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NYSDEC SPILL NO. 0375504
NORTH TONAWANDA, NEW YORK

Prepared for

BOOTH OIL SITE ADMINISTRATIVE GROUP

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1.0 INTRODUCTION

This report has been prepared on behalf of the Booth Oil Site Administration Group (BOSAG)[1] and describes the activities undertaken by BOSAG to address a release of gasoline from one or more underground storage tanks (USTs) discovered at the Booth Oil Site in North Tonawanda, New York (the "Site"). BOSAG conducted its work as a voluntary responder to facilitate an expeditious and effective response to this spill and submits this report to the New York Department of Environmental Conservation (NYSDEC) to document completion of these response activities. This submission is made, and all of the voluntary responses conducted by BOSAG in response to this gasoline spill were conducted, without any admission of liability for the situation which gave rise to or any impacts arising out of this spill.

1.1 SITE BACKGROUND

The Site is located at 76 Robinson Street in North Tonawanda, New York (Figure 1) and occupies approximately 5.4 acres (Figure 2). The Site is bounded on the east and north by residential properties, while industrial and commercial properties are located to the west and south. At its nearest point, the Site is approximately 500 east of the "Little River," which is the eastern branch of the Niagara River as it flows north around Grand Island. The Booth Oil Company, Inc. (formerly George T. Booth and Son, Inc.) is the property holder of record for most of the eastern portion of the Site; the western portion of the Site is owned by New York Central, LLC, and was previously leased to George T. Booth & Son, Inc.

The Site was the former location of a waste oil collection, storage, and reclamation facility that operated for more than 50 years. These operations ceased in the 1980s, and the owner undertook certain closure activities at that time. NYSDEC listed the Site on its Registry of Inactive Hazardous Waste Disposal Sites as a Class 2 site (Site No. 9-32-100).

[1] BOSAG is a committee of potentially responsible parties consisting of some of the generators of waste alleged to have been disposed of at the Booth Oil Site.

1.2 SITE INVESTIGATION AND REMEDIATION

In 1990, NYSDEC conducted a Remedial Investigation/Feasibility Study (RI/FS) of the Site, to evaluate Site soil and groundwater conditions. Based on the findings of the RI/FS, NYSDEC determined that Site remediation was required and issued a Record of Decision (ROD) for on-site soils and groundwater in March 1992. NYSDEC then expanded its investigation to the Little River, leading eventually to NYSDEC issuing, in March 1993, a second ROD for impacted Little River sediment in the immediate vicinity of the outfall for the Robinson Street storm sewer.

After issuing its first ROD, NYSDEC notified several potentially responsible parties seeking their agreement to implement the identified remedy. Following a series of negotiations with NYSDEC and post-ROD investigations, NYSDEC issued an Amended Record of Decision (AROD) in August 2002. This AROD became the basis for Order on Consent, Index No. B9-0214-96-03, entered between BOSAG and NYSDEC (the "Order") and for the Remedial Program implemented by BOSAG under that Order.

Under the Order, the Remedial Program included both remedial design and remedial action (RD/RA). BOSAG retained Sevenson Environmental Services, Inc. of Niagara Falls, New York (Sevenson) as the prime contractor for RD/RA. Blasland, Bouck & Lee, Inc. served as a subcontractor to Sevenson and prepared the design. NYSDEC reviewed and approved the final design,[2] which was appended to and made part of the Order.

Remedial construction primarily involved the testing, excavation, and off-site disposal of nearly 70,000 tons of impacted soils. Within the primary excavation area, soils were removed down to the top of a uniform layer of brown clay, encountered at depth of 5 to 10 feet below the ground surface (ft-bgs). Outside the primary excavation area, surface soils were removed to a depth of one foot throughout the remainder of the Site. Impacted groundwater encountered in the excavations was removed, treated on-site, and discharged to the municipal sewerage system under a permit from the City of North Tonawanda. Impacted

[2] Blasland, Bouck & Lee, Inc., March 2003 (Revised April 2003). *Final Remedial Design, Booth Oil Site, North Tonawanda, New York.*

sediments were dredged from the Little River, stabilized, and sent off-site for disposal. Excavated soil areas were backfilled with clean imported soil, regraded, and seeded.

Remedial construction was substantially completed in December 2003, and a Pre-Final Site inspection was conducted on December 10, 2003. Remaining remedial construction work subsequent to the December 10, 2003 Pre-Final inspection was primarily associated with modifications to the Site surface water drainage.

1.3 GASOLINE SPILL

On March 11, 2004, the homeowner at 88 Robinson Street, which is located adjacent to the southeastern corner of the Site (Figure 2), reported gasoline odors in her basement. The City of North Tonawanda Fire Department, NYSDEC, and the New York Department of Health (NYSDOH) responded to this report and found elevated combustible gas and organic vapor readings in the basement. At the recommendation of NYSDOH and the City of North Tonawanda, the residents at 88 Robinson Street, Ms. Diana Bowers and her family, temporarily relocated to a local motel, and natural gas and electrical utilities were shut off.

At approximately 4:00 p.m. on Thursday, March 11, 2004, NYSDEC contacted the BOSAG Project Coordinator apprising him of the situation and inquiring whether BOSAG would conduct an expedited response. BOSAG agreed to do so and mobilized to the Site the following day, March 12, 2004. NYSDEC and BOSAG agreed that the spill response activities were not part of the Remedial Program at the Site, and NYSDEC assigned this gasoline release Spill No. 0375504.

1.4 REPORT OUTLINE

The following sections of this report describe the actions conducted by BOSAG in its response to Spill No. 0375504. These activities are broken down into the following phases of the response:

- Phase 1 - Initial Response;
- Phase 2 - Soil Vapor Extraction (SVE) System Installation and Operation;
- Phase 3 - Soil Investigation and Removal;

- Phase 4 - Supplemental Investigation at 88 Robinson Street;
- Phase 5 - Closeout Investigation and Project Completion.

Table 1 provides a summary of analytical samples collected over the course of this work, and Figure 3 is a plan view of the area of the response activities.

2.0 PHASE 1 – INITIAL RESPONSE

On Friday, March 12, 2004, BOSAG representatives mobilized to the Site to evaluate conditions associated with the reported gasoline odors and elevated combustible gas and organic vapors readings in the basement at 88 Robinson Street. BOSAG representatives included Fagan Engineers, PC, of Elmira, New York (Fagan) and Sevenson, BOSAG's remedial contractor. BOSAG retained Fagan to provide technical support for the gasoline spill response.

Additional Site activities associated with the initial response phase were also conducted on March 15 and 16, 2004. NYSDEC and NYSDOH personnel were on-site at various times during the initial response activities.

2.1 SUBSURFACE INVESTIGATION

The initial investigation focused on the location of two USTs identified on a 1981 drawing from the closure plan for the Site (Waste Resource Associates, Inc., October 5, 1981). These two tanks, which reported contained gasoline and diesel fuel, were located outside the limits of the Remedial Program primary excavation area on a portion of the Site owned by the Booth Oil Company, Inc., and both were situated within 40 feet of the house at 88 Robinson Street (Figure 3).[3]

Using a small rubber-tired backhoe, Sevenson excavated a test pit at the projected location of the former USTs (Figure 3). Encountered overburden materials included approximately one foot of crushed stone, underlain by geotextile, which had been placed by Sevenson during the Remedial Program as backfill for removed surface soils. Underlying the geotextile were approximately two feet of dark brown silt. Below the silt, a fine sand was encountered to a depth of more than 8 ft-bgs, suggesting that the excavation encountered the backfilled former tank cavity. Gasoline odors were observed within the sand, and photoionization detector (PID) monitoring showed elevated airborne volatile organic compound (VOC)

[3] The NYSDEC RI for the Booth Oil site did not investigate the area of USTs, and the Remedial Program based on the NYSDEC data did not specify any investigation or remediation in the portion of the Site where these USTs were located. This portion of the Site was never owned by any member of BOSAG.

concentrations. The perched groundwater encountered at the interface between the sandy fill and the underlying clay layer showed evidence of a light non-aqueous phase liquid (LNAPL).

While excavating, Sevenson segregated the overburden materials from the visually identified impacted materials. After examining subsurface conditions in the vicinity of this test pit, the excavation was backfilled with clean overburden materials, and the impacted soil was placed in a polyethylene-lined on-site stockpile. The soil stockpile was then also covered with polyethylene sheeting.

The second area of subsurface investigation was the location where Sevenson had tapped the City sewerage system for the discharge of pre-treated wastewaters during the Remedial Program. NYSDEC had expressed concern that this sewer line could, at that time, be acting as a preferential migration pathway. A test pit was excavated along the Robinson Street right-of-way approximately 25 feet west of the eastern Site property boundary (Figure 3). In this second test pit, gasoline odors and elevated PID reading were again found at depth, within a clayey gravel unit encountered at 4 to 8 ft-bgs. The excavation encountered the discharge line that had been installed during the Remedial Program, but neither the pipe nor the immediately surrounding material exhibited evidence of LNAPL. There was no evidence that the installation of this discharge line had created a preferential flow path for the gasoline that had been released from the former USTs no later than when these tanks were removed in 1984 or 1985.[4]

In this second test pit excavation, Sevenson installed a vertical standpipe, constructed of four-inch diameter Schedule 40 polyvinyl chloride (PVC) pipe, the bottom section of which was field-slotted. Sevenson backfilled around the slotted section of the riser pipe with ½-inch crushed stone and filled the remainder of the hole with clean overburden materials.

[4] Mrs. Diana Bowers, who has resided at 88 Robinson Street for more than 25 years, recalled that USTs from the approximate locations of the diesel fuel and gasoline USTs had been removed in 1984 or 1985.

2.2 INSTALLATION OF PASSIVE SOIL VENTING SYSTEM

After observing the gasoline odors and apparent LNAPL in the test pit excavations, the BOSAG Project Coordinator, with the concurrence of NYSDEC and NYSDOH, directed Sevenson to excavate a trench along the property line between the Site and 88 Robinson Street. Sevenson excavated this trench to a depth of approximately 7 ft-bgs, keying the trench into the underlying clay layer. At this depth, the bottom of the trench was about 2 to 3 feet blow the basement floor at 88 Robinson Street. The vapor extraction trench was installed about 7 feet west of the foundation wall at 88 Robinson Street for a distance of approximately 40 feet.

After an initial backfill of about 12 inches of minus-½-inch crushed stone, 4-inch diameter perforated, high-density polyethylene piping was laid horizontally in the trench. The horizontal pipe was connected to four PVC risers (each 4-inch diameter), and a separate 2-inch PVC piezometer was installed near the northern end of the trench. Additional crushed stone was then added to the trench to a depth of approximately 1 ft-bgs, and polyethylene sheeting was then placed atop the stone to isolate the lower portion of the trench for subsurface soil venting. Additional stone was then placed to grade atop the polyethylene sheeting. Figure 4 shows details of the trench and collector pipe construction.

The soil excavated for trench construction was then stockpiled on-site to the west of the trench together with the soil from the test pit excavations.

In the afternoon of March 12, 2004, Sevenson mobilized a vacuum truck to extract soil gas through the vapor extraction trench. The suction line of the vacuum truck was connected to one of the risers (the other risers were sealed with duct tape), and a vacuum was applied. This extraction effort continued for approximately 1½ hours. After the initial withdrawal using the vacuum truck, each of the four risers was outfitted with a wind turbine to induce air extraction from the subsurface. The use of the vacuum truck to accelerate subsurface gas removal was repeated on Tuesday, March 16, 2004.

2.3 AIR SAMPLING AT 88 ROBINSON STREET

In conjunction with the initial response, the basement at 88 Robinson Street was surveyed on March 12, 2004, using a PID to assess airborne VOC concentrations. PID readings were found to be elevated, particularly along the western basement wall. A two-hour time-composite ambient air sample was then collected in the basement using a "Mini-Can" vacuum canister set on the basement floor within about 10 feet of the west wall. Centek Laboratories, LLC of Syracuse, New York (Centek) provided the sampling canister and conducted the analyses in accordance with U.S. Environmental Protection Agency (EPA) Method TO-15 (U.S. Environmental Protection Agency, January 1999). The results of this analysis are summarized in Table 2; Appendix A provides the analytical laboratory report.

On March 15, 2004, Fagan collected a follow-up air sample from the basement at 88 Robinson Street, which again was a two-hour time-composite collected using a Mini-Can supplied by Centek. Centek analyzed this follow-up sample according to EPA Method TO-15, and these air sampling data are also summarized in Table 2. The analytical laboratory report is included in Appendix A.

As shown in Table 2, concentrations of VOCs in the basement air were dominated by gasoline-related hydrocarbons, including aromatics (i.e., benzene, toluene, ethylbenzene, and xylene [BTEX] and trimethylbenzene), straight-chain paraffins (i.e., hexane, heptane), and cycloparaffins (i.e., cyclcohexane). As a result of the initial response activities, the VOC concentrations were reduced by 75 to 80 percent in the three days from March 12 to March 15, 2004.

The initial response activities were effective in substantially reducing indoor airborne VOC concentrations at the 88 Robinson Street residence, but these reductions were not sufficient to allow the residents to immediately reoccupy the house. The residents remained out of the house at 88 Robinson Street; BOSAG paid their lodging and living expenses while they were displaced.

3.0 PHASE 2 – SVE SYSTEM INSTALLATION AND OPERATION

On March 17, 2004, BOSAG upgraded the soil venting system to an active SVE system, with the following primary goals:

- Prevent intrusion of gasoline vapors into the residence at 88 Robinson Street; and
- Remove VOCs from the subsurface.

As described in this section, the SVE system was effective in accomplishing both of these objectives.

After installation and start-up, SVE treatment was conducted on a near-continuous basis until the system was shut down on November 18, 2004. The initially installed SVE system operated until June 25, 2004, when the system was modified to improve its efficiency. The modified system operated until the November 18, 2004 shutdown. At that time, the power and telephone connections (for remote system monitoring) to the SVE system were turned off, and the system was winterized. The system is now waiting to be removed from the Site in the spring of 2005.

3.1 TEMPORARY SYSTEM INSTALLATION AND STARTUP

To convert the soil venting trench to an active SVE system, each of the four risers along the trench and the individual riser for the extraction well along Robinson Street were fitted with a slide-type isolation valve and sampling port, and then connected to a 4-inch diameter PVC pipe collector pipe (Figure 4). This collector pipe was used to manifold all four risers on the trench and the extraction well along Robinson Street.[5] Photographs B-1 through B-3 (Appendix B) show the extraction wells and aboveground piping.

The collector pipe was then connected to an integrated SVE system mobilized to the Site and comprised of the following:

- 55-gallon centrifugal moisture separator, with bottom drain and secondary containment;

[5] On April 15, 2004, the extraction well along Robinson Street (Riser #5) was abandoned, and a replacement extraction well (Riser #6) installed adjacent to the southwest corner of the residence at 88 Robinson Street (see Section 4.2.5).

- Two-stage particulate/mist filter;
- Ametek Rotron Model DR909, 15-horsepower (hp) regenerative blower, and
- Vapor-phase carbon adsorber supplied with an initial fill of 2,000 pounds of activated carbon.[6]

This system was capable of inducing an air flow of 600 standard cubic feet per minute (scfm) at a vacuum of 30 inches of water (in-H_2O).

The aboveground components of the SVE system were set on the concrete pad in the southeastern portion of the Site. A small wooden shed was used to house the unit, except for the carbon adsorber. Photographs B-4 though B-6 (Appendix B) show the setup of the system.

The 15-hp blower required 240-volt, 3-phase electric service with a maximum (non-starting) draw of 44 amps. Because this type of electrical service was not readily available at the Site and the time-frame for SVE operation was not known, a portable generator and on-site diesel fuel storage tank, with secondary containment, were used to run the SVE system. Sevenson received the diesel fuel and serviced the generator on a routine basis.

The SVE system was started on March 17, but a bearing failure caused the system to shut down on March 18. The bearing was repaired, and the system was restarted on March 19, 2004.

3.2 SYSTEM MODIFICATIONS

Although the temporary SVE system was effective in removing subsurface VOCs (Section 3.4.2), the system was oversized and inefficient for this application. Because the length of time that SVE operations would need to be continued could not be predicted with certainty, BOSAG decided in June 2004 to replace the temporary SVE system with a system more suited for longer-term operation. The replacement system was designed to have an equivalent effectiveness and area of influence as the temporary system.

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[6] After start-up, 1,000 pounds of carbon were added to this vessel to supplement the initial fill.

With NYSDEC concurrence, BOSAG replaced the existing 15-hp blower with a 3-hp unit modified to operate on 230-volt single-phase power. The replacement blower was rated for an air flow of 150 scfm at a vacuum of 30 in-H_2O.

As part of the modifications for longer-term operation, the following process instrumentation and controls were installed:

- Interlock to shut off the blower if a high water level was detected in the moisture separator; and
- Remote telephone notification if the electrical power was off or if, for any other reason, air flow fell below the minimum set-point.

The replacement system was housed in the existing shed and likewise equipped with a moisture separator, particulate filter, pressure gauges, and pressure relief valve. Electrical service was established to the new system by tapping into the service at 88 Robinson Street.[7]

The existing vapor-phase carbon adsorber was removed from the Site, and the spent carbon was sent off-site for disposal (Section 3.6). Two 55-gallon vapor-pack carbon drums were installed for the replacement system.

At the same time, the existing risers and manifold piping were modified. The risers were cut off closer to the ground and the manifold pipe reconnected. The stone and plastic ground cover was removed, and the stone was replaced with clayey fill. The removed stone was spread in the "parking area" in the southeastern portion of the Site. The area around the risers was packed with bentonite pellets to provide a tight seal and reduce short-circuiting of air flows, and the surface was compacted, graded to drain, and seeded.

3.3 OPERATION AND MAINTENANCE

Operation and maintenance of the SVE system primarily involved routine system checks and monitoring of influent and effluent air streams. The routine system checks typically involved the following:

[7] This connection was made with the prior approval of the homeowner, and BOSAG paid the electric bills associated with this service.

- Inspecting the shed and system to ensure the system was secure and in working order;
- Checking readings on system pressure gages;
- Checking VOC concentrations in the influent gas stream at each riser using a PID; and
- Monitoring system effluent with the PID.

Throughout the operating period, Site visits to conduct the system checks and monitoring were routinely performed. Initially, these inspections were daily or weekly, but, as operating experience was gained, the frequency was reduced to bi-weekly or monthly. Non-routine Site inspections, and repairs as necessary, were performed in response to alarms.

Because of the very high air flows, the temporary system also withdrew a significant quantity of water from the subsurface. This water was collected in the moisture separator, which was periodically drained to the secondary containment area for the diesel tank for subsequent pumping into the 16,000-gallon storage tank placed at the Site to receive liquids removed from soil excavations (Section 4.2.2). The modified SVE system did not withdraw significant quantities of water.

3.4 PERFORMANCE EVALUATION

This section summarizes the operating data for the SVE system, including reductions in VOC concentrations and the removal of VOCs from the subsurface.

3.4.1 Air Flow Measurements

After coming on-line on March 19, 2004, Fagan measured air flows at each of the five extraction wells and, based on these measurements, estimated a total system air flow of 624 actual cubic feet per minute (acfm). Table 3 shows the measured distribution of these air flows among the risers operating at that time. Fagan repeated the flow measurements on April 15, 2004 after Riser #5 was abandoned and Riser #6 installed (see Section 4.2.5). A total system flow of 594 acfm was measured at that time (Table 3).

On June 22, 2004, Fagan measured air flows at the time of the startup of the modified SVE system. As shown in Table 3, the downsized SVE system induced a total subsurface air flow of 150 acfm.

3.4.2 Subsurface Vacuum Readings

Subsurface vacuum readings were taken in the course of other investigations conducted as part of BOSAG spill response activities. On March 23, 2004, as part of a subsurface soil investigation (Section 4.1), a water manometer was used to estimate subsurface vacuums at two locations. For these measurements, air tubing connected to the manometer was lowered into the Geoprobe® hole that had been advanced to the underlying clay layer, and the deflection of the water level in the manometer was read. A vacuum of 0.2 in-H_2O was measured at Boring BO-2, located about 20 feet west of the SVE trench and a vacuum of 0.7 in-H_2O was measured at Boring BO-7, located about 4 feet east of the SVE trench between the trench and the house at 88 Robinson Street. Figure 3 shows these boring locations. Because of the difficulty in attaining a tight seal at the top of the open borings, these manometer readings most likely underestimated the subsurface vacuum and were viewed as qualitative, rather than quantitative, measurements.

During the supplemental investigation at 88 Robinson Street conducted on May 24, 2004, a Magnehelic gauge was used to take vacuum readings at four locations beneath the basement floor slab at 88 Robinson Street. To take these readings, a plug was placed in the top of a core hole drilled through the basement flow, and tubing connected a port in the plug to the Magnehelic gauge. These vacuum readings, which were taken while the temporary SVE system was operating, were as follows:

Core Hole Number	Vacuum Reading (in-H_2O)
1	1.15
2	1.40
3	1.75
4	≤0.05

The core hole locations are shown in Figure 3. These readings showed that the SVE system was inducing a significant vacuum below the basement floor at 88 Robinson Street.

On June 22, 2004, Fagan measured vacuums in these same basement core holes at the time of the startup of the modified SVE system. With the downsized SVE system operating, the vacuum readings in Core Holes 1 through 3 were in the range of 0.10 to 0.25 in-H_2O. The vacuum at Core Hole 4 was less than the minimum recordable level with the Magnehelic gauge (i.e., 0.05 in-H_2O).

3.4.3 VOC Removal

Beginning on March 19, 2004, and throughout the operation of the SVE system, PID readings were routinely taken at the extraction wellheads to evaluate system effectiveness in removing VOCs from the subsurface. Table 4 summarizes these PID readings, which include readings taken by NYSDEC personnel. Figure 5 shows the trend in PID readings versus time, and Figure 6 shows the calculated VOC removal from the subsurface.

As shown in Table 4 and Figure 5, PID measurement decreased significantly over the operational period, with initial system (composite) readings of approximately 800 parts per million by volume (ppmv). Within about seven days of operation, system (composite) PID readings were typically below 100 ppmv, and within about 60 days, system (composite) PID readings were generally below 10 ppmv. By the time the temporary system was replaced in late June 2004, system influent PID readings were approximately 1 to 2 ppmv, an overall reduction of approximately 99.8 percent. At the time of system shutdown in November 2004, PID readings were typically 0.0 ppmv. In examining Figure 5, it does not appear that the changeover from the larger temporary to the smaller modified SVE system had a material impact on PID concentrations in the system inflow. Both systems appeared to be equally effective in reducing subsurface VOC concentrations.

On June 3, 2004, Fagan collected a sample of the intake to the SVE system and submitted that sample to Centek for analysis of VOCs by EPA Method TO-15. Those data, which are presented in Table 5, showed the intake to the SVE system contained 315 parts per billion by

volume (ppbv) of gasoline-related aromatic hydrocarbons.[8] Sampling of the air intake on October 20, 2004, while the modified SVE system was operating, showed 5.8 ppbv of gasoline-related VOCs in the SVE system intake (Table 5).

As shown in Figure 6, the SVE system was very effective in removing VOCs from the subsurface, with a total recovery estimated at 516 pounds, i.e., the equivalent of about 84 gallons of gasoline. Most importantly, the SVE system all but eliminated detected VOC concentrations and gasoline odors in the basement at 88 Robinson Street.

3.5 AIR SAMPLING AT 88 ROBINSON STREET

In conjunction with SVE system startup, on Friday, March 19, 2004, NYSDOH personnel used a highly sensitive PID to survey the residence at 88 Robinson Street. NYSDOH found airborne VOC concentrations in the basement along the western basement wall to be in the range of 300 to 400 ppbv. In the first-floor living area, PID readings were 100 to 150 ppbv. Based on these results, NYSDOH apprised Mrs. Bowers that she and her family could move back into their home. They elected, however, to wait until Monday, March 22, 2004 to do so.

On March 19, 2004, Fagan collected two-hour time-composite ambient air samples in the basement and in the first floor living area at 88 Robinson Street. Following the same procedure as used previously, each of these samples was collected using a "Mini-Can" vacuum canister. The basement sample was set on the basement floor within about 10 feet of the west wall; the first floor sample was set on the floor near the center of the living room. Centek analyzed these samples according to EPA Method TO-15, and these air sampling data are included in Tables 2 and 6, respectively. The analytical laboratory report is included in Appendix A.

On April 19, 2004, Fagan again collected a two-hour time-composite ambient air sample in the basement at 88 Robinson Street following the same procedure and sample location as used previously. These data are included in Table 2, and the analytical laboratory report is included in Appendix A.

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[8] The temporary (15-hp) system was operating at the time the sample was collected on June 3, 2004.

As shown in Table 2, concentrations of gasoline-related VOCs in the basement air on March 19, 2004, after start-up of the temporary SVE system, were reduced by more than 99 percent as compared to those found four days earlier on March 15, 2004. The sampling on April 19, 2004 showed no detectable gasoline-related compounds at a detection limit of 5.0 ppbv, the minimum detection limit for the Mini-Can samplers (Table 2; Appendix A).

On April 28, 2004, BOSAG conducted a four-hour trial SVE system shutdown. During this shutdown, no gasoline odors were observed and PID readings remained low in the basement at 88 Robinson Street. On May 4, 2004, BOSAG conducted an eight-hour trial SVE system shutdown. Again, throughout this longer trial shutdown, no gasoline odors were observed and PID readings remained low. At the end of the shutdown, a two-hour time-composite air sample was collected using a Mini-Can supplied by Centek.

Centek's analysis of this air sample showed no detectable BTEX or trimethylbenzene, at a detection limit of 5.0 ppbv, but low concentrations of hexane, heptane, and cyclcohexane (Table 2; Appendix A). In addition, with this shutdown, NYSDEC indicated detections of low levels of VOCs, as recorded by the PID meter, in the sewer drains in the home at 88 Robinson Street.[9] Based on the results of the two trial shutdowns, BOSAG concurred with NYSDEC that it would be premature to shut down the SVE system.

3.6 OTHER SAMPLING

3.6.1 LNAPL

On March 19, 2004, Fagan collected samples of the LNAPL and water present in the piezometer installed in the soil vapor extraction trench. The LNAPL was analyzed by Severn Trent Laboratories, Inc. (STL) in Amherst, New York for polychlorinated biphenyls (PCBs). STL also conducted a petroleum product "fingerprint" analysis of the LNAPL using EPA Method 310.13 as well as PCB analysis. The water associated with the LNAPL was analyzed for PCBs. Appendix A includes the laboratory reports for this testing.

[9] Previous PID readings on April 30 and May 3, 2004 had indicated no detections of VOCs in the drains. The SVE system was operating at the time of those readings.

The Method 310.13 petroleum products fingerprinting confirmed that the LNAPL sample was gasoline; 100 percent of the product was identified as gasoline. The LNAPL gasoline contained 36 milligrams per kilogram (mg/kg) total PCBs, and the perched groundwater contained 11.2 micrograms per liter total PCBs. The SVE system had begun operation at the time these liquid samples were collected.

3.6.2 Spent Vapor-Phase Carbon

As part of the modification of the SVE system, the vapor-phase activated carbon from the large vessel was sampled on June 9, 2004 for waste characterization testing. The collected sampled was submitted to STL in Pittsburgh, Pennsylvania for analyses to determine whether the gasoline-impacted soils exhibited the characteristic of a hazardous waste under NYSDEC regulations: ignitability (flashpoint), reactivity, corrosivity, and toxicity characteristic leaching procedure (TCLP) analysis of metals, VOCs, semi-volatile organic compounds (SVOCs), and pesticides. STL also analyzed the waste characterization samples for total PCBs. The analytical laboratory report (C4F150182) is included in Appendix A.

These waste characterization data showed that the spent vapor-phase carbon was not a characteristic hazardous waste and did not exhibit PCB concentrations above 50 mg/kg. On that basis, the carbon was sent off-site for disposal as a non-hazardous industrial waste at Modern Landfill, Inc. in Model City, New York (Modern Landfill). A copy of the waste profile (M04-1894) is provided in Appendix C; Appendix D provides a copy of the Non-Hazardous Waste Manifest for shipment of this material.

3.6.3 Accumulated Water

When replacing the temporary SVE system with the modified system, Sevenson collected the accumulated rainwater from with the secondary containment and water from the SVE system moisture separator into two 55-gallon drums. Sevenson collected a representative sample of this water and submitted this sample to Waste Stream Technology, Inc. for testing of hazardous waste characteristics and total PCBs. The analytical laboratory report (4F30016) is included in Appendix A.

These waste characterization data showed that the accumulated water was not a characteristic hazardous waste and did not exhibit PCB concentrations above 50 mg/kg. On that basis, the

water was sent off-site for disposal as a non-hazardous industrial waste at Environmental & Industrial Contracting Services, Inc. in Niagara Falls, New York. A copy of the waste profile (SES040714A) is provided in Appendix C; Appendix D provides a copy of the Non-Hazardous Waste Manifest for shipment of this material.

4.0 PHASE 3 – SOIL INVESTIGATION AND REMOVAL

To complement the VOC removal effected by the operation of the SVE system, BOSAG undertook an investigation and remediation of soils in the area of the UST gasoline release. These investigation and remediation efforts were focused on identifying and removing soils impacted by the gasoline UST release and which could serve as a continuing source of gasoline-related constituents to soil gas and perched groundwater.

4.1 SOIL INVESTIGATION

4.1.1 Delineation Sampling

BOSAG conducted soil sampling on March 23, 2004 to delineate the limits of soils impacted by the gasoline release. In this effort, a Geoprobe® rig, furnished and operated by Marcor Remediation, Inc. (Marcor), was used to advance 20 soil borings at the Site and at the adjacent 88 Robinson Street property. These borings were identified as Borings BO-1 through BO-20; locations are shown on Figure 3.

Marcor advances the Geoprobe® borings using 2-inch diameter Macrocore barrels fitted with acetate sleeves. After removing the core barrel from the hole, the sleeve containing the soil was removed from the steel core barrel and opened. A PID was used to screen the exposed soil core and identify soils potentially impacted by the gasoline release. The PID was also used to take soil gas readings at open boreholes. Boring logs with descriptions of encountered soils and PID reading are presented in Appendix E.

Soil samples were collected from selected borings and submitted to STL in Amherst, New York for BTEX analysis in accordance with EPA Method 8021. The sample strategy was primarily designed to laterally delineate the extent of gasoline-impacted soils and to define the thickness of the clean overburden atop impacted soils. The results of the BTEX soil analyses are summarized in Table 7.

These BTEX data, in combination with field observations and PID readings were used to delineate the extent of impacted soils and define the initial limits of planned soil excavation.

For this purpose, the BTEX data were compared to NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 values as follows:

Constituent	TAGM 4046 Cleanup Level (micrograms per kilogram [µg/kg])
Benzene	60
Ethylbenzene	5,500
Toluene	1,500
Total xylene	1,200

Gasoline-impacted soils were identified in the area northwest of the former gasoline UST, extending to the former pump island (i.e., area of Borings BO-9, BO-10/10A, BO-11). Impacted soils were generally found within the interval of 3 to 7 ft-bgs. There were also localized "hot spots" along the north side of Robinson Street at Borings BO-4 and at Boring BO-7 in the 5 to 7 ft-bgs interval. In all of these samples, the "fingerprint" of the detected BTEX (i.e., the relative proportions of the BTEX constituents) was indicative of gasoline. LNAPL, believed to be gasoline, was observed in Boring BO-9.

In addition, a "hot spot" was detected at Boring BO-17, at a depth of approximately 6.5 ft-bgs. This boring was located in the driveway on the east side of the property at 88 Robinson Street. The VOCs observed at BO-17, however, appeared unrelated to the gasoline release associated with the former Booth Oil Company, Inc. operations. As shown in Table 7, the BTEX results for the impacted soil at BO-17 showed high xylene concentrations with almost no benzene and comparative little ethylbenzene and toluene. This BTEX fingerprint was not indicative of gasoline or related fuels (e.g., diesel fuel), but appeared more representative of paint thinner.

4.1.2 Waste Characterization Testing

Two soil samples identified visually and by PID readings as more heavily impacted (i.e., BO-4-5 and BO-10A-4) were also submitted to STL for waste characterization testing. These analyses included testing to determine whether the gasoline-impacted soils exhibited the characteristic of a hazardous waste under NYSDEC regulations: ignitability (flashpoint), reactivity, corrosivity, and TCLP analysis of metals, VOCs, SVOCs, and pesticides. STL also analyzed the waste characterization samples for total PCBs. These waste

characterization data (Appendix A, Laboratory Report A04-2427) showed that the gasoline-impacted soil was not a characteristic hazardous waste and did not exhibit a PCB concentration above 50 mg/kg. On this basis, the soil was profiled for off-site disposal as a non-hazardous industrial waste at Modern Landfill. Copies of the waste approval profile are provided in Appendix C.

4.2 SOIL REMOVAL

Based on the results of the soil investigation, BOSAG prepared a soil removal work plan and submitted this plan to NYSDEC on April 5, 2004. NYSDEC approved BOSAG's Work Plan, with conditions, via its letter dated April 6, 2004. BOSAG conducted the soil removal activities between April 12 and April 19, 2004. Supplemental soil removal was conducted on May 25, 2004.

4.2.1 Initial Removal Areas

Based on the results of the Geoprobe® investigation, three areas were initially identified for removal, as shown on Figure 7:

- Area 1 encompassed the area of the former USTs, pump island, and the inferred location of the connecting piping.
- Area 2 encompassed the area along Robinson Street where free product and impacted soils were observed at depth.
- Area 3 was the area between the sidewalk and the corner of the house at 88 Robinson Street.

No soil removal was planned between the SVE trench and the house at 88 Robinson Street. The SVE system was effective in removing the VOCs associated with the gasoline release from these soils, and excavation closer to the house than the existing SVE trench location could have compromised the structural integrity of the building foundation.

4.2.2 Site Preparation

Prior to beginning soil removal, the proposed excavation areas were laid out and marked in the field, and clearances were sought from each of the potentially affected underground

utilities. A 16,000-gallon storage tank equipped with secondary containment was set at the Site to receive water and LNAPL removed from the soil excavations.

4.2.3 Soil Excavation

The general excavation plan was to first remove the clean overburden and set this material aside. During overburden removal, a PID was used to screen the soils as they were being excavated and stockpiled to ensure that gasoline-impacted materials were not inadvertently mixed with clean soils. A PID reading of 25 ppmv was employed as the threshold for defining potential gasoline affected soils. In most areas, the depth of overburden was, based on the Geoprobe® sampling results, expected to be about 3 to 5 ft-bgs. During the soil excavation, however, overburden materials were often found to exhibit PID readings exceeding 25 ppmv, and the volume of clean overburden that could be effectively segregated was quite limited.

The impacted soil zone, which extended to a nominal depth of 7 ft-bgs (i.e., to the top of the clay layer) was then excavated and directly loaded into trucks for transportation to the off-site disposal facility. A total of 997 tons of impacted soils were excavated and sent to Modern Landfill for disposal. Figure 7 shows the approximate lateral limits of soil removal.

Because of what was uncovered during the course of soil excavation, the volume of soil removed and the complexity of the removal operations increased significantly from what had been planned based on the Geoprobe® study. First, three USTs, which had not been shown on available drawings, were unexpectedly encountered in the course of soil excavation:

- A 550-gallon gasoline tank containing mostly water, but some free product;
- A 1,000-gallon diesel fuel tank full of a fuel and water mixture; and
- A 5,000-gallon tank containing water and some heavy petroleum-based residue.

As they were exposed and breached by the excavation activities, the liquid contents of all three tanks drained into the open excavations. These liquids were then pumped out to the liquids holding tank (Section 4.2.4). Sevenson then removed all three USTs and staged the tanks (wrapped in polyethylene sheeting) at the Site. These steel tanks were subsequently sent off-site for scrap. Photograph B-7 through B-12 (Appendix B) show the USTs uncovered in the soil excavations.

In addition to the three USTs, three old clay tile drain lines were unearthed in the course of the soil excavation. Two of these drain lines were oriented north and south and found directly beneath the discovered tank farm. The third line was oriented west-to-east, crossing the other lines south of where the USTs had been found (Figure 7). All of these drain lines were found to contain LNAPL and water, which drained from these lines as they were exposed and broken by the excavation activity.

One of the north-south and the east-west tile lines had previously been broken and were discontinuous, and Sevenson removed these drains from within the excavation area. The other north-south drain lines connected to the municipal sanitary sewer in Robinson Street. After removing sections of this line encountered in the soil excavations, Sevenson capped it with concrete at both the northern and southern limits of excavation. Photographs B-13 and B-14 (Appendix B) show these drain lines.

As part of the soil excavation, Sevenson also exposed the tank pit for the gasoline and diesel fuel tanks shown on the Booth Oil Company 1981 Site closure plan drawing (Waste Resource Associates, Inc., October 5, 1981). In excavating the area, this tank pit was found to be much larger and slightly further south than expected based on what was shown in the closure plan drawing and the initial test pitting on March 12, 2004. Although the tanks had previously been removed, elevated PID readings were associated with the sand backfill associated with this tank pit.

4.2.4 Excavation Dewatering

In the soil removal efforts, approximately 17,000 gallons of potentially impacted water and product were pumped from the excavations to the on-site storage tank. The majority of these liquids were drained from the uncovered USTs and, to a lesser degree, from the encountered clay tile drain lines. Sampling of these accumulated liquids and their subsequent off-site disposal are described in Section 4.3.2.

4.2.5 Confirmatory Soil Sampling

As impacted soils were removed, the limits of the excavation were inspected using the PID to confirm the completeness of removal. A PID reading in excess of 25 ppmv was again

employed as the threshold for this purpose. Additional soils were removed if elevated PID readings or other indications of gasoline impacts were noted.

Once excavation was completed to limits where the residual soils exhibited PID readings less than 25 ppmv, soil samples were collected at the limits of removal as follows:

- Area 1: one discrete bottom and four discrete sidewall samples;
- Area 2: one discrete bottom and one composite sidewall sample; and
- Area 3: one composite bottom and sidewall sample.

Sample locations are shown in Figure 7.

The collected samples were delivered to STL for rapid-turnaround analysis of BTEX compounds using EPA Method 8021. The TAGM 4046 levels were applied as the cleanup standards for the soil removal work. Table 8 presents the results of these analyses.

With one exception in "Excavation Area 3" adjacent to the residence at 88 Robinson Street, PID readings in all soils at the limits of excavation were below 25 ppmv, and most readings were at or near 0 ppmv. Nevertheless, two soil samples, (i.e., Samples 1-E and 1-W, the east and west sidewall samples, respectively, for Area 1) did not meet the NYSDEC TAGM 4046 criterion for benzene.[10] In these two areas, NYSDEC agreed that the excavation would be expanded laterally by one more swipe of the excavator (which had a bucket width of four feet) and re-sampled. This procedure was followed along both the east and west sidewalls of Area 1 (Figure 7). The sidewall samples collected at the expanded limits of excavation showed no detectable benzene or other BTEX compounds.

In the area adjacent to the home at 88 Robinson Street, seepage of water and LNAPL was observed in the south sidewall at the limits of excavation. Here the excavation was not expanded due to concerns for structural stability of the adjacent foundation and sidewalk, but a vapor recovery well (i.e., Riser #6) was installed and connected to the SVE system piping to provide in situ treatment of the residual soils. The confirmatory sidewall sample from Area 3, Sample 3-W showed concentrations of benzene and total xylenes above NYSDEC TAGM 4046 criteria.

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[10] In its March 1992 ROD and August 2002 AROD, NYSDEC specified no benzene cleanup standard for the Remedial Program at the Booth Oil Site, although a total VOC concentration of 10 mg/kg was applied.

4.2.6 Backfilling and Site Restoration

After the excavations were completed, the clean overburden that had been previously removed was replaced into the excavations and compacted using the heavy construction equipment. Imported borrow soil was then used to bring the excavations to grade (Photograph B-16, Appendix B).

4.2.7 Supplemental Soil Removal

On May 25, 2004, at the request of NYSDEC, Sevenson excavated a test pit on the north side of Robinson Street, approximately 20 west of the property line between the Site and the 88 Robinson Street property. The test pit was extended to the north, perpendicular to Robinson Street to intercept the location where the west-east subsurface drain had been identified during the April 2004 soil excavation activities. The test pit was also extended to the east and west, parallel to Robinson Street, along the northern edge of the sidewalk.

Soils exhibiting elevated PID readings and evidence of LNAPL were encountered in the course of this test pit excavation. Sevenson excavated these impacted soils, extending the excavation to the north and west to the prior excavation limits. To the east, the excavation extended to within a few feet of the SVE trench. The sidewalk along Robinson Street formed the southern excavation limit. In this effort, Sevenson removed an additional 241 tons of soil for off-site disposal at Modern Landfill as a non-hazardous waste under the same waste profile.

After completing the excavations, clean imported soil was used to restore the area to grade. The surface was then seeded.

With completion of this supplemental soil removal, all known and identified impacted soil at the Site related to the gasoline UST release was removed, sent off-site for disposal, and replaced with clean imported backfill. On this basis, BOSAG concluded, and NYSDEC concurred, that the source of the gasoline vapors in the residence at 88 Robinson Street had been removed.

4.3 OFF-SITE TRANSPORTATION AND DISPOSAL

4.3.1 Soils

Prior to implementing excavation, Sevenson reviewed the results of the waste characterization sampling with representatives of Modern Landfill. Based on their review of the data, including their review with NYSDEC, Modern Landfill determined that the soil to be removed from the UST spill area was adequately represented under the waste profile that had been prepared for other non-hazardous impacted soils from the Site (M031815). A copy of the approved NYSDEC "Application for Treatment or Disposal of an Industrial Waste Stream" and the approval letter from Modern Landfill for M031815 are provided in Appendix C. The approval from the NYSDEC Division of Solid Waste Regional Engineer was made for a limited soil quantity, and, as the excavation proceeded and the quantity of removed soils grew beyond original expectations, Modern Landfill and NYSDEC extended, in step-wise fashion, the quantity of non-hazardous soil acceptable for disposal.

The non-hazardous soils were directly loaded into transport vehicles, and the loaded materials were covered with a canvas tarp upon the completion of loading. Before the non-hazardous soil was transported off-site, a Non-Hazardous Material Manifest was prepared and signed by a BOSAG representative and by the truck driver. The transport vehicle was inspected by Sevenson to ensure the vehicle had a tarp fastened and that no soil had accumulated on its wheels and undercarriage during loading and was then allowed to exit the site to transport the material to Modern Landfill.

A total of 1,238 tons of non-hazardous soil were sent off-site for disposal at Modern Landfill, including the 997 tons from the April 2004 soil excavation work and the 241 totals from the supplemental soil excavation in May 2004. Copies of the Non-Hazardous Material Manifest and weigh ticket for each load are included in Appendix D.

4.3.2 Liquids

The liquids accumulated in the 16,000-gallon storage tank were primarily the LNAPL and water removed from the soil excavations, but also included water removed from the SVE system moisture separator and rainwater accumulated within the secondary containment area

for the on-site diesel fuel storage tank. Individual samples were collected of the LNAPL and water phases of the accumulated liquids and submitted to STL for analysis. The LNAPL was analyzed for flashpoint and total PCBs; the water phase was analyzed for pH, reactive cyanide and sulfide, TCLP metals, and TCLP VOC. The LNAPL was found to contain no detectable PCBs but exhibit a flashpoint below 140° Fahrenheit. The water phase contained benzene and 1,2-dichloroethane concentrations above TCLP thresholds for characteristic hazardous wastes. The laboratory report for these analyses is included in Appendix A.

Based on these analytical data, the tank liquids were determined to be a hazardous waste. The liquids were removed by tanker truck on May 11, 2004 and delivered to the General Environmental Management, LLC. (GEM) waste treatment facility in Cleveland, Ohio. Sevenson then cleaned and triple-rinsed the interior of the 16,000-gallon tank using high-pressure water sprays. The wash water from this decontamination work was also delivered by tanker truck to GEM. Copies of the waste profile approval is provided in Appendix C, and copies of the hazardous waste manifests for the three loads, totaling an estimated 22,500 gallons, are provided in Appendix D.

5.0 PHASE 4 – SUPPLEMENTAL INVESTIGATION AT 88 ROBINSON STREET

In response to NYSDEC's request submitted via letter dated May 5, 2004, BOSAG undertook a supplemental investigation to assess any remaining impacts of the gasoline spill on conditions at 88 Robinson Street. The scope of this work was defined by an NYSDEC memorandum provided to BOSAG on May 17, 2004 and included the following:

- Ambient air sampling in the basement prior to any other intrusive sampling;
- Drilling four cores through the concrete basement floor to measure subslab gasoline vapor levels, measure the vacuum exerted by the SVE, and collect subslab soil samples;
- Air sampling in the basement after the completion of intrusive work; and
- Geoprobe® sampling at seven locations outside the residence on the 88 Robinson Street property.

