>	<u>MW-14</u>	<u>W</u>	<u>X</u>						<u>110431-001</u>

FOR LAB USE ONLY:
Cooler Temperature: 0.1-6°C Yes ___ No ___ °C
Received within 6 hrs. of collection: _____
Ice Present: Yes ___ No ___
Sample Refrigerated: Yes ___ No X
Refrigerator Temperature: _____
5035 Vials Frozen: Yes ___ No ___
Freezer Temperature: _____ °C
Containers Received Preserved: Yes No
Need to meet: IL TACO IN. RISC

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time 1-31-11 9:00 Received By: [Signature] Date/Time 2/9/11 1000
Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____
Rev. 008



**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

March 24, 2011

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
8184 Starwood Drive
Loves Park, IL 61111

Project ID: TE11-025
First Environmental File ID: 11-1101
Date Received: March 22, 2011

Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 002687: effective 03/01/2011 through 02/28/2012.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Bill Mottashed
Project Manager



**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Case Narrative

TRANS-ENVIRONMENTAL LTD.

Project ID: **TE11-025**

First Environmental File ID: **11-1101**

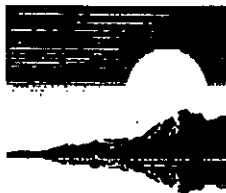
Date Received: **March 22, 2011**

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Sample Batch Comments:

Sample acceptance criteria were met.



**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE11-025
Sample ID: MW-11
Sample No: 11-1101-001

Date Collected: 03/18/11
Time Collected: 14:30
Date Received: 03/22/11
Date Reported: 03/24/11

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/23/11				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE11-025
Sample ID: MW-12
Sample No: 11-1101-002

Date Collected: 03/18/11
Time Collected: 14:50
Date Received: 03/22/11
Date Reported: 03/24/11

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/23/11				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE11-025
Sample ID: MW-13
Sample No: 11-1101-003

Date Collected: 03/18/11
Time Collected: 15:10
Date Received: 03/22/11
Date Reported: 03/24/11

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/23/11				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



**First
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Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE11-025
Sample ID: MW-14
Sample No: 11-1101-004

Date Collected: 03/18/11
Time Collected: 15:30
Date Received: 03/22/11
Date Reported: 03/24/11

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 03/23/11				
Benzene	30.4	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



First Environmental Laboratories
 1600 Shore Road, Suite D
 Naperville, Illinois 60563
 Phone: (630) 778-1200 • Fax: (630) 778-1233
 E-mail: firstinfo@firstenv.com
 IEPA Certification #100292

Company Name: TRANS Environmental LTD
 Street Address: 8184 STARWOOD Drive
 City: LOOER PARK State: IL Zip: 61111
 Phone: 815-885-4940 Fax: 815-885-4941 e-mail:
 Send Report To: Matt Wambue Via: Fax e-mail
 Sampled By: Matt@transenvironmental.com

Analyses

Project I.D.: TG46-023
 P.O. #: _____

Matrix Codes: S = Soil W = Water O = Other			Analyses										Comments	Lab I.D.
Date/Time Taken	Sample Description	Matrix												
3/18/11 2:30	MW-11	D.	X											11-1101-001
11 2:50	MW-12		X											002
11 3:10	MW-13		X											003
11 3:30	MW-14		X											004

FOR LAB USE ONLY:
 Cooler Temperature: 0.1-6°C Yes No _____ °C
 Sample Refrigerated: Yes No
 Refrigerator Temperature: _____ °C
 Containers Received Preserved: Yes No
 Ice Present: Yes No
 5035 Vials Frozen: Yes No
 Freezer Temperature: _____ °C
 Need to meet: IL TACO IN. RISC

Notes and Special Instructions: _____

Relinquished By: [Signature] Date/Time 3/22/11 11:45 Received By: [Signature] Date/Time 3/22/11 11:45
 Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____
 Rev. 008



**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

September 20, 2011

Mr. Matt Warneke
TRANS-ENVIRONMENTAL LTD.
8184 Starwood Drive
Loves Park, IL 61111

Project ID: TE11-025
First Environmental File ID: 11-4061
Date Received: September 16, 2011


Dear Mr. Matt Warneke:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 002687: effective 03/01/2011 through 02/28/2012.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,



Stan Zaworski
Project Manager



**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Case Narrative

TRANS-ENVIRONMENTAL LTD.

Project ID: **TE11-025**

First Environmental File ID: **11-4061**

Date Received: **September 16, 2011**

Code	Description	Code	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Sample Batch Comments:

Sample acceptance criteria were met.



**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE11-025
Sample ID: MW-11
Sample No: 11-4061-001

Date Collected: 09/07/11
Time Collected: 7:55
Date Received: 09/16/11
Date Reported: 09/20/11

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 09/20/11				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE11-025
Sample ID: MW-12
Sample No: 11-4061-002

Date Collected: 09/07/11
Time Collected: 8:45
Date Received: 09/16/11
Date Reported: 09/20/11

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 09/20/11				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE11-025
Sample ID: MW-14
Sample No: 11-4061-003

Date Collected: 09/07/11
Time Collected: 9:05
Date Received: 09/16/11
Date Reported: 09/20/11

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 09/20/11				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



**First
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IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: TRANS-ENVIRONMENTAL LTD.
Project ID: TE11-025
Sample ID: MW-13
Sample No: 11-4061-004

Date Collected: 09/07/11
Time Collected: 8:20
Date Received: 09/16/11
Date Reported: 09/20/11

Analyte	Result	R.L.	Units	Flags
BTEX Organic Compounds		Method: 5030B/8260B		
Analysis Date: 09/20/11				
Benzene	< 5.0	5.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



First Environmental Laboratories
 1600 Shore Road, Suite D
 Naperville, Illinois 60563
 Phone: (630) 778-1200 • Fax: (630) 778-1233
 E-mail: firstinfo@firstenv.com
 IEPA Certification #100292

Company Name: Trans Environmental
 Street Address: 8184 Stonewood Dr.
 City: Louis Park State: FL Zip: 60111
 Phone: 815-885-4840 Fax: 815-885-4841 e-mail: _____
 Send Report To: Matt Wynnake Via: Fax e-mail
 Sampled By: Matt Thompson

Analyses

Project I.D.: TE 19-1025
 P.O. #: 11 11

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix	Analyses				Comments	Lab I.D.
9/7/11 @ 7:55	MW-11	Water	X	X				001
@ 8:45	MW-12							002
@ 9:05	MW-14							003
@ 8:20	MW-13							004

Handwritten notes in table: BTEX, PPHS, 352, 11-4061

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes No _____ °C
 Received within 6 hrs. of collection: _____
 Ice Present: Yes No

Sample Refrigerated: Yes No
 Refrigerator Temperature: _____ °C
 5035 Vials Frozen: Yes No
 Freezer Temperature: _____ °C

Containers Received Preserved: Yes No
 Need to meet: IL TACO IN RISC

Notes and Special Instructions: _____

Relinquished By: Matt Thompson Date/Time 9/16/11 1300 Received By: [Signature] Date/Time 9/16/11 1300
 Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____

Attachment F
Water Well Survey Information



Agency ID: 170000546014

Media File Type: LAND

Bureau ID: 0370305005

Site Name: Kirkland Quick Stop

Site Address1: 411 W Main St

Site Address2:

Site City: Kirkland

State: IL

Zip: 60146-

**This record has been determined to
be partially or wholly exempt from
public disclosure**

Exemption Type:

Exempt in Whole

Exempt Doc #: 9

Document Date: 6 /4 /2012

Staff: JKS

Document Description: CACR: ATTACHMENT F

Category ID: 21A

Category Description: LEAKING UST TECHNICAL

Exempt Type: Exempt in Whole

Permit ID:

Date of Determination:

8 /6 /2012

Attachment G
PE Certification Form

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
Licensed Professional Engineer Certification**

A. Site Identification

IEMA Incident # (6- or 8-digit): 891717 IEPA LPC# (10-digit): 0370305005

Site Name: Kirkland Quickstop

Site Address (Not a P.O. Box): 411 W. Main Street

City: Kirkland County: DeKalb ZIP Code: 60046

Leaking UST Technical File

B. Certification

I certify under penalty of law that all activities that are the subject of this plan, budget, or report were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan, budget, or report and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in this plan, budget, or report has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 731, 732, or 734, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Sections 44 and 57.17 of the Environmental Protection Act [415 ILCS 5/44 and 57.17].

Licensed Professional Engineer

L.P.E. Seal

Name: Cristopher Proctor

FDR Company: Trans Environmental, Ltd.

Address: 8184 Starwood Drive

City: Loves Park

State: IL

ZIP Code: 61111

Phone: (815) 885-4840

Ill. Registration No.: 54320

License Expiration Date: 11/30/13

Signature: *Cristopher Proctor*

Date: 4-10-2017



Attachment H

Owner/Operator Property Summary

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
Property Owner Summary**

A. Site Identification

IEMA Incident # (6- or 8-digit): 891717 IEPA LPC# (10-digit): 0370305005

Site Name: Kirkland Quickstop

Site Address (Not a P.O. Box): 411 W. Main Street

City: Kirkland County: DeKalb ZIP Code: 60046

Leaking UST Technical File

Engineered barriers, institutional controls, and other use restrictions, if any, proposed for this site may not be implemented without approval by the title holder(s) of record for the above-named property or the agent(s) of such person(s). These controls and restrictions will be identified in the No Further Remediation (NFR) Letter, which must be recorded in the chain of title for the property. Failure to maintain these controls is grounds for voidance of the NFR Letter.

B. Preventive, Engineering, and Institutional Controls and Land Use Limitations

The following controls and restrictions are proposed for the above-named site:

- Industrial/commercial land use limitation;
- On-site groundwater restriction prohibiting the use of groundwater beneath the site as a potable water supply;
- An engineered barrier: building, asphalt/concrete, or other
(description) _____;
- Groundwater ordinance: with a MOU, without a MOU;
- Construction worker caution notification;
- Other: _____;
- None (There are no proposed institutional controls other than the NFR Letter.)

C. Property Ownership Declaration

I hereby affirm that I have reviewed the attached report entitled CACR Report
_____ and dated _____, and that I accept the
terms and conditions set forth therein, including any land use limitations, that apply to property I
own. I further affirm that I have no objection to the recording of a No Further Remediation Letter
containing the terms and conditions identified in the report upon the property I own.