The methods used in and the results of this sampling are described in this section.

5.1 AMBIENT AIR SAMPLING

On May 24, 2004, ambient basement air samples were collected both prior to and following basement coring. The SVE system was operating at the time of sample collection.

Fagan collected both of these samples as two-hour time-composites using a "Mini-Can" vacuum canister. As was done for earlier basement ambient air samples, the canister was set on the basement floor within about 10 feet of the west wall. Centek analyzed these samples according to EPA Method TO-15, and these air sampling data are included in Table 2. The analytical laboratory report is included in Appendix A.

These samples showed no detectable gasoline-related VOCs, except for toluene at 5.3 and 6.1 ppbv in the pre-coring and post-coring sampling, respectively, and *m*-xylene at 5.2 ppbv in the post-coring sample. Under the Mini-Can, the minimum detection limit for most VOCs was 5.0 ppbv.

5.2 SUBSLAB SAMPLING

Sevenson used a concrete coring machine to drill four 3-inch diameter holes through the basement floor at 88 Robinson Street. Corehole locations are shown in Figure 3. At the four coring locations, the concrete floor was found to be 2 to 3 inches thick and underlain with a few inches of fine rounded gravel. Coreholes 1, 2, and 4 were dry; water was encountered in the gravel immediately below the basement floor at Corehole 3. After completing the subslab soil gas and soil sampling, the Coreholes were sealed with removable "J-plugs" to facilitate later re-entry for additional sampling.

5.2.1 Subslab Soil Gas Sampling

Immediately after concrete coring, PID readings were taken at each location (no VOCs were detected by the PID), and a plug was placed in the hole. Vacuum measurements were then taken at each location using a Magnehelic gauge, as described in Section 3.4.2.

Subslab air samples were then collected at Coreholes 2 and 3. Air tubing was used to connect the port in the plug to a Mini-Can sampler, and a two-hour composite air sample was collected at both locations. The collected samples were submitted to Centek for TO-14 VOC analysis; the results of this sampling are presented in Table 9. Appendix A provides the analytical laboratory report. As shown in Table 9, the subslab soil gas at Coreholes 2 and 3 exhibited 235 and 56 ppbv, respectively, of gasoline-related aromatic hydrocarbons.

5.2.2 Subslab Soil Sampling

Subslab soil samples were then collected at each location by driving a 2-inch diameter Macrocore using a hand-held vibratory hammer. The Macrocore barrel was fitted with an acetate sleeve to facilitate sample removal. One four-foot section of Macrocore was driven at each location.

One soil sample was collected at each location. The selected sample was taken from a six-inch interval near the bottom of each sampler. The collected soil samples were submitted to STL in Amherst, New York for BTEX analysis in accordance with EPA Method 8021. These data are provided in Table 10. As shown in Tables 10, Coreholes 1, 2, and 4 showed BTEX concentrations well below the TAGM 4046 values. At Corehole 3, however, benzene, toluene, and xylene concentrations exceeded TAGM 4046 values.

5.3 GEOPROBE SAMPLING

As part of the supplemental investigation at 88 Robinson Street, Marcor advanced seven Geoprobe® borings for soil sampling. Three boring (i.e., Borings BO-21, BO-22, and BO-23) were located at the southwest corner and along the western side of the residence at 88 Robinson Street. Four borings (i.e., BO-17N, BO-17E, BO-17S, and BO-17W) were advanced around the location of previously drilled Boring BO-17 in the driveway on the east side of the 88 Robinson Street property where non-gasoline VOCs had been previously detected in the subsurface (Section 4.1.1). Sample locations are shown in Figure 3.

At each Geoprobe® location, a soil sample was collected from the six-inch interval immediately above the clay layer, i.e., from the approximate depth interval of 6.5 to 7.0 ft-bgs. Samples were submitted to STL in Amherst, New York for BTEX analysis according to EPA Method 8021.

Table 7 includes the data from these seven soil samples. As shown in Table 7, none of the soil samples collected from the southwest corner or western side of the 88 Robinson Street property exhibited BTEX concentrations that exceeded TAGM 4046 levels. At the four borings around the Boring BO-17 location on the eastern side of the property, however, elevated xylene concentrations were detected at one of four locations. As was previously observed at Boring BO-17, the distribution of compounds in the sample suggested that the source of the VOCs was not gasoline.

6.0 PHASE 5 – CLOSEOUT INVESTIGATION AND PROJECT COMPLETION

6.1 CLOSEOUT INVESTIGATION

By August 2004, PID readings of the SVE system inflow typically showed no detectable VOCs in the subsurface soil vapors being extracted by this system. To evaluate the completeness of the spill response, BOSAG conducted project closeout sampling on October 20, 2004. At the time of this sampling, the SVE system was still operating. Based on the results of the October 20, 2004 sampling, BOSAG, with NYSDEC concurrence, shut down the SVE system on November 18, 2004 and conducted follow-up sampling approximately four week later on December 13, 2004.

Both rounds of project closeout sampling included ambient air sampling in the basement at 88 Robinson Street and subslab air sampling at all four corehole locations. The October 20, 2004 sampling also included air sampling of the SVE system intake manifold, and the December 13, 2004 sampling included ambient air sampling in the first-floor living area at 88 Robinson Street.

For both rounds of closeout sampling, larger Summa canisters were used to collected air samples rather than the smaller Mini-Cans. Use of the Summa canisters reduced the typical detection limit for VOCs from 5 to 0.15 ppbv.

6.1.1 SVE System Intake Manifold Sampling

Sampling of the air intake on October 20, 2004, while the modified SVE system was operating, showed 5.8 ppbv of gasoline-related aromatic hydrocarbons in the SVE system intake (Table 5). This concentration represented a 99-percent reduction from the sample collected in June 2004 and confirmed that the source of available gasoline-related VOCs in soil gas was essentially depleted. In addition, the air inflow to the SVE system contained only very low to non-detectable concentrations of chlorinated VOCs, including tetrachloroethylene (PCE); trichloroethylene; cis-1,2-dichloroethylene; and vinyl chloride.

6.1.2 Subslab Soil Gas Sampling

Two rounds of subslab soil gas sampling were conducted as part of the project closeout investigation. The methods used in sample collection were the same as those used in the May 2004 sampling (Section 5.2.2). Sample analysis was by Centek, and included the full suite of TO-15 air toxics. The results of the sample analyses are presented in Table 9; Appendix A includes the analytical laboratory report.

The two rounds of closeout sampling show relatively consistent VOC concentrations in subslab soil gas. In both rounds at all four sampling locations, benzene concentrations were below 1.0 ppbv and total gasoline-related aromatic hydrocarbon concentrations were less than 25 ppbv. Compared to the sampling conducted in May 2004, the total gasoline-related aromatic hydrocarbon concentrations were reduced by more than 70 percent at Corehole 3 and 90 percent at Corehole 2.

The subslab soil gas contained varying concentrations of chlorinated VOCs, and, with the more sensitive Summa canister and the lower analytical detection limits, several "fugitive" VOCs (e.g., Freon) were detected as well. The sources of these fugitive compounds are not known, but likely include remnants of the past use of cleaners and solvents in the former basement work shop and laundry at 88 Robinson Street. The absence of these chlorinated VOCs from the air sampled at the intake manifold of the SVE system, which drew subsurface soil gas from all along the west foundation wall of the residence, indicates that these compounds do not originate at the Booth Oil Site.

6.1.3 Basement Ambient Air Sampling

Table 2 includes the data from the two rounds of basement ambient air sampling conducted as part of the project closeout sampling, and the analytical laboratory report for this sampling is included in Appendix A. Both samples were two-hour time composites collected by placing the Summa canister on the basement floor approximately 10 feet east of the west basement wall. Centek conducted the analyses for the full suite of TO-15 air toxics.

As shown in Table 2, the concentrations of gasoline-related hydrocarbons in the October 20, 2004 sampling were reduced by about 90 percent from the prior (May 24, 2004) sampling,

and the benzene concentration at 0.56 ppbv was below the NYSDOH target of 1.0 ppbv. PCE was detected at 13 ppbv in the October 20, 2004 basement air sampling, and several fugitive VOCs were detected as well.

Similar results were attained in the December 13, 2004 basement air sampling. The concentrations of some gasoline-related VOCs (e.g., cyclcohexane, ethylbenzene, and toluene) were decreased slightly, while other (e.g., 4-ethyltoluene, trimethylbenzene) increased slightly. Benzene (0.20 ppbv) and PCE concentrations were reduced from the October 2004 sampling.

6.1.4 First-Floor Ambient Air Sampling

Table 3 provides the results of the first-floor ambient air sample collected on December 13, 2004. This sample was collected by placing the Summa canister on the floor in the approximate center of the living room. Centek conducted the analyses for the full suite of TO-15 air toxics. The analytical laboratory report for this sample is included in Appendix A.

As shown in Table 6, the ambient air sample for the first floor living space showed trace levels of gasoline-related VOCs and other fugitive VOCs. Quantitative comparisons between the sample collected on March 19, 2004 and that collected on December 13, 2004 are obfuscated because of the differences in analytical detection limits. Comparing the concentrations of just those compounds detected in the March 2004 sampling (i.e., grater than 5.0 ppbv) shows a greater than 97 percent reduction in gasoline-related VOC concentrations.

6.2 PROJECT COMPLETION

Following the favorable results from the first round of the project closeout sampling, BOSAG shut down and winterized the SVE system on November 18, 2004. The electrical power was turned off and the telephone line used for remote system monitoring was disconnected. The moisture separator and particulate filter vessels were opened to reduced interior condensation, and the vapor-phase carbon vessels were moved inside the remediation shed to protect them from the weather.

Based on the results of the second round of the project closeout sampling, BOSAG now plans to remove the SVE equipment and remediation shed from the site in the spring of 2005. All of the risers for the SVE extraction wells, except for the northernmost riser (i.e., Riser #1), will be cut off below grade and capped. Riser #1 will be reworked to allow the SVE trench, which will not be removed, to serve as a longer-term passive vent. Riser #1 will be cut off below grade and connected by subsurface piping to a small-diameter (e.g., 1½-inch diameter) vertical riser fastened to the concrete block wall on the south side of the slab. The top of this small-diameter riser will be fitted with a pipe "U" and screen.

After removing and reworking the risers, the disturbed areas in the southeastern portion of the Site and along the west side of the 88 Robinson Street property will be fine-graded, seeded, and mulched.

7.0 SUMMARY AND CONCLUSIONS

At the request of NYSDEC, BOSAG responded to the discovered spill of gasoline from a UST associated with former Booth Oil Company, Inc. operations at its facility at 76 Robinson Street in North Tonawanda, New York. BOSAG's response initially focused on identifying and isolating the source of gasoline odors that had migrated into a residence adjacent to the Site at 88 Robinson Street. Response activities that followed included the installation and operation of an SVE system and delineation and removal of gasoline-impacted soils.

The effectiveness and completeness of the response action have been demonstrated by sampling and analysis as follows:

- Confirmatory soil samples at the limits of soil removal generally showed compliance with TAGM 4046 levels;
- Soil sampling at the 88 Robinson Street property showed no gasoline-related constituents above TAGM 4046 levels;
- Air sampling at the intake to the SVE system showed low to non-detectable levels of gasoline related VOCs; and
- Ambient air sampling at the 88 Robinson Street residence showed low to non-detectable levels of gasoline related VOCs.

BOSAG's response activities have been successfully concluded and the impacts of this gasoline UST spill fully remediated.

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New York State Department of Environmental Conservation, January 24, 1994. "Division Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels," *HWR-94-4046.* Internal department memorandum to Regional Hazardous Waste Remediation Engineers, Bureau Directors, and Section Chiefs, from Michael J. O'Toole, Jr., Director, Division of Hazardous Waste Remediation, Albany, New York. Available online at http://www.dec.state.ny.us/website/der/tagms/prtg4046.html.

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TABLES

Table 1
Analytical Sampling Summary
NTSDEC Spill No. 0375504, North Tonawanda, New York

Date of Sampling	Sample Medium	Sample Description/Location	Analytes	Laboratory	Laboratory Report No.
03/12/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0403008
03/15/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0403008
03/19/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0403015
03/19/04	Air	Ambient Air - First Floor at 88 Robinson Street	Airborne VOCs	Centek	C0403015
03/19/04	LNAPL	Standpipe in SVE trench	Total PCBs	STL-Buffalo	A04-2597
03/19/04	LNAPL	Standpipe in SVE trench	Petroleum Fingerprinting	STL-Buffalo	A04-2352
03/19/04	Aqueous	Standpipe in SVE trench	Total PCBs	STL-Buffalo	A04-2352
03/23/04	Soil	Geoprobe soil samples (15)	BTEX	STL-Buffalo	A04-2426
03/23/04	Soil	Impacted soil (2)	Hazardous waste characteristics; total PCBs	STL-Buffalo	A04-2427
04/15/04	Soil	Confirmatory soil samples (5)	BTEX	STL-Buffalo	A04-3371
04/15/04	LNAPL	LNAPL in 16,000-gallon storage tank.	Flashpoint; total PCBs	STL-Buffalo	A04-3391
04/15/04	Water	Water in 16,000-gallon storage tank.	pH, reactivity, TCLP VOCs, TCLP metals	STL-Buffalo	A04-3391
04/16/05	Soil	Confirmatory soil samples (5)	BTEX	STL-Buffalo	A04-3422
04/19/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C040417
05/04/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0405005
05/24/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0405017
05/24/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0405017
05/24/04	Air	Subslab Soil Gas - 88 Robinson Street (2)	Airborne VOCs	Centek	C0405017
05/24/04	Soil	Subslab Soil - 88 Robinson Street (4)	BTEX	STL-Buffalo	A04-4886
05/24/04	Soil	Geoprobe soil samples (7)	BTEX	STL-Buffalo	A04-4886
06/03/04	Air	SVE System Air Intake	Airborne VOCs	Centek	C0406006

Table 1
Analytical Sampling Summary
NTSDEC Spill No. 0375504, North Tonawanda, New York

Date of Sampling	Sample Medium	Sample Description/Location	Analytes	Laboratory	Laboratory Report No.
06/14/04	Waste	Spent carbon from vapor-phase adsorbers	pH, reactivity, full TCLP, total PCBs	STL-Pittsburgh	C4F150182
06/30/04	Water	Drummed water from SVE system	pH, reactivity, full TCLP, total PCBs	Waste Stream Technology, Inc.	4F30016
10/20/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0410022
10/20/04	Air	Subslab Soil Gas - 88 Robinson Street (4)	Airborne VOCs	Centek	C0410022
10/20/04	Air	SVE Intake Manifold	Airborne VOCs	Centek	C0410022
12/13/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0412013
12/13/04	Air	Ambient Air - First Floor at 88 Robinson Street	Airborne VOCs	Centek	C0412013
12/13/04	Air	Subslab Soil Gas - 88 Robinson Street (4)	Airborne VOCs	Centek	C0412013

Note:
See Appendix A for copies of analytical laboratory reports.

Table 2
Results of Indoor Air Quality Monitoring
Basement Ambient Air Samples, 88 Robinson Street
NYSDEC Spill No. 0375504, North Tonawanda, New York

Constituent	Response Status and Date of Sampling								
	Pre-Response	Passive Venting	SVE System Operating		Trial SVE System Shutdown	Before Basement Coring	After Basement Coring	Closeout Sampling	
	03/12/04	03/15/04	03/19/04	04/19/04	05/04/04	05/24/04	05/24/04	10/20/04	12/13/04
Acetone	5.0 U	5.0 U	5.0 U	**14**	**20**	NA	NA	**7.2**	0.30 U
Benzene	**12,000**	**2,300**	**9.0**	5.0 U	5.0 U	5.0 U	5.0 U	**0.56**	**0.20**
Bromodichloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	0.15 U	0.15 U
Carbon disulfide	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	**1.1**	0.15 U
Chloroform	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.52**	0.15 U
Cyclohexane	**19,000**	**3,800**	**19**	5.0 U	**14**	NA	NA	**0.38**	**0.24**
1,4-Dichlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.1**	**0.69**
1,2-Dichloroethane	5.0 U	**59**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.15**	0.15 U
Cis-1,2-Dichloroethylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**2.2**	**2.7**
Trans-1-2-Dichloroethylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	0.15 U	0.15 U
Ethylbenzene	**890**	**430**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.23**	**0.1 J**
4-Ethyltoluene	**300 J**	**210**	5.0 U	5.0 U	5.0 U	NA	NA	**0.15**	**0.54**
Freon 11	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.30**	**0.28**
Freon 12	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.53**	**0.45**
n-Heptane	**13,000**	**3,400**	**16**	5.0 U	**13**	NA	NA	**0.18**	0.15 U
n-Hexane	**60,000**	**11,000**	**34**	5.0 U	**24**	NA	NA	**0.82**	**0.80**
Isopropyl alcohol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	0.15 U	0.15 U
Methyl isobutyl ketone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	0.30 U	0.30 U
Methlyene chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.15 U	0.15 U

Table 2
Results of Indoor Air Quality Monitoring
Basement Ambient Air Samples, 88 Robinson Street
NYSDEC Spill No. 0375504, North Tonawanda, New York

Constituent	Response Status and Date of Sampling								
	Pre-Response	Passive Venting	SVE System Operating		Trial SVE System Shutdown	Before Basement Coring	After Basement Coring	Closeout Sampling	
	03/12/04	03/15/04	03/19/04	04/19/04	05/04/04	05/24/04	05/24/04	10/20/04	12/13/04
Styrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.15 U	0.15 U
Tetrachloroethylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**13**	**3.4**
Toluene	**10,000**	**3,000**	**18**	5.0 U	5.0 U	**5.3**	**6.1**	**1.9**	**0.73**
1,1,1-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.15 U	0.15 U
Trichloroethylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.53**	0.15 U
1,2,4-Trimethylbenzene	**520**	**390**	**9.3**	5.0 U	5.0 U	5.0 U	5.0 U	**0.52**	**1.8**
1,3,5-Trimethylbenzene	**200 J**	**160**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.15 U	**1.8**
2,2,4-Trimethylpentane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	**0.24**	0.15 U
Vinyl chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	**0.31**	**1.3**
m-Xylene	**2,500**	**990**	**13**	5.0 U	5.0 U	5.0 U	**5.2**	**0.65**	**0.70**
o-Xylene	**1,100**	**630**	**7.2**	5.0 U	5.0 U	5.0 U	5.0 U	**0.35**	**0.73**
p-Xylene	**920**	**700**	**6.4**	5.0 U	5.0 U	5.0 U	5.0 U	**0.25**	**0.31**

Note:

All concentrations reported in units of parts per billion by volume (ppbv).

Data Legend:

*For clarity, all detected constituent concentrations are shown in **bold-face** type.*
U - constituent not detected at the Reporting Limit.
J - constituent detected below Reporting Limit but above Minimum Detection Limit.
NA - consituent not analyzed.

Table 3
Summary of SVE System Air Flow Measurements
NYSDEC Spill No. 0375504, North Tonawanda, New York

Riser Number	System Status and Date of Measurement		
	Temporary System Startup	Relocation of Riser	Modified System Startup
	03/19/04	4/15/2004	6/22/2004
1	100	90	30
2	296	270	60
3	193	180	40
4	18	16	10
5	17	--	--
6	--	38	10
Total	624	594	150

Note:
All air flows reported in units of actual cubic feet per minute (acfm).

Table 4
PID Readings for SVE System Inflow
NYSDEC Spill No. 0375504, North Tonawanda, New York

Date	PID Reading (ppmv)							VOC Mass Removed (lbs)	Cumulative VOC Mass Removed (lbs)
	Riser 1	Riser 2	Riser 3	Riser 4	Riser 5	Riser 6	Composite System		
03/17/04	--	--	--	--	800	--	--	--	--
03/18/04	1,050	880	245	800	820	--	--	--	--
03/19/04	780	660	430	430	450	--	591	97.0	97
03/20/04	560	350	250	78	180	--	338	55.4	152
03/21/04	276	255	100	45	220	--	201	33.1	185
03/22/04	216	193	130	31	273	--	173	28.4	214
03/22/04	490	340	212	0.0	600	--	318	0.0	214
03/23/04	220	115	80	92	195	--	121	19.9	234
03/23/04	330	240	150	240	400	--	228	0.0	234
03/24/04	209	115	94	92	118	--	122	20.0	254
03/24/04	125	55	0.0	80	165	--	52	0.0	254
03/25/04	158	67	57	42	160	--	79	13.0	267
03/25/04	60	0	0	1.0	125	--	12	0.0	267
03/26/04	114	48	24	25	78	--	51	8.3	275
03/26/04	32	0.0	0.0	0.0	43	--	6.1	0.0	275
03/27/04	10	32	20	19	105	--	26	4.2	279
03/28/04	57	31	12	0.0	72	--	29	4.8	284
03/29/04	80	56	30	8.0	400	--	58	9.5	294
03/29/04	0.0	0.0	0.0	0.0	400	--	9.3	0.0	294
03/30/04	52	31	19	5.0	50	--	30	4.9	298
03/30/04	165	115	62	77	620	--	116	0.0	298
03/31/04	90	41	20	7.8	160	--	44	7.2	306
03/31/04	170	116	66	27	173	--	107	0.0	306
04/01/04	105	55	22	16	100	--	52	8.6	314
04/02/04	45	19	6.7	0	98	--	20	3.4	318
04/02/04	150	81	46	20	330	--	85	0.0	318
04/03/04	43	10	2.0	0.0	114	--	15	2.4	320
04/04/04	45	8.0	0.0	0.0	120	--	14	2.3	322
04/05/04	130	27	7.0	0.0	230	--	41	6.7	329

Table 4
PID Readings for SVE System Inflow
NYSDEC Spill No. 0375504, North Tonawanda, New York

Date	PID Reading (ppmv)							VOC Mass Removed (lbs)	Cumulative VOC Mass Removed (lbs)
	Riser 1	Riser 2	Riser 3	Riser 4	Riser 5	Riser 6	Composite System		
04/05/04	190	65	43	0	325	--	82	0.0	329
04/06/04	17	3.5	0.0	0.0	220	--	9.5	1.6	331
04/06/04	140	68	37	0.5	475	--	77	0.0	331
04/07/04	27	16	0.4	0.0	242	--	18	2.9	333
04/07/04	133	71	41	84	396	--	79	0.0	333
04/08/04	79	62	27	60	130	--	55	9.0	342
04/08/04	142	81	45	74	395	--	86	0.0	342
04/09/04	3.5	44	39	20	121	--	37	6.0	348
04/10/04	60	48	27	30	219	--	47	7.7	356
04/11/04	44	52	24	26	152	--	43	7.1	363
04/12/04	17	55	18	18	95	--	37	6.1	369
04/12/04	170	125	69	89	385	--	119	0.0	369
04/13/04	56	44	17	12.5	224	--	40	6.6	376
04/13/04	190	110	72	79	398	--	116	0.0	376
04/14/04	88	0.0	31	0.0	210	--	28	4.7	381
04/14/04	207	58	53	0	335	--	84	0.0	381
04/15/04	51	0.0	11	0.0	--	17	12	1.9	383
04/15/04	85	39	22	13	--	17	39	0.0	383
04/16/04	55	12	19	10	--	19	21	3.3	386
04/16/04	93	48	48	108	--	15	54	0.0	386
04/19/04	39	24	24	23	--	6.0	25	11.8	398
04/20/04	112	25	21	47	--	9.0	37	5.8	403
04/21/04	92	22	17	45	--	9.0	31	4.9	408
04/22/04	130	22	23	20	--	20	38	6.1	414
04/23/04	119	24	19	53	--	11	37	5.8	420
04/26/04	121	21	25	30	--	18	37	17.7	438
04/27/04	105	20	20	43	--	8.0	33	5.2	443
04/28/04	17	6.9	5.2	17	--	2.2	7.9	1.2	444
04/28/04	43	28	20	40	--	5.0	27	0.0	444

Table 4
PID Readings for SVE System Inflow
NYSDEC Spill No. 0375504, North Tonawanda, New York

Date	PID Reading (ppmv)							VOC Mass Removed (lbs)	Cumulative VOC Mass Removed (lbs)
	Riser 1	Riser 2	Riser 3	Riser 4	Riser 5	Riser 6	Composite System		
04/29/04	13	12	14	14	--	2.1	12	1.9	446
04/29/04	27	26	18	34	--	3.0	22	0.0	446
04/30/04	60	18	18	40	--	7.0	24	3.8	450
05/03/04	87	15	17	23	--	8.0	26	12.4	462
05/04/04	17	4.6	2.1	1.1	--	0.2	5.4	0.8	463
05/06/04	36	23	13	39	--	4.5	21	6.7	470
05/07/04	33	21	14	38	--	13	21	3.2	473
05/08/04	80	15	13	35	--	18	25	3.9	477
05/10/04	65	12	12	16	--	14	20	6.4	483
05/11/04	62	10	11	22	--	17	19	3.0	486
05/12/04	59	8	9	19	--	13	17	2.6	489
05/13/04	6.1	1.5	1.7	1.6	--	14	3.1	0.5	490
05/13/04	13	6	4	4	--	19	7.2	0.0	490
05/14/04	24	15	10	14	--	28	16	2.5	492
05/25/04	21	0.0	0.0	7.4	--	0.0	3.4	5.9	498
05/26/04	27	0.0	0.0	32	--	0.0	5.0	0.8	499
05/27/04	43	7.1	5.4	36	--	7.6	13	2.0	501
05/28/04	7.1	1.8	1.1	18	--	0.8	2.7	0.4	501
05/28/04	52	7.3	4.2	29	--	7.4	14	0.0	501
06/01/04	2.4	0.3	0.0	2.5	--	1.1	0.6	0.4	501
06/01/04	51	6.3	3.8	23	--	7.6	13	0.0	501
06/02/04	22	1.4	1.0	2.2	--	1.8	4.5	0.7	502
06/02/04	47	6.3	3.4	20	--	2.7	12	0.0	502
06/03/04	21	1.7	0.9	1.8	--	2.0	4.4	0.7	503
06/03/04	31	5.0	2.4	17	--	2.1	8.3	0.0	503
06/04/04	3.8	0.4	0.7	1.7	--	0.5	1.0	0.2	503
06/04/04	44	7.5	5.1	20	--	3.1	12	0.0	503
06/07/04	3.0	1.1	1.0	0.6	--	0.5	1.3	0.6	504
06/07/04	53	6.3	3.9	18	--	2.9	13	0.0	504

Table 4
PID Readings for SVE System Inflow
NYSDEC Spill No. 0375504, North Tonawanda, New York

Date	PID Reading (ppmv)							VOC Mass Removed (lbs)	Cumulative VOC Mass Removed (lbs)
	Riser 1	Riser 2	Riser 3	Riser 4	Riser 5	Riser 6	Composite System		
06/08/04	3.0	1.4	1.0	1.3	--	0.6	1.5	0.2	504
06/09/04	2.9	1.3	1.4	0.9	--	1.4	1.6	0.2	504
06/09/04	19	0	0	7.8	--	0.0	3.1	0.0	504
06/10/04	2.7	2.4	1.0	1.0	--	1.0	1.9	0.3	504
06/11/04	5.8	0.5	0.9	1.2	--	0.2	1.4	0.2	505
06/14/04	15	3.2	3.1	4.0	--	2.8	4.9	2.3	507
06/14/04	32	5.5	2.6	11	--	0.0	8.4	0.0	507
06/15/04	14	2.9	2.9	6.5	--	3.3	4.6	0.7	508
06/16/04	5.1	3.0	1.0	3.2	--	3.1	2.7	0.4	508
06/16/04	35	6.7	3.8	14	--	2.9	10	0.0	508
06/17/04	3.5	1.8	2.0	2.1	--	1.6	2.1	0.3	508
06/18/04	4.7	2.8	2.5	4.8	--	3.0	3.1	0.5	509
06/18/04	39	7.2	3.9	15	--	5.3	11	0.0	509
06/21/04	2.7	3.8	2.9	4.7	--	3.3	3.4	1.6	511
06/21/04	32	4.2	2.1	11	--	0.0	7.6	0.0	511
06/22/04	3.4	1.8	2.3	2.3	--	1.6	2.2	0.3	511
06/23/04	11	1.8	0.9	6.5	--	2.3	3.1	0.5	511
06/24/04	2.7	3.2	2.0	5.1	--	1.6	2.7	0.4	512
06/24/04	26	2.9	0.5	8.3	--	0.0	5.6	0.0	512
06/25/04	3.0	2.5	2.1	4.8	--	2.1	2.5	0.4	512
06/30/04	15	0	0	0	--	0.0	3.0	0.6	513
07/02/04	21	2.3	1.1	4	--	2.5	4.8	0.4	513
07/06/04	20	4.4	2.9	5.5	--	6.0	6.4	1.0	514
07/09/04	14	0	1.5	4.2	--	3.7	2.9	0.3	515
07/12/04	9.3	0	0	1.1	--	0.7	1.5	0.2	515
07/13/04	13	1.2	1.2	2.8	--	3.1	3.1	0.1	515
07/15/04	15	0	0.3	3.1	--	3.8	2.7	0.2	515

Table 4
PID Readings for SVE System Inflow
NYSDEC Spill No. 0375504, North Tonawanda, New York

Date	PID Reading (ppmv)							VOC Mass Removed (lbs)	Cumulative VOC Mass Removed (lbs)
	Riser 1	Riser 2	Riser 3	Riser 4	Riser 5	Riser 6	Composite System		
07/19/04	16	0	0	0.9	--	4.9	2.8	0.4	515
07/21/04	5.9	0	0	0	--	0.0	0.9	0.1	516
07/23/04	10	0	1	5.7	--	5.4	2.4	0.2	516
07/26/04	9.9	2.2	3.5	5.5	--	4.9	4.0	0.5	516
07/30/04	3.9	0	0	0.3	--	0.9	0.7	0.1	516
08/02/04	4.1	0	0	0	--	1.1	0.7	0.1	516
08/05/04	4.0	0	0	0	--	0.0	0.6	0.1	516
08/10/04	2.5	0	0	0	--	0.0	0.4	0.1	517
08/12/04	4.5	0	0	0	--	0.0	0.7	0.1	517
08/16/04	2.5	0	0	0.6	--	7.3	0.9	0.1	517
08/25/04	0.0	0	0	1.9	--	4.3	0.3	0.1	517
09/02/04	0.0	0	0	0	--	0.0	0.1	0.0	517
09/09/04	10	0	3.5	3.9	--	0.9	2.7	0.8	518
09/14/04	1.6	1.6	3.4	6.7	--	7.4	2.7	0.5	518
09/30/04	0.0	0	0	0	--	0.0	0.1	0.1	518
11/01/04	0.0	0	0	0	--	0.0	0.1	0.1	518
11/09/04	0.0	0	0	0	--	0.0	0.1	0.0	518

Notes:

1. *PID readings include those by BOSAG representatives and NYSDEC.*
2. *The "Composite System" concentration is a calculated values based on the readings at the individual risers and the contribution of each riser to the total air flow (see Table 3).*
3. *VOC mass removal rates based on PID readings and the air flow measurements listed in Table 3.*

Table 5
Results of Air Monitoring, SVE System Intake Manifold
NYSDEC Spill No. 0375504, North Tonawanda, New York

Constituent	Response Status and Date of Sampling	
	Prior to Changeout of Temporary System	Closeout Sampling
	06/03/04	10/20/04
Acetone	NA	0.30 U
Benzene	**5.3**	**0.55**
Bromodichloromethane	NA	0.15 U
Carbon disulfide	NA	**1.2**
Chloroform	5.0 U	0.15 U
Cyclohexane	NA	**0.85**
1,4-Dichlorobenzene	5.0 U	0.15 U
1,2-Dichloroethane	5.0 U	**0.15**
Cis-1,2-Dichloroethylene	5.0 U	0.15 U
Trans-1-2-Dichloroethylene	NA	0.15 U
Ethylbenzene	5.0 U	**0.20**
4-Ethyltoluene	NA	**0.15**
Freon 11	5.0 U	0.15 U
Freon 12	5.0 U	**0.49**
Heptane	NA	0.15 U
Hexane	NA	0.15 U
Isopropyl alcohol	NA	0.15 U
Methyl isobutyl ketone	NA	0.30 U
Methylene chloride	5.0 U	0.15 U
Styrene	5.0 U	0.15 U
Tetrachloroethylene	5.0 U	**0.18**
Toluene	**22**	**2.3**
1,1,1-Trichloroethane	5.0 U	0.15 U
Trichloroethylene	5.0 U	0.15 U
1,2,4-Trimethylbenzene	**76**	**0.54**
1,3,5-Trimethylbenzene	**61**	0.15 U
2,2,4-Trimethylpentane	NA	0.15 U
Vinyl chloride	NA	0.15 U
m-Xylene	**57**	**0.60**
o-Xylene	**59**	**0.32**
p-Xylene	**35**	**0.24**

Note:
All concentrations reported in units of parts per billion by volume (ppbv).

Data Legend:
*For clarity, all detected constituent concentrations are shown in **bold-face** type.*
U - constituent not detected at the Reporting Limit.
NA - constituent not analyzed.

Table 6
Results of Indoor Air Quality Monitoring
First-Floor Ambient Air Samples, 88 Robinson Street
NYSDEC Spill No. 0375504, North Tonawanda, New York

Constituent	Response Status and Date of Sampling	
	SVE System Operating	Closeout Sampling
	03/19/04	12/13/04
Acetone	**23**	0.30 U
Benzene	5.0 U	**0.19**
Bromodichloromethane	5.0 U	0.15 U
Carbon disulfide	5.0 U	0.15 U
Chloroform	5.0 U	0.15 U
Cyclohexane	**16**	0.15 U
1,4-Dichlorobenzene	5.0 U	0.15 U
1,2-Dichloroethane	5.0 U	0.15 U
Cis-1,2-Dichloroethylene	5.0 U	**0.27**
Trans-1-2-Dichloroethylene	5.0 U	0.15 U
Ethylbenzene	5.0 U	0.15 U
4-Ethyltoluene	5.0 U	0.15 U
Freon 11	5.0 U	**0.40**
Freon 12	5.0 U	**0.45**
Heptane	**16**	0.15 U
Hexane	**32**	**0.45**
Isopropyl alcohol	5.0 U	0.15 U
Methyl isobutyl ketone	5.0 U	0.30 U
Methylene chloride	5.0 U	0.15 U
Styrene	5.0 U	0.15 U
Tetrachloroethylene	5.0 U	**0.53**
Toluene	**12**	**1.1**
1,1,1-Trichloroethane	5.0 U	0.15 U
Trichloroethylene	5.0 U	0.15 U
1,2,4-Trimethylbenzene	5.0 U	**0.30**
1,3,5-Trimethylbenzene	5.0 U	0.15 U

Table 6
Results of Indoor Air Quality Monitoring
First-Floor Ambient Air Samples, 88 Robinson Street
NYSDEC Spill No. 0375504, North Tonawanda, New York

Constituent	Response Status and Date of Sampling	
	SVE System Operating	Closeout Sampling
	03/19/04	12/13/04
2,2,4-Trimethylpentane	5.0 U	0.15 U
Vinyl chloride	5.0 U	0.15 U
m-Xylene	**6.2**	**0.24**
o-Xylene	5.0 U	**0.1 J**
p-Xylene	5.0 U	0.15 U

Note:
All concentrations reported in units of parts per billion by volume (ppbv).

Data Legend:
For clarity, all detected constituent concentrations are shown in ***bold-face*** *type.*
U - constituent not detected at the Reporting Limit.
J - constituent detected below Reporting Limit but above Minimum Detection Limit.
NA - constituent not analyzed.

Table 7
Results of Delineation Soil Sampling
NYSDEC Spill No. 0375504, North Tonawanda, New York

Description		Concentration (µg/kg)				
		Benzene	Ethylbenzene	Toluene	o-xylene	m,p-xylenes
TAGM 4046 Soil Cleanup Objective		60	5,500	1,500	1,200	
Boring No.	Sample Depth (ft-bgs)					
BO-1	5	**2.4**	**1.5**	**6.8**	**2.9**	**7.4**
BO-2	4	**13**	**19**	**61**	**55**	**110**
BO-2	5	**9.5**	ND	**7.0**	ND	ND
BO-2	7	**2.1**	ND	**6.6**	ND	**11**
BO-4	4	ND	ND	ND	ND	ND
BO-7	4	**3.6**	**3.0**	**13**	**8.1**	**20.0**
BO-9	3	**200**	**150**	**520**	**180**	**630**
BO-10A	4	**52,000**	**33,000**	**130,000**	**54,000**	**150,000**
BO-12	4	21.0	18.0	78.0	47.0	97.0
BO-13	4	8.2	6.5	30.0	14.0	34.0
BO-16	4	ND	ND	7.6	6.1	9.2
BO-17	5	2.9	2.6	12.0	5.1	13.0
BO-17	7	ND	**330**	**320**	**6,100**	**11,000**
BO-17E	6.5	ND	ND	ND	ND	ND
BO-17N	6.5	ND	ND	**16 J**	**1,200 J**	**450 J**
BO-17S	6.5	ND	ND	ND	ND	ND
BO-17W	6.5	ND	**14 J**	**18 J**	**140 J**	**160 J**
BO-18	6	ND	**1.2**	**3.2**	**1.9**	**6.1**
BO-19	5	**52**	**22**	**150**	**68**	**160**
BO-21	6.5	ND	ND	**16 J**	**22 J**	**28 J**
BO-22	6.5	ND	ND	ND	ND	ND
BO-23	6.5	ND	ND	ND	**36 J**	**36 J**

Note:

All concentrations reported in units of micrograms per kilogram (ug/kg).

Data Legend:

*For clarity, all detected constituent concentrations are shown in **bold-face** type.*

Shaded values represent materials that were subsequently removed.

"ND" indicates constituent not detected at the Reporting Limit. Reporting Limits vary; see analytical laboratory reports in Appendix A.

J - constituent detected below Reporting Limit but above Minimum Detection Limit.

Table 8
Results of Confirmatory Soil Sampling
NYSDEC Spill No. 0375504, North Tonawanda, New York

Description		Concentration (µg/kg)				
		Benzene	Ethylbenzene	Toluene	o-xylene	m,p-xylenes
TAGM 4046 Soil Cleanup Objective		**60**	**5,500**	**1,500**	**1,200**	
Location	**Type**					
1-B	Discrete bottom	ND	ND	ND	ND	ND
1-E	Discrete wall	**210**	ND	220 J	72 J	220 J
1-E2	Discrete wall	ND	ND	18 J	12 J	26 J
1-N	Discrete wall	ND	ND	ND	ND	ND
1-S	Discrete wall	ND	ND	ND	ND	ND
1-W	Discrete wall	**140**	150 J	420 J	260 J	720 J
1-W2	Discrete wall	ND	ND	ND	ND	ND
2-B	Discrete bottom	51 J	85 J	200 J	160 J	440 J
2-WALL	Composite wall	ND	ND	ND	ND	ND
3-WALL	Discrete wall	**120**	570 J	790 J	**1,900**	**4,100**

Note:

All concentrations reported in units of micrograms per kilogram (ug/kg).

Data Legend:

For clarity, all detected constituent concentrations are shown in ***bold-face*** *type.*

Shaded values represent materials that were subsequently removed.

"ND" indicates constituent not detected at the Reporting Limit. Reporting Limits vary; see analytical laboratory reports in Appendix A.

J - constituent detected below Reporting Limit but above Minimum Detection Limit.

Table 9
Results of Soil Gas Monitoring
Basement Subslab Coreholes, 88 Robinson Street
NYSDEC Spill No. 0375504, North Tonawanda, New York

Constituent	Coring #1		Coring #2			Coring #3			Coring #4	
	10/20/04	12/13/04	05/24/04	10/20/04	12/13/04	05/24/04	10/20/04	12/13/04	10/20/04	12/13/04
Acetone	6.0 U	**3.7**	NA	**5.2**	0.30 U	NA	**8.6**	0.30 U	**7.6**	0.30 U
Benzene	**0.27**	**0.36**	**22**	**0.50**	**0.23**	5.0 U	**0.52**	**0.16**	**0.49**	**0.1 J**
Bromodichloromethane	0.15 U	0.15 U	NA	0.15 U	0.15 U	NA	0.15 U	**0.29**	0.15 U	0.15 U
Carbon disulfide	**1.1**	**0.35**	NA	**1.1**	0.15 U	NA	**1.2**	0.15 U	**1.0**	0.15 U
Chloroform	**0.76**	0.15 U	5.0 U	**0.25**	0.15 U	5.0 U	**0.15**	**0.99**	**0.76**	0.15 U
Cyclohexane	0.15 U	**0.26**	NA	**0.41**	0.15 U	NA	0.15 U	0.15 U	**0.48**	0.15 U
1,4-Dichlorobenzene	**0.31**	0.15 U	5.0 U	**1.5**	0.15 U	5.0 U	**0.90**	0.15 U	**1.6**	0.15 U
1,2-Dichloroethane	**0.15**	0.15 U	5.0 U	0.15 U	0.15 U	5.0 U	0.15 U	0.15 U	0.15 U	0.15 U
Cis-1,2-Dichloroethylene	**25**	0.15 U	5.0 U	**3.4**	0.15 U	5.0 U	**2.0**	**100**	**17**	**0.92**
Trans-1-2-Dichloroethylene	0.15 U	0.15 U	NA	0.15 U	0.15 U	5.0 U	0.15 U	**0.65**	0.15 U	0.15 U
Ethylbenzene	0.15 U	**1.4**	**22**	**0.21**	**1.2**	5.0 U	**0.25**	**1.0**	**0.19**	**1.1**
4-Ethyltoluene	0.15 U	**0.64**	NA	0.15 U	**0.35**	NA	0.15 U	0.15 U	0.15 U	**0.32**
Freon 11	**0.27**	**0.23**	5.0 U	**0.30**	**0.25**	5.0 U	**0.31**	**0.19**	**0.32**	**0.25**
Freon 12	**0.47**	**0.42**	5.0 U	**0.54**	**0.42**	5.0 U	**0.61**	**0.38**	**0.53**	**0.46**
Heptane	0.15 U	**0.46**	NA	**0.21**	**0.90**	NA	**0.33**	**0.82**	**0.16**	**0.41**
Hexane	**0.42**	**0.65**	NA	**0.78**	**1.1**	NA	**0.83**	**0.84**	**0.88**	**0.53**
Isopropyl alcohol	0.15 U	0.15 U	NA	0.15 U	0.15 U	NA	0.15 U	**0.23**	0.15 U	0.15 U
Methyl isobutyl ketone	0.30 U	0.15 U	NA	0.30 U	**0.73**	NA	0.30 U	**0.82**	0.30 U	0.30 U
Methylene chloride	0.15 U	**2.8**	5.0 U	0.15 U	**11**	5.0 U	0.15 U	**16**	0.15 U	**7.9**

Table 9
Results of Soil Gas Monitoring
Basement Subslab Coreholes, 88 Robinson Street
NYSDEC Spill No. 0375504, North Tonawanda, New York

Constituent	Coring #1		Coring #2			Coring #3			Coring #4	
	10/20/04	12/13/04	05/24/04	10/20/04	12/13/04	05/24/04	10/20/04	12/13/04	10/20/04	12/13/04
Styrene	0.15 U	**1.0**	5.0 U	0.15 U	**1.7**	**5.2**	0.15 U	**1.7**	0.15 U	**1.7**
Tetrachloroethylene	**1.2**	0.15 U	5.0 U	**0.36**	**0.17**	5.0 U	**0.21**	**0.90**	**1.6**	**0.17**
Toluene	**0.69**	**12**	**41**	**1.5**	**11**	**17**	**1.8**	**10**	**1.4**	**6.6**
1,1,1-Trichloroethane	**0.15**	0.15 U	5.0 U	0.15 U	0.15 U	5.0 U	0.15 U	0.15 U	0.15 U	0.15 U
Trichloroethylene	**1.5**	0.15 U	5.0 U	**0.48**	0.15 U	5.0 U	**0.26**	**5.1**	**3.7**	**0.17**
1,2,4-Trimethylbenzene	**0.24**	**2.0**	**5.8**	**0.53**	**1.2**	**6.2**	**0.50**	**0.97**	**0.25**	**0.97**
1,3,5-Trimethylbenzene	0.15 U	**0.66**	**8.2**	0.15 U	**0.34**	5.0 U	**0.17**	**0.41**	0.15 U	**0.29**
2,2,4-Trimethylpentane	0.15 U	**0.1 J**	NA	**0.19**	**0.26**	NA	**1.3**	**0.25**	0.15 U	0.15 U
Vinyl chloride	**0.20**	0.15 U	NA	**0.34**	0.15 U	NA	**0.28**	**0.72**	**0.44**	0.15 U
m-Xylene	**0.22**	**4.6**	**74**	**0.52**	**3.1**	**7.6**	**0.59**	**2.2**	**0.37**	**2.0**
o-Xylene	0.15 U	**1.6**	**45**	**0.29**	**0.84**	5.0 U	**0.32**	**0.70**	**0.23**	**0.79**
p-Xylene	0.15 U	**1.7**	**17**	**0.21**	**0.95**	5.0 U	**0.21**	**0.84**	**0.15**	**1.1**

Note:

All concentrations reported in units of parts per billion by volume (ppbv).