Name of Property Owner: Blake Oil Company

Name of Officer or Agent: John Blake

Mailing Address: 401 Main Street

City: Kirkland

State: Illinois

ZIP Code: 60146

Signature: _____

Date: _____

D. Site Description

Real Estate Tax/Parcel Index Number: 0126207005

Legal Description of Site (must be provided on a separate sheet)

E ½ OF LOTS 6 & 11, BLOCK 7

Attachment I

TACO Tier 2 Modeling

Risk Based Corrective Action Equations

RBCA Parameters

- █ RBCA Default Value
- █ RBCA Optional Value
- █ Value from RBCA Equation
- █ Site Specific Value
- █ Chemical Specific Value
- █ IRIS / HEAST Value

Constituent of Concern: Benzene

Equations	Symbol	Parameter	Units	Source	Parameter Value(s)	Values Used	Notes
R1, R9, R25	AT _c	Averaging Time for Carcinogens	yr	RBCA	70	70	
R2, R10	AT _n	Averaging Time for Noncarcinogens	yr	RBCA	Residential (30) Industrial/Commercial (25) Construction Worker (0.115)	25	
R1, R2, R9, R10, R25	BW	Adult Body Weight	kg	RBCA	70	70	
R13, R26	C _{source}	Concentration of Contaminant in Groundwater at Source	mg/L	Field Measurement	Site-Specific	0.0304	site data from MW-14
R13, R26	C _{pl}	Concentration of Contaminant in Groundwater at Distance (x) from Source	mg/L	Equation R26	Calculated Value	0.004832639	
R13, R15	C _{pl} /C _{source}	Steady-State Attenuation Along Centerline of a Dissolved Plume		Equation R15	Calculated Value	0.106579807	
R4	d	Lower Depth of Surficial Soil Zone	cm	Field Measurement	100 (or) Site-Specific (not to exceed 100)	100.00	used default value
R8	D ^{air}	Diffusion Coefficient in Air	cm ² /s	TACO Appendix C, Table E	Chemical-Specific	0.088	Benzene
R8	D ^{water}	Diffusion Coefficient in Water	cm ² /s	TACO Appendix C, Table E or Chemistry & Physics Handbook	Chemical-Specific	9.80E-06	Benzene
R3, R6, R11	D _e ^{eff}	Effective Diffusion Coefficient in Soil Based on Vapor-Phase Concentration	cm ² /s	Equation R6	Calculated Value	7.56187E-05	
R1, R2, R9, R10, R25	ED	Exposure Duration	yr	RBCA	Residential (30) Industrial/Commercial (25) Construction Worker (1)	25	
R1, R2, R9, R10, R25	EF	Exposure Frequency	d/yr	RBCA	Residential (350) Industrial/Commercial (250) Construction Worker (30)	250	
R15, R26	erf	Error Function	unitless	TACO Appendix C, Table G	Mathematical Function	1	
R20	f _{oc}	Organic Carbon Content of Soil	g/g	RBCA (or) Field Measurement (See TACO Appendix C, Table F)	Surface Soil (0.006) Subsurface Soil (0.002) or Site-Specific	0.002	default
R13	GW _{comp}	Groundwater Objective at the Compliance Point	mg/L	Appendix B, Table E, 35 IAC 620, Subpart F or Equation R25	Site-Specific	0.005	Benzene
R12, R13	GW _{source}	Groundwater Concentration at Source	mg/L	Equation R13	Calculated Value	3.15E-02	
R3, R6, R11, R14	H	Henry's Law Constant	unitless	TACO Appendix C, Table E	Chemical-Specific	0.228	Benzene
R19, R24	i	Hydraulic Gradient	cm/cm (unitless)	Field Measurement (See TACO Appendix C, Table F)	Site-Specific	0.0282	site data
R14	I	Infiltration Rate	cm/yr	RBCA	30	30	
R1, R2, R9, R10	IR _{air}	Daily Outdoor Inhalation Rate	m ³ /d	RBCA	20	20	
R1, R2	IR _{soil}	Soil Ingestion Rate	mg/d	RBCA	Residential (100) Industrial/Commercial (50) Construction Worker (480)	60	
R25	IR _w	Daily Water Ingestion Rate	L/d	RBCA	Residential (2) Industrial/Commercial (1)	1	
R19	K	Aquifer Hydraulic Conductivity	cm/d	Field Measurement (See TACO Appendix C, Table F)	Site-Specific	7.6576	from testing
R24	K	Aquifer Hydraulic Conductivity	cm/yr	Field Measurement (See TACO Appendix C, Table F)	Site-Specific	2795.024	from testing
R20	K _{oc}	Organic Carbon Partition Coefficient	cm ³ /g (or) L/kg	TACO Appendix C, Table E or TACO Appendix C, Table I	Chemical-Specific	58.90	Benzene
R3, R11, R14, R20	k _s	Soil-Water Sorption Coefficient	(g/g _{soil})/(g/cm ³ _{soil})	Equation R20	Calculated Value	0.12	
R11	L _s	Depth to Subsurface Soil Sources	cm	RBCA	100	100	
R12, R14	LF _{soil}	Leaching Factor	(mg ² /cm ³)/(mg/g _{soil})	Equation R14	Calculated Value	2.611083	
R1, R2	M	Soil to Skin Adherence Factor	mg/cm ²	RBCA	0.5	0.5	