Data Legend:

*For clarity, all detected constituent concentrations are shown in **bold-face** type.*
U - constituent not detected at the Reporting Limit.
J - constituent detected below Reporting Limit but above Minimum Detection Limit.
NA - constituent not analyzed.

Table 10
Results of Subslab Soil Sampling
NYSDEC Spill No. 0375504, North Tonawanda, New York

Description	Concentration (µg/kg)				
	Benzene	**Ethylbenzene**	**Toluene**	**o-xylene**	**m,p-xylenes**
TAGM 4046 Soil Cleanup Objective	60	5,500	1,500	1,200	
Basement Core #1	39 J	55 J	ND	200 J	290 J
Basement Core #2	ND	37 J	23 J	230 J	250 J
Basement Core #3	**260 J**	1,900 J	**1,600 J**	**9,100 J**	**21,000**
Basement Core #4	18 J	31 J	140 J	500 J	650 J

Note:

All concentrations reported in units of micrograms per kilogram (ug/kg).

Data Legend:

*For clarity, all detected constituent concentrations are shown in **bold-face** type.*

Shaded values represent materials that were subsequently removed.

"ND" indicates constituent not detected at the Reporting Limit. Reporting Limits vary; see analytical laboratory reports in Appendix A.

J - constituent detected below Reporting Limit but above Minimum Detection Limit.

FIGURES

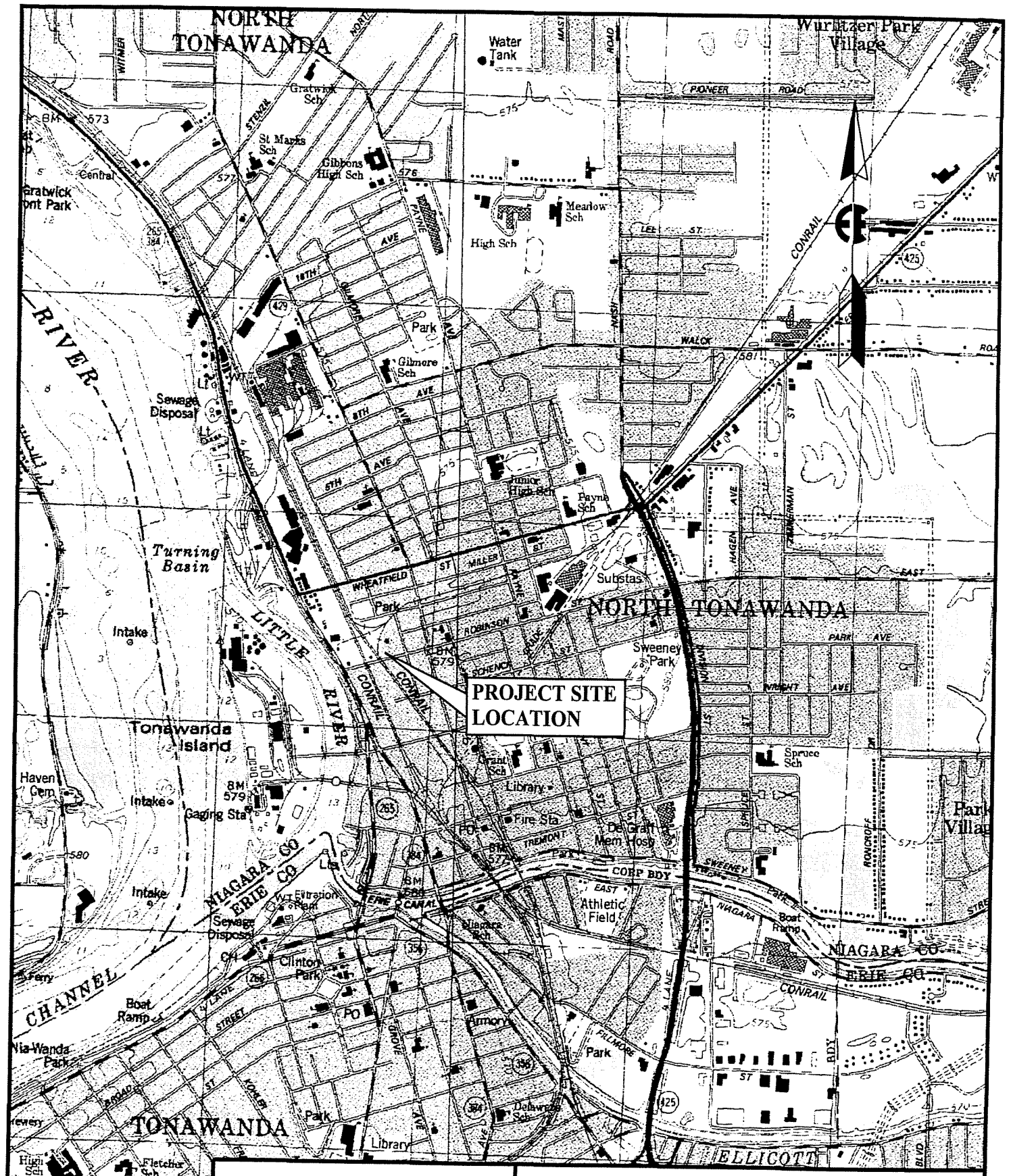


FIGURE 1

SITE LOCATION MAP

SCALE: 1"=2,000'

DATE: 2/1/2005

COMPLETION REPORT
N.Y.S.D.E.C. SPILL NO. 0375504

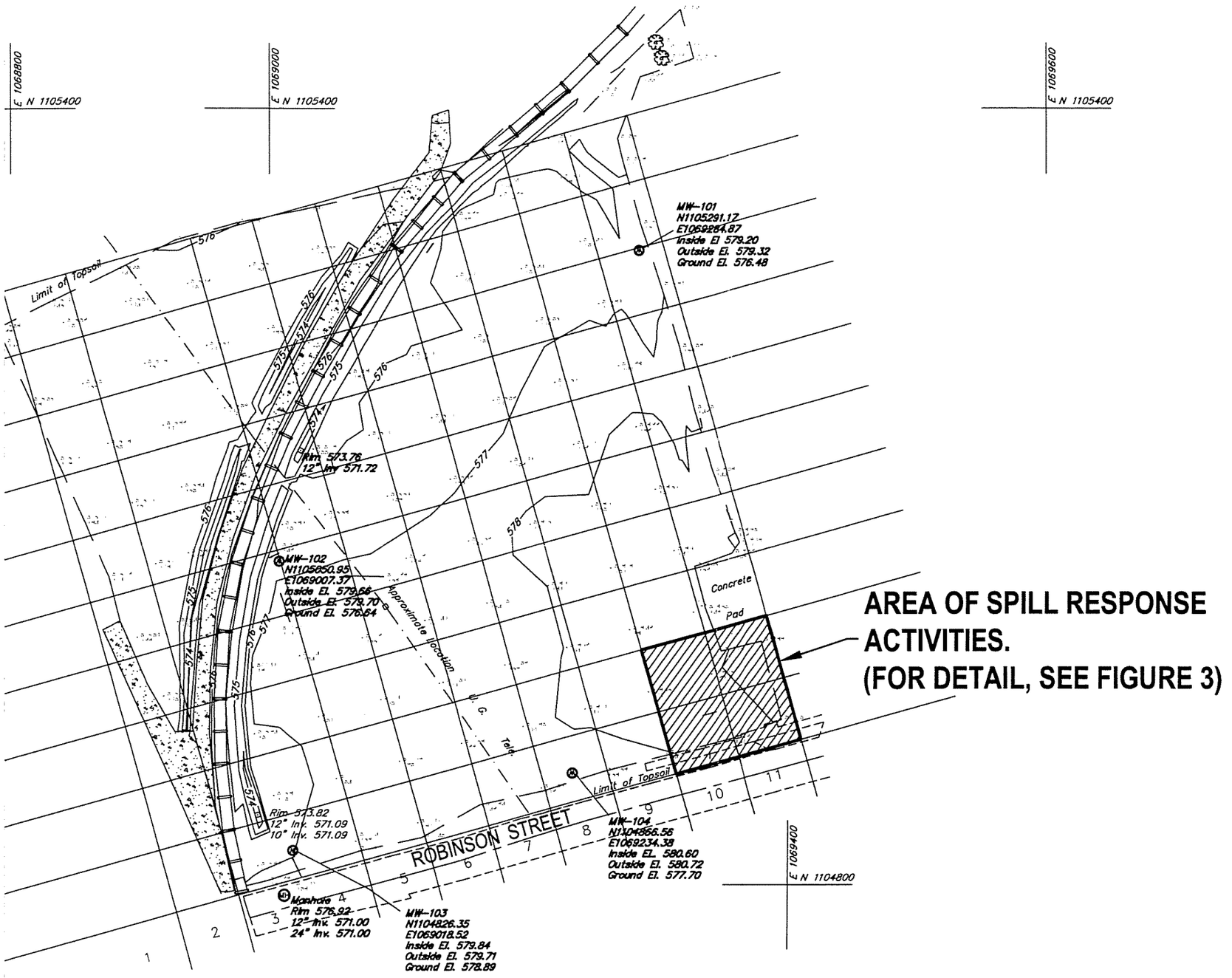
NORTH TONAWANDA, NEW YORK

FAGAN ENGINEERS

Environmental Consultants

Drawing Name: 4023-a.dwg Project Number: 2004.023

.VEYING, L.L.C.

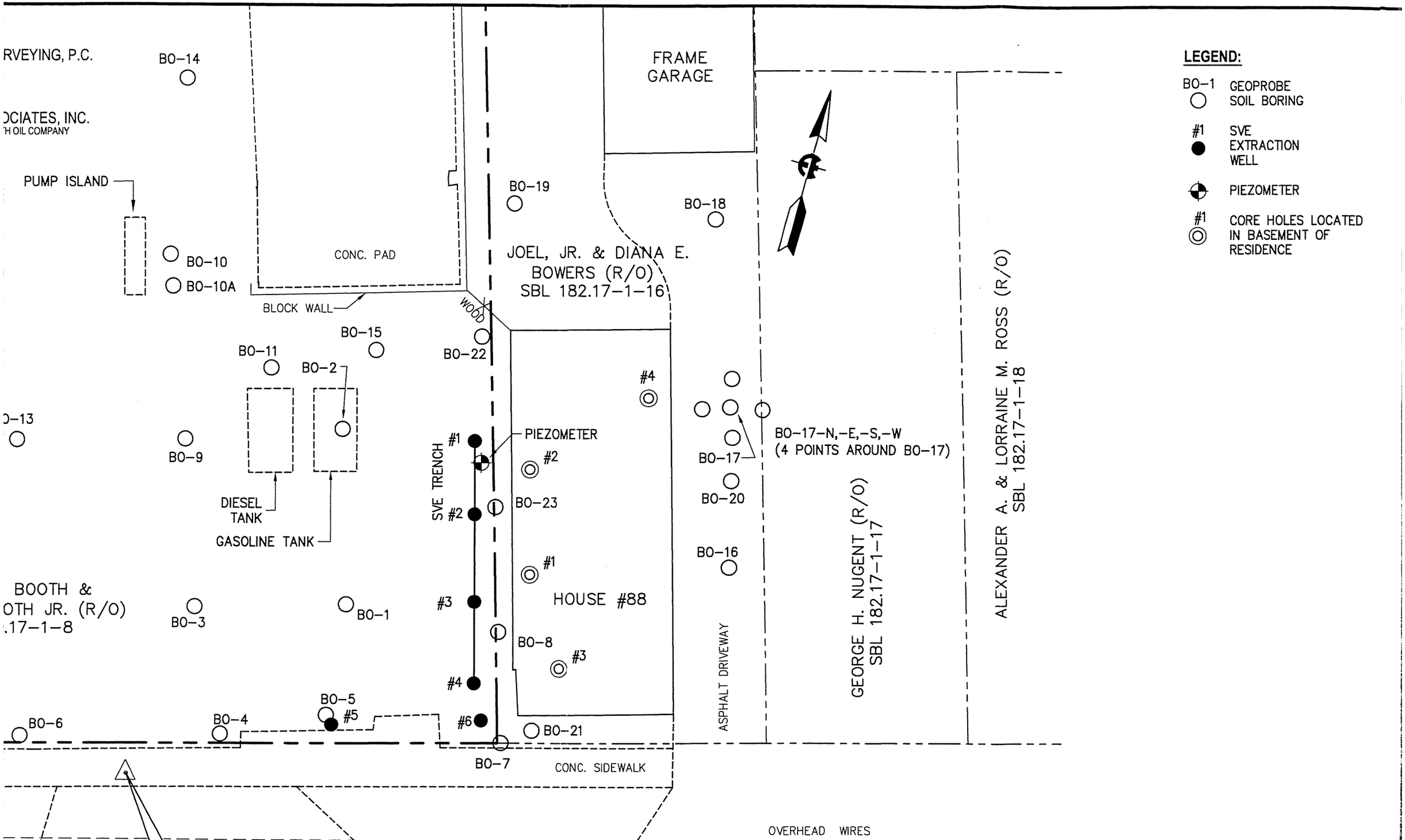


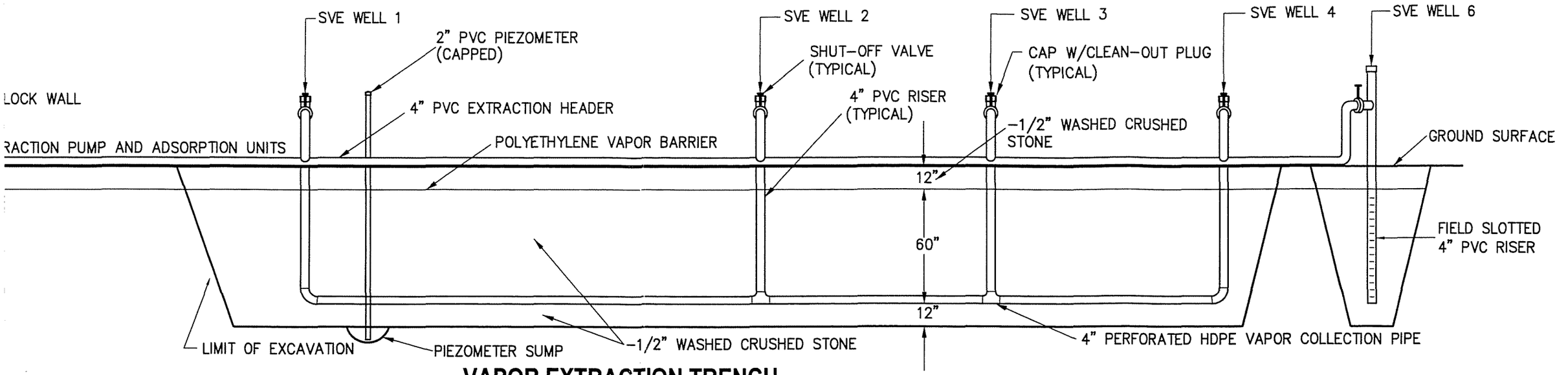
Legend:
- Point of Measurement
- Elevation of Topsoil
- Depth of Topsoil
- Stone Roadway
- Railroad Tracks
- 576 Contour Line
- Limit of Topsoil Placement
- Catch Basin

AREA OF SPILL RESPONSE ACTIVITIES.
(FOR DETAIL, SEE FIGURE 3)

North

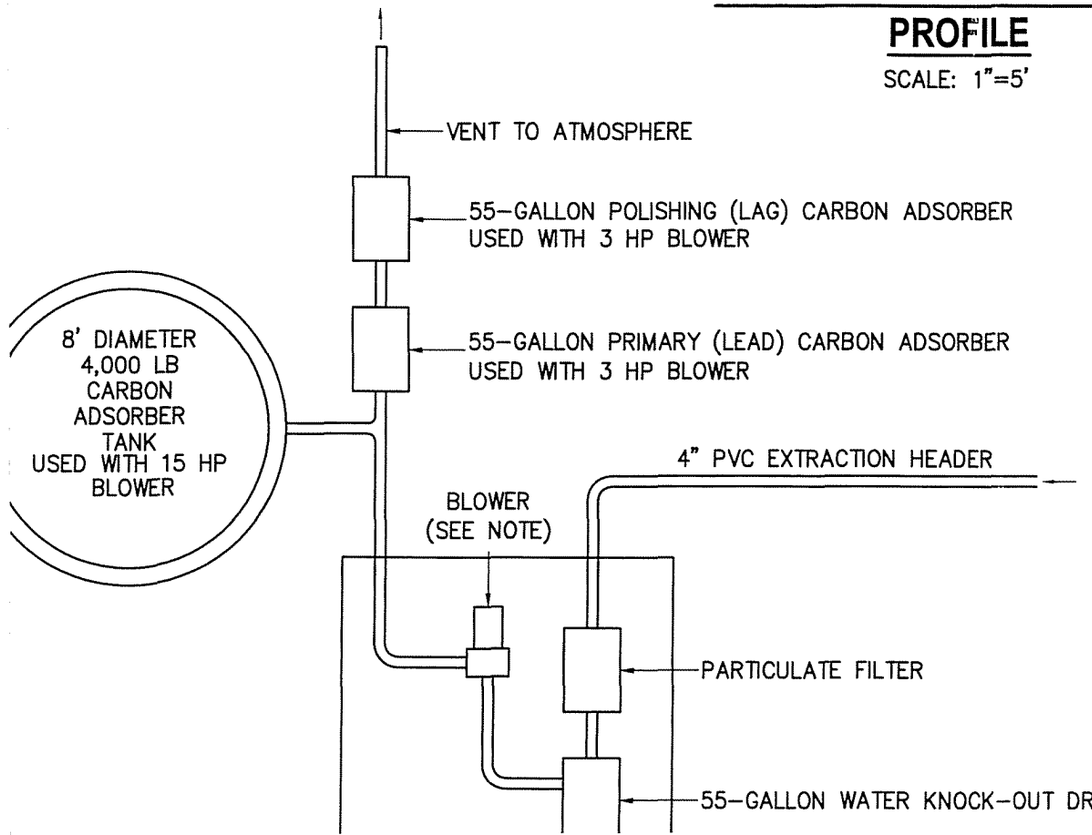
~Note~
Elevations shown refer to NAVD 88 vertical datum.
Grid shown as provided by contractor.
New York State Plane Horizontal Coordinates shown refer to NAD 83 (1984) NYS West Zone.
Alterations or additions to a survey bearing a licensed surveyors signature or seal, is illegal.

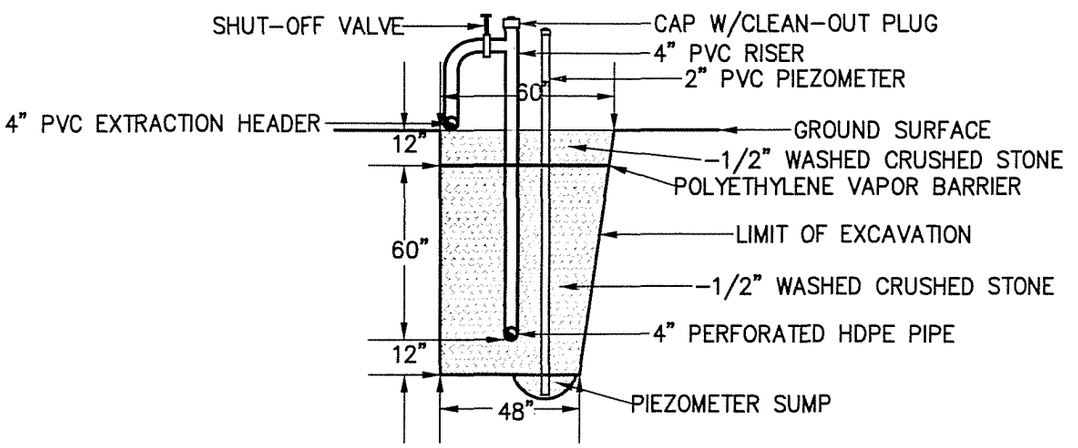

RVEYING, P.C.
)CIATES, INC.
'H OIL COMPANY
BO-14
PUMP ISLAND
BO-10
BO-10A
CONC. PAD
BLOCK WALL
WOOD
BO-19
BO-18
FRAME GARAGE
JOEL, JR. & DIANA E. BOWERS (R/O) SBL 182.17-1-16
BO-15
BO-11
BO-2
BO-22
#4
)-13
BO-9
#1
PIEZOMETER
#2
SVE TRENCH
BO-23
DIESEL TANK
GASOLINE TANK
#2
BO-17-N,-E,-S,-W
(4 POINTS AROUND BO-17)
BO-17
BO-20
BO-16
#1
BOOTH &
OTH JR. (R/O)
.17-1-8
BO-3
BO-1
#3
HOUSE #88
BO-8
#3
#4
BO-5
#5
BO-6
BO-4
#6
BO-21
ASPHALT DRIVEWAY
GEORGE H. NUGENT (R/O) SBL 182.17-1-17
ALEXANDER A. & LORRAINE M. ROSS (R/O) SBL 182.17-1-18
BO-7
CONC. SIDEWALK
OVERHEAD WIRES
LEGEND:
BO-1 GEOPROBE SOIL BORING
#1 SVE EXTRACTION WELL
PIEZOMETER
#1 CORE HOLES LOCATED IN BASEMENT OF RESIDENCE



VAPOR EXTRACTION TRENCH PROFILE

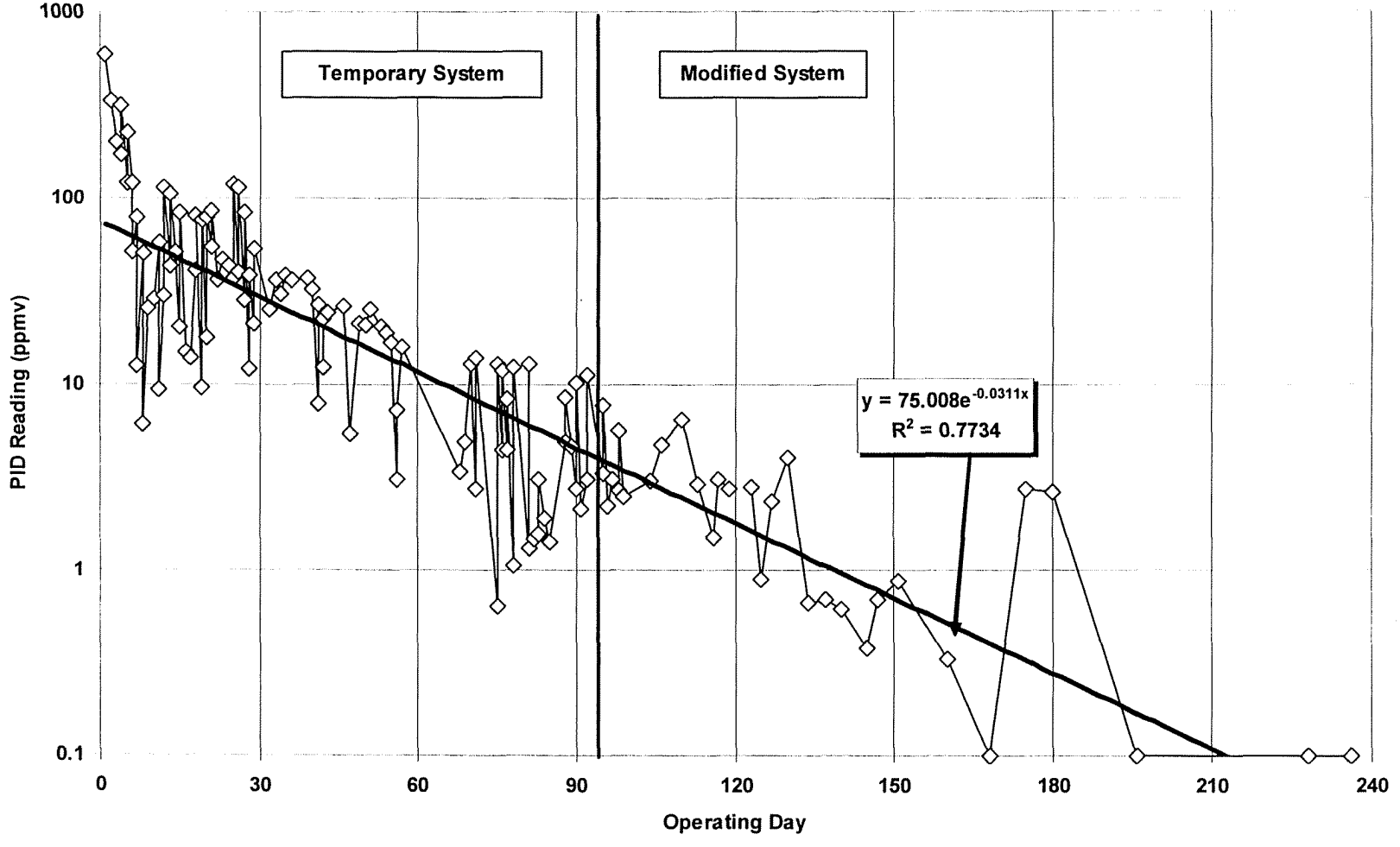
SCALE: 1"=5'





VAPOR EXTRACTION TRENCH CROSS-SECTION

SCALE: 1"=5'



NOTE:
Operating Day 1 = March 19, 2004

FIGURE 5

PID READINGS FOR SYSTEM INFLOW

SCALE = N/A

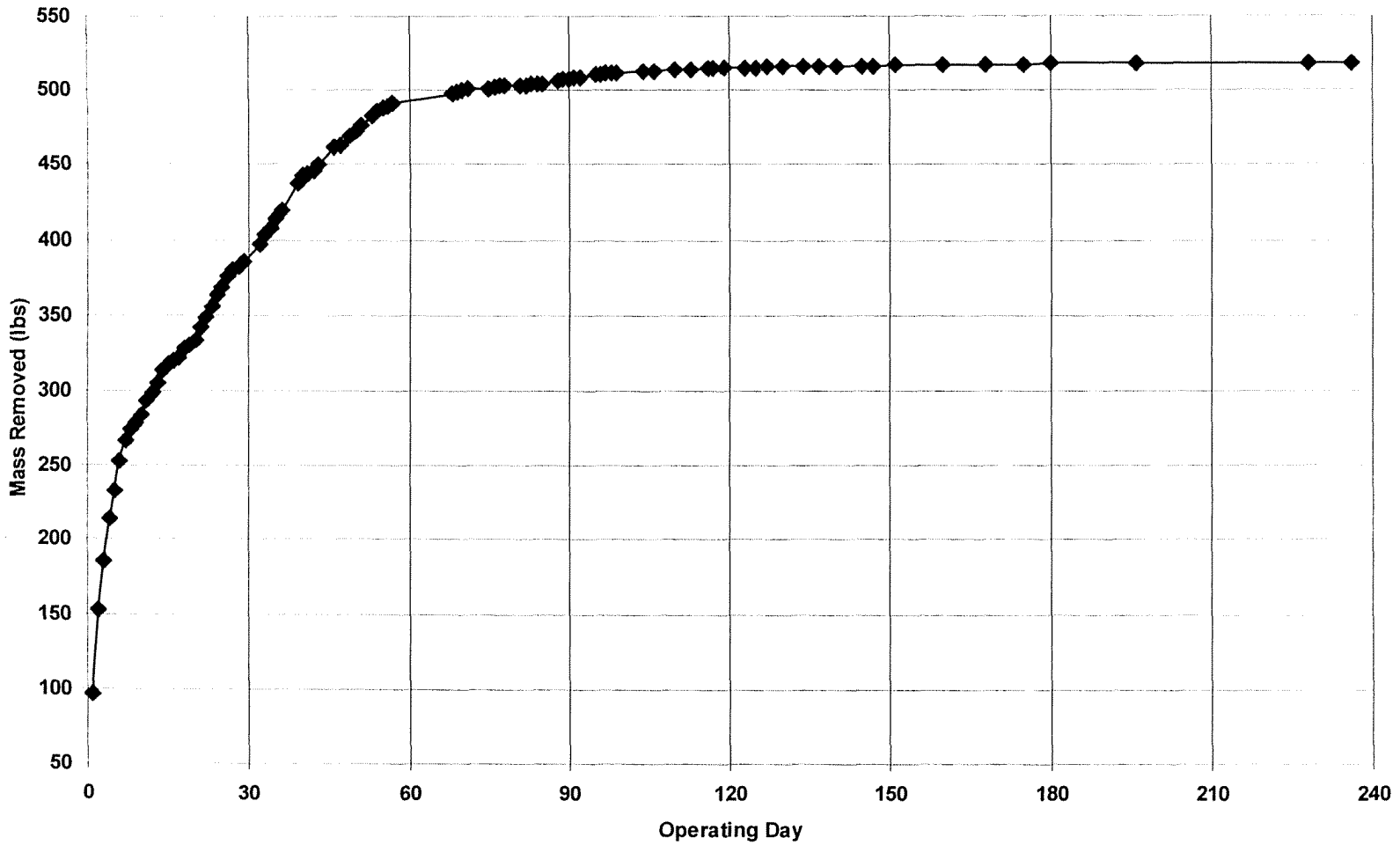
DATE: 2/1/2005

COMPLETION REPORT
N.Y.S.D.E.C. SPILL NO. 0375504

NORTH TONAWANDA, NEW YORK

FAGAN ENGINEERS
Environmental Consultants

Drawing Name: 4023-a.dwg Project Number: 2004.023



NOTES:

1. Operating Day 1 = March 19, 2004.
2. Mass removal calculated on basis of gasoline vapors at 2.95 mg/m3 = 1ppm.

FIGURE 6

VOC MASS REMOVAL BY SVE SYSTEM

SCALE = N/A

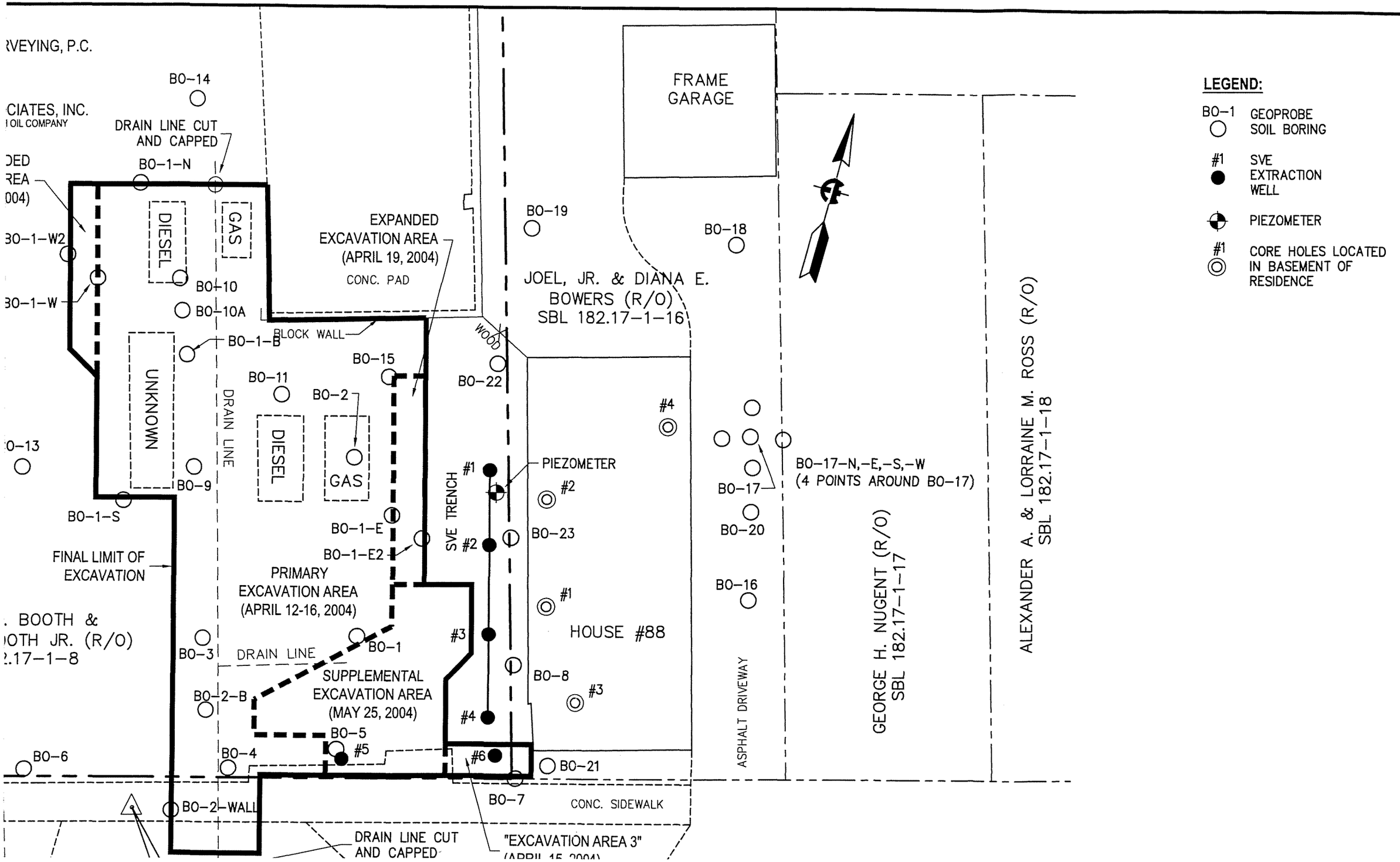
DATE: 2/1/2005

COMPLETION REPORT
N.Y.S.D.E.C. SPILL NO. 0375504

NORTH TONAWANDA, NEW YORK

FAGAN ENGINEERS
Environmental Consultants

Drawing Name: 4023-a.dwg Project Number: 2004.023


RVEYING, P.C.
CIATES, INC.
OIL COMPANY
DED
REA
004)
B0-14
DRAIN LINE CUT AND CAPPED
B0-1-N
B0-1-W2
B0-1-W
DIESEL
GAS
B0-10
B0-10A
EXPANDED EXCAVATION AREA (APRIL 19, 2004)
CONC. PAD
BLOCK WALL
B0-1-B
UNKNOWN
DRAIN LINE
B0-11
B0-2
B0-15
DIESEL
GAS
B0-9
B0-1-S
B0-1-E
B0-1-E2
FINAL LIMIT OF EXCAVATION
PRIMARY EXCAVATION AREA (APRIL 12-16, 2004)
SVE TRENCH
#1
#2
#3
#4
PIEZOMETER
B0-23
B0-8
B0-3
B0-1
DRAIN LINE
SUPPLEMENTAL EXCAVATION AREA (MAY 25, 2004)
B0-2-B
B0-5
#5
#6
B0-4
B0-6
B0-21
B0-7
CONC. SIDEWALK
B0-2-WALL
DRAIN LINE CUT AND CAPPED
"EXCAVATION AREA 3"
(APRIL 15, 2004)
B0-19
B0-18
B0-22
wood
JOEL, JR. & DIANA E. BOWERS (R/O) SBL 182.17-1-16
#4
#1
HOUSE #88
#3
B0-17-N,-E,-S,-W
(4 POINTS AROUND B0-17)
B0-17
B0-20
B0-16
ASPHALT DRIVEWAY
GEORGE H. NUGENT (R/O) SBL 182.17-1-17
ALEXANDER A. & LORRAINE M. ROSS (R/O) SBL 182.17-1-18
. BOOTH &
OTH JR. (R/O)
2.17-1-8
FRAME GARAGE
LEGEND:
B0-1 GEOPROBE SOIL BORING
#1 SVE EXTRACTION WELL
PIEZOMETER
#1 CORE HOLES LOCATED IN BASEMENT OF RESIDENCE

COMPLETION REPORT
NYSDEC SPILL NO. 0375504
NORTH TONAWANDA, NEW YORK

APPENDICES A THROUGH E

Prepared for
BOOTH OIL SITE ADMINISTRATIVE GROUP

February 25, 2005

Prepared by
LEO M. BRAUSCH, PROJECT COORDINATOR

And

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Patent Number 5,556,683

APPENDIX A
ANALYTICAL LABORATORY REPORTS

Analytical Laboratory Reports

Date of Sampling	Sample Medium	Sample Description/Location	Analytes	Laboratory	Laboratory Report No.
03/12/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0403008
03/15/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0403008
03/19/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0403015
03/19/04	Air	Ambient Air - First Floor at 88 Robinson Street	Airborne VOCs	Centek	C0403015
03/19/04	LNAPL	Standpipe in SVE trench	Total PCBs	STL-Buffalo	A04-2597
03/19/04	LNAPL	Standpipe in SVE trench	Petroleum Fingerprinting	STL-Buffalo	A04-2352
03/19/04	Aqueous	Standpipe in SVE trench	Total PCBs	STL-Buffalo	A04-2352
03/23/04	Soil	Geoprobe soil samples (15)	BTEX	STL-Buffalo	A04-2426
03/23/04	Soil	Impacted soil (2)	Hazardous waste characteristics; total PCBs	STL-Buffalo	A04-2427
04/15/04	Soil	Confirmatory soil samples (5)	BTEX	STL-Buffalo	A04-3371
04/15/04	LNAPL	LNAPL in 16,000-gallon storage tank.	Flashpoint; total PCBs	STL-Buffalo	A04-3391
04/15/04	Water	Water in 16,000-gallon storage tank.	pH, reactivity, TCLP VOCs, TCLP metals	STL-Buffalo	A04-3391
04/16/05	Soil	Confirmatory soil samples (5)	BTEX	STL-Buffalo	A04-3422
04/19/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C040417
05/04/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0405005
05/24/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0405017
05/24/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0405017
05/24/04	Air	Subslab Soil Gas - 88 Robinson Street (2)	Airborne VOCs	Centek	C0405017
05/24/04	Soil	Subslab Soil - 88 Robinson Street (4)	BTEX	STL-Buffalo	A04-4886
05/24/04	Soil	Geoprobe soil samples (7)	BTEX	STL-Buffalo	A04-4886
06/03/04	Air	SVE System Air Intake	Airborne VOCs	Centek	C0406006

Analytical Laboratory Reports

Date of Sampling	Sample Medium	Sample Description/Location	Analytes	Laboratory	Laboratory Report No.
06/14/04	Waste	Spent carbon from vapor-phase adsorbers	pH, reactivity, full TCLP, total PCBs	STL-Pittsburgh	C4F150182
06/30/04	Water	Drummed water from SVE system	pH, reactivity, full TCLP, total PCBs	Waste Stream Technology, Inc.	4F30016
10/20/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0410022
10/20/04	Air	Subslab Soil Gas - 88 Robinson Street (4)	Airborne VOCs	Centek	C0410022
10/20/04	Air	SVE Intake Manifold	Airborne VOCs	Centek	C0410022
12/13/04	Air	Ambient Air - Basement 88 Robinson Street	Airborne VOCs	Centek	C0412013
12/13/04	Air	Ambient Air - First Floor at 88 Robinson Street	Airborne VOCs	Centek	C0412013
12/13/04	Air	Subslab Soil Gas - 88 Robinson Street (4)	Airborne VOCs	Centek	C0412013