Risk Based Corrective Action Equations

RBCA Parameters

- █ RBCA Default Value
- █ RBCA Optional Value
- █ Value from RBCA Equation
- █ Site Specific Value
- █ Chemical Specific Value
- █ IRIS / HEAST Value

Constituent of Concern: Benzene

Equations	Symbol	Parameter	Units	Source	Parameter Value(s)	Values Used	Notes
R5	Pe	Particulate Emission Rate	g/cm ² -s	RBCA	6.9 x 10 ⁻¹⁴	6.90E-14	
R1, R2	RAF _v (volatiles)	Dermal Relative Absorption Factor	unitless	RBCA	0.5	0.5	
R1, R2	RAF _p (PNAs)	Dermal Relative Absorption Factor	unitless	RBCA	0.05	0.05	
R1, R2	RAF _o	Oral Relative Absorption Factor	unitless	RBCA	1.0	1.0	
R7, R9	RBSL _{air}	Carcinogenic Risk-Based Screening Level for Air	ug/m ³	Equation R9	Chemical-, Media-, and Exposure Route-Specific	0.529926	
R8, R10	RBSL _{air}	Noncarcinogenic Risk-Based Screening Level for Air	ug/m ³	Equation R10	Chemical-, Media-, and Exposure Route-Specific	43.946000	
R2, R10	RfD _i	Inhalation Reference Dose	mg/kg-d	IEPA (IRIS/HEAST)	Toxicological-Specific	8.60E-03	Benzene
R2	RfD _o	Oral Reference Dose	mg/(kg-d)	IEPA (IRIS)	Toxicological-Specific (for construction worker use subchronic reference doses)	4.00E-03	Benzene
R1, R2	SA	Skin Surface Area	cm ² /d	RBCA	3,160	3,160	
R15, R26	S _v	Source Width Perpendicular to Groundwater Flow Direction in Vertical Plane	cm	Field Measurement	Migration to GW = 200 (or) Site-Specific GW objective = Site-Specific	200	
R15, R26	S _h	Source Width Perpendicular to Groundwater Flow Direction in Horizontal Plane	cm	Field Measurement	Site-Specific	4481	
R1, R9	SF _i	Inhalation Cancer Slope Factor	(mg/kg-d) ⁻¹	IEPA (IRIS/HEAST)	Toxicological-Specific	2.70E-02	Benzene
R1, R25	SF _o	Oral Slope Factor	(mg/kg-d) ⁻¹	IEPA (IRIS/HEAST)	Toxicological-Specific	5.50E-02	Benzene
R2, R10	THQ	Target Hazard Quotient	unitless	RBCA	1	1	
R1, R9, R25	TR	Target Cancer Risk	unitless	RBCA	Residential, Industrial/Commercial and Construction Worker = 10 ⁻⁶ at the point of human exposure	1.00E-03	
R15, R19, R26	U	Specific Discharge	cm/d	Equation R19	Calculated Value	0.502196093	
R3, R4, R5, R11	U _{av}	Average Wind Speed Above Ground Surface in Ambient Mixing Zone	cm/s	RBCA	225	225	
R14, R24	U _{gw}	Groundwater Darcy Velocity	cm/yr	Equation R24	Calculated Value	78.8196768	
R1, R2, R5	VF _p	Volatilization Factor for Surficial Soils Regarding Particulates	kg/m ³	Equation R5	Calculated Value	4.67E-12	
R7, R8, R11	VF _{sub}	Volatilization Factor (Subsurface Soils to Ambient Air)	(mg/m ² -s)/(mg/kg-d) or kg/m ³	Equation R11	Calculated Value	3.57488E-05	
R1, R2, R3, R4	VF _{so}	Volatilization Factor for Surficial Soils	kg/m ³	Equations R3 and R4	Calculated Value from Equation R3 or R4 (whichever is less)	1.28879E-05	
R3, R4, R5, R11, R14	W	Width of Source Area Parallel to Direction to Wind or Groundwater Movement	cm	Field Measurement	Site-Specific	3048	site data
R21, R22	w	Soil Moisture Content	g _{water} /g _{soil}	RBCA (or) Field Measurement (See TACO Appendix C, Table F)	0.1 (or) Surface Soil - top 1 meter (0.1), Subsurface Soil - below 1 meter (0.2) (or) Site-Specific	0.2	used default value
R15, R16, R26	X	Distance along the Centerline of the Groundwater Plume Emanating from a Source. The x direction is the direction of groundwater flow.	cm	Field Measurement	Site-Specific	1150	site data
R15, R16, R17, R18, R26	α _x	Longitudinal Dispersivity	cm	Equation R16	Calculated Value	115.00	
R15, R17, R26	α _y	Transverse Dispersivity	cm	Equation R17	Calculated Value	38.33	
R15, R18, R26	α _z	Vertical Dispersivity	cm	Equation R18	Calculated Value	5.75	
R3, R4, R5, R11	A _{amb}	Ambient Air Mixing Zone Height	cm	RBCA	200	200	

37.72

Risk Based Corrective Action Equations

RBCA Parameters

- █ RBCA Default Value
- █ RBCA Optional Value
- █ Value from RBCA Equation
- █ Site Specific Value
- █ Chemical Specific Value
- █ IRIS / HEAST Value

Constituent of Concern: Benzene

Equations	Symbol	Parameter	Units	Source	Parameter Value(s)	Values Used	Notes
R14	δ_{gw}	Groundwater Mbdng Zone Thickness	cm	RBCA	200	200	
R3, R6, R11, R14, R21, R23	θ_{va}	Volumetric Air Content in Vadose Zone Soils	cm^3_{air}/cm^3_{soil}	RBCA (or) Equation R21 - SEE NOTE BELOW*	Surface Soil - top 1 meter (0.28), Subsurface Soil - below 1 meter (0.13) (or) Gravel (0.05), Sand (0.14), Silt (0.16), Clay (0.17) (or) Calculated Value	0.07	
R3, R6, R11, R14, R21, R22, R23	θ_{vw}	Volumetric Water Content in Vadose Zone Soils	cm^3_{water}/cm^3_{soil}	RBCA (or) Equation R22	Surface Soil - top 1 meter (0.15), Subsurface Soil - below 1 meter (0.30) (or) Gravel (0.20), Sand (0.18), Silt (0.16), Clay (0.17) (or) Calculated Value	0.36	
R6, R19, R21, R23	θ_t	Total Soil Porosity	cm^3/cm^3_{soil}	RBCA (or) Equation R23 - SEE NOTE BELOW*	0.43 (or) Gravel (0.25), Sand (0.32), Silt (0.40), Clay (0.38) (or) Calculated Value	0.43	used default value
R15, R26	λ	First Order Degradation Constant	d^{-1}	TACO Appendix C, Table E	Chemical-Specific	0.0009	Benzene
R3	π	pi		constant	3.1416	3.1416	
R3, R4, R11, R14, R21, R22	$\rho_b = \rho_s$	Soil Bulk Density	g/cm^3	RBCA (or) Field Measurement (See TACO Appendix C, Table F)	1.5 (or) Gravel (2.0), Sand (1.8), Silt (1.8), Clay (1.7) (or) Site-Specific	1.8	used default value
R21, R22	ρ_w	Water Density	g/cm^3	RBCA	1	1	
R3, R4	t	Averaging Time for Vapor Flux	s	RBCA	9.46E+08	9.46E+08	

*Either θ_t or θ_{va} must be estimated in order to calculate porosities. θ_t and θ_{va} need to be known in order to calculate θ_{va} and θ_{vw} and θ_{va} need to be known in order to calculate θ_t . θ_{va} is the only porosity parameter that is independently calculated.

All parameters, equations and calculations taken from 35 IAC 742, effective February 23, 2007

RBCA GW Migration

RBCA Equations

Equations for Groundwater Migration

Equation R25 - Cleanup Objective for Carcinogenic Contaminants (mg/L)

$$(TR \times BW \times AT_c \times 365d/yr) / (SF_o \times IR_w \times EF \times ED)$$

Variable	Description	Units	Source	Value	Default Value(s)
TR	Target Cancer Risk	unitless	RBCA	1.00E-06	Residential, Industrial/Commercial and Construction Worker = 10 ⁻⁶ at the point of human exposure
BW	Adult Body Weight	kg	RBCA	70	70.00
AT _c	Averaging Time for Carcinogens	yr	RBCA	70	70.00
SF _o	Oral Slope Factor	(mg/kg-d) ⁻¹	IEPA (IRIS/HEAST)	0.055	Toxicological-Specific
IR _w	Daily Water Ingestion Rate	L/d	RBCA	1	Residential (2) Industrial/Commercial (1)
EF	Exposure Frequency	d/yr	RBCA	250	Residential (350) Industrial/Commercial (250) Construction Worker (30)
ED	Exposure Duration	yr	RBCA	25	Residential (30) Industrial/Commercial (25) Construction Worker (1)

$$(TR \times BW \times AT_c \times 365d/yr) \quad 1.7885$$

$$(SF_o \times IR_w \times EF \times ED) \quad 343.75$$

$$(TR \times BW \times AT_c \times 365d/yr) / (SF_o \times IR_w \times EF \times ED) \quad 0.005202909$$

RBCA GW Migration

RBCA Equations

Equations for Groundwater Migration

Equation R26 - Dissolved Hydrocarbon Concentration along Centerline, $C_{(x)}$ (mg/L_{water})

$$C_{(x)} = C_{source} \times \exp \left[\left(\frac{X}{2\alpha_x} \right) \times \left(1 - \left(1 + \left(\frac{4\lambda \times \alpha_x}{U} \right)^{0.5} \right) \right) \right] \times \operatorname{erf} \left[\frac{S_w}{4 \times (\alpha_y \times X)^{0.5}} \right] \times \operatorname{erf} \left[\frac{S_d}{2 \times (\alpha_z \times X)^{0.5}} \right]$$