Centek Laboratories, LLC

Date: *18-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Booth Oil - Basement
Lab Order:	C0403008	**Tag Number:**	13
Project:	Booth Oil	**Collection Date:**	3/12/2004
Lab ID:	C0403008-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	3/17/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	3/17/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	3/17/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	3/17/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	3/17/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	3/17/2004
1,2,4-Trimethylbenzene	520	300		ppbV	60	3/17/2004
1,2,4-Trimethylbenzene	ND	5.0		ppbV	1	3/17/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	3/17/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	3/17/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	3/17/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	3/17/2004
1,3,5-Trimethylbenzene	200	300	J	ppbV	60	3/17/2004
1,3-butadiene	ND	5.0		ppbV	1	3/17/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	3/17/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	3/17/2004
1,4-Dioxane	ND	5.0		ppbV	1	3/17/2004
2,2,4-trimethylpentane	ND	5.0		ppbV	1	3/17/2004
4-ethyltoluene	300	300	J	ppbV	60	3/17/2004
Acetone	ND	5.0		ppbV	1	3/17/2004
Allyl chloride	ND	5.0		ppbV	1	3/17/2004
Benzene	12000	2700		ppbV	540	3/17/2004
Benzyl chloride	ND	5.0		ppbV	1	3/17/2004
Bromodichloromethane	ND	5.0		ppbV	1	3/17/2004
Bromoform	ND	5.0		ppbV	1	3/17/2004
Bromomethane	ND	5.0		ppbV	1	3/17/2004
Carbon disulfide	ND	5.0		ppbV	1	3/17/2004
Carbon tetrachloride	ND	5.0		ppbV	1	3/17/2004
Chlorobenzene	ND	5.0		ppbV	1	3/17/2004
Chloroethane	ND	5.0		ppbV	1	3/17/2004
Chloroform	ND	5.0		ppbV	1	3/17/2004
Chloromethane	ND	5.0		ppbV	1	3/17/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	3/17/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	3/17/2004
Cyclohexane	19000	2700		ppbV	540	3/17/2004
Dibromochloromethane	ND	5.0		ppbV	1	3/17/2004
Ethyl acetate	ND	5.0		ppbV	1	3/17/2004
Ethylbenzene	890	300		ppbV	60	3/17/2004
Freon 11	ND	5.0		ppbV	1	3/17/2004
Freon 113	ND	5.0		ppbV	1	3/17/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *18-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Booth Oil - Basement
Lab Order:	C0403008	**Tag Number:**	13
Project:	Booth Oil	**Collection Date:**	3/12/2004
Lab ID:	C0403008-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
Freon 114	ND	5.0		ppbV	1	3/17/2004
Freon 12	ND	5.0		ppbV	1	3/17/2004
Heptane	13000	2700		ppbV	540	3/17/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	3/17/2004
Hexane	60000	2700		ppbV	540	3/17/2004
Isopropyl alcohol	ND	5.0		ppbV	1	3/17/2004
m-Xylene	2500	300		ppbV	60	3/17/2004
Methyl Butyl Ketone	ND	5.0		ppbV	1	3/17/2004
Methyl Ethyl Ketone	ND	5.0		ppbV	1	3/17/2004
Methyl Isobutyl Ketone	ND	5.0		ppbV	1	3/17/2004
Methyl tert-butyl ether	ND	5.0		ppbV	1	3/17/2004
Methylene chloride	ND	5.0		ppbV	1	3/17/2004
o-Xylene	1100	300		ppbV	60	3/17/2004
p-Xylene	920	300		ppbV	60	3/17/2004
Propylene	ND	5.0		ppbV	1	3/17/2004
Styrene	ND	5.0		ppbV	1	3/17/2004
Tetrachloroethylene	ND	5.0		ppbV	1	3/17/2004
Tetrahydrofuran	ND	5.0		ppbV	1	3/17/2004
Toluene	10000	2700		ppbV	540	3/17/2004
trans-1,2-Dichloroethene	ND	5.0		ppbV	1	3/17/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	3/17/2004
Trichloroethene	ND	5.0		ppbV	1	3/17/2004
Vinyl acetate	ND	5.0		ppbV	1	3/17/2004
Vinyl Bromide	ND	5.0		ppbV	1	3/17/2004
Vinyl chloride	ND	5.0		ppbV	1	3/17/2004
Surr: Bromofluorobenzene	113	87.8-104	S	%REC	1	3/17/2004
TIC: 3-Nonene, (E)-	140	0	JN	ppbV	1	3/17/2004
TIC: Benzene, 1-ethyl-2-methyl-	150	0	JN	ppbV	1	3/17/2004
TIC: Benzene, 1-ethyl-3-methyl-(18.14)	380	0	JN	ppbV	1	3/17/2004
TIC: Benzene, 1-ethyl-3-methyl-(19.04)	100	0	JN	ppbV	1	3/17/2004
TIC: Benzene, propyl-	150	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, 1,1,3-trimethyl-	190	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, 1,3-dimethyl-, cis-	810	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, 1,4-dimethyl-, trans-	390	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, dimethyl-(isomer)	220	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, ethyl-	200	0	JN	ppbV	1	3/17/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *18-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Booth Oil - Basement
Lab Order:	C0403008	**Tag Number:**	13
Project:	Booth Oil	**Collection Date:**	3/12/2004
Lab ID:	C0403008-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
TIC: Cyclohexane,-dimethyl-(isomer)	340	0	JN	ppbV	1	3/17/2004
TIC: Cyclopentane, 1-ethyl-3-methyl-	300	0	JN	ppbV	1	3/17/2004
TIC: Cyclopentane, propyl-	110	0	JN	ppbV	1	3/17/2004
TIC: Cyclopropane, 1,2-dimethyl-, trans	260	0	JN	ppbV	1	3/17/2004
TIC: Cyclotetrasiloxane, octamethyl-	110	0	JN	ppbV	1	3/17/2004
TIC: Heptane, 2,4-dimethyl-	200	0	JN	ppbV	1	3/17/2004
TIC: Heptane, 2,5-dimethyl-	190	0	JN	ppbV	1	3/17/2004
TIC: Heptane, 2,6-dimethyl-	210	0	JN	ppbV	1	3/17/2004
TIC: Heptane, 2-methyl-	820	0	JN	ppbV	1	3/17/2004
TIC: Nonane	220	0	JN	ppbV	1	3/17/2004
TIC: Octane, 2,6-dimethyl-	97	0	JN	ppbV	1	3/17/2004
TIC: Octane, 4-methyl-	140	0	JN	ppbV	1	3/17/2004
TIC: Pentane, 3-ethyl-2-methyl-	320	0	JN	ppbV	1	3/17/2004
TIC: unknown alkane (14.97)	280	0	JN	ppbV	1	3/17/2004
TIC: unknown alkane (16.9)	100	0	JN	ppbV	1	3/17/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *18-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	3/15/04 Basement
Lab Order:	C0403008	**Tag Number:**	38
Project:	Booth Oil	**Collection Date:**	3/15/2004
Lab ID:	C0403008-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	3/17/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	3/17/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	3/17/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	3/17/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	3/17/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	3/17/2004
1,2,4-Trimethylbenzene	ND	5.0		ppbV	1	3/17/2004
1,2,4-Trimethylbenzene	390	50		ppbV	10	3/17/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	3/17/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	3/17/2004
1,2-Dichloroethane	59	5.0		ppbV	1	3/17/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	3/17/2004
1,3,5-Trimethylbenzene	160	50		ppbV	10	3/17/2004
1,3-butadiene	ND	5.0		ppbV	1	3/17/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	3/17/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	3/17/2004
1,4-Dioxane	ND	5.0		ppbV	1	3/17/2004
2,2,4-trimethylpentane	ND	5.0		ppbV	1	3/17/2004
4-ethyltoluene	210	50		ppbV	10	3/17/2004
Acetone	ND	5.0		ppbV	1	3/17/2004
Allyl chloride	ND	5.0		ppbV	1	3/17/2004
Benzene	2300	300		ppbV	60	3/17/2004
Benzyl chloride	ND	5.0		ppbV	1	3/17/2004
Bromodichloromethane	ND	5.0		ppbV	1	3/17/2004
Bromoform	ND	5.0		ppbV	1	3/17/2004
Bromomethane	ND	5.0		ppbV	1	3/17/2004
Carbon disulfide	ND	5.0		ppbV	1	3/17/2004
Carbon tetrachloride	ND	5.0		ppbV	1	3/17/2004
Chlorobenzene	ND	5.0		ppbV	1	3/17/2004
Chloroethane	ND	5.0		ppbV	1	3/17/2004
Chloroform	ND	5.0		ppbV	1	3/17/2004
Chloromethane	ND	5.0		ppbV	1	3/17/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	3/17/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	3/17/2004
Cyclohexane	3800	300		ppbV	60	3/17/2004
Dibromochloromethane	ND	5.0		ppbV	1	3/17/2004
Ethyl acetate	ND	5.0		ppbV	1	3/17/2004
Ethylbenzene	430	50		ppbV	10	3/17/2004
Freon 11	ND	5.0		ppbV	1	3/17/2004
Freon 113	ND	5.0		ppbV	1	3/17/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *18-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	3/15/04 Basement
Lab Order:	C0403008	**Tag Number:**	38
Project:	Booth Oil	**Collection Date:**	3/15/2004
Lab ID:	C0403008-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
Freon 114	ND	5.0		ppbV	1	3/17/2004
Freon 12	ND	5.0		ppbV	1	3/17/2004
Heptane	3400	300		ppbV	60	3/17/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	3/17/2004
Hexane	11000	900		ppbV	180	3/17/2004
Isopropyl alcohol	ND	5.0		ppbV	1	3/17/2004
m-Xylene	990	50		ppbV	10	3/17/2004
Methyl Butyl Ketone	ND	5.0		ppbV	1	3/17/2004
Methyl Ethyl Ketone	ND	5.0		ppbV	1	3/17/2004
Methyl Isobutyl Ketone	ND	5.0		ppbV	1	3/17/2004
Methyl tert-butyl ether	ND	5.0		ppbV	1	3/17/2004
Methylene chloride	ND	5.0		ppbV	1	3/17/2004
o-Xylene	630	50		ppbV	10	3/17/2004
p-Xylene	700	50		ppbV	10	3/17/2004
Propylene	ND	5.0		ppbV	1	3/17/2004
Styrene	ND	5.0		ppbV	1	3/17/2004
Tetrachloroethylene	ND	5.0		ppbV	1	3/17/2004
Tetrahydrofuran	ND	5.0		ppbV	1	3/17/2004
Toluene	3000	300		ppbV	60	3/17/2004
trans-1,2-Dichloroethene	ND	5.0		ppbV	1	3/17/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	3/17/2004
Trichloroethene	ND	5.0		ppbV	1	3/17/2004
Vinyl acetate	ND	5.0		ppbV	1	3/17/2004
Vinyl Bromide	ND	5.0		ppbV	1	3/17/2004
Vinyl chloride	ND	5.0		ppbV	1	3/17/2004
Surr: Bromofluorobenzene	104	87.8-104	S	%REC	1	3/17/2004
TIC: Benzene, 1-ethyl-2-methyl-	180	0	JN	ppbV	1	3/17/2004
TIC: Benzene, 1-ethyl-3-methyl-	460	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, -dimethyl-(Isomer)	280	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, 1,1,3-trimethyl-	190	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, 1,3-dimethyl-, cis-	700	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, 1,4-dimethyl-, trans-	330	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, ethyl-	190	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane, methyl-	620	0	JN	ppbV	1	3/17/2004
TIC: Cyclohexane,dimethyl-(isomer)	300	0	JN	ppbV	1	3/17/2004
TIC: Cyclopentane, 1,3-dimethyl-	380	0	JN	ppbV	1	3/17/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *18-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	3/15/04 Basement
Lab Order:	C0403008	**Tag Number:**	38
Project:	*Booth Oil*	**Collection Date:**	3/15/2004
Lab ID:	C0403008-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
TIC: Cyclopentane, 1,3-dimethyl-, cis-	310	0	JN	ppbV	1	3/17/2004
TIC: Cyclopentane, 1-ethyl-3-methyl-	250	0	JN	ppbV	1	3/17/2004
TIC: Cyclopentene, 4-methyl-	230	0	JN	ppbV	1	3/17/2004
TIC: Heptane, 2,5-dimethyl-	200	0	JN	ppbV	1	3/17/2004
TIC: Heptane, 2,6-dimethyl-	210	0	JN	ppbV	1	3/17/2004
TIC: Heptane, 2-methyl-	1100	0	JN	ppbV	1	3/17/2004
TIC: Hexane, 2,3-dimethyl-	280	0	JN	ppbV	1	3/17/2004
TIC: Hexane, 3-methyl-	420	0	JN	ppbV	1	3/17/2004
TIC: Isopropylcyclobutane	340	0	JN	ppbV	1	3/17/2004
TIC: Nonane	250	0	JN	ppbV	1	3/17/2004
TIC: Nonane, 3-methylene-	200	0	JN	ppbV	1	3/17/2004
TIC: Octane	590	0	JN	ppbV	1	3/17/2004
TIC: Pentane, 2,3-dimethyl-	250	0	JN	ppbV	1	3/17/2004
TIC: Pentane, 2-methyl-	220	0	JN	ppbV	1	3/17/2004
TIC: unknown hydrocarbon	460	0	JN	ppbV	1	3/17/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *22-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Booth Oil - BM 31904
Lab Order:	C0403015	**Tag Number:**	33
Project:	*Booth Oil*	**Collection Date:**	3/19/2004
Lab ID:	C0403015-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuume Reading "Hg	0			"Hg		3/19/2004
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	3/22/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	3/22/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	3/22/2004
1,1-*Dichloroethane*	ND	5.0		ppbV	1	3/22/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	3/22/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	3/22/2004
1,2,4-Trimethylbenzene	9.3	5.0		ppbV	1	3/22/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	3/22/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	3/22/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	3/22/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	3/22/2004
1,3,5-Trimethylbenzene	ND	5.0		ppbV	1	3/22/2004
1,3-butadiene	ND	5.0		ppbV	1	3/22/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	3/22/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	3/22/2004
1,4-Dioxane	ND	5.0		ppbV	1	3/22/2004
2,2,4-trimethylpentane	ND	5.0		ppbV	1	3/22/2004
4-ethyltoluene	ND	5.0		ppbV	1	3/22/2004
Acetone	ND	5.0		ppbV	1	3/22/2004
Allyl chloride	ND	5.0		ppbV	1	3/22/2004
Benzene	9.0	5.0		ppbV	1	3/22/2004
Benzyl chloride	ND	5.0		ppbV	1	3/22/2004
Bromodichloromethane	ND	5.0		ppbV	1	3/22/2004
Bromoform	ND	5.0		ppbV	1	3/22/2004
Bromomethane	ND	5.0		ppbV	1	3/22/2004
Carbon disulfide	ND	5.0		ppbV	1	3/22/2004
Carbon tetrachloride	ND	5.0		ppbV	1	3/22/2004
Chlorobenzene	ND	5.0		ppbV	1	3/22/2004
Chloroethane	ND	5.0		ppbV	1	3/22/2004
Chloroform	ND	5.0		ppbV	1	3/22/2004
Chloromethane	ND	5.0		ppbV	1	3/22/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	3/22/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	3/22/2004
Cyclohexane	19	5.0		ppbV	1	3/22/2004
Dibromochloromethane	ND	5.0		ppbV	1	3/22/2004
Ethyl acetate	ND	5.0		ppbV	1	3/22/2004
Ethylbenzene	ND	5.0		ppbV	1	3/22/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *22-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Booth Oil - BM 31904
Lab Order:	C0403015	**Tag Number:**	33
Project:	Booth Oil	**Collection Date:**	3/19/2004
Lab ID:	C0403015-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
Freon 11	ND	5.0		ppbV	1	3/22/2004
Freon 113	ND	5.0		ppbV	1	3/22/2004
Freon 114	ND	5.0		ppbV	1	3/22/2004
Freon 12	ND	5.0		ppbV	1	3/22/2004
Heptane	16	5.0		ppbV	1	3/22/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	3/22/2004
Hexane	34	5.0		ppbV	1	3/22/2004
Isopropyl alcohol	ND	5.0		ppbV	1	3/22/2004
m-Xylene	13	5.0		ppbV	1	3/22/2004
Methyl Butyl Ketone	ND	5.0		ppbV	1	3/22/2004
Methyl Ethyl Ketone	ND	5.0		ppbV	1	3/22/2004
Methyl Isobutyl Ketone	ND	5.0		ppbV	1	3/22/2004
Methyl tert-butyl ether	ND	5.0		ppbV	1	3/22/2004
Methylene chloride	ND	5.0		ppbV	1	3/22/2004
o-Xylene	7.2	5.0		ppbV	1	3/22/2004
p-Xylene	6.4	5.0		ppbV	1	3/22/2004
Propylene	ND	5.0		ppbV	1	3/22/2004
Styrene	ND	5.0		ppbV	1	3/22/2004
Tetrachloroethylene	ND	5.0		ppbV	1	3/22/2004
Tetrahydrofuran	ND	5.0		ppbV	1	3/22/2004
Toluene	18	5.0		ppbV	1	3/22/2004
trans-1,2-Dichloroethene	ND	5.0		ppbV	1	3/22/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	3/22/2004
Trichloroethene	ND	5.0		ppbV	1	3/22/2004
Vinyl acetate	ND	5.0		ppbV	1	3/22/2004
Vinyl Bromide	ND	5.0		ppbV	1	3/22/2004
Vinyl chloride	ND	5.0		ppbV	1	3/22/2004
Surr: Bromofluorobenzene	99.7	87.8-104		%REC	1	3/22/2004
TIC: 1-Butene, 2-methyl-	7.0	0	JN	ppbV	1	3/22/2004
TIC: 2-Butene, 2-methyl-	11	0	JN	ppbV	1	3/22/2004
TIC: Benzene, 1-ethyl-2-methyl-	7.1	0	JN	ppbV	1	3/22/2004
TIC: Butane	9.0	0	JN	ppbV	1	3/22/2004
TIC: Butane, 2-methyl-	56	0	JN	ppbV	1	3/22/2004
TIC: Cyclohexane, methyl-	13	0	JN	ppbV	1	3/22/2004
TIC: Cyclopentane, methyl-	32	0	JN	ppbV	1	3/22/2004
TIC: Cyclotetrasiloxane, octamethyl-	61	0	JN	ppbV	1	3/22/2004
TIC: Cyclotrisiloxane, hexamethyl-	7.4	0	JN	ppbV	1	3/22/2004
TIC: Heptane, 2-methyl-	5.7	0	JN	ppbV	1	3/22/2004
TIC: Hexane, 3-methyl-	11	0	JN	ppbV	1	3/22/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *22-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Booth Oil - BM 31904
Lab Order:	C0403015	**Tag Number:**	33
Project:	Booth Oil	**Collection Date:**	3/19/2004
Lab ID:	C0403015-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
TIC: Isopropylcyclobutane (11.83)	7.0	0	JN	ppbV	1	3/22/2004
TIC: Isopropylcyclobutane (12.03)	7.4	0	JN	ppbV	1	3/22/2004
TIC: Octane	6.2	0	JN	ppbV	1	3/22/2004
TIC: Pentane	51	0	JN	ppbV	1	3/22/2004
TIC: Pentane, 2-methyl-	65	0	JN	ppbV	1	3/22/2004
TIC: Pentane, 3-methyl-	25	0	JN	ppbV	1	3/22/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *22-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Booth Oil - LR 31904
Lab Order:	C0403015	**Tag Number:**	22
Project:	Booth Oil	**Collection Date:**	3/19/2004
Lab ID:	C0403015-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuume Reading "Hg	0			"Hg		3/19/2004
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	3/22/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	3/22/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	3/22/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	3/22/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	3/22/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	3/22/2004
1,2,4-Trimethylbenzene	ND	5.0		ppbV	1	3/22/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	3/22/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	3/22/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	3/22/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	3/22/2004
1,3,5-Trimethylbenzene	ND	5.0		ppbV	1	3/22/2004
1,3-butadiene	ND	5.0		ppbV	1	3/22/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	3/22/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	3/22/2004
1,4-Dioxane	ND	5.0		ppbV	1	3/22/2004
2,2,4-trimethylpentane	ND	5.0		ppbV	1	3/22/2004
4-ethyltoluene	ND	5.0		ppbV	1	3/22/2004
Acetone	23	5.0		ppbV	1	3/22/2004
Allyl chloride	ND	5.0		ppbV	1	3/22/2004
Benzene	ND	5.0		ppbV	1	3/22/2004
Benzyl chloride	ND	5.0		ppbV	1	3/22/2004
Bromodichloromethane	ND	5.0		ppbV	1	3/22/2004
Bromoform	ND	5.0		ppbV	1	3/22/2004
Bromomethane	ND	5.0		ppbV	1	3/22/2004
Carbon disulfide	ND	5.0		ppbV	1	3/22/2004
Carbon tetrachloride	ND	5.0		ppbV	1	3/22/2004
Chlorobenzene	ND	5.0		ppbV	1	3/22/2004
Chloroethane	ND	5.0		ppbV	1	3/22/2004
Chloroform	ND	5.0		ppbV	1	3/22/2004
Chloromethane	ND	5.0		ppbV	1	3/22/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	3/22/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	3/22/2004
Cyclohexane	16	5.0		ppbV	1	3/22/2004
Dibromochloromethane	ND	5.0		ppbV	1	3/22/2004
Ethyl acetate	ND	5.0		ppbV	1	3/22/2004
Ethylbenzene	ND	5.0		ppbV	1	3/22/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *22-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Booth Oil - LR 31904
Lab Order:	C0403015	**Tag Number:**	22
Project:	Booth Oil	**Collection Date:**	3/19/2004
Lab ID:	C0403015-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
Freon 11	ND	5.0		ppbV	1	3/22/2004
Freon 113	ND	5.0		ppbV	1	3/22/2004
Freon 114	ND	5.0		ppbV	1	3/22/2004
Freon 12	ND	5.0		ppbV	1	3/22/2004
Heptane	16	5.0		ppbV	1	3/22/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	3/22/2004
Hexane	32	5.0		ppbV	1	3/22/2004
Isopropyl alcohol	ND	5.0		ppbV	1	3/22/2004
m-Xylene	6.2	5.0		ppbV	1	3/22/2004
Methyl Butyl Ketone	ND	5.0		ppbV	1	3/22/2004
Methyl Ethyl Ketone	ND	5.0		ppbV	1	3/22/2004
Methyl Isobutyl Ketone	ND	5.0		ppbV	1	3/22/2004
Methyl tert-butyl ether	ND	5.0		ppbV	1	3/22/2004
Methylene chloride	ND	5.0		ppbV	1	3/22/2004
o-Xylene	ND	5.0		ppbV	1	3/22/2004
p-Xylene	ND	5.0		ppbV	1	3/22/2004
Propylene	ND	5.0		ppbV	1	3/22/2004
Styrene	ND	5.0		ppbV	1	3/22/2004
Tetrachloroethylene	ND	5.0		ppbV	1	3/22/2004
Tetrahydrofuran	ND	5.0		ppbV	1	3/22/2004
Toluene	12	5.0		ppbV	1	3/22/2004
trans-1,2-Dichloroethene	ND	5.0		ppbV	1	3/22/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	3/22/2004
Trichloroethene	ND	5.0		ppbV	1	3/22/2004
Vinyl acetate	ND	5.0		ppbV	1	3/22/2004
Vinyl Bromide	ND	5.0		ppbV	1	3/22/2004
Vinyl chloride	ND	5.0		ppbV	1	3/22/2004
Surr: Bromofluorobenzene	100	87.8-104		%REC	1	3/22/2004
TIC: Butane	5.3	0	JN	ppbV	1	3/22/2004
TIC: Butane, 2-methyl-	26	0	JN	ppbV	1	3/22/2004
TIC: Cyclohexane, methyl-	13	0	JN	ppbV	1	3/22/2004
TIC: Cyclopentane, methyl-	25	0	JN	ppbV	1	3/22/2004
TIC: Cyclopentane,dimethyl- (isomer)	6.8	0	JN	ppbV	1	3/22/2004
TIC: Cyclopentane-dimethyl- (isomer)	7.5	0	JN	ppbV	1	3/22/2004
TIC: Cyclotetrasiloxane, octamethyl-	29	0	JN	ppbV	1	3/22/2004
TIC: Cyclotrisiloxane, hexamethyl-	8.6	0	JN	ppbV	1	3/22/2004
TIC: Heptane, 2-methyl-	6.3	0	JN	ppbV	1	3/22/2004
TIC: Hexane, 3-methyl-	12	0	JN	ppbV	1	3/22/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *22-Mar-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Booth Oil - LR 31904
Lab Order:	C0403015	**Tag Number:**	22
Project:	Booth Oil	**Collection Date:**	3/19/2004
Lab ID:	C0403015-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
TIC: Octane	5.7	0	JN	ppbV	1	3/22/2004
TIC: Pentane, 2-methyl-	55	0	JN	ppbV	1	3/22/2004
TIC: Pentane, 3-methyl-	22	0	JN	ppbV	1	3/22/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

ANALYTICAL REPORT

Job#: A04-2597

STL Project#: NY4A9186
Site Name: Fagan Engineering
Task: Booth Oil Site

Mr. Leo Brausch
131 Wedgewood Drive
Gibsonia, PA 15044

STL Buffalo

Ryan T. VanDette
Project Manager

03/31/2004

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	2970
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA, RCRA	C254
West Virginia	CWA	252
Wisconsin	CWA, RCRA	998310390
Wyoming UST	UST	NA

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4235202	SUMP OIL	03/19/2004		03/25/2004	12:30

METHODS SUMMARY

Job#: A04-2597

STL Project#: NY4A9186
Site Name: Fagan Engineering

PARAMETER	ANALYTICAL METHOD
FAGAN - METHOD 8082 POLYCHLORINATED BIPHENYLS(OIL)	SW8463 8082(OIL)

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A04-2597

STL Project#: NY4A9186
Site Name: Fagan Engineering

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A04-2597
Sample Cooler(s) were received at the following temperature(s); 14.4 AMB °C
Sample bottles were composited into (1) 16ozG container for analysis.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
SUMP OIL	A4235202	8082(OIL)	2.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8082 POLYCHLORINATED BIPHENYLS(OIL)

Client ID		SUMP OIL							
Job No	Lab ID	A04-2597	A4235202						
Sample Date		03/19/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	2.0	NA		NA		NA	
Aroclor 1221	MG/KG	ND	2.0	NA		NA		NA	
Aroclor 1232	MG/KG	ND	2.0	NA		NA		NA	
Aroclor 1242	MG/KG	ND	2.0	NA		NA		NA	
Aroclor 1248	MG/KG	24	2.0	NA		NA		NA	
Aroclor 1254	MG/KG	ND	2.0	NA		NA		NA	
Aroclor 1260	MG/KG	12	2.0	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	55	32-148	NA		NA		NA	
Decachlorobiphenyl	%	103	36-153	NA		NA		NA	

9\18

NA = Not Applicable ND = Not Detected

Chronology and QC Summary Package

Client ID		Method Blank							
Job No	Lab ID	A04-2597	A4B0742903						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1221	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1232	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1242	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1248	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1254	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1260	MG/KG	ND	1.0	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	100	32-148	NA		NA		NA	
Decachlorobiphenyl	%	107	36-153	NA		NA		NA	

11\18

Client ID		Matrix Spike Blank		Matrix Spike Blk Dup					
Job No / Lab ID		A04-2597 / A4B0742901		A04-2597 / A4B0742902					
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	1.0	ND	1.0	NA		NA	
Aroclor 1221	MG/KG	ND	1.0	ND	1.0	NA		NA	
Aroclor 1232	MG/KG	ND	1.0	ND	1.0	NA		NA	
Aroclor 1242	MG/KG	ND	1.0	ND	1.0	NA		NA	
Aroclor 1248	MG/KG	ND	1.0	ND	1.0	NA		NA	
Aroclor 1254	MG/KG	11	1.0	10	1.0	NA		NA	
Aroclor 1260	MG/KG	ND	1.0	ND	1.0	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	104	32-148	100	32-148	NA		NA	
Decachlorobiphenyl	%	113	36-153	108	36-153	NA		NA	

12\18

Client Sample ID: Method Blank Matrix Spike Blank Matrix Spike Blk Dup
Lab Sample ID: A4B0742903 A4B0742901 A4B0742902

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			% RPD	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg		RPD	REC.
FAGAN - METHOD 8082 POLYCHLORINATED BIPH											
Aroclor 1254	MG/KG	10.6	10.4	10.0	10.0	106	105	106	0.	40.0	52-153

13\18

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

FAGAN - METHOD 8082 POLYCHLORINATED BIPHENYLS(OIL)

Client Sample ID Job No & Lab Sample ID	SUMP OIL AO4-2597 A4235202				
Sample Date	03/19/2004				
Received Date	03/25/2004 12:30				
Extraction Date	03/26/2004 07:00				
Analysis Date	03/26/2004 18:18				
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	OIL				
Dilution Factor	2.0				
Sample wt/vol	0.51 GRAMS				
% Dry	100.00				

14\18

NA = Not Applicable

FAGAN - METHOD 8082 POLYCHLORINATED BIPHENYLS(OIL)

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-2597 A4B0742901	Matrix Spike Blk Dup A04-2597 A4B0742902			
Sample Date					
Received Date					
Extraction Date	03/26/2004 07:00	03/26/2004 07:00			
Analysis Date	03/26/2004 17:34	03/26/2004 17:48			
Extraction HT Met?	-	-			
Analytical HT Met?	-	-			
Sample Matrix	OIL	OIL			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.5 GRAMS	0.5 GRAMS			
% Dry	100.00	100.00			

15\18

NA = Not Applicable

FAGAN - METHOD 8082 POLYCHLORINATED BIPHENYLS(OIL)

Client Sample ID Job No & Lab Sample ID	Method Blank A04-2597 A4B0742903				
Sample Date					
Received Date					
Extraction Date	03/26/2004 07:00				
Analysis Date	03/26/2004 18:03				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	OIL				
Dilution Factor	1.0				
Sample wt/vol	0.5 GRAMS				
% Dry	100.00				

16\18

NA = Not Applicable

Chain of Custody

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

(R)

STL-4124 (0901)

Client: FAGAN ENGINEERS	Project Manager: AARON GORGES	Date: 3/19/04	Chain of Custody Number: 114380
Address: 113 E. CHEMUNG PL	Telephone Number (Area Code)/Fax Number: (607) 734-2165/2169	Lab Number:	Page 1 of 1
City: ELMIRA / State: NY / Zip Code: 14904	Site Contact: A. GORGES	Lab Contact: PAT FILEY	
Project Name and Location (State): BOOTH OIL SITE	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: 8010	8270	Special Instructions/ Conditions of Receipt
1 SUMP WATER	3/19/04			X										X	
SUMP OIL				X									X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 72 h.

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: A. GORGES	12:30 3/19/04		1. Received By: STL ALB	03/19/04	12:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: Amount 19.4

DISTRIBUTION: WHITE - Returned to Client with Report: CANARY - Stays with the Sample; PINK - Field Copy

21\28\18

ANALYTICAL REPORT

Job#: A04-2352

STL Project#: NY4A9186
Site Name: Fagan Engineering
Task: Booth Oil Site

Mr. Leo Brausch
131 Wedgewood Drive
Gibsonia, PA 15044

STL Buffalo

Ryan T. VanDette
Project Manager

03/25/2004

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4235202	SUMP OIL	03/19/2004		03/19/2004	12:30
A4235201	SUMP WATER	03/19/2004		03/19/2004	12:30

METHODS SUMMARY

Job#: A04-2352

STL Project#: NY4A9186
Site Name: Fagan Engineering

PARAMETER	ANALYTICAL METHOD
FAGAN - METHOD 310.13 - PETROLEUM PRODUCTS - S	NYSDOH 31013
FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-W	SW8463 8082

References:

NYSDOH "Compendium of Methods", New York State Department of Health, Wadsworth Center for Laboratories and Research.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A04-2352

STL Project#: NY4A9186
Site Name: Fagan Engineering

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A04-2352
Sample Cooler(s) were received at the following temperature(s); 14.4 AMB °C
Sample bottles were composited into (1) 16ozG container for analysis. Sample 01 for PCB analysis should use aqueous phase. Sample 02 for analysis by method 310.13 should use oil phase.

GC Extractable Data

For method 310-13 Petroleum Products, the identification and quantification of gasoline present in sample SUMP OIL is based on a single point standard run to verify the pattern match. The extract was run at a dilution due to the high levels of gasoline present in the sample.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Dilution Log w/Code Information
For Job A04-2352

5\21

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
SUMP OIL	A4235202	31013	50.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Client ID		SUMP OIL							
Job No	Lab ID	A04-2352	A4235202						
Sample Date		03/19/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Kerosene	MG/KG	ND	79000	NA		NA		NA	
Gasoline	MG/KG	1000000	79000	NA		NA		NA	
Motor Oil	MG/KG	ND	79000	NA		NA		NA	
Fuel Oil #2	MG/KG	ND	79000	NA		NA		NA	
Fuel Oil #4	MG/KG	ND	79000	NA		NA		NA	
Fuel Oil #6	MG/KG	ND	79000	NA		NA		NA	
Other-1	MG/KG	ND	790000	NA		NA		NA	

8\21

NA = Not Applicable ND = Not Detected

Date: 03/25/2004
Time: 14:38:11

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-W

Rept: AN0326

Client ID		SUMP WATER							
Job No	Lab ID	A04-2352	A4235201						
Sample Date		03/19/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	1.6	NA		NA		NA	
Aroclor 1221	UG/L	ND	1.6	NA		NA		NA	
Aroclor 1232	UG/L	ND	1.6	NA		NA		NA	
Aroclor 1242	UG/L	ND	1.6	NA		NA		NA	
Aroclor 1248	UG/L	7.6	1.6	NA		NA		NA	
Aroclor 1254	UG/L	ND	1.6	NA		NA		NA	
Aroclor 1260	UG/L	3.6	1.6	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	50	36-132	NA		NA		NA	
Decachlorobiphenyl	%	60	28-132	NA		NA		NA	

9\21

NA = Not Applicable ND = Not Detected

STL Buffalo

Chronology and QC Summary Package

Client ID		Method Blank							
Job No	Lab ID	A04-2352	A4B0718203						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Kerosene	MG/KG	ND	3000	NA		NA		NA	
Gasoline	MG/KG	ND	3000	NA		NA		NA	
Motor Oil	MG/KG	ND	3000	NA		NA		NA	
Fuel Oil #2	MG/KG	ND	3000	NA		NA		NA	
Fuel Oil #4	MG/KG	ND	3000	NA		NA		NA	
Fuel Oil #6	MG/KG	ND	3000	NA		NA		NA	
Other-1	MG/KG	ND	30000	NA		NA		NA	

11\21

NA = Not Applicable ND = Not Detected

Client ID		Method Blank							
Job No	Lab ID	A04-2352	A4B0717803						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	67	36-132	NA		NA		NA	
Decachlorobiphenyl	%	70	28-132	NA		NA		NA	

12\21

NA = Not Applicable ND = Not Detected

Client ID		Matrix Spike Blank		Matrix Spike Blk Dup					
Job No	Lab ID	A04-2352	A4B0718201	A04-2352	A4B0718202				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Kerosene	MG/KG	ND	3000	ND	3000	NA		NA	
Gasoline	MG/KG	ND	3000	ND	3000	NA		NA	
Motor Oil	MG/KG	ND	3000	ND	3000	NA		NA	
Fuel Oil #2	MG/KG	13000	3000	15000	3000	NA		NA	
Fuel Oil #4	MG/KG	ND	3000	ND	3000	NA		NA	
Fuel Oil #6	MG/KG	ND	3000	ND	3000	NA		NA	
Other-1	MG/KG	ND	30000	ND	30000	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Matrix Spike Blank		Matrix Spike Blk Dup					
Job No / Lab ID		A04-2352 / A4B0717801		A04-2352 / A4B0717802					
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	4.3	0.50	4.6	0.50	NA		NA	
Aroclor 1221	UG/L	ND	0.50	ND	0.50	NA		NA	
Aroclor 1232	UG/L	ND	0.50	ND	0.50	NA		NA	
Aroclor 1242	UG/L	ND	0.50	ND	0.50	NA		NA	
Aroclor 1248	UG/L	ND	0.50	ND	0.50	NA		NA	
Aroclor 1254	UG/L	ND	0.50	ND	0.50	NA		NA	
Aroclor 1260	UG/L	4.3	0.50	4.4	0.50	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	78	36-132	76	36-132	NA		NA	
Decachlorobiphenyl	%	72	28-132	72	28-132	NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: Method Blank | Matrix Spike Blank | Matrix Spike Blk Dup
Lab Sample ID: A4B0717803 | A4B0717801 | A4B0717802

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
FAGAN - METHOD 8082 - POLYCHLORINATED BI											
Aroclor 1260	UG/L	4.30	4.39	5.00	5.00	86	88	87	2	30.0	50-122
Aroclor 1016	UG/L	4.29	4.57	5.00	5.00	86	92	89	7	30.0	29-123

15\21

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank | Matrix Spike Blank | Matrix Spike Blk Dup
Lab Sample ID: A4B0718203 | A4B0718201 | A4B0718202

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			% RPD	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg		RPD	REC.
FAGAN - METHOD 310.13 - PETROLEUM PRODUC											
Fuel Oil #2	MG/KG	13280	14830	15000	15000	88	99	94	12	35.0	50-150

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

FAGAN - METHOD 310.13 - PETROLEUM PRODUCTS - S

Client Sample ID / Job No & Lab Sample ID	SUMP OIL A04-2352 A4235202	SUMP WATER A04-2352 A4235201			
Sample Date	03/19/2004				
Received Date	03/19/2004 12:30				
Extraction Date	03/22/2004 07:00				
Analysis Date	03/23/2004 11:30				
Extraction HT Met?	YES	NA			
Analytical HT Met?	YES				
Sample Matrix	OIL				
Dilution Factor	50.0				
Sample wt/vol	0.19 GRAMS				
% Dry	100.00				

FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-W

Client Sample ID / Job No & Lab Sample ID	SUMP OIL A04-2352 A4235202	SUMP WATER A04-2352 A4235201			
Sample Date		03/19/2004			
Received Date		03/19/2004 12:30			
Extraction Date		03/22/2004 07:00			
Analysis Date		03/22/2004 16:43			
Extraction HT Met?	NA	YES			
Analytical HT Met?		YES			
Sample Matrix		WATER			
Dilution Factor		1.0			
Sample wt/vol		0.31 LITERS			
% Dry					

17\21

NA = Not Applicable

FAGAN - METHOD 310.13 - PETROLEUM PRODUCTS - S

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-2352 A4B0717801	Matrix Spike Blank A04-2352 A4B0718201	Matrix Spike Blk Dup A04-2352 A4B0717802	Matrix Spike Blk Dup A04-2352 A4B0718202	
Sample Date					
Received Date					
Extraction Date		03/22/2004 07:00		03/22/2004 07:00	
Analysis Date		03/23/2004 08:40		03/23/2004 09:23	
Extraction HT Met?	NA	-	NA	-	
Analytical HT Met?		-		-	
Sample Matrix		SOIL LOW		SOIL LOW	
Dilution Factor		1.0		1.0	
Sample wt/vol		0.1 GRAMS		0.1 GRAMS	
% Dry		100.00		100.00	

FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-W

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-2352 A4B0717801	Matrix Spike Blank A04-2352 A4B0718201	Matrix Spike Blk Dup A04-2352 A4B0717802	Matrix Spike Blk Dup A04-2352 A4B0718202	
Sample Date					
Received Date					
Extraction Date	03/22/2004 07:00		03/22/2004 07:00		
Analysis Date	03/22/2004 15:53		03/22/2004 16:09		
Extraction HT Met?	-	NA	-	NA	
Analytical HT Met?	-		-		
Sample Matrix	WATER		WATER		
Dilution Factor	1.0		1.0		
Sample wt/vol	1.0 LITERS		1.0 LITERS		
% Dry					

NA = Not Applicable

FAGAN - METHOD 310.13 - PETROLEUM PRODUCTS - S

Client Sample ID Job No & Lab Sample ID	Method Blank A04-2352 A4B0717803	Method Blank A04-2352 A4B0718203			
Sample Date					
Received Date					
Extraction Date		03/22/2004 07:00			
Analysis Date		03/23/2004 10:05			
Extraction HT Met?	NA	-			
Analytical HT Met?		-			
Sample Matrix		SOIL	LOW		
Dilution Factor		1.0			
Sample wt/vol		0.1	GRAMS		
% Dry		100.00			

FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-W

Client Sample ID Job No & Lab Sample ID	Method Blank A04-2352 A4B0717803	Method Blank A04-2352 A4B0718203			
Sample Date					
Received Date					
Extraction Date	03/22/2004 07:00				
Analysis Date	03/22/2004 16:26				
Extraction HT Met?	-	NA			
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.0	LITERS			
% Dry					

NA = Not Applicable

Chain of Custody

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

(R)

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
FAGAN ENGINEERS	ARROW GORGES	3/19/04	114380
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
113 E. CHEMUNG PL	(607) 734-2165/2169		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
ELMIRA / NY / 14904	A. GORGES	PAT FILEY	
Project Name and Location (State)	**Carrier/Waybill Number**		
BOOTH OIL SITE			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 310.13	PCB	Special Instructions/ Conditions of Receipt
1 SUMP WATER	3/19/04			X										X	
SUMP OIL				X									X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 72 hr.

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
A. GORGES	12:30	3/19/04	STL	3/19/04	12:30
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

Ambient 19.4

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

21\21

Date: 03/24/2004
Time: 16:11:33

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-W

Rept: AN1246

Client ID		SUMP WATER							
Job No	Lab ID	A04-2352	A4235201						
Sample Date		03/19/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	1.6	NA		NA		NA	
Aroclor 1221	UG/L	ND	1.6	NA		NA		NA	
Aroclor 1232	UG/L	ND	1.6	NA		NA		NA	
Aroclor 1242	UG/L	ND	1.6	NA		NA		NA	
Aroclor 1248	UG/L	7.6	1.6	NA		NA		NA	
Aroclor 1254	UG/L	ND	1.6	NA		NA		NA	
Aroclor 1260	UG/L	3.6	1.6	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	50	36-132	NA		NA		NA	
Decachlorobiphenyl	%	60	28-132	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/24/2004
Time: 16:11:33

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 310.13 - PETROLEUM PRODUCTS - S

Rept: AN1246

Client ID		SUMP OIL							
Job No	Lab ID	A04-2352	A4235202						
Sample Date		03/19/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Kerosene	MG/KG	ND	79000	NA		NA		NA	
Gasoline	MG/KG	2100000	79000	NA		NA		NA	
Motor Oil	MG/KG	ND	79000	NA		NA		NA	
Fuel Oil #2	MG/KG	ND	79000	NA		NA		NA	
Fuel Oil #4	MG/KG	ND	79000	NA		NA		NA	
Fuel Oil #6	MG/KG	ND	79000	NA		NA		NA	
Other-1	MG/KG	ND	790000	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/24/2004
Time: 16:11:33

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-W

Rept: AN1246

Client ID		Method Blank							
Job No	Lab ID	A04-2352	A4B0717803						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	67	36-132	NA		NA		NA	
Decachlorobiphenyl	%	70	28-132	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/24/2004
Time: 16:11:33

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 310.13 - PETROLEUM PRODUCTS - S

Rept: AN1246

Client ID		Method Blank							
Job No	Lab ID	A04-2352	A4B0718203						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Kerosene	MG/KG	ND	3000	NA		NA		NA	
Gasoline	MG/KG	ND	3000	NA		NA		NA	
Motor Oil	MG/KG	ND	3000	NA		NA		NA	
Fuel Oil #2	MG/KG	ND	3000	NA		NA		NA	
Fuel Oil #4	MG/KG	ND	3000	NA		NA		NA	
Fuel Oil #6	MG/KG	ND	3000	NA		NA		NA	
Other-1	MG/KG	ND	30000	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

ANALYTICAL REPORT

Job#: A04-2426

STL Project#: NY4A9186
Site Name: Fagan Engineering
Task: Booth Oil Site

Mr. Leo Brausch
131 Wedgewood Drive
Gibsonia, PA 15044

STL Buffalo

Ryan T. VanDette
Project Manager

03/26/2004

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	2970
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA, RCRA	C254
West Virginia	CWA	252
Wisconsin	CWA, RCRA	998310390
Wyoming UST	UST	NA

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4242614	BO-1-5	03/23/2004		03/23/2004	16:30
A4242603	BO-10A-4	03/23/2004		03/23/2004	16:30
A4242604	BO-12-4	03/23/2004		03/23/2004	16:30
A4242605	BO-13-4	03/23/2004		03/23/2004	16:30
A4242608	BO-16-4	03/23/2004		03/23/2004	16:30
A4242607	BO-17-5	03/23/2004		03/23/2004	16:30
A4242615	BO-17-7	03/23/2004		03/23/2004	16:30
A4242612	BO-18-6	03/23/2004		03/23/2004	16:30
A4242609	BO-19-5	03/23/2004		03/23/2004	16:30
A4242616	BO-2-4	03/23/2004		03/23/2004	16:30
A4242601	BO-2-5	03/23/2004		03/23/2004	16:30
A4242611	BO-2-7	03/23/2004		03/23/2004	16:30
A4242620	BO-21-8	03/23/2004		03/23/2004	16:30
A4242620MS	BO-21-8 MS	03/23/2004		03/23/2004	16:30
A4242620SD	BO-21-8 SD	03/23/2004		03/23/2004	16:30
A4242606	BO-4-4	03/23/2004		03/23/2004	16:30
A4242610	BO-7-4	03/23/2004		03/23/2004	16:30
A4242613	BO-9-3	03/23/2004		03/23/2004	16:30
A4242619	FIELD BLANK	03/23/2004		03/23/2004	16:30
A4242618	PRESERVED TRIP BLANK	03/23/2004		03/23/2004	16:30
A4242617	TRIP BLANK (UNPRE)	03/23/2004		03/23/2004	16:30

METHODS SUMMARY

Job#: A04-2426

STL Project#: NY4A9186
Site Name: Fagan Engineering

PARAMETER	ANALYTICAL METHOD
FAGAN - METHOD 8021 - BTEX - S	SW8463 8021
FAGAN - METHOD 8021 - BTEX - W	SW8463 8021

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A04-2426

STL Project#: NY4A9186
Site Name: Fagan Engineering

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A04-2426
Sample Cooler(s) were received at the following temperature(s); 6.0 NOICE °C
Sample 03 is shared with job A04-2427 sample 02.

GC Volatile Data

The recovery of surrogates for method 8021 was outside quality control limits for samples BO-12-4 and BO-9-3. However, the chromatograms show clear evidence of matrix interference and all other quality control samples met acceptance criteria. Therefore, no further corrective action was performed and the data are accepted.

Sample TRIP BLANK (UNPRE) had a pH > 2.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
B0-10A-4	A4242603	8021	500.00	008
B0-17-7	A4242615	8021	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Client ID		BO-1-5		BO-10A-4		BO-12-4		BO-12-4 RE	
Job No	Lab ID	A04-2426	A4242614	A04-2426	A4242603	A04-2426	A4242604	A04-2426	A4242604RE
Sample Date		03/23/2004		03/23/2004		03/23/2004		03/23/2004	

Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	2.4	1.1	52000	5200	21	1.1	2.6	1.2
Ethylbenzene	UG/KG	1.5	1.1	33000	5200	18	1.1	3.0	1.2
Toluene	UG/KG	6.8	1.1	130000	5200	78	1.1	8.4	1.2
o-Xylene	UG/KG	2.9	1.1	54000	5200	47	1.1	7.0	1.2
m/p-Xylenes	UG/KG	7.4	2.2	150000	10000	97	2.2	16	2.3
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	102	76-127	111	76-127	75 *	76-127	96	76-127
Fluorobenzene	%	97	60-130	82	60-130	73	60-130	95	60-130

Client ID		BO-13-4		BO-16-4		BO-17-5		BO-17-7	
Job No	Lab ID	A04-2426	A4242605	A04-2426	A4242608	A04-2426	A4242607	A04-2426	A4242615
Sample Date		03/23/2004		03/23/2004		03/23/2004		03/23/2004	

Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	8.2	1.1	ND	0.96	2.9	0.91	ND	52
Ethylbenzene	UG/KG	6.5	1.1	ND	0.96	2.6	0.91	330	52
Toluene	UG/KG	30	1.1	7.6	0.96	12	0.91	320	52
o-Xylene	UG/KG	14	1.1	6.1	0.96	5.1	0.91	6100	52
m/p-Xylenes	UG/KG	34	2.2	9.2	1.9	13	1.8	11000	100
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	105	76-127	102	76-127	103	76-127	108	76-127
Fluorobenzene	%	101	60-130	99	60-130	100	60-130	84	60-130

NA = Not Applicable ND = Not Detected

Client ID		BO-18-6		BO-19-5		BO-2-4		BO-2-4 RE	
Job No	Lab ID	A04-2426	A4242612	A04-2426	A4242609	A04-2426	A4242616	A04-2426	A4242616RE
Sample Date		03/23/2004		03/23/2004		03/23/2004		03/23/2004	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	1.1	52	11	13	1.2	1.6	1.1
Ethylbenzene	UG/KG	1.2	1.1	22	11	19	1.2	3.4	1.1
Toluene	UG/KG	3.2	1.1	150	11	61	1.2	7.5	1.1
o-Xylene	UG/KG	1.9	1.1	68	11	55	1.2	7.5	1.1
m/p-Xylenes	UG/KG	6.1	2.2	160	22	110	2.4	19	2.2
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	101	76-127	105	76-127	123	76-127	100	76-127
Fluorobenzene	%	97	60-130	70	60-130	112	60-130	97	60-130

Client ID		BO-2-5		BO-2-7		BO-21-8		BO-4-4	
Job No	Lab ID	A04-2426	A4242601	A04-2426	A4242611	A04-2426	A4242620	A04-2426	A4242606
Sample Date		03/23/2004		03/23/2004		03/23/2004		03/23/2004	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	9.5	1.2	2.1	1.1	1.9	1.1	ND	1.1
Ethylbenzene	UG/KG	ND	1.2	ND	1.1	1.2	1.1	ND	1.1
Toluene	UG/KG	7.0	1.2	6.6	1.1	3.9	1.1	ND	1.1
o-Xylene	UG/KG	ND	1.2	ND	1.1	5.1	1.1	ND	1.1
m/p-Xylenes	UG/KG	ND	2.4	11	2.1	12	2.2	ND	2.2
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	95	76-127	77	76-127	103	76-127	0 *	76-127
Fluorobenzene	%	92	60-130	72	60-130	98	60-130	0 *	60-130

NA = Not Applicable ND = Not Detected

Client ID		BO-4-4 RE		BO-7-4		BO-9-3			
Job No	Lab ID	A04-2426	A4242606RE	A04-2426	A4242610	A04-2426	A4242613		
Sample Date		03/23/2004		03/23/2004		03/23/2004			
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	0.96	3.6	0.92	200	10	NA	
Ethylbenzene	UG/KG	ND	0.96	3.0	0.92	150	10	NA	
Toluene	UG/KG	ND	0.96	13	0.92	520	10	NA	
o-Xylene	UG/KG	ND	0.96	8.1	0.92	180	10	NA	
m/p-Xylenes	UG/KG	ND	1.9	20	1.8	630	21	NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	98	76-127	103	76-127	130 *	76-127	NA	
Fluorobenzene	%	96	60-130	101	60-130	89	60-130	NA	

NA = Not Applicable ND = Not Detected

Chronology and QC Summary Package

Client ID		FIELD BLANK							
Job No	Lab ID	A04-2426	A4242619						
Sample Date		03/23/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	NA		NA		NA	
Ethylbenzene	UG/L	ND	0.20	NA		NA		NA	
Toluene	UG/L	ND	0.20	NA		NA		NA	
o-Xylene	UG/L	ND	0.20	NA		NA		NA	
m/p-Xylenes	UG/L	ND	0.40	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	95	71-127	NA		NA		NA	
Fluorobenzene	%	78	78-121	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		VBLK120		VBLK145		VBLK198			
Job No	Lab ID	A04-2426	A4242621	A04-2426	A4242625	A04-2426	A4242623		
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	1.0	ND	1.0	ND	10	NA	
Ethylbenzene	UG/KG	ND	1.0	ND	1.0	ND	10	NA	
Toluene	UG/KG	ND	1.0	ND	1.0	ND	10	NA	
o-Xylene	UG/KG	ND	1.0	ND	1.0	ND	10	NA	
m/p-Xylenes	UG/KG	ND	2.0	ND	2.0	ND	20	NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	102	76-127	90	76-127	103	76-127	NA	
Fluorobenzene	%	98	60-130	90	60-130	82	60-130	NA	

NA = Not Applicable ND = Not Detected

Client ID		VBLK260							
Job No	Lab ID	A04-2426	A4242627						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	NA		NA		NA	
Ethylbenzene	UG/L	ND	0.20	NA		NA		NA	
Toluene	UG/L	ND	0.20	NA		NA		NA	
o-Xylene	UG/L	ND	0.20	NA		NA		NA	
m/p-Xylenes	UG/L	ND	0.40	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	99	71-127	NA		NA		NA	
Fluorobenzene	%	82	78-121	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		BO-21-8 MS		BO-21-8 SD		Matrix Spike Blank		Matrix Spike Blank	
Job No	Lab ID	A04-2426	A4242620MS	A04-2426	A4242620SD	A04-2426	A4242622	A04-2426	A4242624
Sample Date		03/23/2004		03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	25	1.1	28	1.2	21	1.0	190	10
Ethylbenzene	UG/KG	20	1.1	22	1.2	20	1.0	180	10
Toluene	UG/KG	25	1.1	29	1.2	21	1.0	220	10
o-Xylene	UG/KG	26	1.1	27	1.2	21	1.0	180	10
m/p-Xylenes	UG/KG	52	2.2	54	2.4	43	2.0	360	20
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	106	76-127	105	76-127	82	76-127	104	76-127
Fluorobenzene	%	103	60-130	102	60-130	83	60-130	79	60-130

Client ID		Matrix Spike Blank							
Job No	Lab ID	A04-2426	A4242626						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	20	1.0	NA		NA		NA	
Ethylbenzene	UG/KG	19	1.0	NA		NA		NA	
Toluene	UG/KG	21	1.0	NA		NA		NA	
o-Xylene	UG/KG	21	1.0	NA		NA		NA	
m/p-Xylenes	UG/KG	42	2.0	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	96	76-127	NA		NA		NA	
Fluorobenzene	%	98	60-130	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Matrix Spike Blank							
Job No	Lab ID	A04-2426	A4242628						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	4.1	0.20	NA		NA		NA	
Ethylbenzene	UG/L	4.0	0.20	NA		NA		NA	
Toluene	UG/L	4.0	0.20	NA		NA		NA	
o-Xylene	UG/L	4.1	0.20	NA		NA		NA	
m/p-Xylenes	UG/L	8.3	0.40	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	98	71-127	NA		NA		NA	
Fluorobenzene	%	81	78-121	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		PRESERVED TRIP BLANK		TRIP BLANK (UNPRE)					
Job No	Lab ID	A04-2426	A4242618	A04-2426	A4242617				
Sample Date		03/23/2004		03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	ND	0.20	NA		NA	
Ethylbenzene	UG/L	ND	0.20	ND	0.20	NA		NA	
Toluene	UG/L	ND	0.20	ND	0.20	NA		NA	
o-Xylene	UG/L	ND	0.20	ND	0.20	NA		NA	
m/p-Xylenes	UG/L	ND	0.40	ND	0.40	NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	97	71-127	98	71-127	NA		NA	
Fluorobenzene	%	79	78-121	81	78-121	NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: BO-21-8 BO-21-8 MS BO-21-8 SD
Lab Sample ID: A4242620 A4242620MS A4242620SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			%	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg	RPD	RPD	REC.
FAGAN - METHOD 8021 - BTEX - S												
Benzene	UG/KG	1.86	25.3	27.5	22.1	23.8	106	108	107	2	30.0	78-120
Ethylbenzene	UG/KG	1.25	20.1	22.5	22.1	23.8	86	89	88	3	30.0	79-120
Toluene	UG/KG	3.87	25.2	28.9	22.1	23.8	96	105	101	9	30.0	72-122
o-Xylene	UG/KG	5.12	25.8	26.9	22.1	23.8	94	92	93	2	30.0	77-120
m/p-Xylenes	UG/KG	12.3	51.6	54.3	44.2	47.6	89	88	89	1	30.0	80-121

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK120 Matrix Spike Blank
Lab Sample ID: A4242621 A4242622

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - METHOD 8021 - BTEX - S					
Benzene	UG/KG	21.0	20.0	105	78-120
Ethylbenzene	UG/KG	20.2	20.0	101	79-120
Toluene	UG/KG	20.8	20.0	104	72-122
o-Xylene	UG/KG	20.9	20.0	105	77-120
m/p-Xylenes	UG/KG	42.8	40.0	107	80-121

20\34

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK145 Matrix Spike Blank
Lab Sample ID: A4242625 A4242626

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - METHOD 8021 - BTEX - S					
Benzene	UG/KG	20.1	20.0	101	78-120
Ethylbenzene	UG/KG	19.1	20.0	96	79-120
Toluene	UG/KG	20.6	20.0	103	72-122
o-Xylene	UG/KG	20.8	20.0	104	77-120
m/p-Xylenes	UG/KG	42.5	40.0	106	80-121

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK198 Matrix Spike Blank
Lab Sample ID: A4242623 A4242624

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - METHOD 8021 - BTEX - S					
Benzene	UG/KG	187	200	94	78-120
Ethylbenzene	UG/KG	180	200	90	79-120
Toluene	UG/KG	220	200	110	72-122
o-Xylene	UG/KG	183	200	92	77-120
m/p-Xylenes	UG/KG	362	400	91	80-121

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK260 Matrix Spike Blank
Lab Sample ID: A4242627 A4242628

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - METHOD 8021 - BTEX - W					
Benzene	UG/L	4.06	4.00	102	76-120
Ethylbenzene	UG/L	4.03	4.00	101	79-120
Toluene	UG/L	4.02	4.00	100	78-124
o-Xylene	UG/L	4.09	4.00	102	76-120
m/p-Xylenes	UG/L	8.27	8.00	103	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	BO-1-5 A04-2426 A4242614	BO-10A-4 A04-2426 A4242603	BO-12-4 A04-2426 A4242604	BO-12-4 RE A04-2426 A4242604RE	BO-13-4 A04-2426 A4242605
Sample Date	03/23/2004	03/23/2004	03/23/2004	03/23/2004	03/23/2004
Received Date	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30
Extraction Date					
Analysis Date	03/25/2004 03:32	03/25/2004 14:03	03/24/2004 17:47	03/25/2004 15:35	03/24/2004 18:35
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL MED	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	1.0	500.0	1.0	1.0	1.0
Sample wt/vol	1.12 GRAMS	5.02 GRAMS	1.09 GRAMS	1.05 GRAMS	1.19 GRAMS
% Dry	80.42	94.69	82.70	82.70	77.31

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	BO-16-4 A04-2426 A4242608	BO-17-5 A04-2426 A4242607	BO-17-7 A04-2426 A4242615	BO-18-6 A04-2426 A4242612	BO-19-5 A04-2426 A4242609
Sample Date	03/23/2004	03/23/2004	03/23/2004	03/23/2004	03/23/2004
Received Date	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30
Extraction Date					
Analysis Date	03/24/2004 21:02	03/24/2004 20:13	03/25/2004 13:23	03/25/2004 01:54	03/25/2004 12:39
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL LOW	SOIL MED	SOIL LOW	SOIL MED
Dilution Factor	1.0	1.0	5.0	1.0	1.0
Sample wt/vol	1.18 GRAMS	1.19 GRAMS	5.07 GRAMS	1.03 GRAMS	5.14 GRAMS
% Dry	88.47	92.13	95.08	88.56	87.79

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	BO-2-4 AO4-2426 A4242616	BO-2-4 RE AO4-2426 A4242616RE	BO-2-5 AO4-2426 A4242601	BO-2-7 AO4-2426 A4242611	BO-21-8 AO4-2426 A4242620
Sample Date	03/23/2004	03/23/2004	03/23/2004	03/23/2004	03/23/2004
Received Date	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30
Extraction Date					
Analysis Date	03/25/2004 05:09	03/25/2004 16:14	03/24/2004 16:09	03/24/2004 23:28	03/25/2004 05:58
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	1.07 GRAMS	1.13 GRAMS	1.01 GRAMS	1.08 GRAMS	1.13 GRAMS
% Dry	79.09	79.09	82.42	87.25	80.80

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	BO-4-4 AO4-2426 A4242606	BO-4-4 RE AO4-2426 A4242606RE	BO-7-4 AO4-2426 A4242610	BO-9-3 AO4-2426 A4242613	FIELD BLANK AO4-2426 A4242619
Sample Date	03/23/2004	03/23/2004	03/23/2004	03/23/2004	
Received Date	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30	03/23/2004 16:30	
Extraction Date					
Analysis Date	03/24/2004 19:24	03/25/2004 16:53	03/24/2004 22:39	03/25/2004 14:42	
Extraction HT Met?	-	-	-	-	NA
Analytical HT Met?	YES	YES	YES	YES	
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL MED	
Dilution Factor	1.0	1.0	1.0	1.0	
Sample wt/vol	1.04 GRAMS	1.2 GRAMS	1.16 GRAMS	5.1 GRAMS	
% Dry	86.72	86.72	93.35	94.95	

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID Job No & Lab Sample ID	BO-4-4 AO4-2426 A4242606	BO-4-4 RE AO4-2426 A4242606RE	BO-7-4 AO4-2426 A4242610	BO-9-3 AO4-2426 A4242613	FIELD BLANK AO4-2426 A4242619
Sample Date					03/23/2004
Received Date					03/23/2004 16:30
Extraction Date					
Analysis Date					03/25/2004 01:01
Extraction HT Met?	NA	NA	NA	NA	-
Analytical HT Met?					YES
Sample Matrix					WATER
Dilution Factor					1.0
Sample wt/vol					0.005 LITERS
% Dry					

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID Job No & Lab Sample ID	PRESERVED TRIP BLANK A04-2426 A4242618	TRIP BLANK (UNPRE) A04-2426 A4242617			
Sample Date	03/23/2004	03/23/2004			
Received Date	03/23/2004 16:30	03/23/2004 16:30			
Extraction Date					
Analysis Date	03/25/2004 00:30	03/24/2004 23:59			
Extraction HT Met?	-	-			
Analytical HT Met?	YES	YES			
Sample Matrix	WATER	WATER			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.005 LITERS	0.005 LITERS			
% Dry					

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	BO-21-8 MS A04-2426 A4242620MS	BO-21-8 SD A04-2426 A4242620SD	Matrix Spike Blank A04-2426 A4242622	Matrix Spike Blank A04-2426 A4242624	Matrix Spike Blank A04-2426 A4242626
Sample Date	03/23/2004	03/23/2004			
Received Date	03/23/2004 16:30	03/23/2004 16:30			
Extraction Date					
Analysis Date	03/25/2004 06:47	03/25/2004 07:36	03/24/2004 13:38	03/25/2004 12:02	03/25/2004 14:48
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	-	-	-
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL MED	SOIL LOW
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	1.12 GRAMS	1.04 GRAMS	1.0 GRAMS	5.0 GRAMS	1.0 GRAMS
% Dry	80.80	80.80	100.00	100.00	100.00

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank AO4-2426 A4242628				
Sample Date					
Received Date					
Extraction Date					
Analysis Date	03/24/2004 12:20				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	VBLK120 A04-2426 A4242621	VBLK145 A04-2426 A4242625	VBLK198 A04-2426 A4242623	VBLK260 A04-2426 A4242627	
Sample Date					
Received Date					
Extraction Date					
Analysis Date	03/24/2004 12:49	03/25/2004 13:51	03/25/2004 11:28		
Extraction HT Met?	-	-	-	NA	
Analytical HT Met?	-	-	-		
Sample Matrix	SOIL LOW	SOIL LOW	SOIL MED		
Dilution Factor	1.0	1.0	1.0		
Sample wt/vol	1.0 GRAMS	1.0 GRAMS	5.0 GRAMS		
% Dry	100.00	100.00	100.00		

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID Job No & Lab Sample ID	VBLK120 A04-2426 A4242621	VBLK145 A04-2426 A4242625	VBLK198 A04-2426 A4242623	VBLK260 A04-2426 A4242627	
Sample Date					
Received Date					
Extraction Date					
Analysis Date				03/24/2004 11:49	
Extraction HT Met?	NA	NA	NA	-	
Analytical HT Met?				-	
Sample Matrix				WATER	
Dilution Factor				1.0	
Sample wt/vol				0.005 LITERS	
% Dry					

NA = Not Applicable

Chain of Custody

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
FAGAN ENGINEERS	AARON GORGES	3/24/04	114397
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
113 E. CHEMUNG PLACE	(607) 734-2165/2169(F)		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
ELMIRA / NY / 14904	A. GORGES	PAT FILEY	
Project Name and Location (State)	**Carrier/Waybill Number**		
BOOTH OIL / TONAWANDA, NY			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: BTEX	TCLP	Special Instructions/ Conditions of Receipt
BO-2-5	3/24/04	10AM				X	X						X		
BO-4-5 (2-4oz Jars)						X	X							X	
BO-10A-4						X	X						X		
BO-12-4						X	X						X		
BO-13-4						X	X						X		
BO-4-4						X	X						X		
BO-17-5						X	X						X		
BO-16-4						X	X						X		
BO-19-5						X	X						X		
BO-7-4						X	X						X		
BO-2-7						X	X						X		
BO-10A-4						X	X						X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By	Date 3/24/04	Time	1. Received By STL BUFFALO	Date 3/25/04	Time 1630
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: 6.0°C, NO ICE

33134

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: FAGAN ENGINEERS	Project Manager: AARON GORGES	Date: 3/24/04	Chain of Custody Number: 114398
Address: 113 E. CHEMUNG PL	Telephone Number (Area Code)/Fax Number: (607) 734-2165 / 2164(F)	Lab Number:	Page 2 of 2
City: ELMIRA	State: NY	Zip Code: 14904	Site Contact: A. GORGES	Lab Contact: PAT FILEY
Project Name and Location (State): BOOTH OIL / TONAWANDA, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	BTEX	TCLP	Special Instructions/ Conditions of Receipt
BO-18-6	3/24/04	10:00				X	X						X		
BO-9-3						X	X						X		
BO-1-5						X	X						X		
BO-17-7						X	X						X		
BO-2-4						X	X						X		
TRIP BLANK				X			X						X		
PRESERVED TRIP BLANK				X						X			X		
FIELD BLANK				X						X			X		
BO-21-8						X	X						X		
BO-21-8 MS/MSD						X	X						X		

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: [ ] 24 Hours [X] 48 Hours [ ] 7 Days [ ] 14 Days [ ] 21 Days [ ] Other _____

QC Requirements (Specify):

1. Relinquished By	Date: 3/24/04	Time:	1. Received By: SA Buffalo	Date: 03/23/04	Time: 1630
2. Relinquished By	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By	Date:	Time:	3. Received By:	Date:	Time:

Comments: 6.0°C, NO ICE

34134

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Date: 03/26/2004
Time: 17:16:36

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8021 - BTEX - S

Rept: AN1246

Client ID		BO-1-5		BO-10A-4		BO-12-4		BO-12-4 RE	
Job No	Lab ID	A04-2426	A4242614	A04-2426	A4242603	A04-2426	A4242604	A04-2426	A4242604RE
Sample Date		03/23/2004		03/23/2004		03/23/2004		03/23/2004	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	2.4	1.1	52000	5200	21	1.1	2.6	1.2
Ethylbenzene	UG/KG	1.5	1.1	33000	5200	18	1.1	3.0	1.2
Toluene	UG/KG	6.8	1.1	130000	5200	78	1.1	8.4	1.2
o-Xylene	UG/KG	2.9	1.1	54000	5200	47	1.1	7.0	1.2
m/p-Xylenes	UG/KG	7.4	2.2	150000	10000	97	2.2	16	2.3
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	102	76-127	111	76-127	75 *	76-127	96	76-127
Fluorobenzene	%	97	60-130	82	60-130	73	60-130	95	60-130

Client ID		BO-13-4		BO-16-4		BO-17-5		BO-17-7	
Job No	Lab ID	A04-2426	A4242605	A04-2426	A4242608	A04-2426	A4242607	A04-2426	A4242615
Sample Date		03/23/2004		03/23/2004		03/23/2004		03/23/2004	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	8.2	1.1	ND	0.96	2.9	0.91	ND	52
Ethylbenzene	UG/KG	6.5	1.1	ND	0.96	2.6	0.91	330	52
Toluene	UG/KG	30	1.1	7.6	0.96	12	0.91	320	52
o-Xylene	UG/KG	14	1.1	6.1	0.96	5.1	0.91	6100	52
m/p-Xylenes	UG/KG	34	2.2	9.2	1.9	13	1.8	11000	100
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	105	76-127	102	76-127	103	76-127	108	76-127
Fluorobenzene	%	101	60-130	99	60-130	100	60-130	84	60-130

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/26/2004
Time: 17:16:36

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8021 - BTEX - S

Rept: AN1246

Client ID		BO-18-6		BO-19-5		BO-2-4		BO-2-4 RE	
Job No / Lab ID		A04-2426	A4242612	A04-2426	A4242609	A04-2426	A4242616	A04-2426	A4242616RE
Sample Date		03/23/2004		03/23/2004		03/23/2004		03/23/2004	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	1.1	52	11	13	1.2	1.6	1.1
Ethylbenzene	UG/KG	1.2	1.1	22	11	19	1.2	3.4	1.1
Toluene	UG/KG	3.2	1.1	150	11	61	1.2	7.5	1.1
o-Xylene	UG/KG	1.9	1.1	68	11	55	1.2	7.5	1.1
m/p-Xylenes	UG/KG	6.1	2.2	160	22	110	2.4	19	2.2
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	101	76-127	105	76-127	123	76-127	100	76-127
Fluorobenzene	%	97	60-130	70	60-130	112	60-130	97	60-130

Client ID		BO-2-5		BO-2-7		BO-21-8		BO-4-4	
Job No / Lab ID		A04-2426	A4242601	A04-2426	A4242611	A04-2426	A4242620	A04-2426	A4242606
Sample Date		03/23/2004		03/23/2004		03/23/2004		03/23/2004	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	9.5	1.2	2.1	1.1	1.9	1.1	ND	1.1
Ethylbenzene	UG/KG	ND	1.2	ND	1.1	1.2	1.1	ND	1.1
Toluene	UG/KG	7.0	1.2	6.6	1.1	3.9	1.1	ND	1.1
o-Xylene	UG/KG	ND	1.2	ND	1.1	5.1	1.1	ND	1.1
m/p-Xylenes	UG/KG	ND	2.4	11	2.1	12	2.2	ND	2.2
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	95	76-127	77	76-127	103	76-127	0 *	76-127
Fluorobenzene	%	92	60-130	72	60-130	98	60-130	0 *	60-130

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/26/2004
Time: 17:16:36

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8021 - BTEX - S

Rept: AN1246

Client ID		BO-4-4 RE		BO-7-4		BO-9-3			
Job No	Lab ID	A04-2426	A4242606RE	A04-2426	A4242610	A04-2426	A4242613		
Sample Date		03/23/2004		03/23/2004		03/23/2004			
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	0.96	3.6	0.92	200	10	NA	
Ethylbenzene	UG/KG	ND	0.96	3.0	0.92	150	10	NA	
Toluene	UG/KG	ND	0.96	13	0.92	520	10	NA	
o-Xylene	UG/KG	ND	0.96	8.1	0.92	180	10	NA	
m/p-Xylenes	UG/KG	ND	1.9	20	1.8	630	21	NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	98	76-127	103	76-127	130 *	76-127	NA	
Fluorobenzene	%	96	60-130	101	60-130	89	60-130	NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/26/2004
Time: 17:16:36

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8021 - BTEX - W

Rept: AN1246

Client ID		FIELD BLANK							
Job No	Lab ID	A04-2426	A4242619						
Sample Date		03/23/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	NA		NA		NA	
Ethylbenzene	UG/L	ND	0.20	NA		NA		NA	
Toluene	UG/L	ND	0.20	NA		NA		NA	
o-Xylene	UG/L	ND	0.20	NA		NA		NA	
m/p-Xylenes	UG/L	ND	0.40	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	95	71-127	NA		NA		NA	
Fluorobenzene	%	78	78-121	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Lab ID Sample Date		PRESERVED TRIP BLANK A04-2426 A4242618 03/23/2004		TRIP BLANK (UNPRE) A04-2426 A4242617 03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	ND	0.20	NA		NA	
Ethylbenzene	UG/L	ND	0.20	ND	0.20	NA		NA	
Toluene	UG/L	ND	0.20	ND	0.20	NA		NA	
o-Xylene	UG/L	ND	0.20	ND	0.20	NA		NA	
m/p-Xylenes	UG/L	ND	0.40	ND	0.40	NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	97	71-127	98	71-127	NA		NA	
Fluorobenzene	%	79	78-121	81	78-121	NA		NA	

NA = Not Applicable ND = Not Detected

ANALYTICAL REPORT

Job#: A04-2427

STL Project#: NY4A9186
Site Name: Fagan Engineering
Task: Booth Oil Site

Mr. Leo Brausch
131 Wedgewood Drive
Gibsonia, PA 15044

STL Buffalo

Ryan T. VanDette
Project Manager

03/31/2004

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	2970
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA, RCRA	C254
West Virginia	CWA	252
Wisconsin	CWA, RCRA	998310390
Wyoming UST	UST	NA

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4242702	BO-10A-4	03/23/2004		03/23/2004	16:30
A4242701	BO-4-5	03/23/2004		03/23/2004	16:30

METHODS SUMMARY

Job#: A04-2427

STL Project#: NY4A9186
Site Name: Fagan Engineering

PARAMETER	ANALYTICAL METHOD
FAGAN - METHOD 8260 - TCLP VOLATILES - S	SW8463 8260/5ML
FAGAN - 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES	SW8463 8270
FAGAN - METHOD 8081 - TCLP PESTICIDES - S	SW8463 8081
FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-S	SW8463 8082
FAGAN - METHOD 8151 - TCLP HERBICIDES - S	SW8463 8151
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7470
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Corrosivity (pH)	SW8463 9045
Flashpoint	SW8463 1010
H2S Released From Waste	SW8463 SECT7.3
HCN Released From Waste	SW8463 SECT7.3
Toxicity Characteristic Leaching Procedure	SW8463 1311

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A04-2427

STL Project#: NY4A9186
Site Name: Fagan Engineering

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A04-2427
Sample Cooler(s) were received at the following temperature(s); 6.0 NOICE °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Extractable Data

For method 8151, the recovery of surrogate Dichlorophenyl Acetic Acid in the TCLP extract for extractor blank J-1277 is outside of established quality control limits. This can be attributed to the effect of the low leaching pH on the extraction efficiency of the methyl esters. The recovery of all other surrogates and quality control within this batch are within expected limits; no corrective action is required.

For method 8082, sample BO-10A-4 required dilution prior to analysis due to the high concentration of target analytes. The surrogates were diluted out of the sample extract.

Metals Data

The analyte Mercury was detected in the Extractor Blank at a level above the project established reporting limit. All samples were non-detect for this analyte, therefore, no corrective action was necessary.

The analyte Barium was detected in the Extractor Blank at a level above the project established reporting limit. However, all samples had levels of Barium greater than ten times that of the Extractor Blank value, therefore, no corrective action was necessary.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
BO-4-5	A4242701	8260/5ML	10.00	007
BO-10A-4	A4242702	8082	20.00	008
BO-10A-4	A4242702	8260/5ML	10.00	007

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8260 - TCLP VOLATILES - S

Client ID		BO-10A-4		BO-4-5					
Job No	Lab ID	A04-2427	A4242702	A04-2427	A4242701				
Sample Date		03/23/2004		03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/L	0.055	0.050	0.36	0.050	NA		NA	
2-Butanone	MG/L	ND	0.25	ND	0.25	NA		NA	
Carbon Tetrachloride	MG/L	ND	0.050	ND	0.050	NA		NA	
Chlorobenzene	MG/L	ND	0.050	ND	0.050	NA		NA	
Chloroform	MG/L	ND	0.050	ND	0.050	NA		NA	
1,2-Dichloroethane	MG/L	ND	0.050	ND	0.050	NA		NA	
1,1-Dichloroethene	MG/L	ND	0.050	ND	0.050	NA		NA	
Tetrachloroethene	MG/L	ND	0.050	ND	0.050	NA		NA	
Trichloroethene	MG/L	ND	0.050	ND	0.050	NA		NA	
Vinyl chloride	MG/L	ND	0.050	ND	0.050	NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	98	50-200	95	50-200	NA		NA	
1,4-Difluorobenzene	%	99	50-200	96	50-200	NA		NA	
1,4-Dichlorobenzene-D4	%	99	50-200	94	50-200	NA		NA	
Toluene-D8	%	88	77-122	90	77-122	NA		NA	
p-Bromofluorobenzene	%	91	74-120	92	74-120	NA		NA	
1,2-Dichloroethane-D4	%	82	73-136	83	73-136	NA		NA	

10\56

NA = Not Applicable ND = Not Detected

Fagan Engineering
Booth Oil Site
FAGAN - 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES

Client ID		BO-10A-4		BO-4-5					
Job No	Lab ID	A04-2427	A4242702	A04-2427	A4242701				
Sample Date		03/23/2004		03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,4-Dichlorobenzene	MG/L	ND	0.040	ND	0.040	NA		NA	
2,4-Dinitrotoluene	MG/L	ND	0.040	ND	0.040	NA		NA	
Hexachlorobenzene	MG/L	ND	0.040	ND	0.040	NA		NA	
Hexachlorobutadiene	MG/L	ND	0.040	ND	0.040	NA		NA	
Hexachloroethane	MG/L	ND	0.040	ND	0.040	NA		NA	
3-Methylphenol	MG/L	ND	0.040	ND	0.040	NA		NA	
2-Methylphenol	MG/L	ND	0.040	ND	0.040	NA		NA	
4-Methylphenol	MG/L	ND	0.040	ND	0.040	NA		NA	
Nitrobenzene	MG/L	ND	0.040	ND	0.040	NA		NA	
Pentachlorophenol	MG/L	ND	0.20	ND	0.20	NA		NA	
Pyridine	MG/L	ND	0.10	ND	0.10	NA		NA	
2,4,5-Trichlorophenol	MG/L	ND	0.040	ND	0.040	NA		NA	
2,4,6-Trichlorophenol	MG/L	ND	0.040	ND	0.040	NA		NA	
==========IS/SURROGATE(S)==========									
1,4-Dichlorobenzene-D4	%	102	50-200	102	50-200	NA		NA	
Naphthalene-D8	%	107	50-200	104	50-200	NA		NA	
Acenaphthene-D10	%	107	50-200	107	50-200	NA		NA	
Phenanthrene-D10	%	103	50-200	113	50-200	NA		NA	
Chrysene-D12	%	98	50-200	106	50-200	NA		NA	
Perylene-D12	%	113	50-200	120	50-200	NA		NA	
Nitrobenzene-D5	%	73	37-120	73	37-120	NA		NA	
2-Fluorobiphenyl	%	88	47-120	85	47-120	NA		NA	
p-Terphenyl-d14	%	111	31-154	108	31-154	NA		NA	
Phenol-D5	%	36	10-110	32	10-110	NA		NA	
2-Fluorophenol	%	50	18-120	46	18-120	NA		NA	
2,4,6-Tribromophenol	%	91	41-149	80	41-149	NA		NA	

11\56

NA = Not Applicable ND = Not Detected

Client ID		BO-10A-4		BO-4-5					
Job No	Lab ID	A04-2427	A4242702	A04-2427	A4242701				
Sample Date		03/23/2004		03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
gamma-BHC (Lindane)	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Chlordane	MG/L	ND	0.0020	ND	0.0020	NA		NA	
Endrin	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Heptachlor	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Heptachlor epoxide	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Methoxychlor	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Toxaphene	MG/L	ND	0.0040	ND	0.0040	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	78	36-132	88	36-132	NA		NA	
Decachlorobiphenyl	%	80	28-132	88	28-132	NA		NA	

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NA = Not Applicable ND = Not Detected

Client ID		BO-10A-4		BO-4-5					
Job No	Lab ID	A04-2427	A4242702	A04-2427	A4242701				
Sample Date		03/23/2004		03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	360	ND	19	NA		NA	
Aroclor 1221	UG/KG	ND	360	ND	19	NA		NA	
Aroclor 1232	UG/KG	ND	360	ND	19	NA		NA	
Aroclor 1242	UG/KG	ND	360	ND	19	NA		NA	
Aroclor 1248	UG/KG	850	360	43	19	NA		NA	
Aroclor 1254	UG/KG	ND	360	ND	19	NA		NA	
Aroclor 1260	UG/KG	1600	360	44	19	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	0 D	32-148	85	32-148	NA		NA	
Decachlorobiphenyl	%	0 D	36-153	100	36-153	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		BO-10A-4		BO-4-5					
Job No	Lab ID	AO4-2427	A4242702	AO4-2427	A4242701				
Sample Date		03/23/2004		03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
2,4-D	MG/L	ND	0.0020	ND	0.0020	NA		NA	
2,4,5-TP (Silvex)	MG/L	ND	0.0020	ND	0.0020	NA		NA	
SURROGATE(S)									
Dichlorophenyl Acetic Acid	%	28	20-163	21	20-163	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		BO-10A-4		BO-4-5					
Job No	Lab ID	A04-2427	A4242702	A04-2427	A4242701				
Sample Date		03/23/2004		03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.010	ND	0.010	NA		NA	
Barium - Total	MG/L	0.62	0.0020	0.70	0.0020	NA		NA	
Cadmium - Total	MG/L	0.0017	0.0010	0.0024	0.0010	NA		NA	
Chromium - Total	MG/L	ND	0.0040	0.014	0.0040	NA		NA	
Lead - Total	MG/L	0.33	0.0060	0.060	0.0060	NA		NA	
Mercury - Total	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Selenium - Total	MG/L	ND	0.015	ND	0.015	NA		NA	
Silver - Total	MG/L	ND	0.0030	ND	0.0030	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		BO-10A-4		BO-4-5					
Job No	Lab ID	AO4-2427	A4242702	AO4-2427	A4242701				
Sample Date		03/23/2004		03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Corrosivity (pH)	S.U.	7.83	0	7.71	0	NA		NA	
Flashpoint	°F	>200	0	>200	0	NA		NA	
H2S Released From Waste	MG/KG	ND	10	ND	10	NA		NA	
HCN Released From Waste	MG/KG	ND	10	ND	10	NA		NA	

NA = Not Applicable ND = Not Detected

Chronology and QC Summary Package

Client ID		EBLK Z-1230		VBLK76					
Job No	Lab ID	A04-2427	A4242704	A04-2427	A4242705				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/L	ND	0.050	ND	0.0050	NA		NA	
2-Butanone	MG/L	ND	0.25	ND	0.025	NA		NA	
Carbon Tetrachloride	MG/L	ND	0.050	ND	0.0050	NA		NA	
Chlorobenzene	MG/L	ND	0.050	ND	0.0050	NA		NA	
Chloroform	MG/L	ND	0.050	ND	0.0050	NA		NA	
1,2-Dichloroethane	MG/L	ND	0.050	ND	0.0050	NA		NA	
1,1-Dichloroethene	MG/L	ND	0.050	ND	0.0050	NA		NA	
Tetrachloroethene	MG/L	ND	0.050	ND	0.0050	NA		NA	
Trichloroethene	MG/L	ND	0.050	ND	0.0050	NA		NA	
Vinyl chloride	MG/L	ND	0.050	ND	0.0050	NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	96	50-200	93	50-200	NA		NA	
1,4-Difluorobenzene	%	98	50-200	94	50-200	NA		NA	
1,4-Dichlorobenzene-D4	%	95	50-200	90	50-200	NA		NA	
Toluene-D8	%	89	77-122	91	77-122	NA		NA	
p-Bromofluorobenzene	%	91	74-120	92	74-120	NA		NA	
1,2-Dichloroethane-D4	%	81	73-136	85	73-136	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		MSB76							
Job No	Lab ID	A04-2427	A4242706						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/L	0.047	0.0050	NA		NA		NA	
2-Butanone	MG/L	0.22	0.025	NA		NA		NA	
Carbon Tetrachloride	MG/L	0.045	0.0050	NA		NA		NA	
Chlorobenzene	MG/L	0.047	0.0050	NA		NA		NA	
Chloroform	MG/L	0.047	0.0050	NA		NA		NA	
1,2-Dichloroethane	MG/L	0.045	0.0050	NA		NA		NA	
1,1-Dichloroethene	MG/L	0.051	0.0050	NA		NA		NA	
Tetrachloroethene	MG/L	0.046	0.0050	NA		NA		NA	
Trichloroethene	MG/L	0.047	0.0050	NA		NA		NA	
Vinyl chloride	MG/L	0.047	0.0050	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	102	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	103	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	102	50-200	NA		NA		NA	
Toluene-D8	%	89	77-122	NA		NA		NA	
p-Bromofluorobenzene	%	91	74-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	79	73-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		J-1277		S Blank					
Job No	Lab ID	A04-2427	A4242703	A04-2427	A4B0736203				
Sample Date		03/23/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,4-Dichlorobenzene	MG/L	ND	0.040	ND	0.040	NA		NA	
2,4-Dinitrotoluene	MG/L	ND	0.040	ND	0.040	NA		NA	
Hexachlorobenzene	MG/L	ND	0.040	ND	0.040	NA		NA	
Hexachlorobutadiene	MG/L	ND	0.040	ND	0.040	NA		NA	
Hexachloroethane	MG/L	ND	0.040	ND	0.040	NA		NA	
3-Methylphenol	MG/L	ND	0.040	ND	0.040	NA		NA	
2-Methylphenol	MG/L	ND	0.040	ND	0.040	NA		NA	
4-Methylphenol	MG/L	ND	0.040	ND	0.040	NA		NA	
Nitrobenzene	MG/L	ND	0.040	ND	0.040	NA		NA	
Pentachlorophenol	MG/L	ND	0.20	ND	0.20	NA		NA	
Pyridine	MG/L	ND	0.10	ND	0.10	NA		NA	
2,4,5-Trichlorophenol	MG/L	ND	0.040	ND	0.040	NA		NA	
2,4,6-Trichlorophenol	MG/L	ND	0.040	ND	0.040	NA		NA	
==========IS/SURROGATE(S)==========									
1,4-Dichlorobenzene-D4	%	88	50-200	100	50-200	NA		NA	
Naphthalene-D8	%	89	50-200	104	50-200	NA		NA	
Acenaphthene-D10	%	86	50-200	102	50-200	NA		NA	
Phenanthrene-D10	%	85	50-200	103	50-200	NA		NA	
Chrysene-D12	%	78	50-200	89	50-200	NA		NA	
Perylene-D12	%	96	50-200	106	50-200	NA		NA	
Nitrobenzene-D5	%	76	37-120	75	37-120	NA		NA	
2-Fluorobiphenyl	%	89	47-120	87	47-120	NA		NA	
p-Terphenyl-d14	%	104	31-154	103	31-154	NA		NA	
Phenol-D5	%	32	10-110	34	10-110	NA		NA	
2-Fluorophenol	%	48	18-120	49	18-120	NA		NA	
2,4,6-Tribromophenol	%	84	41-149	78	41-149	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Matrix Spike Blank		Matrix Spike Blk Dup					
Job No	Lab ID	AO4-2427	A4B0736201	AO4-2427	A4B0736202				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,4-Dichlorobenzene	MG/L	0.23	0.040	0.18	0.040	NA		NA	
2,4-Dinitrotoluene	MG/L	0.30	0.040	0.27	0.040	NA		NA	
Hexachlorobenzene	MG/L	0.24	0.040	0.23	0.040	NA		NA	
Hexachlorobutadiene	MG/L	0.18	0.040	0.14	0.040	NA		NA	
Hexachloroethane	MG/L	0.19	0.040	0.15	0.040	NA		NA	
3-Methylphenol	MG/L	0.58	0.040	0.52	0.040	NA		NA	
2-Methylphenol	MG/L	0.30	0.040	0.27	0.040	NA		NA	
4-Methylphenol	MG/L	0.58	0.040	0.52	0.040	NA		NA	
Nitrobenzene	MG/L	0.29	0.040	0.24	0.040	NA		NA	
Pentachlorophenol	MG/L	0.26	0.20	0.26	0.20	NA		NA	
Pyridine	MG/L	0.17	0.10	0.16	0.10	NA		NA	
2,4,5-Trichlorophenol	MG/L	0.35	0.040	0.31	0.040	NA		NA	
2,4,6-Trichlorophenol	MG/L	0.33	0.040	0.29	0.040	NA		NA	
==========IS/SURROGATE(S)==========									
1,4-Dichlorobenzene-D4	%	97	50-200	108	50-200	NA		NA	
Naphthalene-D8	%	97	50-200	107	50-200	NA		NA	
Acenaphthene-D10	%	97	50-200	107	50-200	NA		NA	
Phenanthrene-D10	%	96	50-200	106	50-200	NA		NA	
Chrysene-D12	%	84	50-200	91	50-200	NA		NA	
Perylene-D12	%	103	50-200	109	50-200	NA		NA	
Nitrobenzene-D5	%	74	37-120	64	37-120	NA		NA	
2-Fluorobiphenyl	%	84	47-120	75	47-120	NA		NA	
p-Terphenyl-d14	%	108	31-154	103	31-154	NA		NA	
Phenol-D5	%	35	10-110	31	10-110	NA		NA	
2-Fluorophenol	%	49	18-120	44	18-120	NA		NA	
2,4,6-Tribromophenol	%	82	41-149	76	41-149	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		J-1277		Method Blank					
Job No	Lab ID	A04-2427	A4242703	A04-2427	A4B0736303				
Sample Date		03/23/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
gamma-BHC (Lindane)	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Chlordane	MG/L	ND	0.0020	ND	0.0020	NA		NA	
Endrin	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Heptachlor	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Heptachlor epoxide	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Methoxychlor	MG/L	ND	0.00020	ND	0.00020	NA		NA	
Toxaphene	MG/L	ND	0.0040	ND	0.0040	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	85	36-132	84	36-132	NA		NA	
Decachlorobiphenyl	%	66	28-132	85	28-132	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Method Blank							
Job No	Lab ID	A04-2427	A4B0736503						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	17	NA		NA		NA	
Aroclor 1221	UG/KG	ND	17	NA		NA		NA	
Aroclor 1232	UG/KG	ND	17	NA		NA		NA	
Aroclor 1242	UG/KG	ND	17	NA		NA		NA	
Aroclor 1248	UG/KG	ND	17	NA		NA		NA	
Aroclor 1254	UG/KG	ND	17	NA		NA		NA	
Aroclor 1260	UG/KG	ND	17	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	94	32-148	NA		NA		NA	
Decachlorobiphenyl	%	102	36-153	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		J-1277		Method Blank					
Job No	Lab ID	A04-2427	A4242703	A04-2427	A4B0736403				
Sample Date		03/23/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
2,4-D	MG/L	ND	0.0020	ND	0.0020	NA		NA	
2,4,5-TP (Silvex)	MG/L	ND	0.0020	ND	0.0020	NA		NA	
SURROGATE(S)									
Dichlorophenyl Acetic Acid	%	15 *	20-163	100	20-163	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Matrix Spike Blank		Matrix Spike Blk Dup					
Job No	Lab ID	A04-2427	A4B0736301	A04-2427	A4B0736302				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
gamma-BHC (Lindane)	MG/L	0.0016	0.00020	0.0018	0.00020	NA		NA	
Chlordane	MG/L	ND	0.0020	ND	0.0020	NA		NA	
Endrin	MG/L	0.0017	0.00020	0.0019	0.00020	NA		NA	
Heptachlor	MG/L	0.0014	0.00020	0.0015	0.00020	NA		NA	
Heptachlor epoxide	MG/L	0.0017	0.00020	0.0019	0.00020	NA		NA	
Methoxychlor	MG/L	0.0017	0.00020	0.0018	0.00020	NA		NA	
Toxaphene	MG/L	ND	0.0040	ND	0.0040	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	77	36-132	84	36-132	NA		NA	
Decachlorobiphenyl	%	66	28-132	82	28-132	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Matrix Spike Blank		Matrix Spike Blk Dup					
Job No / Lab ID		A04-2427 / A4B0736501		A04-2427 / A4B0736502					
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	16	ND	16	NA		NA	
Aroclor 1221	UG/KG	ND	16	ND	16	NA		NA	
Aroclor 1232	UG/KG	ND	16	ND	16	NA		NA	
Aroclor 1242	UG/KG	ND	16	ND	16	NA		NA	
Aroclor 1248	UG/KG	ND	16	ND	16	NA		NA	
Aroclor 1254	UG/KG	180	16	170	16	NA		NA	
Aroclor 1260	UG/KG	ND	16	ND	16	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	94	32-148	92	32-148	NA		NA	
Decachlorobiphenyl	%	97	36-153	102	36-153	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Matrix Spike Blank		Matrix Spike Blk Dup					
Job No	Lab ID	A04-2427	A4B0736401	A04-2427	A4B0736402				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
2,4-D	MG/L	0.0053	0.0020	0.0040	0.0020	NA		NA	
2,4,5-TP (Silvex)	MG/L	0.0074	0.0020	0.0041	0.0020	NA		NA	
SURROGATE(S)									
Dichlorophenyl Acetic Acid	%	70	20-163	68	20-163	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID Job No Lab ID Sample Date		Extractor Blank A04-2427 A4B0738704		Extractor Blank A04-2427 A4B0741005		Method Blank A04-2427 A4B0738705		Method Blank A04-2427 A4B0741009	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.010	NA		ND	0.010	NA	
Barium - Total	MG/L	0.018	0.0020	NA		ND	0.0020	NA	
Cadmium - Total	MG/L	ND	0.0010	NA		ND	0.0010	NA	
Selenium - Total	MG/L	ND	0.015	NA		ND	0.015	NA	
Mercury - Total	MG/L	NA		0.00050	0.00020	NA		ND	0.00020
Chromium - Total	MG/L	ND	0.0040	NA		ND	0.0040	NA	
Lead - Total	MG/L	ND	0.0060	NA		ND	0.0060	NA	
Silver - Total	MG/L	ND	0.0030	NA		ND	0.0030	NA	