Variable	Description	Units	Source	Value	Default Value(s)
$C_{(x)}$	Concentration of Contaminant in Groundwater at Distance (x) from Source	mg/L	Equation R26	4.83E-03	Calculated Value
C_{source}	Concentration of Contaminant in Groundwater at Source	mg/L	Field Measurement	0.03	Site-Specific
X	Distance along the Centerline of the Groundwater Plume Emanating from a Source. The x direction is the direction of groundwater flow.	cm	Field Measurement	1150	Site-Specific
α_x	Longitudinal Dispersivity	cm	Equation R16	115.00	Calculated Value
λ	First Order Degradation Constant	d ⁻¹	TACO Appendix C, Table E	0.0009	Chemical-Specific
U	Specific Discharge	cm/d	Equation R19	0.502196093	Calculated Value
S_w	Source Width Perpendicular to Groundwater Flow Direction in Horizontal Plane	cm	Field Measurement	4481	Site-Specific
α_y	Transverse Dispersivity	cm	Equation R17	38.33	Calculated Value
S_d	Source Width Perpendicular to Groundwater Flow Direction in Vertical Plane	cm	Field Measurement	200	Migration to GW = 200 (or) Site-Specific GW objective = Site-Specific
α_z	Vertical Dispersivity	cm	Equation R18	5.75	Calculated Value

RBCA GW Migration

RBCA Equations

Equations for Groundwater Migration**Equation R26 - Calculations for Dissolved Hydrocarbon Concentration along Centerline, $C_{(x)}$ (mg/L_{water})**

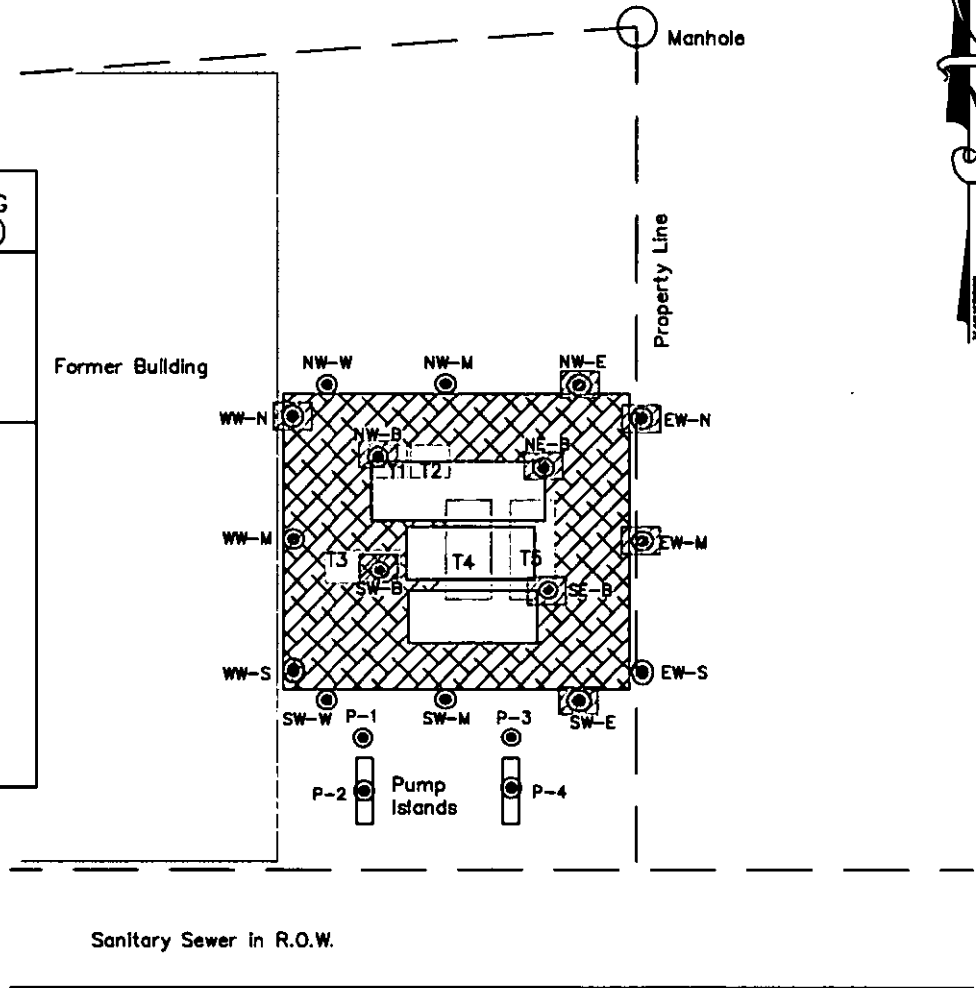
$1 + ((4\lambda \times \alpha_x) / U)$	1.824379173
$(1 + ((4\lambda \times \alpha_x) / U))^{0.5}$	1.350695811
$(X / 2\alpha_x) \times (1 - (1 + ((4\lambda \times \alpha_x) / U))^{0.5})$	-1.753479054
$\exp [(X / 2\alpha_x) \times (1 - (1 + ((4\lambda \times \alpha_x) / U))^{0.5})]$	0.173170425
$(\alpha_y \times X)^{0.5}$	209.9803137
$[S_w / (4 \times (\alpha_y \times X)^{0.5})]$	5.335532131
$\text{erf} [S_w / (4 \times (\alpha_y \times X)^{0.5})]$	1
$(\alpha_z \times X)^{0.5}$	81.31727984
$[S_d / (2 \times (\alpha_z \times X)^{0.5})]$	1.229750924
$\text{erf} [S_d / (2 \times (\alpha_z \times X)^{0.5})]$	0.917988156
$C_{(x)} = C_{\text{source}} \times \exp [(X / 2\alpha_x) \times (1 - (1 + ((4\lambda \times \alpha_x) / U))^{0.5})] \times \text{erf} [S_w / (4 \times (\alpha_y \times X)^{0.5})] \times \text{erf} [S_d / (2 \times (\alpha_z \times X)^{0.5})]$	0.004832639