NA = Not Applicable ND = Not Detected

Client ID		BO-4-5		BO-4-5		LCS		LCS	
Job No	Lab ID	AO4-2427	A4242701MS	AO4-2427	A4242701SD	AO4-2427	A4B0738702	AO4-2427	A4B0741006
Sample Date		03/23/2004		03/23/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	0.20	0.010	0.20	0.010	0.20	0.010	NA	
Barium - Total	MG/L	0.87	0.0020	0.87	0.0020	0.21	0.0020	NA	
Cadmium - Total	MG/L	0.17	0.0010	0.18	0.0010	0.18	0.0010	NA	
Chromium - Total	MG/L	0.19	0.0040	0.20	0.0040	0.19	0.0040	NA	
Lead - Total	MG/L	0.24	0.0060	0.25	0.0060	0.19	0.0060	NA	
Mercury - Total	MG/L	0.0067	0.00020	0.0067	0.00020	NA		0.0058	0.00020
Selenium - Total	MG/L	0.20	0.015	0.20	0.015	0.20	0.015	NA	
Silver - Total	MG/L	0.051	0.0030	0.051	0.0030	0.051	0.0030	NA	

NA = Not Applicable ND = Not Detected

Client ID		Method Blank							
Job No	Lab ID	A04-2427	A4B0734902						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
H2S Released From Waste	MG/KG	ND	10	NA		NA		NA	
HCN Released From Waste	MG/KG	ND	10	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		LCS		LCS		LCS			
Job No	Lab ID	A04-2427	A4B0734901	A04-2427	A4B0735001	A04-2427	A4B0753102		
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
H2S Released From Waste	MG/KG	260	10	NA		NA		NA	
Corrosivity (pH)	S.U.	NA		7.00	0	NA		NA	
Flashpoint	°F	NA		NA		80.2	0	NA	
HCN Released From Waste	MG/KG	319	10	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: VBLK76 MSB76
Lab Sample ID: A4242705 A4242706

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - METHOD 8260 - TCLP VOLATILES - S					
Benzene	MG/L	0.0472	0.0500	94	77-123
2-Butanone	MG/L	0.218	0.250	87	64-139
Carbon Tetrachloride	MG/L	0.0454	0.0500	91	75-128
Chlorobenzene	MG/L	0.0471	0.0500	94	77-121
Chloroform	MG/L	0.0467	0.0500	94	75-126
1,2-Dichloroethane	MG/L	0.0451	0.0500	90	74-126
1,1-Dichloroethene	MG/L	0.0511	0.0500	102	66-142
Tetrachloroethene	MG/L	0.0460	0.0500	92	77-120
Trichloroethene	MG/L	0.0472	0.0500	94	77-123
Vinyl chloride	MG/L	0.0468	0.0500	94	55-145

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: S Blank | Matrix Spike Blank | Matrix Spike Blk Dup
Lab Sample ID: A4B0736203 | A4B0736201 | A4B0736202

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
FAGAN - 8270 - TCLP BASE NEUTRAL/ACID EX											
1,4-Dichlorobenzene	MG/L	0.226	0.182	0.400	0.400	56	46	51	20	36.0	15-120
2,4-Dinitrotoluene	MG/L	0.295	0.273	0.400	0.400	74	68	71	8	20.0	52-130
Hexachlorobenzene	MG/L	0.245	0.229	0.400	0.400	61	57	59	7	15.0	39-132
Hexachlorobutadiene	MG/L	0.175	0.136	0.400	0.400	44	34	39	26	44.0	8-120
Hexachloroethane	MG/L	0.191	0.149	0.400	0.400	48	37	43	26	46.0	3-120
2-Methylphenol	MG/L	0.296	0.269	0.400	0.400	74	67	71	10	27.0	28-125
3-Methylphenol	MG/L	0.582	0.525	0.800	0.800	73	66	70	10	22.0	20-120
4-Methylphenol	MG/L	0.582	0.525	0.800	0.800	73	66	70	10	24.0	23-120
Nitrobenzene	MG/L	0.289	0.244	0.400	0.400	72	61	67	16	24.0	38-120
Pentachlorophenol	MG/L	0.265	0.263	0.400	0.400	66	66	66	0	37.0	22-131
Pyridine	MG/L	0.168	0.156	0.400	0.400	42	39	41	7	49.0	3-120
2,4,5-Trichlorophenol	MG/L	0.348	0.313	0.400	0.400	87	78	83	11	18.0	57-130
2,4,6-Trichlorophenol	MG/L	0.329	0.291	0.400	0.400	82	73	78	12	19.0	36-125

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank | Matrix Spike Blank | Matrix Spike Blk Dup
Lab Sample ID: A4B0736303 | A4B0736301 | A4B0736302

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
FAGAN - METHOD 8081 - TCLP PESTICIDES -											
gamma-BHC (Lindane)	MG/L	0.00162	0.00183	0.00200	0.00200	81	92	87	13	30.0	32-127
Endrin	MG/L	0.00168	0.00188	0.00200	0.00200	84	94	89	11	30.0	30-147
Heptachlor	MG/L	0.00137	0.00151	0.00200	0.00200	68	76	72	11	30.0	37-125
Heptachlor epoxide	MG/L	0.00174	0.00194	0.00200	0.00200	87	97	92	11	30.0	49-134
Methoxychlor	MG/L	0.00166	0.00182	0.00200	0.00200	83	91	87	9	30.0	38-153

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank Matrix Spike Blank Matrix Spike Blk Dup
Lab Sample ID: A4B0736403 A4B0736401 A4B0736402

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
FAGAN - METHOD 8151 - TCLP HERBICIDES -											
2,4-D	MG/L	0.00532	0.00402	0.00800	0.00800	66	50	58	28	30.0	33-192
2,4,5-TP (Silvex)	MG/L	0.00743	0.00414	0.00800	0.00800	93	52	73	56 *	30.0	29-179

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank Matrix Spike Blank Matrix Spike Blk Dup
Lab Sample ID: A4B0736503 A4B0736501 A4B0736502

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			% RPD	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg		RPD	REC.
FAGAN - METHOD 8082 - POLYCHLORINATED BI											
Aroclor 1254	UG/KG	177	171	165	165	107	104	106	3	30.0	52-153

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: BO-4-5 BO-4-5 BO-4-5
Lab Sample ID: A4242701 A4242701MS A4242701SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			%	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg	RPD	RPD	REC.
FAGAN - TCLP METALS - S												
FAGAN - TCLP TOTAL ARSENIC - S	MG/L	0.00590	0.201	0.203	0.200	0.200	98	99	99	1	20.0	75-125
FAGAN - TCLP TOTAL BARIUM - S	MG/L	0.705	0.868	0.871	0.200	0.200	82	83	83	1	20.0	80-120
FAGAN - TCLP TOTAL CADMIUM - S	MG/L	0.00240	0.173	0.175	0.200	0.200	86	86	86	0	20.0	80-120
FAGAN - TCLP TOTAL CHROMIUM - S	MG/L	0.0137	0.194	0.195	0.200	0.200	90	91	91	1	20.0	80-120
FAGAN - TCLP TOTAL LEAD - S	MG/L	0.0598	0.244	0.247	0.200	0.200	92	94	93	2	20.0	80-120
FAGAN - TCLP TOTAL MERCURY - S	MG/L	0.00015	0.00670	0.00667	0.00666	0.00666	98	98	98	0	20.0	80-120
FAGAN - TCLP TOTAL SELENIUM - S	MG/L	0.00420	0.200	0.199	0.200	0.200	98	98	98	0	20.0	80-120
FAGAN - TCLP TOTAL SILVER - S	MG/L	0	0.0510	0.0511	0.0500	0.0500	102	102	102	0	20.0	75-125

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Extractor Blank LCS
Lab Sample ID: A4B0738704 A4B0738702

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - TCLP METALS - S					
FAGAN - TCLP TOTAL ARSENIC - S	MG/L	0.197	0.200	98	80-120
FAGAN - TCLP TOTAL BARIUM - S	MG/L	0.209	0.200	96	80-120
FAGAN - TCLP TOTAL CADMIUM - S	MG/L	0.183	0.200	92	80-120
FAGAN - TCLP TOTAL CHROMIUM - S	MG/L	0.188	0.200	94	80-120
FAGAN - TCLP TOTAL LEAD - S	MG/L	0.192	0.200	96	80-120
FAGAN - TCLP TOTAL SELENIUM - S	MG/L	0.199	0.200	99	80-120
FAGAN - TCLP TOTAL SILVER - S	MG/L	0.0508	0.0500	102	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Extractor Blank LCS
Lab Sample ID: A4B0741005 A4B0741006

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - TCLP METALS - S					
FAGAN - TCLP TOTAL MERCURY - S	MG/L	0.00583	0.00666	80	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A4B0734902 A4B0734901

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
FAGAN - METHOD SECTION 7.3 - REACTIVIT	MG/KG	318.6	1000	32	10-100
FAGAN - METHOD SECTION 7.3 - REACTIVIT	MG/KG	260.0	570.0	46	10-100

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

FAGAN - METHOD 8260 - TCLP VOLATILES - S

Client Sample ID Job No & Lab Sample ID	BO-10A-4 AO4-2427 A4242702	BO-4-5 AO4-2427 A4242701			
Sample Date	03/23/2004	03/23/2004			
Received Date	03/23/2004 16:30	03/23/2004 16:30			
TCLP Date/Time	03/23/2004 17:00	03/23/2004 17:00			
Extraction Date					
Analysis Date	03/25/2004 08:34	03/25/2004 09:04			
TCLP Extraction HT Met?	YES	YES			
Extraction HT Met?	-	-			
Analytical HT Met?	YES	YES			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	10.0	10.0			
Sample wt/vol	0.005 LITERS	0.005 LITERS			
% Dry					

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NA = Not Applicable

FAGAN - METHOD 8260 - TCLP VOLATILES - S

Client Sample ID	MSB76				
Job No & Lab Sample ID	A04-2427 A4242706				
Sample Date					
Received Date					
TCLP Date/Time	-				
Extraction Date					
Analysis Date	03/24/2004 23:20				
TCLP Extraction HT Met?	-				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

42\56

NA = Not Applicable

FAGAN - METHOD 8260 - TCLP VOLATILES - S

Client Sample ID Job No & Lab Sample ID	EBLK Z-1230 A04-2427 A4242704	VBLK76 A04-2427 A4242705			
Sample Date					
Received Date					
TCLP Date/Time	03/25/2004 03:19	-			
Extraction Date					
Analysis Date	03/25/2004 03:19	03/25/2004 00:20			
TCLP Extraction HT Met?	YES	-			
Extraction HT Met?	-	-			
Analytical HT Met?	-	-			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	10.0	1.0			
Sample wt/vol	0.005 LITERS	0.005 LITERS			
% Dry					

43\56

NA = Not Applicable

FAGAN - 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES

Client Sample ID Job No & Lab Sample ID	BO-10A-4 AO4-2427 A4242702	BO-4-5 AO4-2427 A4242701			
Sample Date	03/23/2004	03/23/2004			
Received Date	03/23/2004 16:30	03/23/2004 16:30			
TCLP Date/Time	03/23/2004 17:00	03/23/2004 17:00			
Extraction Date	03/25/2004 07:00	03/25/2004 07:00			
Analysis Date	03/25/2004 13:04	03/25/2004 12:30			
TCLP Extraction HT Met?	YES	YES			
Extraction HT Met?	YES	YES			
Analytical HT Met?	YES	YES			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.25 LITERS	0.25 LITERS			
% Dry					

44\56

NA = Not Applicable

FAGAN - 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank AO4-2427 A4B0736201	Matrix Spike Blk Dup AO4-2427 A4B0736202			
Sample Date					
Received Date					
TCLP Date/Time	-	-			
Extraction Date	03/25/2004 07:00	03/25/2004 07:00			
Analysis Date	03/25/2004 14:47	03/25/2004 15:22			
TCLP Extraction HT Met?	-	-			
Extraction HT Met?	-	-			
Analytical HT Met?	-	-			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.25 LITERS	0.25 LITERS			
% Dry					

NA = Not Applicable

FAGAN - 8270 - TCLP BASE NEUTRAL/ACID EXTRACTABLES

Client Sample ID Job No & Lab Sample ID	J-1277 AO4-2427 A4242703	S Blank AO4-2427 A4B0736203			
Sample Date	03/23/2004				
Received Date	03/23/2004 16:30				
TCLP Date/Time	-	-			
Extraction Date	03/25/2004 07:00	03/25/2004 07:00			
Analysis Date	03/25/2004 13:39	03/25/2004 15:56			
TCLP Extraction HT Met?	-	-			
Extraction HT Met?	YES	-			
Analytical HT Met?	YES	-			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.25 LITERS	0.25 LITERS			
% Dry					

NA = Not Applicable

FAGAN - METHOD 8081 - TCLP PESTICIDES - S

Client Sample ID	BO-10A-4	BO-4-5			
Job No & Lab Sample ID	AO4-2427 A4242702	AO4-2427 A4242701			
Sample Date	03/23/2004	03/23/2004			
Received Date	03/23/2004 16:30	03/23/2004 16:30			
TCLP Date/Time	03/23/2004 17:00	03/23/2004 17:00			
Extraction Date	03/25/2004 07:00	03/25/2004 07:00			
Analysis Date	03/27/2004 23:49	03/27/2004 23:13			
TCLP Extraction HT Met?	YES	YES			
Extraction HT Met?	YES	YES			
Analytical HT Met?	YES	YES			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.25 LITERS	0.25 LITERS			
% Dry					

FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-S

Client Sample ID	BO-10A-4	BO-4-5			
Job No & Lab Sample ID	AO4-2427 A4242702	AO4-2427 A4242701			
Sample Date	03/23/2004	03/23/2004			
Received Date	03/23/2004 16:30	03/23/2004 16:30			
Extraction Date	03/25/2004 07:00	03/25/2004 07:00			
Analysis Date	03/26/2004 12:14	03/26/2004 12:02			
Extraction HT Met?	YES	YES			
Analytical HT Met?	YES	YES			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	20.0	1.0			
Sample wt/vol	30.39 GRAMS	30.47 GRAMS			
% Dry	91.84	86.29			

FAGAN - METHOD 8151 - TCLP HERBICIDES - S

Client Sample ID	BO-10A-4	BO-4-5			
Job No & Lab Sample ID	AO4-2427 A4242702	AO4-2427 A4242701			
Sample Date	03/23/2004	03/23/2004			
Received Date	03/23/2004 16:30	03/23/2004 16:30			
TCLP Date/Time	03/23/2004 17:00	03/23/2004 17:00			
Extraction Date	03/25/2004 07:00	03/25/2004 07:00			
Analysis Date	03/26/2004 15:01	03/26/2004 14:16			
TCLP Extraction HT Met?	YES	YES			
Extraction HT Met?	YES	YES			
Analytical HT Met?	YES	YES			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.25 LITERS	0.25 LITERS			
% Dry					

4756

NA = Not Applicable

FAGAN - METHOD 8081 - TCLP PESTICIDES - S

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-2427 A4B0736301	Matrix Spike Blank A04-2427 A4B0736401	Matrix Spike Blank A04-2427 A4B0736501	Matrix Spike Blk Dup A04-2427 A4B0736302	Matrix Spike Blk Dup A04-2427 A4B0736402
Sample Date					
Received Date					
TCLP Date/Time	-			-	
Extraction Date	03/25/2004 07:00			03/25/2004 07:00	
Analysis Date	03/27/2004 21:28			03/27/2004 22:03	
TCLP Extraction HT Met?	-			-	
Extraction HT Met?	-	NA	NA	-	NA
Analytical HT Met?	-			-	
Sample Matrix	SOIL LOW			SOIL LOW	
Dilution Factor	1.0			1.0	
Sample wt/vol	0.25 LITERS			0.25 LITERS	
% Dry					

FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-S

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-2427 A4B0736301	Matrix Spike Blank A04-2427 A4B0736401	Matrix Spike Blank A04-2427 A4B0736501	Matrix Spike Blk Dup A04-2427 A4B0736302	Matrix Spike Blk Dup A04-2427 A4B0736402
Sample Date					
Received Date					
Extraction Date			03/25/2004 07:00		
Analysis Date			03/26/2004 11:24		
Extraction HT Met?	NA	NA	-	NA	NA
Analytical HT Met?			-		
Sample Matrix			SOIL LOW		
Dilution Factor			1.0		
Sample wt/vol			30.19 GRAMS		
% Dry			100.00		

FAGAN - METHOD 8151 - TCLP HERBICIDES - S

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-2427 A4B0736301	Matrix Spike Blank A04-2427 A4B0736401	Matrix Spike Blank A04-2427 A4B0736501	Matrix Spike Blk Dup A04-2427 A4B0736302	Matrix Spike Blk Dup A04-2427 A4B0736402
Sample Date					
Received Date					
TCLP Date/Time		-			-
Extraction Date		03/25/2004 07:00			03/25/2004 07:00
Analysis Date		03/26/2004 16:33			03/26/2004 17:18
TCLP Extraction HT Met?		-			-
Extraction HT Met?	NA	-	NA	NA	-
Analytical HT Met?		-			-
Sample Matrix		SOIL LOW			SOIL LOW
Dilution Factor		1.0			1.0
Sample wt/vol		0.25 LITERS			0.25 LITERS
% Dry					

NA = Not Applicable

FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-S

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blk Dup A04-2427 A4B0736502				
Sample Date					
Received Date					
Extraction Date	03/25/2004 07:00				
Analysis Date	03/26/2004 11:37				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	30.28 GRAMS				
% Dry	100.00				

NA = Not Applicable

FAGAN - METHOD 8081 - TCLP PESTICIDES - S

Client Sample ID Job No & Lab Sample ID	J-1277 A04-2427 A4242703	Method Blank A04-2427 A4B0736303	Method Blank A04-2427 A4B0736403	Method Blank A04-2427 A4B0736503	
Sample Date	03/23/2004				
Received Date	03/23/2004 16:30				
TCLP Date/Time	-	-			
Extraction Date	03/25/2004 07:00	03/25/2004 07:00			
Analysis Date	03/28/2004 00:24	03/27/2004 22:38			
TCLP Extraction HT Met?	-	-			
Extraction HT Met?	YES	-	NA	NA	
Analytical HT Met?	YES	-			
Sample Matrix	SOIL LOW	SOIL LOW			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.25 LITERS	0.25 LITERS			
% Dry					

FAGAN - METHOD 8082 - POLYCHLORINATED BIPHENYLS-S

Client Sample ID Job No & Lab Sample ID	J-1277 A04-2427 A4242703	Method Blank A04-2427 A4B0736303	Method Blank A04-2427 A4B0736403	Method Blank A04-2427 A4B0736503	
Sample Date					
Received Date					
Extraction Date				03/25/2004 07:00	
Analysis Date				03/26/2004 11:49	
Extraction HT Met?	NA	NA	NA	-	
Analytical HT Met?				-	
Sample Matrix				SOIL LOW	
Dilution Factor				1.0	
Sample wt/vol				30.11 GRAMS	
% Dry				100.00	

FAGAN - METHOD 8151 - TCLP HERBICIDES - S

Client Sample ID Job No & Lab Sample ID	J-1277 A04-2427 A4242703	Method Blank A04-2427 A4B0736303	Method Blank A04-2427 A4B0736403	Method Blank A04-2427 A4B0736503	
Sample Date	03/23/2004				
Received Date	03/23/2004 16:30				
TCLP Date/Time	03/23/2004 17:00		-		
Extraction Date	03/25/2004 07:00		03/25/2004 07:00		
Analysis Date	03/26/2004 15:47		03/26/2004 18:04		
TCLP Extraction HT Met?	YES		-		
Extraction HT Met?	YES	NA	-	NA	
Analytical HT Met?	YES		-		
Sample Matrix	SOIL LOW		SOIL LOW		
Dilution Factor	1.0		1.0		
Sample wt/vol	0.25 LITERS		0.25 LITERS		
% Dry					

NA = Not Applicable

FAGEN ENGINEERING
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4242702	BO-10A-4	MG/L	Arsenic - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:31	Yes	SOIL
		MG/L	Barium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:31	Yes	SOIL
		MG/L	Cadmium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:31	Yes	SOIL
		MG/L	Chromium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:31	Yes	SOIL
		MG/L	Lead - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:31	Yes	SOIL
		MG/L	Mercury - Total	7470	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/25 17:30	Yes	SOIL
		MG/L	Selenium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:31	Yes	SOIL
		MG/L	Silver - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:31	Yes	SOIL
A4242701	BO-4-5	MG/L	Arsenic - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:14	Yes	SOIL
		MG/L	Barium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:14	Yes	SOIL
		MG/L	Cadmium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:14	Yes	SOIL
		MG/L	Chromium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:14	Yes	SOIL
		MG/L	Lead - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:14	Yes	SOIL
		MG/L	Mercury - Total	7470	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/25 17:26	Yes	SOIL
		MG/L	Selenium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:14	Yes	SOIL
		MG/L	Silver - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:14	Yes	SOIL

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

FAGEN ENGINEERING
QC CHRONOLOGY

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4242701MS	B0-4-5	MG/L	Arsenic - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:23	Yes	SOIL
		MG/L	Barium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:23	Yes	SOIL
		MG/L	Cadmium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:23	Yes	SOIL
		MG/L	Chromium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:23	Yes	SOIL
		MG/L	Lead - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:23	Yes	SOIL
		MG/L	Mercury - Total	7470	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/25 17:27	Yes	SOIL
		MG/L	Selenium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:23	Yes	SOIL
		MG/L	Silver - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:23	Yes	SOIL
A4242701SD	B0-4-5	MG/L	Arsenic - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:27	Yes	SOIL
		MG/L	Barium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:27	Yes	SOIL
		MG/L	Cadmium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:27	Yes	SOIL
		MG/L	Chromium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:27	Yes	SOIL
		MG/L	Lead - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:27	Yes	SOIL
		MG/L	Mercury - Total	7470	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/25 17:29	Yes	SOIL
		MG/L	Selenium - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:27	Yes	SOIL
		MG/L	Silver - Total	6010	1.00	03/23/2004	03/23 16:30	03/23 17:00	Yes	03/26 20:27	Yes	SOIL
A4B0738705	Method Blank	MG/L	Arsenic - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:15	Yes	WATER
		MG/L	Barium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:15	Yes	WATER
		MG/L	Cadmium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:15	Yes	WATER
		MG/L	Chromium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:15	Yes	WATER
		MG/L	Lead - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:15	Yes	WATER
		MG/L	Selenium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:15	Yes	WATER
		MG/L	Silver - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:15	Yes	WATER
A4B0741009	Method Blank	MG/L	Mercury - Total	7470	1.00	-	- 16:30	03/23 17:00	Yes	03/25 17:40	Yes	WATER
A4B0738704	Extractor Blank	MG/L	Arsenic - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:20	Yes	WATER
		MG/L	Barium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:20	Yes	WATER
		MG/L	Cadmium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:20	Yes	WATER
		MG/L	Chromium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:20	Yes	WATER
		MG/L	Lead - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:20	Yes	WATER
		MG/L	Selenium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:20	Yes	WATER
		MG/L	Silver - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:20	Yes	WATER
A4B0741005	Extractor Blank	MG/L	Mercury - Total	7470	1.00	-	- 16:30	03/23 17:00	Yes	03/25 17:32	Yes	WATER
A4B0738702	LCS	MG/L	Arsenic - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:28	Yes	WATER
		MG/L	Barium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:28	Yes	WATER
		MG/L	Cadmium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:28	Yes	WATER
		MG/L	Chromium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:28	Yes	WATER
		MG/L	Lead - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:28	Yes	WATER
		MG/L	Selenium - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:28	Yes	WATER
		MG/L	Silver - Total	6010	1.00	-	- 16:30	NA	NA	03/26 19:28	Yes	WATER
A4B0741006	LCS	MG/L	Mercury - Total	7470	1.00	-	- 16:30	03/23 17:00	Yes	03/25 17:34	Yes	WATER

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4242702	BO-10A-4	MG/KG	HCN Released From Waste	SECT7.3	1.00	03/23/2004	03/23 16:30	NA	NA	03/24 08:00	Yes	SOIL
		MG/KG	H2S Released From Waste	SECT7.3	1.00	03/23/2004	03/23 16:30	NA	NA	03/24 08:00	Yes	SOIL
		S.U.	Corrosivity (pH)	9045	1.00	03/23/2004	03/23 16:30	NA	NA	03/24 08:00	Yes	SOIL
		°F	Flashpoint	1010	1.00	03/23/2004	03/23 16:30	NA	NA	03/27 10:30	Yes	SOIL
A4242701	BO-4-5	MG/KG	HCN Released From Waste	SECT7.3	1.00	03/23/2004	03/23 16:30	NA	NA	03/24 08:00	Yes	SOIL
		MG/KG	H2S Released From Waste	SECT7.3	1.00	03/23/2004	03/23 16:30	NA	NA	03/24 08:00	Yes	SOIL
		S.U.	Corrosivity (pH)	9045	1.00	03/23/2004	03/23 16:30	NA	NA	03/24 08:00	Yes	SOIL
		°F	Flashpoint	1010	1.00	03/23/2004	03/23 16:30	NA	NA	03/27 10:30	Yes	SOIL

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AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4B0734902	Method Blank	MG/KG	HCN Released From Waste	SECT7.3	1.00	-	- 16:30	NA	NA	03/24 08:00	Yes	SOIL
		MG/KG	H2S Released From Waste	SECT7.3	1.00	-	- 16:30	NA	NA	03/24 08:00	Yes	SOIL
A4B0734901	LCS	MG/KG	HCN Released From Waste	SECT7.3	1.00	-	- 16:30	NA	NA	03/24 08:00	Yes	SOIL
		MG/KG	H2S Released From Waste	SECT7.3	1.00	-	- 16:30	NA	NA	03/24 08:00	Yes	SOIL
A4B0735001	LCS	S.U.	Corrosivity (pH)	9045	1.00	-	- 16:30	NA	NA	03/24 08:00	Yes	SOIL
A4B0753102	LCS	°F	Flashpoint	1010	1.00	-	- 16:30	NA	NA	03/27 10:30	Yes	SOIL

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Chain of Custody

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
FAGAN ENGINEERS	AARON GORGES	3/24/04	114397
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
113 E. CHEMUNG PLACE	(607) 734-2165/2169(F)		
City	**State** / **Zip Code**	**Site Contact**	**Lab Contact**
ELMIRA	NY / 14904	A. GORGES	PAT FILEY
Project Name and Location (State)	**Carrier/Waybill Number**		
BOOTH OIL / TONAWANDA, NY			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: BTEX	TCLP	Special Instructions/ Conditions of Receipt
BO-2-5	3/24/04	10AM				X	X						X		
BO-4-5 (2-40Z Jars)						X	X							X	
BO-10A-4						X	X						X		
BO-12-4						X	X						X		
BO-13-4						X	X						X		
BO-4-4						X	X						X		
BO-17-5						X	X						X		
BO-16-4						X	X						X		
BO-19-5						X	X						X		
BO-7-4						X	X						X		
BO-2-7						X	X						X		
BO-10A-4						X	X						X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☒ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/24/04		1. Received By SR RUSSELL	3/25/04	1630
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 6.0°C, NO ICE

DISTRIBUTION: WHITE - Returned to Client with Report: CANARY - Stays with the Sample: PINK - Field Copy

5956

ANALYTICAL REPORT

Job#: A04-3371

STL Project#: NY4A9186
Site Name: Fagan Engineering
Task: BTEX Soils

Mr. Aaron Gorges
Fagen Engineering
113 East Chemung Place
Elmira, NY 14904

STL Buffalo

Ryan T. VanDette
Project Manager

04/19/2004

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	NA
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390
Wyoming UST	UST	NA

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4337102	BO-1-B	04/15/2004		04/15/2004	15:25
A4337105	BO-1-E	04/15/2004		04/15/2004	15:25
A4337104	BO-1-N	04/15/2004		04/15/2004	15:25
A4337101	BO-1-W	04/15/2004		04/15/2004	15:25
A4337103	BO-3-WALL	04/15/2004		04/15/2004	15:25
A4337106	FIELD BLANK	04/15/2004		04/15/2004	15:25
A4337107	TRIP BLANK	04/15/2004		04/15/2004	15:25

METHODS SUMMARY

Job#: A04-3371

STL Project#: NY4A9186
Site Name: Fagan Engineering

PARAMETER	ANALYTICAL METHOD
FAGAN - METHOD 8021 - BTEX - S	SW8463 8021
FAGAN - METHOD 8021 - BTEX - W	SW8463 8021

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A04-3371

STL Project#: NY4A9186
Site Name: Fagan Engineering

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A04-3371
Sample Cooler(s) were received at the following temperature(s); 5.0 °C
All samples were received in good condition.

GC Volatile Data

For method 8021, sample TRIP BLANK exhibited a pH >2 at the time of analysis. The analysis was performed within 7 days of sampling, therefore there is no impact on data usability.

The recovery of surrogates a,a,a-Trifluorobenzene and Fluorobenzene for method 8021 was outside quality control limits for sample BO-1-WALL. However, the chromatograms show clear evidence of matrix interference and all other quality control samples met acceptance criteria. Therefore, no further corrective action was performed and the data are accepted.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Fagan Engineering
BTEX Soils
FAGAN - METHOD 8021 - BTEX - S

Client ID		BO-1-B		BO-1-E		BO-1-N		BO-1-W	
Job No	Lab ID	A04-3371	A4337102	A04-3371	A4337105	A04-3371	A4337104	A04-3371	A4337101
Sample Date		04/15/2004		04/15/2004		04/15/2004		04/15/2004	

Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	65	210	69	ND	73	140	77
Ethylbenzene	UG/KG	ND	5900	ND	6300	ND	6700	150 J	7000
Toluene	UG/KG	ND	1600	220 J	1700	ND	1800	420 J	1900
o-Xylene	UG/KG	ND	1300	72 J	1400	ND	1500	260 J	1500
m/p-Xylenes	UG/KG	ND	1300	220 J	1400	ND	1500	720 J	1500
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	96	76-127	119	76-127	97	76-127	111	76-127
Fluorobenzene	%	92	60-130	112	60-130	90	60-130	105	60-130

Client ID		BO-3-WALL							
Job No	Lab ID	A04-3371	A4337103						
Sample Date		04/15/2004							

Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	120	68	NA		NA		NA	
Ethylbenzene	UG/KG	570 J	6200	NA		NA		NA	
Toluene	UG/KG	790 J	1700	NA		NA		NA	
o-Xylene	UG/KG	1900	1400	NA		NA		NA	
m/p-Xylenes	UG/KG	4100	1400	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	176 *	76-127	NA		NA		NA	
Fluorobenzene	%	166 *	60-130	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Chronology and QC Summary Package

Client ID		FIELD BLANK							
Job No	Lab ID	A04-3371	A4337106						
Sample Date		04/15/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	NA		NA		NA	
Ethylbenzene	UG/L	ND	0.20	NA		NA		NA	
Toluene	UG/L	ND	0.20	NA		NA		NA	
o-Xylene	UG/L	ND	0.20	NA		NA		NA	
m/p-Xylenes	UG/L	ND	0.40	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	98	71-127	NA		NA		NA	
Fluorobenzene	%	110	78-121	NA		NA		NA	

10\24

NA = Not Applicable ND = Not Detected

Client ID		VBLK089S							
Job No	Lab ID	A04-3371	A4337111						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	60	NA		NA		NA	
Ethylbenzene	UG/KG	ND	5500	NA		NA		NA	
Toluene	UG/KG	ND	1500	NA		NA		NA	
o-Xylene	UG/KG	ND	1200	NA		NA		NA	
m/p-Xylenes	UG/KG	ND	1200	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	103	76-127	NA		NA		NA	
Fluorobenzene	%	114	60-130	NA		NA		NA	

11\24

NA = Not Applicable ND = Not Detected

Client ID		VBLK089W							
Job No	Lab ID	A04-3371	A4337108						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	NA		NA		NA	
Ethylbenzene	UG/L	ND	0.20	NA		NA		NA	
Toluene	UG/L	ND	0.20	NA		NA		NA	
o-Xylene	UG/L	ND	0.20	NA		NA		NA	
m/p-Xylenes	UG/L	ND	0.40	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	103	71-127	NA		NA		NA	
Fluorobenzene	%	114	78-121	NA		NA		NA	

12\24

NA = Not Applicable ND = Not Detected

Client ID		MSB		MSBD					
Job No	Lab ID	A04-3371	A4337112	A04-3371	A4337113				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	190	60	190	60	NA		NA	
Ethylbenzene	UG/KG	200 J	5500	200 J	5500	NA		NA	
Toluene	UG/KG	200 J	1500	200 J	1500	NA		NA	
o-Xylene	UG/KG	200 J	1200	200 J	1200	NA		NA	
m/p-Xylenes	UG/KG	410 J	1200	410 J	1200	NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	103	76-127	103	76-127	NA		NA	
Fluorobenzene	%	113	60-130	110	60-130	NA		NA	

13\24

NA = Not Applicable ND = Not Detected

Client ID		MSB		MSBD					
Job No	Lab ID	A04-3371	A4337109	A04-3371	A4337110				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	3.8	0.20	3.8	0.20	NA		NA	
Ethylbenzene	UG/L	4.1	0.20	4.0	0.20	NA		NA	
Toluene	UG/L	4.1	0.20	4.1	0.20	NA		NA	
o-Xylene	UG/L	4.1	0.20	4.1	0.20	NA		NA	
m/p-Xylenes	UG/L	8.2	0.40	8.1	0.40	NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	103	71-127	103	71-127	NA		NA	
Fluorobenzene	%	113	78-121	110	78-121	NA		NA	

NA = Not Applicable ND = Not Detected

Fagan Engineering
BTEX Soils
FAGAN - METHOD 8021 - BTEX - W

Client ID		TRIP BLANK							
Job No	Lab ID	A04-3371	A4337107						
Sample Date		04/15/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	NA		NA		NA	
Ethylbenzene	UG/L	ND	0.20	NA		NA		NA	
Toluene	UG/L	ND	0.20	NA		NA		NA	
o-Xylene	UG/L	ND	0.20	NA		NA		NA	
m/p-Xylenes	UG/L	ND	0.40	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	100	71-127	NA		NA		NA	
Fluorobenzene	%	104	78-121	NA		NA		NA	

15\24

NA = Not Applicable ND = Not Detected

Client Sample ID: VBLK089S MSB MSBD
Lab Sample ID: A4337111 A4337112 A4337113

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
FAGAN - METHOD 8021 - BTEX - S											
Benzene	UG/KG	191	189	200	200	96	95	96	1	30.0	78-120
Ethylbenzene	UG/KG	204	202	200	200	102	101	102	1	30.0	79-120
Toluene	UG/KG	204	203	200	200	102	102	102	0	30.0	72-122
o-Xylene	UG/KG	205	203	200	200	103	102	103	1	30.0	77-120
m/p-Xylenes	UG/KG	410	406	400	400	102	102	102	0	30.0	80-121

16\24

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK089W MSB MSBD
Lab Sample ID: A4337108 A4337109 A4337110

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
FAGAN - METHOD 8021 - BTEX - W											
Benzene	UG/L	3.82	3.78	4.00	4.00	96	95	96	1	30.0	76-120
Ethylbenzene	UG/L	4.08	4.05	4.00	4.00	102	101	102	1	30.0	79-120
Toluene	UG/L	4.09	4.07	4.00	4.00	102	102	102	0	30.0	78-124
o-Xylene	UG/L	4.11	4.07	4.00	4.00	103	102	103	1	30.0	76-120
m/p-Xylenes	UG/L	8.20	8.13	8.00	8.00	102	102	102	0	30.0	80-120

17\24

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	BO-1-B A04-3371 A4337102	BO-1-E A04-3371 A4337105	BO-1-N A04-3371 A4337104	BO-1-W A04-3371 A4337101	BO-3-WALL A04-3371 A4337103
Sample Date	04/15/2004	04/15/2004	04/15/2004	04/15/2004	04/15/2004
Received Date	04/15/2004 15:25	04/15/2004 15:25	04/15/2004 15:25	04/15/2004 15:25	04/15/2004 15:25
Extraction Date					
Analysis Date	04/15/2004 18:37	04/15/2004 19:43	04/15/2004 19:10	04/15/2004 18:05	04/15/2004 17:32
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL MED	SOIL MED	SOIL MED	SOIL MED	SOIL MED
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	5.14 GRAMS	5.11 GRAMS	5.04 GRAMS	5.07 GRAMS	5.09 GRAMS
% Dry	90.28	84.98	81.37	77.11	87.07

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID	FIELD BLANK				
Job No & Lab Sample ID	A04-3371 A4337106				
Sample Date	04/15/2004				
Received Date	04/15/2004 15:25				
Extraction Date					
Analysis Date	04/15/2004 16:16				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID	TRIP BLANK				
Job No & Lab Sample ID	A04-3371 A4337107				
Sample Date	04/15/2004				
Received Date	04/15/2004 15:25				
Extraction Date					
Analysis Date	04/15/2004 16:51				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

20\24

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	MSB A04-3371 A4337109	MSB A04-3371 A4337112	MSBD A04-3371 A4337110	MSBD A04-3371 A4337113	
Sample Date					
Received Date					
Extraction Date					
Analysis Date		04/15/2004 12:45		04/15/2004 13:20	
Extraction HT Met?	NA	-	NA	-	
Analytical HT Met?		-		-	
Sample Matrix		SOIL MED		SOIL MED	
Dilution Factor		1.0		1.0	
Sample wt/vol		5.0 GRAMS		5.0 GRAMS	
% Dry		100.00		100.00	

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID Job No & Lab Sample ID	MSB A04-3371 A4337109	MSB A04-3371 A4337112	MSBD A04-3371 A4337110	MSBD A04-3371 A4337113	
Sample Date					
Received Date					
Extraction Date					
Analysis Date	04/15/2004 12:45		04/15/2004 13:20		
Extraction HT Met?	-	NA	-	NA	
Analytical HT Met?	-		-		
Sample Matrix	WATER		WATER		
Dilution Factor	1.0		1.0		
Sample wt/vol	0.005 LITERS		0.005 LITERS		
% Dry					

21\24

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID	VBLK089S	VBLK089W			
Job No & Lab Sample ID	A04-3371 A4337111	A04-3371 A4337108			
Sample Date					
Received Date					
Extraction Date					
Analysis Date	04/15/2004 12:10				
Extraction HT Met?	-	NA			
Analytical HT Met?	-				
Sample Matrix	SOIL MED				
Dilution Factor	1.0				
Sample wt/vol	5.0 GRAMS				
% Dry	100.00				

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID	VBLK089S	VBLK089W			
Job No & Lab Sample ID	A04-3371 A4337111	A04-3371 A4337108			
Sample Date					
Received Date					
Extraction Date					
Analysis Date		04/15/2004 12:10			
Extraction HT Met?	NA	-			
Analytical HT Met?		-			
Sample Matrix		WATER			
Dilution Factor		1.0			
Sample wt/vol		0.005 LITERS			
% Dry					

22\24

NA = Not Applicable

Chain of Custody

Chain of Custody Record

SEVERN TRENT SERVICES — **Severn Trent Laboratories, Inc.**

STL-4124 (0700)

Client: FAGAN ENGINEERS	Project Manager: AARON GORGES	Date: 4/15/04	Chain of Custody Number: 014745
Address: 113 E. CHEMUNG PL.	Telephone Number (Area Code)/Fax Number: (607) 731-4581 F-607-734-2167	Lab Number:	Page 1 of 1
City: ELMIRA / State: NY / Zip Code: 14904	Site Contact: A. GORGES	Lab Contact: PAT FILEY	
Project Name and Location (State): BOOTH OIL, TONAWANDA, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNOS	HCl	NaOH	ZnAc/NaOH	Analysis: BTEX	TCLP	PH	Reactivity	PCB	Ignitability	Special Instructions/ Conditions of Receipt
BO-1-W	4/15					X	X						X						
BO-1-B	4/15					X	X						X						
BO-3-WALL	4/15					X	X						X						
BO-1-N	4/15					X	X						X						
BO-1-E	4/15					X	X						X						
FIELD BLANK	4/15			X			X						X						
TRIP BLANK	4/15			X			X						X						
TANK OIL 4/15 1OF2 2OF2	4/15			X			X										X	X	
TANK WATER 4/15	4/15			X			X							X	X	X			

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	4/15/04	1525	1. Received By	4/15/04	1525
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 5.0°C

24124

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

ANALYTICAL REPORT

Job#: A04-3391

STL Project#: NY4A9186
Site Name: Fagan Engineering
Task: Booth Oil Site

Mr. Aaron Gorges
Fagen Engineering
113 East Chemung Place
Elmira, NY 14904

STL Buffalo

Ryan T. VanDette
Project Manager

04/26/2004

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390
Wyoming UST	UST	NA

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4339101	TANK OIL 4/15	04/15/2004		04/15/2004	15:25
A4339102	TANK WATER 4/15	04/15/2004		04/15/2004	15:25

METHODS SUMMARY

Job#: A04-3391

STL Project#: NY4A9186
Site Name: Fagan Engineering

PARAMETER	ANALYTICAL METHOD
FAGAN - METHOD 8260 - TCLP VOLATILES - W	SW8463 8260/5ML
FAGAN - METHOD 8082 POLYCHLORINATED BIPHENYLS(OIL)	SW8463 8082(OIL)
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7470
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Flashpoint	SW8463 1010
H2S Released From Waste	SW8463 SECT7.3
HCN Released From Waste	SW8463 SECT7.3
pH	SW8463 9040

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A04-3391

STL Project#: NY4A9186
Site Name: Fagan Engineering

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A04-3391
Sample Cooler(s) were received at the following temperature(s); 5.0 °C
LAB: Analyze only the oil fraction for sample TANK OIL 4/15.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

The analyte Cadmium was detected in the CCB at a level above the project established reporting limit. All samples were non-detect for this analyte, therefore, no corrective action was necessary.

Wet Chemistry Data

The U.S. EPA has determined the applicability of the Reactive Cyanide and Sulfide tests to be limited in part due to the poor recoveries obtainable with their procedures. The April 1998 memorandum entitled 'Withdrawal of Cyanide and Sulfide Reactivity Guidance' details the justification for this determination. Therefore, in conjunction with these test results, the U.S. EPA recommends the data user apply process or waste knowledge to determine if their waste exhibits the characteristic of reactivity.

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The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
TANK WATER 4/15	A4339102	8260/5ML	40.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Date: 04/26/2004
Time: 12:58:29

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8260 - TCLP VOLATILES - W

Rept: AN0326

Client ID		TANK WATER 4/15							
Job No	Lab ID	A04-3391	A4339102						
Sample Date		04/15/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/L	4.3	0.20	NA		NA		NA	
2-Butanone	MG/L	ND	1.0	NA		NA		NA	
Carbon Tetrachloride	MG/L	ND	0.20	NA		NA		NA	
Chlorobenzene	MG/L	ND	0.20	NA		NA		NA	
Chloroform	MG/L	ND	0.20	NA		NA		NA	
1,2-Dichloroethane	MG/L	1.4	0.20	NA		NA		NA	
1,1-Dichloroethene	MG/L	ND	0.20	NA		NA		NA	
Tetrachloroethene	MG/L	ND	0.20	NA		NA		NA	
Trichloroethene	MG/L	ND	0.20	NA		NA		NA	
Vinyl chloride	MG/L	ND	0.20	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	98	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	98	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	97	50-200	NA		NA		NA	
Toluene-D8	%	79	77-122	NA		NA		NA	
p-Bromofluorobenzene	%	82	74-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	80	73-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 04/26/2004
Time: 12:58:36

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8082 POLYCHLORINATED BIPHENYLS(OIL)

Rept: AN0326

Client ID		TANK OIL 4/15							
Job No	Lab ID	A04-3391	A4339101						
Sample Date		04/15/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.98	NA		NA		NA	
Aroclor 1221	MG/KG	ND	0.98	NA		NA		NA	
Aroclor 1232	MG/KG	ND	0.98	NA		NA		NA	
Aroclor 1242	MG/KG	ND	0.98	NA		NA		NA	
Aroclor 1248	MG/KG	ND	0.98	NA		NA		NA	
Aroclor 1254	MG/KG	ND	0.98	NA		NA		NA	
Aroclor 1260	MG/KG	ND	0.98	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	76	32-148	NA		NA		NA	
Decachlorobiphenyl	%	140	36-153	NA		NA		NA	

11\39

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID		TANK WATER 4/15							
Job No	Lab ID	A04-3391	A4339102						
Sample Date		04/15/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.010	NA		NA		NA	
Barium - Total	MG/L	0.17	0.0020	NA		NA		NA	
Cadmium - Total	MG/L	ND	0.0010	NA		NA		NA	
Chromium - Total	MG/L	ND	0.0040	NA		NA		NA	
Lead - Total	MG/L	0.27	0.0060	NA		NA		NA	
Mercury - Total	MG/L	ND	0.00020	NA		NA		NA	
Selenium - Total	MG/L	ND	0.015	NA		NA		NA	
Silver - Total	MG/L	ND	0.0030	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Fagan Engineering
Booth Oil Site
WET CHEMISTRY ANALYSIS

Client ID		TANK OIL 4/15		TANK WATER 4/15					
Job No / Lab ID		A04-3391 / A4339101		A04-3391 / A4339102					
Sample Date		04/15/2004		04/15/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Flashpoint	°F	114.28	0	NA		NA		NA	
H2S Released From Waste	MG/L	NA		ND	10	NA		NA	
HCN Released From Waste	MG/L	NA		ND	10	NA		NA	
pH	S.U.	NA		6.67	0	NA		NA	

NA = Not Applicable ND = Not Detected

Chronology and QC Summary Package

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8260 - TCLP VOLATILES - W

Client ID		VBLK97							
Job No	Lab ID	A04-3391	A4339103						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/L	ND	0.0050	NA		NA		NA	
2-Butanone	MG/L	ND	0.025	NA		NA		NA	
Carbon Tetrachloride	MG/L	ND	0.0050	NA		NA		NA	
Chlorobenzene	MG/L	ND	0.0050	NA		NA		NA	
Chloroform	MG/L	ND	0.0050	NA		NA		NA	
1,2-Dichloroethane	MG/L	ND	0.0050	NA		NA		NA	
1,1-Dichloroethene	MG/L	ND	0.0050	NA		NA		NA	
Tetrachloroethene	MG/L	ND	0.0050	NA		NA		NA	
Trichloroethene	MG/L	ND	0.0050	NA		NA		NA	
Vinyl chloride	MG/L	ND	0.0050	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	93	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	94	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	89	50-200	NA		NA		NA	
Toluene-D8	%	81	77-122	NA		NA		NA	
p-Bromofluorobenzene	%	81	74-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	79	73-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8260 - TCLP VOLATILES - W

Client ID		MSB97							
Job No	Lab ID	A04-3391	A4339104						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/L	0.050	0.0050	NA		NA		NA	
2-Butanone	MG/L	0.27	0.025	NA		NA		NA	
Carbon Tetrachloride	MG/L	0.050	0.0050	NA		NA		NA	
Chlorobenzene	MG/L	0.049	0.0050	NA		NA		NA	
Chloroform	MG/L	0.050	0.0050	NA		NA		NA	
1,2-Dichloroethane	MG/L	0.051	0.0050	NA		NA		NA	
1,1-Dichloroethene	MG/L	0.048	0.0050	NA		NA		NA	
Tetrachloroethene	MG/L	0.047	0.0050	NA		NA		NA	
Trichloroethene	MG/L	0.048	0.0050	NA		NA		NA	
Vinyl chloride	MG/L	0.050	0.0050	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	98	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	100	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	99	50-200	NA		NA		NA	
Toluene-D8	%	81	77-122	NA		NA		NA	
p-Bromofluorobenzene	%	84	74-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	80	73-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Method Blank							
Job No	Lab ID	A04-3391	A4B0848803						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1221	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1232	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1242	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1248	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1254	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1260	MG/KG	ND	1.0	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	124	32-148	NA		NA		NA	
Decachlorobiphenyl	%	115	36-153	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Matrix Spike Blank		Matrix Spike Blk Dup					
Job No	Lab ID	A04-3391	A4B0848801	A04-3391	A4B0848802				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	1.0	ND	1.0	NA		NA	
Aroclor 1221	MG/KG	ND	1.0	ND	1.0	NA		NA	
Aroclor 1232	MG/KG	ND	1.0	ND	1.0	NA		NA	
Aroclor 1242	MG/KG	ND	1.0	ND	1.0	NA		NA	
Aroclor 1248	MG/KG	ND	1.0	ND	1.0	NA		NA	
Aroclor 1254	MG/KG	12	1.0	12	1.0	NA		NA	
Aroclor 1260	MG/KG	ND	1.0	ND	1.0	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	129	32-148	132	32-148	NA		NA	
Decachlorobiphenyl	%	114	36-153	122	36-153	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID Job No Lab ID Sample Date		Method Blank A04-3391 A4B0844012		Method Blank A04-3391 A4B0847106					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.010	NA		NA		NA	
Barium - Total	MG/L	ND	0.0020	NA		NA		NA	
Chromium - Total	MG/L	ND	0.0040	NA		NA		NA	
Lead - Total	MG/L	ND	0.0060	NA		NA		NA	
Mercury - Total	MG/L	NA		ND	0.00020	NA		NA	
Cadmium - Total	MG/L	ND	0.0010	NA		NA		NA	
Selenium - Total	MG/L	ND	0.015	NA		NA		NA	
Silver - Total	MG/L	ND	0.0030	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		LCS		LFB					
Job No	Lab ID	A04-3391	A4B0847105	A04-3391	A4B0844011				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Mercury - Total	MG/L	0.0063	0.00020	NA		NA		NA	
Barium - Total	MG/L	NA		0.20	0.0020	NA		NA	
Cadmium - Total	MG/L	NA		0.22	0.0010	NA		NA	
Chromium - Total	MG/L	NA		0.22	0.0040	NA		NA	
Lead - Total	MG/L	NA		0.22	0.0060	NA		NA	
Arsenic - Total	MG/L	NA		0.22	0.010	NA		NA	
Selenium - Total	MG/L	NA		0.22	0.015	NA		NA	
Silver - Total	MG/L	NA		0.057	0.0030	NA		NA	

20139

Client ID		Method Blank							
Job No	Lab ID	A04-3391	A4B0855902						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
H2S Released From Waste	MG/L	ND	10	NA		NA		NA	
HCN Released From Waste	MG/L	ND	10	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		LCS		LCS					
Job No	Lab ID	A04-3391	A4B0840601	A04-3391	A4B0855901				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
pH	S.U.	7.14	0	NA		NA		NA	
H2S Released From Waste	MG/L	NA		220	10	NA		NA	
HCN Released From Waste	MG/L	NA		361	10	NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: VBLK97 MSB97
Lab Sample ID: A4339103 A4339104

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - METHOD 8260 - TCLP VOLATILES - W					
Benzene	MG/L	0.0498	0.0500	100	77-123
2-Butanone	MG/L	0.267	0.250	106	64-139
Carbon Tetrachloride	MG/L	0.0496	0.0500	99	75-128
Chlorobenzene	MG/L	0.0486	0.0500	97	77-121
Chloroform	MG/L	0.0503	0.0500	101	75-126
1,2-Dichloroethane	MG/L	0.0507	0.0500	102	74-126
1,1-Dichloroethene	MG/L	0.0478	0.0500	96	66-142
Tetrachloroethene	MG/L	0.0471	0.0500	94	77-120
Trichloroethene	MG/L	0.0484	0.0500	97	77-123
Vinyl chloride	MG/L	0.0502	0.0500	100	55-145

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank Matrix Spike Blank Matrix Spike Blk Dup
Lab Sample ID: A4B0848803 A4B0848801 A4B0848802

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			% RPD	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg		RPD	REC.
FAGAN - METHOD 8082 POLYCHLORINATED BIPH											
Aroclor 1254	MG/KG	11.8	12.5	10.0	10.0	118	125	122	6	40.0	52-153

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LFB
Lab Sample ID: A4B0844012 A4B0844011

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - TCLP ME - W					
FAGAN - TCLP TOTAL ARSENIC - W	MG/L	0.218	0.200	109	80-120
FAGAN - TCLP TOTAL BARIUM - W	MG/L	0.201	0.200	101	80-120
FAGAN - TCLP TOTAL CADMIUM - W	MG/L	0.222	0.200	111	80-120
FAGAN - TCLP TOTAL CHROMIUM - W	MG/L	0.215	0.200	107	80-120
FAGAN - TCLP TOTAL LEAD - W	MG/L	0.225	0.200	112	80-120
FAGAN - TCLP TOTAL SELENIUM - W	MG/L	0.222	0.200	111	80-120
FAGAN - TCLP TOTAL SILVER - W	MG/L	0.0574	0.0500	115	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A4B0847106 A4B0847105

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - TCLP ME - W FAGAN - TCLP TOTAL MERCURY - W	MG/L	0.00630	0.00666	94	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A4B0855902 A4B0855901

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
FAGAN - METHOD SECTION 7.3 - REACTIVIT	MG/L	360.6	1000	36	10-100
FAGAN - METHOD SECTION 7.3 - REACTIVIT	MG/L	220.4	570.0	39	10-100

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

FAGAN - METHOD 8260 - TCLP VOLATILES - W

Client Sample ID	TANK WATER 4/15				
Job No & Lab Sample ID	A04-3391 A4339102				
Sample Date	04/15/2004				
Received Date	04/15/2004 15:25				
TCLP Date/Time	04/17/2004 14:45				
Extraction Date					
Analysis Date	04/21/2004 00:41				
TCLP Extraction HT Met?	YES				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	40.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

FAGAN - METHOD 8260 - TCLP VOLATILES - W

Client Sample ID	MSB97				
Job No & Lab Sample ID	A04-3391 A4339104				
Sample Date					
Received Date					
TCLP Date/Time	-				
Extraction Date					
Analysis Date	04/20/2004 16:15				
TCLP Extraction HT Met?	-				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

FAGAN - METHOD 8260 - TCLP VOLATILES - W

Client Sample ID	VBLK97				
Job No & Lab Sample ID	A04-3391 A4339103				
Sample Date					
Received Date					
TCLP Date/Time	-				
Extraction Date					
Analysis Date	04/20/2004 19:07				
TCLP Extraction HT Met?	-				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

FAGAN - METHOD 8082 POLYCHLORINATED BIPHENYLS(OIL)

Client Sample ID	TANK OIL 4/15				
Job No & Lab Sample ID	AO4-3391 A4339101				
Sample Date	04/15/2004				
Received Date	04/15/2004 15:25				
Extraction Date	04/20/2004 08:00				
Analysis Date	04/21/2004 12:46				
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	OIL				
Dilution Factor	1.0				
Sample wt/vol	0.51 GRAMS				
% Dry	100.00				

NA = Not Applicable

FAGAN - METHOD 8082 POLYCHLORINATED BIPHENYLS(OIL)

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-3391 A4B0848801	Matrix Spike Blk Dup A04-3391 A4B0848802			
Sample Date					
Received Date					
Extraction Date	04/20/2004 08:00	04/20/2004 08:00			
Analysis Date	04/21/2004 12:08	04/21/2004 12:21			
Extraction HT Met?	-	-			
Analytical HT Met?	-	-			
Sample Matrix	OIL	OIL			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.5 GRAMS	0.5 GRAMS			
% Dry	100.00	100.00			

NA = Not Applicable

FAGAN - METHOD 8082 POLYCHLORINATED BIPHENYLS(OIL)

Client Sample ID Job No & Lab Sample ID	Method Blank A04-3391 A4B0848803				
Sample Date					
Received Date					
Extraction Date	04/20/2004 08:00				
Analysis Date	04/21/2004 12:33				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	OIL				
Dilution Factor	1.0				
Sample wt/vol	0.5 GRAMS				
% Dry	100.00				

NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4339102	TANK WATER 4/15	MG/L	Arsenic - Total	6010	1.00	04/15/2004	04/15 15:25	04/17 14:45	Yes	04/18 17:40	Yes	WATER
		MG/L	Barium - Total	6010	1.00	04/15/2004	04/15 15:25	04/17 14:45	Yes	04/18 17:40	Yes	WATER
		MG/L	Cadmium - Total	6010	1.00	04/15/2004	04/15 15:25	04/17 14:45	Yes	04/18 17:40	Yes	WATER
		MG/L	Chromium - Total	6010	1.00	04/15/2004	04/15 15:25	04/17 14:45	Yes	04/18 17:40	Yes	WATER
		MG/L	Lead - Total	6010	1.00	04/15/2004	04/15 15:25	04/17 14:45	Yes	04/18 17:40	Yes	WATER
		MG/L	Mercury - Total	7470	1.00	04/15/2004	04/15 15:25	04/17 14:45	Yes	04/19 14:35	Yes	WATER
		MG/L	Selenium - Total	6010	1.00	04/15/2004	04/15 15:25	04/17 14:45	Yes	04/18 17:40	Yes	WATER
		MG/L	Silver - Total	6010	1.00	04/15/2004	04/15 15:25	04/17 14:45	Yes	04/18 17:40	Yes	WATER

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AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4B0844012	Method Blank	MG/L	Arsenic - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:15	Yes	WATER
		MG/L	Barium - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:15	Yes	WATER
		MG/L	Cadmium - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:15	Yes	WATER
		MG/L	Chromium - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:15	Yes	WATER
		MG/L	Lead - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:15	Yes	WATER
		MG/L	Selenium - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:15	Yes	WATER
		MG/L	Silver - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:15	Yes	WATER
A4B0847106	Method Blank	MG/L	Mercury - Total	7470	1.00	-	- 15:25	04/17 14:45	Yes	04/19 14:42	Yes	WATER
A4B0847105	LCS	MG/L	Mercury - Total	7470	1.00	-	- 15:25	04/17 14:45	Yes	04/19 14:41	Yes	WATER
A4B0844011	LFB	MG/L	Arsenic - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:42	Yes	WATER
		MG/L	Barium - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:42	Yes	WATER
		MG/L	Cadmium - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:42	Yes	WATER
		MG/L	Chromium - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:42	Yes	WATER
		MG/L	Lead - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:42	Yes	WATER
		MG/L	Selenium - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:42	Yes	WATER
		MG/L	Silver - Total	6010	1.00	-	- 15:25	04/15	Yes	04/18 14:42	Yes	WATER

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4339101	TANK OIL 4/15	°F	Flashpoint	1010	1.00	04/15/2004	04/15 15:25	NA	NA	04/20 10:00	Yes	OIL
A4339102	TANK WATER 4/15	S.U.	pH	9040	1.00	04/15/2004	04/15 15:25	NA	NA	04/16 14:35	Yes	WATER
		MG/L	HCN Released From Waste	SECT7.3	1.00	04/15/2004	04/15 15:25	NA	NA	04/21 12:51	Yes	WATER
		MG/L	H2S Released From Waste	SECT7.3	1.00	04/15/2004	04/15 15:25	NA	NA	04/21 12:51	Yes	WATER

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Lab ID	Sample ID	Units	Analyte	Method	Dilution Factor	Sample Date	Receive Date	TCLP Date	THT	Analysis Date	AHT	Matrix
A4B0855902	Method Blank	MG/L	HCN Released From Waste	SECT7.3	1.00	-	- 15:25	NA	NA	04/21 12:51	Yes	WATER
		MG/L	H2S Released From Waste	SECT7.3	1.00	-	- 15:25	NA	NA	04/21 12:51	Yes	WATER
A4B0840601	LCS	S.U.	pH	9040	1.00	-	- 15:25	NA	NA	04/16 14:35	Yes	WATER
A4B0855901	LCS	MG/L	HCN Released From Waste	SECT7.3	1.00	-	- 15:25	NA	NA	04/21 12:51	Yes	WATER
		MG/L	H2S Released From Waste	SECT7.3	1.00	-	- 15:25	NA	NA	04/21 12:51	Yes	WATER

AHT = Analysis Holding Time Met
THT = TCLP Holding Time Met
NA = Not Applicable

Chain of Custody

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client	Project Manager	Date	Chain of Custody Number
FAGAN ENGINEERS	AARON GORGES	4/15/04	014745
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
113 E. CHEMUNG PL.	(607) 731-4581 F-607-734-2169		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
ELMIRA / NY / 14904	A. GORGES	PAT FILEY	
Project Name and Location (State)	**Carrier/Waybill Number**		
BOOTH OIL, TONAWANDA, NY			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: BTEX	TCLP	PH	Reactivity	PCB	Ignitability	Special Instructions/ Conditions of Receipt
BO-1-W	4/15					X	X						X						
BO-1-B	4/15					X	X						X						
BO-3-WACO	4/15					X	X						X						
BO-1-N	4/15					X	X						X						
BO-1-E	4/15					X	X						X						
FIELD BLANK	4/15			X			X						X						
TRIP BLANK	4/15			X			X						X						
TANK OIL 4/15 1 OF 2 2 OF 2	4/15			X			X										X	X	
TANK WATER 4/15	4/15			X			X							X	X	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	4/15/04	1525	1. Received By	4/15/04	1525
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

5.0°C

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

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ANALYTICAL REPORT

Job#: A04-3422

STL Project#: NY4A9186
Site Name: Fagan Engineering
Task: BTEX Soils

Mr. Aaron Gorges
Fagen Engineering
113 East Chemung Place
Elmira, NY 14904

STL Buffalo

Ryan T. VanDette
Project Manager

04/19/2004

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	NA
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390
Wyoming UST	UST	NA

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4342202	BO-1-S	04/16/2004		04/16/2004	15:10
A4342201	BO-1-W2	04/16/2004		04/16/2004	15:10
A4342203	BO-2-B	04/16/2004		04/16/2004	15:10
A4342204	BO-2-WALL	04/16/2004		04/16/2004	15:10

METHODS SUMMARY

Job#: A04-3422

STL Project#: NY4A9186
Site Name: Fagan Engineering

PARAMETER	ANALYTICAL METHOD
FAGAN - METHOD 8021 - BTEX - S	SW8463 8021

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A04-3422

STL Project#: NY4A9186
Site Name: Fagan Engineering

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A04-3422
Sample Cooler(s) were received at the following temperature(s); 10.6 °C
All samples were received at a temperature of >10°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Client ID		BO-1-S		BO-1-W2		BO-2-B		BO-2-WALL	
Job No	Lab ID	A04-3422	A4342202	A04-3422	A4342201	A04-3422	A4342203	A04-3422	A4342204
Sample Date		04/16/2004		04/16/2004		04/16/2004		04/16/2004	

Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/KG	ND	0.074	ND	0.076	0.051 J	0.067	ND	0.070
Ethylbenzene	MG/KG	ND	6.8	ND	6.9	0.085 J	6.1	ND	6.4
Toluene	MG/KG	ND	1.8	ND	1.9	0.20 J	1.7	ND	1.7
o-Xylene	MG/KG	ND	1.5	ND	1.5	0.16 J	1.3	ND	1.4
m/p-Xylenes	MG/KG	ND	1.5	ND	1.5	0.44 J	1.3	ND	1.4
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	101	76-127	103	76-127	109	76-127	101	76-127
Fluorobenzene	%	85	60-130	91	60-130	89	60-130	89	60-130

NA = Not Applicable ND = Not Detected

Chronology and QC Summary Package

Client ID		VBLK101							
Job No	Lab ID	A04-3422	A4342205						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/KG	ND	0.060	NA		NA		NA	
Ethylbenzene	MG/KG	ND	5.5	NA		NA		NA	
Toluene	MG/KG	ND	1.5	NA		NA		NA	
o-Xylene	MG/KG	ND	1.2	NA		NA		NA	
m/p-Xylenes	MG/KG	ND	1.2	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	100	76-127	NA		NA		NA	
Fluorobenzene	%	114	60-130	NA		NA		NA	

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NA = Not Applicable ND = Not Detected

Client ID		BO-2-WALL MS		BO-2-WALL SD		MSB			
Job No	Lab ID	A04-3422	A4342204MS	A04-3422	A4342204SD	A04-3422	A4342206		
Sample Date		04/16/2004		04/16/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/KG	0.22	0.069	0.22	0.069	0.20	0.060	NA	
Ethylbenzene	MG/KG	0.22 J	6.4	0.22 J	6.4	0.20 J	5.5	NA	
Toluene	MG/KG	0.23 J	1.7	0.24 J	1.7	0.20 J	1.5	NA	
o-Xylene	MG/KG	0.23 J	1.4	0.23 J	1.4	0.20 J	1.2	NA	
m/p-Xylenes	MG/KG	0.45 J	1.4	0.45 J	1.4	0.40 J	1.2	NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	100	76-127	101	76-127	102	76-127	NA	
Fluorobenzene	%	82	60-130	84	60-130	112	60-130	NA	

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NA = Not Applicable ND = Not Detected

Client Sample ID: BO-2-WALL BO-2-WALL MS BO-2-WALL SD
Lab Sample ID: A4342204 A4342204MS A4342204SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			%	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg	RPD	RPD	REC.
FAGAN - METHOD 8021 - BTEX - S												
Benzene	MG/KG	0	0.217	0.221	0.231	0.231	94	96	95	2	30.0	78-120
Ethylbenzene	MG/KG	0	0.224	0.225	0.231	0.231	97	98	98	1	30.0	79-120
Toluene	MG/KG	0	0.234	0.237	0.231	0.231	102	103	103	1	30.0	72-122
o-Xylene	MG/KG	0	0.227	0.230	0.231	0.231	98	100	99	2	30.0	77-120
m/p-Xylenes	MG/KG	0	0.449	0.454	0.462	0.462	97	98	98	1	30.0	80-121

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK101 MSB
Lab Sample ID: A4342205 A4342206

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - METHOD 8021 - BTEX - S					
Benzene	MG/KG	0.200	0.200	100	78-120
Ethylbenzene	MG/KG	0.199	0.200	100	79-120
Toluene	MG/KG	0.202	0.200	101	72-122
o-Xylene	MG/KG	0.200	0.200	100	77-120
m/p-Xylenes	MG/KG	0.403	0.400	101	80-121

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	BO-1-S AO4-3422 A4342202	BO-1-W2 AO4-3422 A4342201	BO-2-B AO4-3422 A4342203	BO-2-WALL AO4-3422 A4342204	
Sample Date	04/16/2004	04/16/2004	04/16/2004	04/16/2004	
Received Date	04/16/2004 15:10	04/16/2004 15:10	04/16/2004 15:10	04/16/2004 15:10	
Extraction Date					
Analysis Date	04/16/2004 18:22	04/16/2004 17:49	04/16/2004 18:55	04/16/2004 19:28	
Extraction HT Met?	-	-	-	-	
Analytical HT Met?	YES	YES	YES	YES	
Sample Matrix	SOIL MED	SOIL MED	SOIL MED	SOIL MED	
Dilution Factor	1.0	1.0	1.0	1.0	
Sample wt/vol	5.07 GRAMS	5.11 GRAMS	5.16 GRAMS	5.11 GRAMS	
% Dry	80.03	77.66	87.02	83.88	

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	BO-2-WALL MS A04-3422 A4342204MS	BO-2-WALL SD A04-3422 A4342204SD	MSB A04-3422 A4342206		
Sample Date	04/16/2004	04/16/2004			
Received Date	04/16/2004 15:10	04/16/2004 15:10			
Extraction Date					
Analysis Date	04/16/2004 20:01	04/16/2004 20:34	04/16/2004 17:12		
Extraction HT Met?	-	-	-		
Analytical HT Met?	YES	YES	-		
Sample Matrix	SOIL MED	SOIL MED	SOIL MED		
Dilution Factor	1.0	1.0	1.0		
Sample wt/vol	5.16 GRAMS	5.16 GRAMS	5.0 GRAMS		
% Dry	83.88	83.88	100.00		

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NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID	VBLK101				
Job No & Lab Sample ID	A04-3422 A4342205				
Sample Date					
Received Date					
Extraction Date					
Analysis Date	04/16/2004 16:33				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL MED				
Dilution Factor	1.0				
Sample wt/vol	5.0 GRAMS				
% Dry	100.00				

NA = Not Applicable

Chain of Custody

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: FAGAN ENGINEERS	Project Manager: AARON GORGES	Date: 4/16/04	Chain of Custody Number: 137018
Address: 113 E. CHEMUNG PL	Telephone Number (Area Code)/Fax Number: (607) 731-4581 / 607 734-2169	Lab Number:	Page 1 of 1
City: ELMIRA / State: NY / Zip Code: 14904	Site Contact: A. GORGES	Lab Contact: PAT FILEY	
Project Name and Location (State): BOOTH OIL, TONAWANDA, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: BTEX	Special Instructions/ Conditions of Receipt
BO-1-W2	4/16/04					X	X						X	
BO-1-S	4/16/04					X	X						X	
BO-2-B	4/16/04					X	X						X	
BO-2-Wall 1 OF 2 + 2 OF 2	4/16/04					X	X						X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: A. GORGES	04/16/04	1510	1. Received By: TR	04/16/04	1510
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 10.6 ICE SAME DAY

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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Centek Laboratories, LLC

Date: *22-Apr-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	BO-B-0419
Lab Order:	C0404017	**Tag Number:**	2
Project:		**Collection Date:**	4/19/2004
Lab ID:	C0404017-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuume Reading "Hg	0			"Hg		4/19/2004
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	4/21/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	4/21/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	4/21/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	4/21/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	4/21/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	4/21/2004
1,2,4-Trimethylbenzene	ND	5.0		ppbV	1	4/21/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	4/21/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	4/21/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	4/21/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	4/21/2004
1,3,5-Trimethylbenzene	ND	5.0		ppbV	1	4/21/2004
1,3-butadiene	ND	5.0		ppbV	1	4/21/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	4/21/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	4/21/2004
1,4-Dioxane	ND	5.0		ppbV	1	4/21/2004
2,2,4-trimethylpentane	ND	5.0		ppbV	1	4/21/2004
4-ethyltoluene	ND	5.0		ppbV	1	4/21/2004
Acetone	14	5.0		ppbV	1	4/21/2004
Allyl chloride	ND	5.0		ppbV	1	4/21/2004
Benzene	ND	5.0		ppbV	1	4/21/2004
Benzyl chloride	ND	5.0		ppbV	1	4/21/2004
Bromodichloromethane	ND	5.0		ppbV	1	4/21/2004
Bromoform	ND	5.0		ppbV	1	4/21/2004
Bromomethane	ND	5.0		ppbV	1	4/21/2004
Carbon disulfide	ND	5.0		ppbV	1	4/21/2004
Carbon tetrachloride	ND	5.0		ppbV	1	4/21/2004
Chlorobenzene	ND	5.0		ppbV	1	4/21/2004
Chloroethane	ND	5.0		ppbV	1	4/21/2004
Chloroform	ND	5.0		ppbV	1	4/21/2004
Chloromethane	ND	5.0		ppbV	1	4/21/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	4/21/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	4/21/2004
Cyclohexane	ND	5.0		ppbV	1	4/21/2004
Dibromochloromethane	ND	5.0		ppbV	1	4/21/2004
Ethyl acetate	ND	5.0		ppbV	1	4/21/2004
Ethylbenzene	ND	5.0		ppbV	1	4/21/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *22-Apr-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	BO-B-0419
Lab Order:	C0404017	**Tag Number:**	2
Project:		**Collection Date:**	4/19/2004
Lab ID:	C0404017-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
Freon 11	ND	5.0		ppbV	1	4/21/2004
Freon 113	ND	5.0		ppbV	1	4/21/2004
Freon 114	ND	5.0		ppbV	1	4/21/2004
Freon 12	ND	5.0		ppbV	1	4/21/2004
Heptane	ND	5.0		ppbV	1	4/21/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	4/21/2004
Hexane	ND	5.0		ppbV	1	4/21/2004
Isopropyl alcohol	ND	5.0		ppbV	1	4/21/2004
m-Xylene	ND	5.0		ppbV	1	4/21/2004
Methyl Butyl Ketone	ND	5.0		ppbV	1	4/21/2004
Methyl Ethyl Ketone	ND	5.0		ppbV	1	4/21/2004
Methyl Isobutyl Ketone	ND	5.0		ppbV	1	4/21/2004
Methyl tert-butyl ether	ND	5.0		ppbV	1	4/21/2004
Methylene chloride	ND	5.0		ppbV	1	4/21/2004
o-Xylene	ND	5.0		ppbV	1	4/21/2004
p-Xylene	ND	5.0		ppbV	1	4/21/2004
Propylene	ND	5.0		ppbV	1	4/21/2004
Styrene	ND	5.0		ppbV	1	4/21/2004
Tetrachloroethylene	ND	5.0		ppbV	1	4/21/2004
Tetrahydrofuran	ND	5.0		ppbV	1	4/21/2004
Toluene	ND	5.0		ppbV	1	4/21/2004
trans-1,2-Dichloroethene	ND	5.0		ppbV	1	4/21/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	4/21/2004
Trichloroethene	ND	5.0		ppbV	1	4/21/2004
Vinyl acetate	ND	5.0		ppbV	1	4/21/2004
Vinyl Bromide	ND	5.0		ppbV	1	4/21/2004
Vinyl chloride	ND	5.0		ppbV	1	4/21/2004
Surr: Bromofluorobenzene	98.4	87.8-104		%REC	1	4/21/2004
TIC: Butane	8.7	0	JN	ppbV	1	4/21/2004
TIC: Ethane, 1,1-difluoro-	8.2	0	JN	ppbV	1	4/21/2004
TIC: Ethanol	8.9	0	JN	ppbV	1	4/21/2004
TIC: Propane	6.4	0	JN	ppbV	1	4/21/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *06-May-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	BO-B-50404
Lab Order:	C0405005	**Tag Number:**	77
Project:	2004-023	**Collection Date:**	5/4/2005
Lab ID:	C0405005-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	5/6/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	5/6/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	5/6/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	5/6/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	5/6/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	5/6/2004
1,2,4-Trimethylbenzene	ND	5.0		ppbV	1	5/6/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	5/6/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	5/6/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	5/6/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	5/6/2004
1,3,5-Trimethylbenzene	ND	5.0		ppbV	1	5/6/2004
1,3-butadiene	ND	5.0		ppbV	1	5/6/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	5/6/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	5/6/2004
1,4-Dioxane	ND	5.0		ppbV	1	5/6/2004
2,2,4-trimethylpentane	ND	5.0		ppbV	1	5/6/2004
4-ethyltoluene	ND	5.0		ppbV	1	5/6/2004
Acetone	20	5.0		ppbV	1	5/6/2004
Allyl chloride	ND	5.0		ppbV	1	5/6/2004
Benzene	ND	5.0		ppbV	1	5/6/2004
Benzyl chloride	ND	5.0		ppbV	1	5/6/2004
Bromodichloromethane	ND	5.0		ppbV	1	5/6/2004
Bromoform	ND	5.0		ppbV	1	5/6/2004
Bromomethane	ND	5.0		ppbV	1	5/6/2004
Carbon disulfide	ND	5.0		ppbV	1	5/6/2004
Carbon tetrachloride	ND	5.0		ppbV	1	5/6/2004
Chlorobenzene	ND	5.0		ppbV	1	5/6/2004
Chloroethane	ND	5.0		ppbV	1	5/6/2004
Chloroform	ND	5.0		ppbV	1	5/6/2004
Chloromethane	ND	5.0		ppbV	1	5/6/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	5/6/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	5/6/2004
Cyclohexane	14	5.0		ppbV	1	5/6/2004
Dibromochloromethane	ND	5.0		ppbV	1	5/6/2004
Ethyl acetate	ND	5.0		ppbV	1	5/6/2004
Ethylbenzene	ND	5.0		ppbV	1	5/6/2004
Freon 11	ND	5.0		ppbV	1	5/6/2004
Freon 113	ND	5.0		ppbV	1	5/6/2004
Freon 114	ND	5.0		ppbV	1	5/6/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *06-May-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	BO-B-50404
Lab Order:	C0405005	**Tag Number:**	77
Project:	2004-023	**Collection Date:**	5/4/2005
Lab ID:	C0405005-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
Freon 12	ND	5.0		ppbV	1	5/6/2004
Heptane	13	5.0		ppbV	1	5/6/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	5/6/2004
Hexane	24	5.0		ppbV	1	5/6/2004
Isopropyl alcohol	ND	5.0		ppbV	1	5/6/2004
m-Xylene	ND	5.0		ppbV	1	5/6/2004
Methyl Butyl Ketone	ND	5.0		ppbV	1	5/6/2004
Methyl Ethyl Ketone	ND	5.0		ppbV	1	5/6/2004
Methyl Isobutyl Ketone	ND	5.0		ppbV	1	5/6/2004
Methyl tert-butyl ether	ND	5.0		ppbV	1	5/6/2004
Methylene chloride	ND	5.0		ppbV	1	5/6/2004
o-Xylene	ND	5.0		ppbV	1	5/6/2004
p-Xylene	ND	5.0		ppbV	1	5/6/2004
Propylene	ND	5.0		ppbV	1	5/6/2004
Styrene	ND	5.0		ppbV	1	5/6/2004
Tetrachloroethylene	ND	5.0		ppbV	1	5/6/2004
Tetrahydrofuran	ND	5.0		ppbV	1	5/6/2004
Toluene	ND	5.0		ppbV	1	5/6/2004
trans-1,2-Dichloroethene	ND	5.0		ppbV	1	5/6/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	5/6/2004
Trichloroethene	ND	5.0		ppbV	1	5/6/2004
Vinyl acetate	ND	5.0		ppbV	1	5/6/2004
Vinyl Bromide	ND	5.0		ppbV	1	5/6/2004
Vinyl chloride	ND	5.0		ppbV	1	5/6/2004
Surr: Bromofluorobenzene	98.0	87.8-104		%REC	1	5/6/2004
TIC: 1-Pentene, 2,4-dimethyl-	15	0	JN	ppbV	1	5/6/2004
TIC: Butane	6.5	0	JN	ppbV	1	5/6/2004
TIC: Butane, 2,3-dimethyl-	5.2	0	JN	ppbV	1	5/6/2004
TIC: Butane, 2-methyl-	19	0	JN	ppbV	1	5/6/2004
TIC: Cyclohexane, methyl-	26	0	JN	ppbV	1	5/6/2004
TIC: Cyclohexane,-dimethyl- (isomer)	6.1	0	JN	ppbV	1	5/6/2004
TIC: Cyclopentane, 1,2,3-trimethy , (1	6.2	0	JN	ppbV	1	5/6/2004
TIC: Cyclopentane, 1,2-dimethyl-, cis-	8.8	0	JN	ppbV	1	5/6/2004
TIC: Cyclopentane, methyl-	29	0	JN	ppbV	1	5/6/2004
TIC: Cyclotetrasiloxane, octamethyl-	11	0	JN	ppbV	1	5/6/2004
TIC: Cyclotrisiloxane, hexamethyl-	6.2	0	JN	ppbV	1	5/6/2004
TIC: Heptane, 3-methyl-	12	0	JN	ppbV	1	5/6/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *06-May-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	BO-B-50404
Lab Order:	C0405005	**Tag Number:**	77
Project:	2004-023	**Collection Date:**	5/4/2005
Lab ID:	C0405005-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
TIC: heptene (isomer)	7.4	0	JN	ppbV	1	5/6/2004
TIC: Hexane, 2,5-dimethyl-	9.4	0	JN	ppbV	1	5/6/2004
TIC: Hexane, 3-methyl-	21	0	JN	ppbV	1	5/6/2004
TIC: Isopropylcyclobutane	12	0	JN	ppbV	1	5/6/2004
TIC: Octane	5.4	0	JN	ppbV	1	5/6/2004
TIC: Pentane	28	0	JN	ppbV	1	5/6/2004
TIC: Pentane, 2-methyl-	43	0	JN	ppbV	1	5/6/2004
TIC: Pentane, 3-methyl-	22	0	JN	ppbV	1	5/6/2004
TIC: Propane	8.5	0	JN	ppbV	1	5/6/2004
TIC: unknown	6.8	0	JN	ppbV	1	5/6/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Jun-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Borins #2
Lab Order:	C0405017	**Tag Number:**	33
Project:	04-023	**Collection Date:**	5/24/2004
Lab ID:	C0405017-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	6/1/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	6/1/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,2,4-Trimethylbenzene	5.8	5.0		ppbV	1	6/1/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	6/1/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	6/1/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	6/1/2004
1,3,5-Trimethylbenzene	8.2	5.0		ppbV	1	6/1/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
Benzene	22	5.0		ppbV	1	6/1/2004
Bromomethane	ND	5.0		ppbV	1	6/1/2004
Carbon tetrachloride	ND	5.0		ppbV	1	6/1/2004
Chlorobenzene	ND	5.0		ppbV	1	6/1/2004
Chloroethane	ND	5.0		ppbV	1	6/1/2004
Chloroform	ND	5.0		ppbV	1	6/1/2004
Chloromethane	ND	5.0		ppbV	1	6/1/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	6/1/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	6/1/2004
Ethylbenzene	22	5.0		ppbV	1	6/1/2004
Freon 11	ND	5.0		ppbV	1	6/1/2004
Freon 113	ND	5.0		ppbV	1	6/1/2004
Freon 114	ND	5.0		ppbV	1	6/1/2004
Freon 12	ND	5.0		ppbV	1	6/1/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	6/1/2004
m-Xylene	74	5.0		ppbV	1	6/1/2004
Methylene chloride	ND	5.0		ppbV	1	6/1/2004
o-Xylene	45	5.0		ppbV	1	6/1/2004
p-Xylene	17	5.0		ppbV	1	6/1/2004
Styrene	ND	5.0		ppbV	1	6/1/2004
Tetrachloroethylene	ND	5.0		ppbV	1	6/1/2004
Toluene	41	5.0		ppbV	1	6/1/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	6/1/2004
Trichloroethene	ND	5.0		ppbV	1	6/1/2004
Vinyl acetate	ND	5.0		ppbV	1	6/1/2004
Surr: Bromofluorobenzene	103	91.3-108		%REC	1	6/1/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Jun-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #3
Lab Order:	C0405017	**Tag Number:**	
Project:	04-023	**Collection Date:**	5/24/2004
Lab ID:	C0405017-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	6/1/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	6/1/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,2,4-Trimethylbenzene	6.2	5.0		ppbV	1	6/1/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	6/1/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	6/1/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	6/1/2004
1,3,5-Trimethylbenzene	ND	5.0		ppbV	1	6/1/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
Benzene	ND	5.0		ppbV	1	6/1/2004
Bromomethane	ND	5.0		ppbV	1	6/1/2004
Carbon tetrachloride	ND	5.0		ppbV	1	6/1/2004
Chlorobenzene	ND	5.0		ppbV	1	6/1/2004
Chloroethane	ND	5.0		ppbV	1	6/1/2004
Chloroform	ND	5.0		ppbV	1	6/1/2004
Chloromethane	ND	5.0		ppbV	1	6/1/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	6/1/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	6/1/2004
Ethylbenzene	ND	5.0		ppbV	1	6/1/2004
Freon 11	ND	5.0		ppbV	1	6/1/2004
Freon 113	ND	5.0		ppbV	1	6/1/2004
Freon 114	ND	5.0		ppbV	1	6/1/2004
Freon 12	ND	5.0		ppbV	1	6/1/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	6/1/2004
m-Xylene	7.6	5.0		ppbV	1	6/1/2004
Methylene chloride	ND	5.0		ppbV	1	6/1/2004
o-Xylene	ND	5.0		ppbV	1	6/1/2004
p-Xylene	ND	5.0		ppbV	1	6/1/2004
Styrene	5.2	5.0		ppbV	1	6/1/2004
Tetrachloroethylene	ND	5.0		ppbV	1	6/1/2004
Toluene	17	5.0		ppbV	1	6/1/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	6/1/2004
Trichloroethene	ND	5.0		ppbV	1	6/1/2004
Vinyl acetate	ND	5.0		ppbV	1	6/1/2004
Surr: Bromofluorobenzene	94.5	91.3-108		%REC	1	6/1/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Jun-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Pre Corings Cellar
Lab Order:	C0405017	**Tag Number:**	17
Project:	04-023	**Collection Date:**	5/24/2004
Lab ID:	C0405017-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	6/1/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	6/1/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,2,4-Trimethylbenzene	ND	5.0		ppbV	1	6/1/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	6/1/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	6/1/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	6/1/2004
1,3,5-Trimethylbenzene	ND	5.0		ppbV	1	6/1/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
Benzene	ND	5.0		ppbV	1	6/1/2004
Bromomethane	ND	5.0		ppbV	1	6/1/2004
Carbon tetrachloride	ND	5.0		ppbV	1	6/1/2004
Chlorobenzene	ND	5.0		ppbV	1	6/1/2004
Chloroethane	ND	5.0		ppbV	1	6/1/2004
Chloroform	ND	5.0		ppbV	1	6/1/2004
Chloromethane	ND	5.0		ppbV	1	6/1/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	6/1/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	6/1/2004
Ethylbenzene	ND	5.0		ppbV	1	6/1/2004
Freon 11	ND	5.0		ppbV	1	6/1/2004
Freon 113	ND	5.0		ppbV	1	6/1/2004
Freon 114	ND	5.0		ppbV	1	6/1/2004
Freon 12	ND	5.0		ppbV	1	6/1/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	6/1/2004
m-Xylene	ND	5.0		ppbV	1	6/1/2004
Methylene chloride	ND	5.0		ppbV	1	6/1/2004
o-Xylene	ND	5.0		ppbV	1	6/1/2004
p-Xylene	ND	5.0		ppbV	1	6/1/2004
Styrene	ND	5.0		ppbV	1	6/1/2004
Tetrachloroethylene	ND	5.0		ppbV	1	6/1/2004
Toluene	5.3	5.0		ppbV	1	6/1/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	6/1/2004
Trichloroethene	ND	5.0		ppbV	1	6/1/2004
Vinyl acetate	ND	5.0		ppbV	1	6/1/2004
Surr: Bromofluorobenzene	93.5	91.3-108		%REC	1	6/1/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *03-Jun-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Post Corings Cellar
Lab Order:	C0405017	**Tag Number:**	18
Project:	04-023	**Collection Date:**	5/24/2004
Lab ID:	C0405017-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	6/1/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	6/1/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	6/1/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,2,4-Trimethylbenzene	ND	5.0		ppbV	1	6/1/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	6/1/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	6/1/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	6/1/2004
1,3,5-Trimethylbenzene	ND	5.0		ppbV	1	6/1/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	6/1/2004
Benzene	ND	5.0		ppbV	1	6/1/2004
Bromomethane	ND	5.0		ppbV	1	6/1/2004
Carbon tetrachloride	ND	5.0		ppbV	1	6/1/2004
Chlorobenzene	ND	5.0		ppbV	1	6/1/2004
Chloroethane	ND	5.0		ppbV	1	6/1/2004
Chloroform	ND	5.0		ppbV	1	6/1/2004
Chloromethane	ND	5.0		ppbV	1	6/1/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	6/1/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	6/1/2004
Ethylbenzene	ND	5.0		ppbV	1	6/1/2004
Freon 11	ND	5.0		ppbV	1	6/1/2004
Freon 113	ND	5.0		ppbV	1	6/1/2004
Freon 114	ND	5.0		ppbV	1	6/1/2004
Freon 12	ND	5.0		ppbV	1	6/1/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	6/1/2004
m-Xylene	5.2	5.0		ppbV	1	6/1/2004
Methylene chloride	ND	5.0		ppbV	1	6/1/2004
o-Xylene	ND	5.0		ppbV	1	6/1/2004
p-Xylene	ND	5.0		ppbV	1	6/1/2004
Styrene	ND	5.0		ppbV	1	6/1/2004
Tetrachloroethylene	ND	5.0		ppbV	1	6/1/2004
Toluene	6.1	5.0		ppbV	1	6/1/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	6/1/2004
Trichloroethene	ND	5.0		ppbV	1	6/1/2004
Vinyl acetate	ND	5.0		ppbV	1	6/1/2004
Surr: Bromofluorobenzene	94.1	91.3-108		%REC	1	6/1/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

ANALYTICAL REPORT

Job#: A04-4886

STL Project#: NY4A9186
Site Name: Fagan Engineering
Task: Booth Oil Site

Mr. Aaron Gorges
Fagen Engineering
113 East Chemung Place
Elmira, NY 14904

STL Buffalo

Ryan T. VanDette
Project Manager

05/28/2004

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390
Wyoming UST	UST	NA

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4488608	CELLAR CORE #1	05/24/2004	14:10	05/24/2004	16:10
A4488609	CELLAR CORE #2	05/24/2004	14:30	05/24/2004	16:10
A4488610	CELLAR CORE #3	05/24/2004	14:50	05/24/2004	16:10
A4488611	CELLAR CORE #4	05/24/2004	14:00	05/24/2004	16:10
A4488602	CORE #17E	05/24/2004	11:00	05/24/2004	16:10
A4488607	CORE #17N	05/24/2004	10:15	05/24/2004	16:10
A4488605	CORE #17S	05/24/2004	11:07	05/24/2004	16:10
A4488606	CORE #17W	05/24/2004	10:25	05/24/2004	16:10
A4488603	CORE #21	05/24/2004	10:54	05/24/2004	16:10
A4488601	CORE #22	05/24/2004	12:05	05/24/2004	16:10
A4488604	CORE #23	05/24/2004	12:33	05/24/2004	16:10
A4488612	TRIP BLANK	05/24/2004		05/24/2004	16:10

METHODS SUMMARY

Job#: A04-4886

STL Project#: NY4A9186
Site Name: Fagan Engineering

PARAMETER	ANALYTICAL METHOD
FAGAN - METHOD 8021 - BTEX - S	SW8463 8021
FAGAN - METHOD 8021 - BTEX - W	SW8463 8021

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A04-4886

STL Project#: NY4A9186
Site Name: Fagan Engineering

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A04-4886
Sample Cooler(s) were received at the following temperature(s); 22.4 NOICE °C
All samples were received in good condition.