Figure 1

Sample Location Map



SOIL SAMPLES EXCEEDING TACO TIER 1 SROs (ppm)			
Sample #	Benzene	Xylenes	Naphthalene
NW-B			2.6
NE-B		20	2.4
SW-B		19	4
SE-B		14	
WW-N	0.032		
NW-E	0.038		
EW-N	0.044		
EW-M		7.5	2.4
SW-E	0.12		



Legend	
	Former UST
	Existing UST
	Excavation Area (Remediation of PCS)
	Soil Samples with Contamination (Exceeding TACO Tier 1 SROs)

Trans ENVIRONMENTAL LTD

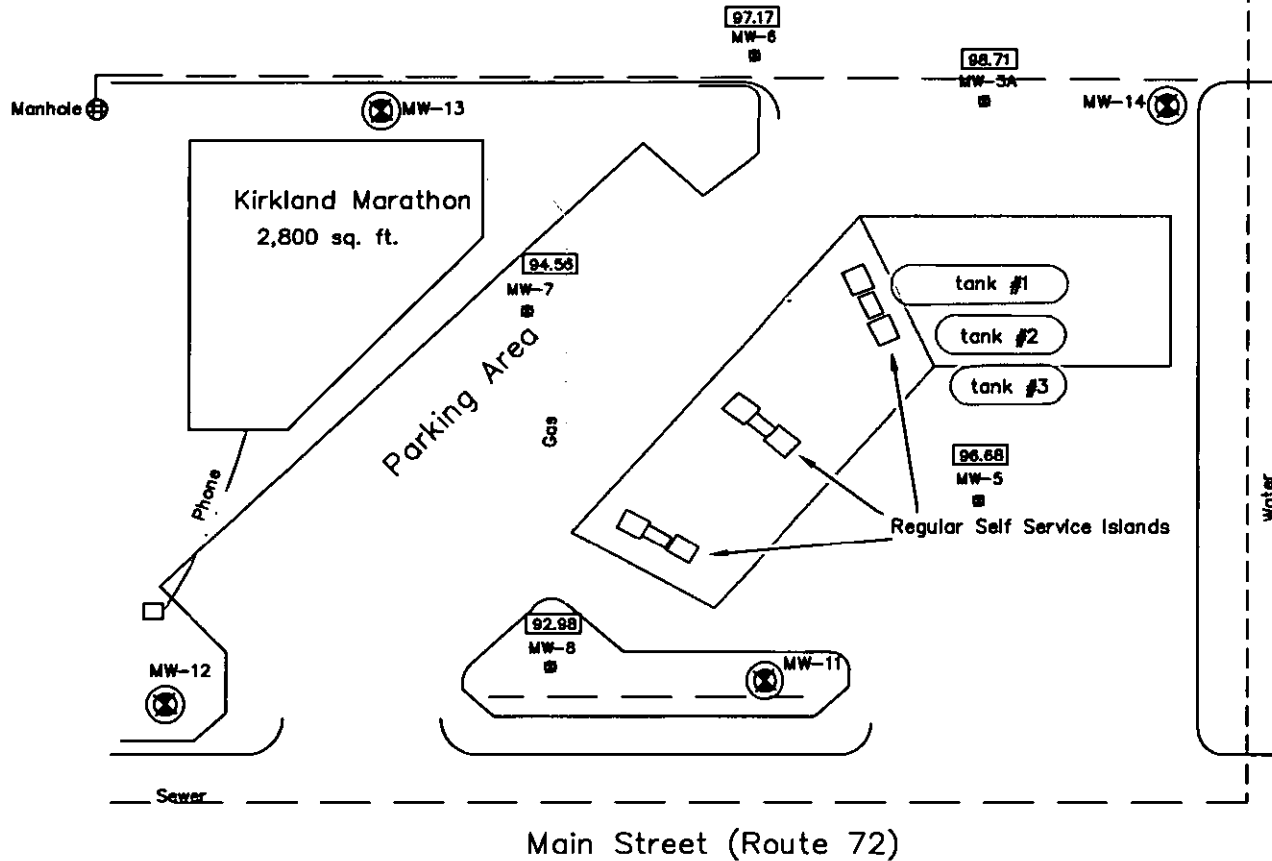
Drawn By: CP	Date: 05/21/12
Scale: 1" = 30'	Job No.:

FIGURE 1
Sample Location Map
 Kirkland Quick Stop
 411 N. Main Street
 Kirkland, IL 60146

REVISIONS			
Date	Title	Reviewed	Approved
05/21/12	ORIGINAL	MJW	MJW

Figure 2

Site Map per 734.440



⊗ New Monitoring Wells (August 2009); GW data as of 9/7/2011 (all 4 wells below TACO Tier 1 GROs)



FIGURE 2. GROUNDWATER PLUME MAP
Blake Oil Company / Kirkland Quickstop
411 W. Main Street
Kirkland, Illinois
IEMA# 891717

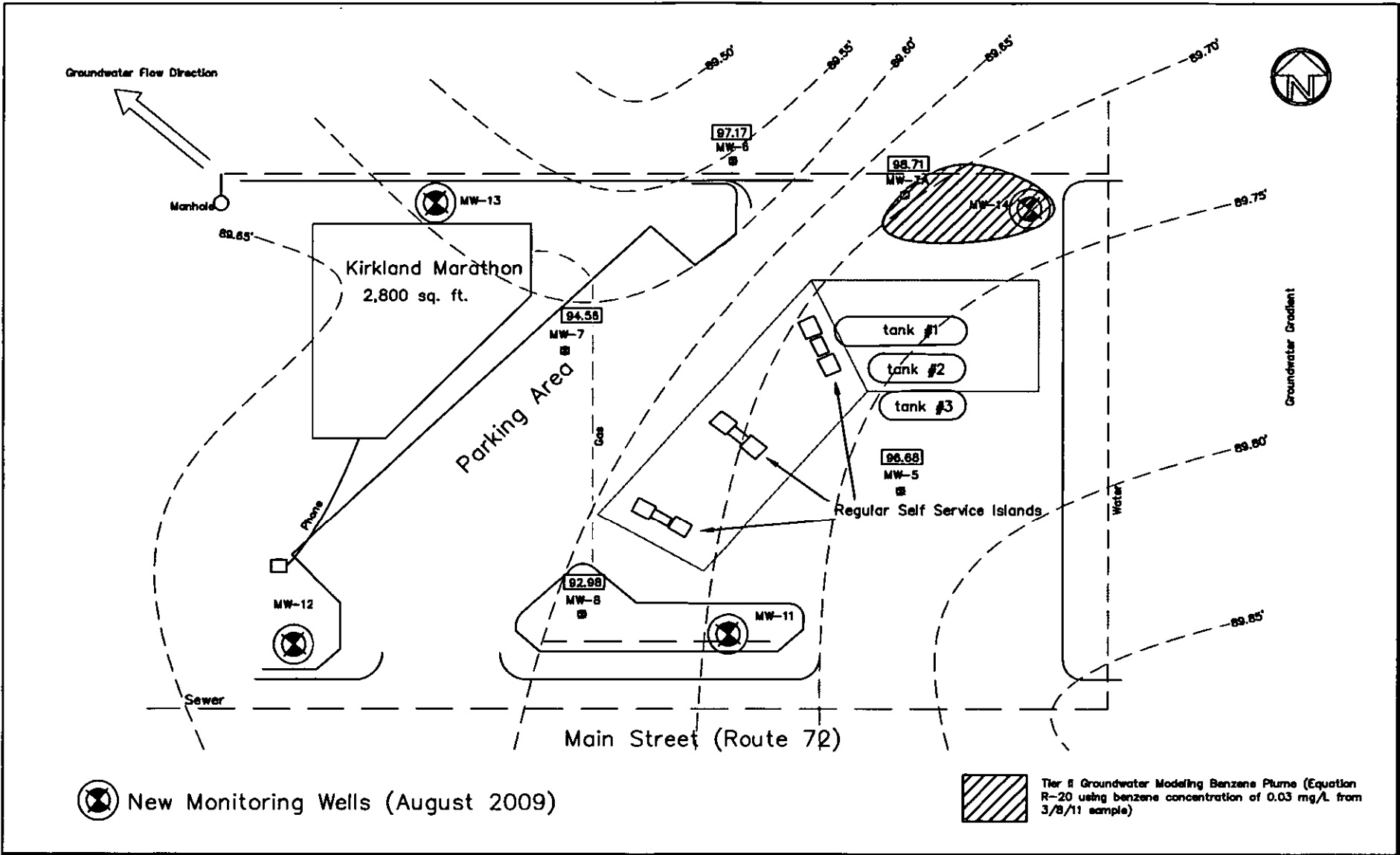
REVISIONS

Date	Title	Reviewed	Approved
06/29/06	ORIGINAL	MJW	MJW
08/25/09	PROPOSED NEW MWs	MJW	MJW

Drawn By: T.J.L. Date: 06/29/06
Scale: 1" = 40' Job No.: TE06-057

Figure 3

**Map Showing Tier II Groundwater Modeling
Plume**



Trans ENVIRONMENTAL LTD

8184 STARWOOD DRIVE
LOVES PARK, IL 61111
888/266-1564

Drawn By: CP Date: 05/24/12
Scale: 1" = 40' Job No.:

Figure 3. Tier II Groundwater Modeling Map
Blake Oil Company / Kirkland Quickstop
411 W. Main Street
Kirkland, Illinois
IEMA# 891717

REVISIONS			
Date	Title	Reviewed	Approved
06/29/06	ORIGINAL	MJW	MJW
08/25/09	PROPOSED NEW MWs	MJW	MJW
05/24/12	Tier II GW modeling	MJW	MJW