GC Volatile Data

The recovery of surrogate aaa-Trifluorotoluene was outside quality control limits for sample CELLAR CORE #1. However, the chromatograms show clear evidence of matrix interference and all other quality control samples met acceptance criteria. Therefore, no further corrective action was performed and the data are accepted.

The recoveries of Ethylbenzene, Toluene, m/p-Xylene and o-Xylene in sample CELLAR CORE #4 Matrix Spike and Matrix Spike Duplicate exceeded QC limits. The relative percent difference between CELLAR CORE #4 Matrix Spike and the Matrix Spike duplicate exceed quality control limits for o-Xylene, the Matrix Spike Blank recoveries are compliant, no action required.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

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Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
CELLAR CORE #3	A4488610	8021	10.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Client ID		CELLAR CORE #1		CELLAR CORE #2		CELLAR CORE #3		CELLAR CORE #4	
Job No	Lab ID	A04-4886	A4488608	A04-4886	A4488609	A04-4886	A4488610	A04-4886	A4488611
Sample Date		05/24/2004		05/24/2004		05/24/2004		05/24/2004	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/KG	0.039 J	0.063	ND	0.062	0.26 J	0.63	0.018 J	0.064
Ethylbenzene	MG/KG	0.055 J	5.8	0.037 J	5.7	1.9 J	58	0.031 J	5.9
Toluene	MG/KG	ND	1.6	0.023 J	1.6	1.6 J	16	0.14 J	1.6
o-Xylene	MG/KG	0.20 J	1.3	0.23 J	1.2	9.1 J	12	0.50 J	1.3
m/p-Xylenes	MG/KG	0.29 J	1.3	0.25 J	1.2	21	12	0.65 J	1.3
SURROGATE(S)									
Fluorobenzene	%	81	58-126	72	58-126	101	58-126	75	58-126
a,a,a-Trifluorotoluene	%	129 *	70-126	96	70-126	112	70-126	99	70-126

Client ID		CORE #17E		CORE #17N		CORE #17S		CORE #17W	
Job No	Lab ID	A04-4886	A4488602	A04-4886	A4488607	A04-4886	A4488605	A04-4886	A4488606
Sample Date		05/24/2004		05/24/2004		05/24/2004		05/24/2004	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/KG	ND	0.064	ND	0.064	ND	0.064	ND	0.063
Ethylbenzene	MG/KG	ND	5.9	ND	5.8	ND	5.9	0.014 J	5.8
Toluene	MG/KG	ND	1.6	0.016 J	1.6	ND	1.6	0.018 J	1.6
o-Xylene	MG/KG	ND	1.3	1.2 J	1.3	ND	1.3	0.14 J	1.3
m/p-Xylenes	MG/KG	ND	1.3	0.45 J	1.3	ND	1.3	0.16 J	1.3
SURROGATE(S)									
Fluorobenzene	%	67	58-126	66	58-126	67	58-126	75	58-126
a,a,a-Trifluorotoluene	%	91	70-126	90	70-126	89	70-126	100	70-126

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Date: 05/28/2004
Time: 08:39:24

Fagan Engineering
Booth Oil Site
FAGAN - METHOD 8021 - BTEX - S

Rept: AN0326

Client ID		CORE #21		CORE #22		CORE #23			
Job No	Lab ID	A04-4886	A4488603	A04-4886	A4488601	A04-4886	A4488604		
Sample Date		05/24/2004		05/24/2004		05/24/2004			
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/KG	ND	0.069	ND	0.063	ND	0.064	NA	
Ethylbenzene	MG/KG	ND	6.3	ND	5.7	ND	5.9	NA	
Toluene	MG/KG	0.018 J	1.7	ND	1.6	ND	1.6	NA	
o-Xylene	MG/KG	0.022 J	1.4	ND	1.2	0.036 J	1.3	NA	
m/p-Xylenes	MG/KG	0.028 J	1.4	ND	1.2	0.036 J	1.3	NA	
SURROGATE(S)									
Fluorobenzene	%	69	58-126	68	58-126	67	58-126	NA	
a,a,a-Trifluorotoluene	%	91	70-126	93	70-126	90	70-126	NA	

10/28

NA = Not Applicable ND = Not Detected

STL Buffalo

Chronology and QC Summary Package

Client ID		VBLK200		VBLK230					
Job No	Lab ID	A04-4886	A4B1036501	A04-4886	A4B1045301				
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/KG	ND	0.060	ND	0.060	NA		NA	
Ethylbenzene	MG/KG	ND	5.5	ND	5.5	NA		NA	
Toluene	MG/KG	ND	1.5	ND	1.5	NA		NA	
o-Xylene	MG/KG	ND	1.2	ND	1.2	NA		NA	
m/p-Xylenes	MG/KG	ND	1.2	ND	1.2	NA		NA	
SURROGATE(S)									
Fluorobenzene	%	81	58-126	86	58-126	NA		NA	
a,a,a-Trifluorotoluene	%	95	70-126	100	70-126	NA		NA	

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NA = Not Applicable ND = Not Detected

Client ID		VBLK200W							
Job No	Lab ID	A04-4886	A4B1036601						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	NA		NA		NA	
Ethylbenzene	UG/L	ND	0.20	NA		NA		NA	
Toluene	UG/L	ND	0.20	NA		NA		NA	
o-Xylene	UG/L	ND	0.20	NA		NA		NA	
m/p-Xylenes	UG/L	ND	0.40	NA		NA		NA	
SURROGATE(S)									
Fluorobenzene	%	81	74-119	NA		NA		NA	
a,a,a-Trifluorotoluene	%	95	78-126	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		CELLAR CORE #4		CELLAR CORE #4		MSB		Matrix Spike Blank	
Job No	Lab ID	A04-4886	A4488611MS	A04-4886	A4488611SD	A04-4886	A4B1045302	A04-4886	A4B1036502
Sample Date		05/24/2004		05/24/2004					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	MG/KG	0.20	0.065	0.20	0.065	0.18	0.060	0.18	0.060
Ethylbenzene	MG/KG	0.19 J	6.0	0.19 J	6.0	0.18 J	5.5	0.18 J	5.5
Toluene	MG/KG	0.25 J	1.6	0.25 J	1.6	0.18 J	1.5	0.18 J	1.5
o-Xylene	MG/KG	0.74 J	1.3	0.61 J	1.3	0.19 J	1.2	0.18 J	1.2
m/p-Xylenes	MG/KG	0.79 J	1.3	0.78 J	1.3	0.38 J	1.2	0.36 J	1.2
SURROGATE(S)									
Fluorobenzene	%	70	58-126	68	58-126	85	58-126	85	58-126
a,a,a-Trifluorotoluene	%	90	70-126	90	70-126	100	70-126	96	70-126

NA = Not Applicable ND = Not Detected

Client ID		Matrix Spike Blank							
Job No	Lab ID	A04-4886	A4B1036602						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	3.6	0.20	NA		NA		NA	
Ethylbenzene	UG/L	3.6	0.20	NA		NA		NA	
Toluene	UG/L	3.5	0.20	NA		NA		NA	
o-Xylene	UG/L	3.6	0.20	NA		NA		NA	
m/p-Xylenes	UG/L	7.3	0.40	NA		NA		NA	
SURROGATE(S)									
Fluorobenzene	%	85	74-119	NA		NA		NA	
a,a,a-Trifluorotoluene	%	96	78-126	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		TRIP BLANK							
Job No	Lab ID	A04-4886	A4488612						
Sample Date		05/24/2004							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	NA		NA		NA	
Ethylbenzene	UG/L	ND	0.20	NA		NA		NA	
Toluene	UG/L	ND	0.20	NA		NA		NA	
o-Xylene	UG/L	ND	0.20	NA		NA		NA	
m/p-Xylenes	UG/L	ND	0.40	NA		NA		NA	
SURROGATE(S)									
Fluorobenzene	%	86	74-119	NA		NA		NA	
a,a,a-Trifluorotoluene	%	96	78-126	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: CELLAR CORE #4 CELLAR CORE #4 CELLAR CORE #4
Lab Sample ID: A4488611 A4488611MS A4488611SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			%	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg	RPD	RPD	REC.
FAGAN - METHOD 8021 - BTEX - S												
Benzene	MG/KG	0.0180	0.197	0.197	0.216	0.216	83	83	83	0	30.0	78-120
Ethylbenzene	MG/KG	0.0306	0.189	0.189	0.216	0.216	73 *	73 *	73	0	30.0	79-120
Toluene	MG/KG	0.143	0.246	0.249	0.216	0.216	48 *	49 *	49	2	30.0	72-122
o-Xylene	MG/KG	0.499	0.741	0.614	0.216	0.216	111	53 *	82	71 *	30.0	77-120
m/p-Xylenes	MG/KG	0.654	0.794	0.783	0.433	0.433	32 *	30 *	31	6	30.0	80-121

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK200 Matrix Spike Blank
Lab Sample ID: A4B1036501 A4B1036502

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - METHOD 8021 - BTEX - S					
Benzene	MG/KG	0.178	0.200	89	78-120
Ethylbenzene	MG/KG	0.177	0.200	89	79-120
Toluene	MG/KG	0.175	0.200	88	72-122
o-Xylene	MG/KG	0.181	0.200	91	77-120
m/p-Xylenes	MG/KG	0.365	0.400	91	80-121

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK200W Matrix Spike Blank
Lab Sample ID: A4B1036601 A4B1036602

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - METHOD 8021 - BTEX - W					
Benzene	UG/L	3.57	4.00	89	76-120
Ethylbenzene	UG/L	3.55	4.00	89	79-120
Toluene	UG/L	3.51	4.00	88	78-124
o-Xylene	UG/L	3.62	4.00	91	76-120
m/p-Xylenes	UG/L	7.30	8.00	91	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK230 MSB
Lab Sample ID: A4B1045301 A4B1045302

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
FAGAN - METHOD 8021 - BTEX - S					
Benzene	MG/KG	0.176	0.200	88	78-120
Ethylbenzene	MG/KG	0.184	0.200	92	79-120
Toluene	MG/KG	0.181	0.200	91	72-122
o-Xylene	MG/KG	0.187	0.200	94	77-120
m/p-Xylenes	MG/KG	0.376	0.400	94	80-121

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	CELLAR CORE #1 A04-4886 A4488608	CELLAR CORE #2 A04-4886 A4488609	CELLAR CORE #3 A04-4886 A4488610	CELLAR CORE #4 A04-4886 A4488611	CORE #17E A04-4886 A4488602
Sample Date	05/24/2004 14:10	05/24/2004 14:30	05/24/2004 14:50	05/24/2004 14:00	05/24/2004 11:00
Received Date	05/24/2004 16:10	05/24/2004 16:10	05/24/2004 16:10	05/24/2004 16:10	05/24/2004 16:10
Extraction Date					
Analysis Date	05/26/2004 14:29	05/26/2004 15:02	05/26/2004 15:35	05/25/2004 16:10	05/25/2004 23:51
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL MED	SOIL MED	SOIL MED	SOIL MED	SOIL MED
Dilution Factor	1.0	1.0	10.0	1.0	1.0
Sample wt/vol	5.11 GRAMS	5.17 GRAMS	5.16 GRAMS	5.18 GRAMS	5.1 GRAMS
% Dry	92.87	93.29	92.30	90.04	91.67

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	CORE #17N A04-4886 A4488607	CORE #17S A04-4886 A4488605	CORE #17W A04-4886 A4488606	CORE #21 A04-4886 A4488603	CORE #22 A04-4886 A4488601
Sample Date	05/24/2004 10:15	05/24/2004 11:07	05/24/2004 10:25	05/24/2004 10:54	05/24/2004 12:05
Received Date	05/24/2004 16:10	05/24/2004 16:10	05/24/2004 16:10	05/24/2004 16:10	05/24/2004 16:10
Extraction Date					
Analysis Date	05/25/2004 19:28	05/25/2004 22:12	05/26/2004 13:56	05/25/2004 23:18	05/26/2004 00:24
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL MED	SOIL MED	SOIL MED	SOIL MED	SOIL MED
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	5.08 GRAMS	5.17 GRAMS	5.11 GRAMS	5.09 GRAMS	5.18 GRAMS
% Dry	92.77	90.03	92.88	85.24	92.35

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID	CORE #23				
Job No & Lab Sample ID	A04-4886 A4488604				
Sample Date	05/24/2004 12:33				
Received Date	05/24/2004 16:10				
Extraction Date					
Analysis Date	05/25/2004 22:45				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	SOIL MED				
Dilution Factor	1.0				
Sample wt/vol	5.17 GRAMS				
% Dry	90.63				

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID	TRIP BLANK				
Job No & Lab Sample ID	A04-4886 A4488612				
Sample Date	05/24/2004				
Received Date	05/24/2004 16:10				
Extraction Date					
Analysis Date	05/25/2004 15:37				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	CELLAR CORE #4 A04-4886 A4488611MS	CELLAR CORE #4 A04-4886 A4488611SD	MSB A04-4886 A4B1045302	Matrix Spike Blank A04-4886 A4B1036502	Matrix Spike Blank A04-4886 A4B1036602
Sample Date	05/24/2004 14:00	05/24/2004 14:00			
Received Date	05/24/2004 16:10	05/24/2004 16:10			
Extraction Date					
Analysis Date	05/25/2004 16:43	05/25/2004 17:16	05/26/2004 12:42	05/25/2004 12:59	
Extraction HT Met?	-	-	-	-	NA
Analytical HT Met?	YES	YES	-	-	
Sample Matrix	SOIL MED	SOIL MED	SOIL MED	SOIL MED	
Dilution Factor	1.0	1.0	1.0	1.0	
Sample wt/vol	5.12 GRAMS	5.12 GRAMS	5.0 GRAMS	5.0 GRAMS	
% Dry	90.04	90.04	100.00	100.00	

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID Job No & Lab Sample ID	CELLAR CORE #4 A04-4886 A4488611MS	CELLAR CORE #4 A04-4886 A4488611SD	MSB A04-4886 A4B1045302	Matrix Spike Blank A04-4886 A4B1036502	Matrix Spike Blank A04-4886 A4B1036602
Sample Date					
Received Date					
Extraction Date					
Analysis Date					05/25/2004 12:59
Extraction HT Met?	NA	NA	NA	NA	-
Analytical HT Met?					-
Sample Matrix					WATER
Dilution Factor					1.0
Sample wt/vol					0.005 LITERS
% Dry					

NA = Not Applicable

FAGAN - METHOD 8021 - BTEX - S

Client Sample ID Job No & Lab Sample ID	VBLK200 A04-4886 A4B1036501	VBLK200W A04-4886 A4B1036601	VBLK230 A04-4886 A4B1045301		
Sample Date					
Received Date					
Extraction Date					
Analysis Date	05/25/2004 12:26		05/26/2004 12:09		
Extraction HT Met?	-	NA	-		
Analytical HT Met?	-		-		
Sample Matrix	SOIL MED		SOIL MED		
Dilution Factor	1.0		1.0		
Sample wt/vol	5.0 GRAMS		5.0 GRAMS		
% Dry	100.00		100.00		

FAGAN - METHOD 8021 - BTEX - W

Client Sample ID Job No & Lab Sample ID	VBLK200 A04-4886 A4B1036501	VBLK200W A04-4886 A4B1036601	VBLK230 A04-4886 A4B1045301		
Sample Date					
Received Date					
Extraction Date					
Analysis Date		05/25/2004 12:26			
Extraction HT Met?	NA	-	NA		
Analytical HT Met?		-			
Sample Matrix		WATER			
Dilution Factor		1.0			
Sample wt/vol		0.005 LITERS			
% Dry					

NA = Not Applicable

Chain of Custody

Chain of Custody Record

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
FAGAN ENGINEERS	STAN CRISS / AARON GREGG	5-24-04	165816
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page ____ of ____**
113 E. Chemung Place	(607)-734-2165 FAX 2169		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
ELMIRA / NY / 14904	STAN CRISS		
Project Name and Location (State)	**Carrier/Waybill Number**		
BOOTH CIK SITE, N TONAWANDA			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Soid	Soil	Containers & Preservatives: Unpres	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): BTEX By 8021	Special Instructions/ Conditions of Receipt
CORE #22	5-24-04	12:05			L									
" #17E		11:00			L									
#21		10:54			L									
#23		12:33			L									
#17S		11:07			L									
#17W		10:25			L									
#17N		10:15			L									
CELLAR CORE #1		2:10			L									
#2		2:30			L									
#3		2:50			L									
#4		2:00			L									

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Timothy C Cass	5/24/04	4:05	1. Received By: ST BUFFALO	05/24/04	1610
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 22.4°C NO ICE

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

28/28

Centek Laboratories, LLC

Date: *11-Jun-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	SVE Manifold
Lab Order:	C0406006	**Tag Number:**	20
Project:	04-023	**Collection Date:**	6/3/2004
Lab ID:	C0406006-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	6/8/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	6/8/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	6/8/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	6/8/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	6/8/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	6/8/2004
1,2,4-Trimethylbenzene	76	5.0		ppbV	1	6/8/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	6/8/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	6/8/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	6/8/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	6/8/2004
1,3,5-Trimethylbenzene	61	5.0		ppbV	1	6/8/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	6/8/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	6/8/2004
Benzene	5.3	5.0		ppbV	1	6/8/2004
Bromomethane	ND	5.0		ppbV	1	6/8/2004
Carbon tetrachloride	ND	5.0		ppbV	1	6/8/2004
Chlorobenzene	ND	5.0		ppbV	1	6/8/2004
Chloroethane	ND	5.0		ppbV	1	6/8/2004
Chloroform	ND	5.0		ppbV	1	6/8/2004
Chloromethane	ND	5.0		ppbV	1	6/8/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	6/8/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	6/8/2004
Ethylbenzene	ND	5.0		ppbV	1	6/8/2004
Freon 11	ND	5.0		ppbV	1	6/8/2004
Freon 113	ND	5.0		ppbV	1	6/8/2004
Freon 114	ND	5.0		ppbV	1	6/8/2004
Freon 12	ND	5.0		ppbV	1	6/8/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	6/8/2004
m-Xylene	57	5.0		ppbV	1	6/8/2004
Methylene chloride	ND	5.0		ppbV	1	6/8/2004
o-Xylene	59	5.0		ppbV	1	6/8/2004
p-Xylene	35	5.0		ppbV	1	6/8/2004
Styrene	ND	5.0		ppbV	1	6/8/2004
Tetrachloroethylene	ND	5.0		ppbV	1	6/8/2004
Toluene	22	5.0		ppbV	1	6/8/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	6/8/2004
Trichloroethene	ND	5.0		ppbV	1	6/8/2004
Vinyl acetate	ND	5.0		ppbV	1	6/8/2004
Surr: Bromofluorobenzene	103	91.3-108		%REC	1	6/8/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

SEVERN TRENT STL

STL Pittsburgh
450 William Pitt Way
Pittsburgh, PA 15238

Tel: 412 820 8580 Fax: 412 820 2080
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH

Leo Brausch Consult Booth Oil

Lot #: C4F150182

Leo Brausch

Leo Brausch Consultants

SEVERN TRENT LABORATORIES, INC.

Carrie L. Gamber
Project Manager

July 8, 2004

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

NELAC REPORTING:

The format and content of the attached report meets NELAC standards and guidelines except as noted in the narrative. The table below presents a summary of the certifications held by STL Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is New York State DOH. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	STL Pittsburgh
NFESC	NA	NAVY	X
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW	X
		HW	X
California	0422ICA	WW	X
		HW	X
Connecticut	(#PH-0686)	WW	X
		HW	X
Florida – nelac	(#E87660)	WW	X
		HW	X
Illinois – nelac	(#200005)	WW	X
		HW	X
Kansas – nelac	(#E-10350)	WW	X
		HW	X
Louisiana - nelac	(#93200)	WW	X
		HW	X
New Hampshire – nelac	(#203002)	WW	X
		–	–
New Jersey – nelac	(PA-005)	WW	X
		HW	X
New York - nelac	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
North Dakota	R-075	WW	X
		HW	X
Ohio Vap	(#CL0063)	WW	X
		HW	X
South Carolina	(#8901400)	WW	X
		HW	X
Utah – nelac	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

HW	Hazardous Waste certification
WW	Non-potable Water and/or Wastewater certification
X	Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

CASE NARRATIVE

Viacom
Leo Brausch

STL Lot # C4F150182

Sample Receiving:
STL Pittsburgh received one sample on June 15, 2004. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

TCLP GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

TCLP GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

PCBs:
The recovery of tetrachloro-m-xylene surrogate was outside of the control limits. The recovery of decachlorobiphenyl surrogate was within the control limits. All results were reported "as is".

TCLP Pesticides:
There were no problems associated with the analysis.

TCLP Herbicides:
There were no problems associated with the analysis.

TCLP Metals:
The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. The sample results were flagged with a "J" qualifier.

CASE NARRATIVE

Viacom
Leo Brausch

STL Lot # C4F150182

General Chemistry:
The method blank for batch 4168180 had total cyanide detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. The total cyanide results in the samples were flagged with a "J" qualifier.

The matrix spike and matrix spike duplicate recovered outside of the control limits for total sulfide.

The relative percent difference between the matrix spike and the matrix spike duplicate was outside of the control limits for total sulfide.

METHODS SUMMARY

C4F150182

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Chlorinated Herbicides by GC	SW846 8151A	SW846 1311/8150
Cyanide, Total	SW846 9012A	SW846 9012A
Ignitability	SW846 SECTION 7	SW846 SECTION 7
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 1311/3010
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 1311/7470
Organochlorine Pesticides	SW846 8081A	SW846 1311/3510
PCBs by SW-846 8082	SW846 8082	SW846 3541
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 1311/3520
Soil and Waste pH	SW846 9045C	SW846 9045C
Sulfides, Total 9030B/9034	SW846 9030B/903	SW846 9030B/903
Total Residue as Percent Solids	MCAWW 160.3 MOD	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260B	SW846 1311/5030

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C4F150382

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GJAK9	001	VPC-1	06/09/04	11:00

NOTE(S):

The analytical results of the samples listed above are presented on the following pages.

- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL Pittsburgh

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0501)

Client: BOOTH OIL SITE COMMITTEE	Project Manager: LEO M. BRAUSCH	Date: 6/9/04	Chain of Custody Number: 149127
Address: 131 WEDGEWOOD DRIVE	Telephone Number (Area Code)/Fax Number: (724) 444-0377/0351	Lab Number:	Page 1 of 1
City: GIBSONIA	State: PA	Zip Code: 15044	Site Contact: L. BRAUSCH	Lab Contact: C. GAMBER
Project Name and Location (State): BOOTH OIL SITE, NY	Carrier/Waybill Number: HAND DELIVERED	
Contract/Purchase Order/Quote No.: VERBAL		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Sol'd	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): Full TCLP Total PCBs	Special Instructions/ Conditions of Receipt
VPC-1	6/9/04	1100					✓	2						✓ ✓	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

	Relinquished By	Date	Time	Received By	Date	Time
1		6/14/04	2123		6/14/04	2123
2		6/15/04	1103		6/15/04	1120
3						

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

VIACOM

Client Sample ID: VPC-1

TCLP GC/MS Volatiles

Lot-Sample #...:	C4F150182-001	Work Order #...:	GJAK91AC	Matrix.....:	SOLID
Date Sampled...:	06/09/04	Date Received..:	06/15/04	MS Run #.....:	4173030
Leach Date.....:	06/17/04	Prep Date.....:	06/21/04	Analysis Date..:	06/21/04
Leach Batch #..:	P416906	Prep Batch #...:	4173044	Analysis Time..:	08:54
Dilution Factor:	1				
% Moisture.....:	16	Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	0.021 J	0.050	mg/L
2-Butanone	ND	0.050	mg/L
Carbon tetrachloride	ND	0.050	mg/L
Chlorobenzene	ND	0.050	mg/L
Chloroform	ND	0.050	mg/L
1,2-Dichloroethane	ND	0.050	mg/L
1,1-Dichloroethene	ND	0.050	mg/L
Tetrachloroethene	ND	0.050	mg/L
Trichloroethene	ND	0.050	mg/L
Vinyl chloride	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(77 - 120)
Toluene-d8	101	(78 - 111)
4-Bromofluorobenzene	87	(80 - 134)
Dibromofluoromethane	94	(78 - 130)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

VIACOM

Client Sample ID: VPC-1

TCLP GC/MS Semivolatiles

Lot-Sample #...:	C4F150182-001	Work Order #...:	GJAK91AD	Matrix.....:	SOLID
Date Sampled...:	06/09/04	Date Received..:	06/15/04	MS Run #.....:	
Leach Date.....:	06/17/04	Prep Date.....:	06/22/04	Analysis Date..:	06/26/04
Leach Batch #..:	P416902	Prep Batch #...:	4174116	Analysis Time..:	02:29
Dilution Factor:	1				
% Moisture.....:	16	Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(32 - 132)
2-Fluorobiphenyl	56	(30 - 120)
Terphenyl-d14	62	(20 - 144)
2-Fluorophenol	56	(23 - 110)
Phenol-d5	60	(10 - 113)
2,4,6-Tribromophenol	59	(21 - 122)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Client Sample ID: VPC-1

GC Semivolatiles

Lot-Sample #...: C4P150182-001	Work Order #...: GJAK91AV	Matrix.....: SOLID	
Date Sampled...: 06/09/04	Date Received..: 06/15/04	MS Run #.....: 4169037	
Prep Date.....: 06/17/04	Analysis Date..: 07/01/04		
Prep Batch #...: 4169059	Analysis Time..: 02:58		
Dilution Factor: 1			
% Moisture.....: 16	Method.....: SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	ND	39	ug/kg
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	ND	39	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	22 *	(31 - 127)
Decachlorobiphenyl	66	(23 - 141)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

VIACOM

Client Sample ID: VPC-1

TCLP GC Semivolatiles

Lot-Sample #...: C4F150182-001	Work Order #...: GJAK91AE	Matrix.....: SOLID
Date Sampled...: 06/09/04	Date Received..: 06/15/04	MS Run #.....: 4169288
Leach Date.....: 06/17/04	Prep Date.....: 06/17/04	Analysis Date..: 06/26/04
Leach Batch #..: P416902	Prep Batch #...: 4169469	Analysis Time..: 01:16
Dilution Factor: 1		
% Moisture.....: 16	Method.....: SW846 8081A	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.00050	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	101	(10 - 147)
Tetrachloro-m-xylene	95	(39 - 130)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311.

VIACOM

Client Sample ID: VPC-1

TCLP GC Semivolatiles

Lot-Sample #...:	C4F150182-001	Work Order #...:	GJAK91AF	Matrix.....:	SOLID
Date Sampled...:	06/09/04	Date Received..:	06/15/04	MS Run #.....:	4169293
Leach Date.....:	06/17/04	Prep Date.....:	06/17/04	Analysis Date..:	06/19/04
Leach Batch #..:	P416902	Prep Batch #...:	4169476	Analysis Time..:	02:45
Dilution Factor:	1				
% Moisture.....:	16	Method.....:	SW846 8151A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	0.040	mg/L
2,4,5-TP (Silvex)	ND	0.010	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	101	(42 - 125)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

VIACOM

Client Sample ID: VPC-1

TCLP Metals

Lot-Sample #...: C4F150182-001 Matrix.....: SOLID
Date Sampled...: 06/09/04 Date Received..: 06/15/04
Leach Date.....: 06/17/04 Leach Batch #..: P416902

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 4169328						
Arsenic	**0.13 B**	**0.50**	**mg/L**	**SW846 6010B**	**06/18-06/23/04**	**GJAK91AG**
		Dilution Factor: 1		Analysis Time..: 16:19	MS Run #.....: 4169205	
Barium	**0.20 B**	**10.0**	**mg/L**	**SW846 6010B**	**06/18-06/23/04**	**GJAK91AH**
		Dilution Factor: 1		Analysis Time..: 16:19	MS Run #.....: 4169205	
Cadmium	ND	0.10	mg/L	SW846 6010B	06/18-06/23/04	GJAK91AJ
		Dilution Factor: 1		Analysis Time..: 16:19	MS Run #.....: 4169205	
Chromium	ND	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJAK91AK
		Dilution Factor: 1		Analysis Time..: 16:19	MS Run #.....: 4169205	
Lead	ND	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJAK91AL
		Dilution Factor: 1		Analysis Time..: 16:19	MS Run #.....: 4169205	
Selenium	ND	0.25	mg/L	SW846 6010B	06/18-06/23/04	GJAK91AM
		Dilution Factor: 1		Analysis Time..: 16:19	MS Run #.....: 4169205	
Silver	ND	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJAK91AN
		Dilution Factor: 1		Analysis Time..: 16:19	MS Run #.....: 4169205	
Prep Batch #...: 4170040						
Mercury	ND	0.00020	mg/L	SW846 7470A	06/18/04	GJAK91AP
		Dilution Factor: 1		Analysis Time..: 10:53	MS Run #.....: 4170037	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method [31]

B Estimated result. Result is less than RL.

VIACOM

Client Sample ID: VPC-1

General Chemistry

Lot-Sample #...: C4F150182-001 Work Order #...: GJAK9 Matrix.....: SOLID
Date Sampled...: 06/09/04 Date Received..: 06/15/04
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	8.2		No Units	SW846 9045C	06/16/04	4168323
	Dilution Factor: 1			Analysis Time..: 14:42	MS Run #.....: 4168195	
Cyanide, Total	0.38 B,J	0.59	mg/kg	SW846 9012A	06/16-06/17/04	4168180
	Dilution Factor: 1			Analysis Time..: 12:25	MS Run #.....: 4168125	
Ignitability	NO	--	No Units	SW846 SECTION 7.1	06/22/04	4174368
	Dilution Factor: 1			Analysis Time..: 00:00	MS Run #.....: 4174245	
Percent Solids	84.3	1.0	%	MCAWW 160.3 MOD	06/19-06/20/04	4171024
	Dilution Factor: 1			Analysis Time..: 05:45	MS Run #.....: 4171006	
Total Sulfide	ND	11.9	mg/kg	SW846 9030B/9034	06/16-06/17/04	4169202
	Dilution Factor: 1			Analysis Time..: 12:30	MS Run #.....: 4169127	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TCLP GC/MS Volatiles

Client Lot #...: C4F150182 Work Order #...: GJFF381AA Matrix.....: SOLID
MB Lot-Sample #: C4F170000-091
Leach Date.....: 06/17/04 Prep Date.....: 06/21/04 Analysis Date..: 06/21/04
Leach Batch #..: P416906 Prep Batch #...: 4173044 Analysis Time..: 06:36
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(77 - 120)
Toluene-d8	105	(78 - 111)
4-Bromofluorobenzene	90	(80 - 114)
Dibromofluoromethane	101	(78 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C4F150182 Work Order #...: GJP2N1AA Matrix.....: SOLID
MB Lot-Sample #: C4F220000-116

Prep Date.....: 06/22/04 Analysis Time..: 22:10
Analysis Date..: 06/25/04 Prep Batch #...: 4176116
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270C
Hexachloroethane	ND	0.050	mg/L	SW846 8270C
Nitrobenzene	ND	0.050	mg/L	SW846 8270C
Pentachlorophenol	ND	0.25	mg/L	SW846 8270C
Pyridine	ND	0.10	mg/L	SW846 8270C
2,4,5-Trichlorophenol	ND	0.050	mg/L	SW846 8270C
2,4,6-Trichlorophenol	ND	0.050	mg/L	SW846 8270C
Cresols (total)	ND	0.050	mg/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(32 - 112)
2-Fluorobiphenyl	70	(30 - 110)
Terphenyl-d14	73	(10 - 144)
2-Fluorophenol	66	(13 - 110)
Phenol-d5	68	(10 - 113)
2,4,6-Tribromophenol	67	(21 - 122)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C4F15C182 Work Order #...: GJF2V1AA Matrix.....: SOLID
MB Lot-Sample #: C4F170000-059

Prep Date.....: 06/17/04 Analysis Time..: 03:18
Analysis Date..: 07/01/04 Prep Batch #...: 4169059
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(31 - 127)
Decachlorobiphenyl	87	(23 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C4F150182 Work Order #...: GJJCE1AA Matrix.....: SOLID
MB Lot-Sample #: C4F170000-469

Prep Date.....: 06/17/04 Analysis Time..: 05:07
Analysis Date..: 06/26/04 Prep Batch #...: 4169469
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.00050	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(10 - 147)
Tetrachloro-m-xylene	105	(39 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C4F150182 Work Order #...: GJJJ61AA Matrix.....: SOLID
MB Lot-Sample #: C4F170000-476

Prep Date.....: 06/17/04 Analysis Time..: 04:19
Analysis Date..: 06/19/04 Prep Batch #...: 4169476
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4 D	ND	0.040	mg/L	SW846 8151A
2,4,5-TP (Silvex)	ND	0.010	mg/L	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	107	(42 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C4F150182 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C4F170000-072 Prep Batch #...: 4169328						
Leach Date.....: 06/17/04 Leach Batch #..: P416902						
Arsenic	0.15 B	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJF291AE
		Dilution Factor: 1				
		Analysis Time..: 16:13				
MB Lot-Sample #: C4F170000-072 Prep Batch #...: 4170C40						
Leach Date.....: 06/17/04 Leach Batch #..: P416902						
Mercury	ND	0.00020	mg/L	SW846 7470A	06/18/04	GJF291AM
		Dilution Factor: 1				
		Analysis Time..: 10:52				
MB Lot-Sample #: C4F170000-072 Prep Batch #...: 4169328						
Leach Date.....: 06/17/04 Leach Batch #..: P416902						
Barium	0.0079 B	10.0	mg/L	SW846 6010B	06/18-06/23/04	GJF291AF
		Dilution Factor: 1				
		Analysis Time..: 16:13				
Cadmium	ND	0.10	mg/L	SW846 6010B	06/18-06/23/04	GJF291AG
		Dilution Factor: 1				
		Analysis Time..: 16:13				
Chromium	ND	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJF291AH
		Dilution Factor: 1				
		Analysis Time..: 16:13				
Lead	ND	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJF291AJ
		Dilution Factor: 1				
		Analysis Time..: 16:13				
Selenium	ND	0.25	mg/L	SW846 6010B	06/18-06/23/04	GJF291AK
		Dilution Factor: 1				
		Analysis Time..: 16:13				
Silver	ND	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJF291AL
		Dilution Factor: 1				
		Analysis Time..: 16:13				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C4F150182 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C4F170000-328 Prep Batch #...: 4169328						
Arsenic	ND	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJHJF1AA
		Dilution Factor: 1				
		Analysis Time...: 16:09				
Barium	ND	10.0	mg/L	SW846 6010B	06/18-06/23/04	GJHJF1AC
		Dilution Factor: 1				
		Analysis Time...: 16:09				
Cadmium	ND	0.10	mg/L	SW846 6010B	06/18-06/23/04	GJHJF1AD
		Dilution Factor: 1				
		Analysis Time...: 16:09				
Chromium	ND	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJHJF1AE
		Dilution Factor: 1				
		Analysis Time...: 16:09				
Lead	ND	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJHJF1AF
		Dilution Factor: 1				
		Analysis Time...: 16:09				
Selenium	ND	0.25	mg/L	SW846 6010B	06/18-06/23/04	GJHJF1AG
		Dilution Factor: 1				
		Analysis Time...: 16:09				
Silver	ND	0.50	mg/L	SW846 6010B	06/18-06/23/04	GJHJF1AH
		Dilution Factor: 1				
		Analysis Time...: 16:09				
MB Lot-Sample #: C4F180000-040 Prep Batch #...: 4170040						
Mercury	ND	0.00020	mg/L	SW846 7470A	06/18/04	GJJT11AA
		Dilution Factor: 1				
		Analysis Time...: 10:49				

NOTE(S):

Calculations are performed before rounding to avoid round off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C4F150182 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: GJDVMLAA		MB Lot-Sample #:	C4F160000-180	
	0.24 B	0.50	mg/kg	SW846 9012A	06/16-06/17/04	4168180
		Dilution Factor: 1				
		Analysis Time..: 12:23				
Total Sulfide		Work Order #: GJGTW1AA		MB Lot-Sample #:	C4F170000-202	
	ND	10.0	mg/kg	SW846 9030B/9034	06/16-06/17/04	4169202
		Dilution Factor: 1				
		Analysis Time..: 12:30				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C4P150182 Work Order #...: GJNG51AA Matrix.....: SOLID
LCS Lot-Sample#: C4P210000-044
Prep Date.....: 06/21/04 Analysis Date..: 06/21/04
Prep Batch #...: 4173044 Analysis Time..: 09:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	105	(79 - 116)	SW846 8260B
2-Butanone	104	(35 - 156)	SW846 8260B
Carbon tetrachloride	106	(72 - 133)	SW846 8260B
Chlorobenzene	106	(81 - 115)	SW846 8260B
Chloroform	100	(81 - 122)	SW846 8260B
1,2-Dichloroethane	100	(73 - 127)	SW846 8260B
1,1-Dichloroethene	105	(65 - 119)	SW846 8260B
Tetrachloroethene	105	(78 - 131)	SW846 8260B
Trichloroethene	98	(80 - 122)	SW846 8260B
Vinyl chloride	110	(53 - 134)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(77 - 120)
Toluene-d8	111	(78 - 111)
4-Bromofluorobenzene	108	(80 - 114)
Dibromofluoromethane	98	(78 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C4F150182 Work Order #...: GJP2N1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: C4F220000-116 GJP2N1AD-LCSD
Prep Date.....: 06/22/04 Analysis Date..: 06/26/04
Prep Batch #...: 4174116 Analysis Time..: 00:34
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4 Dichlorobenzene	68	(28 - 110)			SW846 8270C
	68	(28 - 110)	0.0	(0-36)	SW846 8270C
2,4-Dinitrotoluene	69	(47 - 131)			SW846 8270C
	72	(47 - 131)	3.4	(0-32)	SW846 8270C
Hexachlorobenzene	72	(57 - 128)			SW846 8270C
	74	(57 - 128)	1.6	(0-22)	SW846 8270C
Hexachlorobutadiene	71	(36 - 116)			SW846 8270C
	72	(36 - 116)	1.1	(0-32)	SW846 8270C
Hexachloroethane	66	(30 - 110)			SW846 8270C
	66	(30 - 110)	0.60	(0-33)	SW846 8270C
Nitrobenzene	71	(45 - 130)			SW846 8270C
	72	(45 - 130)	1.7	(0-50)	SW846 8270C
Pentachlorophenol	99	(10 - 140)			SW846 8270C
	97	(10 - 140)	1.6	(0-56)	SW846 8270C
Pyridine	70	(10 - 148)			SW846 8270C
	71	(10 - 148)	1.1	(0-65)	SW846 8270C
2,4,5-Trichlorophenol	65	(41 - 125)			SW846 8270C
	69	(41 - 125)	5.4	(0-22)	SW846 8270C
2,4,6-Trichlorophenol	68	(46 - 135)			SW846 8270C
	69	(46 - 135)	1.8	(0-27)	SW846 8270C
Cresols (total)	66	(29 - 144)			SW846 8270C
	67	(29 - 144)	1.8	(0-33)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(32 - 112)
	72	(32 - 112)
2-Fluorobiphenyl	70	(30 - 110)
	69	(30 - 110)
Terphenyl-d14	71	(10 - 144)
	68	(10 - 144)
2-Fluorophenol	69	(13 - 110)
	69	(13 - 110)
Phenol-d5	69	(10 - 113)
	69	(10 - 113)
2,4,6-Tribromophenol	72	(21 - 122)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C4F150182 Work Order #...: GJP2N1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: C4F220000-116 GJP2N1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	71	(21 - 122)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C4F150182 Work Order #...: GJF2V1AC Matrix.....: SOLID
LCS Lot-Sample#: C4F170000-059
Prep Date.....: 06/17/04 Analysis Date..: 06/30/04
Prep Batch #...: 4169059 Analysis Time..: 22:56
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	87	(49 - 122)	SW846 8082
Aroclor 1260	88	(51 - 127)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(31 - 127)
Decachlorobiphenyl	93	(23 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C4F150182 Work Order #...: GJJJ1AC Matrix.....: SOLID
LCS Lot-Sample#: C4F170000-469
Prep Date.....: 06/17/04 Analysis Date..: 06/26/04
Prep Batch #...: 4169469 Analysis Time..: 05:36
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Endrin	90	(46 - 137)	SW846 8081A
Heptachlor	90	(57 - 124)	SW846 8081A
Heptachlor epoxide	93	(53 - 135)	SW846 8081A
Lindane	91	(49 - 137)	SW846 8081A
Methoxychlor	104	(12 - 154)	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	97	(10 - 147)
Tetrachloro-m-xylene	108	(39 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C4F150182 Work Order #...: GJNJS1AC Matrix.....: SOLID
LCS Lot-Sample#: C4F170000-476
Prep Date.....: 06/17/04 Analysis Date..: 06/19/04
Prep Batch #...: 4169476 Analysis Time..: 04:50
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,4-D	79	(28 - 136)	SW846 8151A
2,4,5-TP (Silvex)	80	(50 - 128)	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	90	(42 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C4F150182 Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C4F170000-328 **Prep Batch #...:** 4169328					
Arsenic	111	(80 - 120)	SW846 6010B	06/18-06/23/04	GJHJF1AJ
		Dilution Factor: 1	Analysis Time..: 16:16		
Barium	103	(80 - 120)	SW846 6010B	06/18-06/23/04	GJHJF1AK
		Dilution Factor: 1	Analysis Time..: 16:16		
Cadmium	97	(80 - 120)	SW846 6010B	06/18-06/23/04	GJHJF1AL
		Dilution Factor: 1	Analysis Time..: 16:16		
Chromium	101	(80 - 120)	SW846 6010B	06/18-06/23/04	GJHJF1AM
		Dilution Factor: 1	Analysis Time..: 16:16		
Lead	96	(80 - 120)	SW846 6010B	06/18-06/23/04	GJHJF1AN
		Dilution Factor: 1	Analysis Time..: 16:16		
Selenium	110	(80 - 120)	SW846 6010B	06/18-06/23/04	GJHJF1AP
		Dilution Factor: 1	Analysis Time..: 16:16		
Silver	100	(80 - 120)	SW846 6010B	06/18-06/23/04	GJHJF1AQ
		Dilution Factor: 1	Analysis Time..: 16:16		
LCS Lot-Sample#: C4F180000-040 **Prep Batch #...:** 4170040					
Mercury	103	(80 - 120)	SW846 7470A	06/18/04	GJJT11AC
		Dilution Factor: 1	Analysis Time..: 10:50		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C4F150182 Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: GJE9R1AA	LCS Lot-Sample#: C4F160000-323		
	100	(85 - 115)	SW846 9045C	06/16/04	4168323
		Dilution Factor: 1	Analysis Time..: 14:40		
Cyanide, Total		Work Order #: GJDVM1AC	LCS Lot-Sample#: C4F160000-180		
	86	(40 - 160)	SW846 9012A	06/16-06/17/04	4168180
		Dilution Factor: 10	Analysis Time..: 22:24		
Total Sulfide		Work Order #: GJGTW1AC	LCS Lot-Sample#: C4F170000-202		
	87	(70 - 120)	SW846 9030B/9034	06/16-06/17/04	4169202
		Dilution Factor: 1	Analysis Time..: 12:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...:	C4F150182	Work Order #...:	GHLXP1AT-MS	Matrix.....:	SOLID
MS Lot-Sample #:	C4F040202-002		GHLXP1AU-MSD		
Date Sampled...:	06/03/04	Date Received..:	06/04/04	MS Run #.....:	4173030
Leach Date.....:	06/17/04	Prep Date.....:	06/21/04	Analysis Date..:	06/21/04
Leach Batch #..:	P416906	Prep Batch #...:	4173044	Analysis Time..:	10:41
Dilution Factor:	1				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	109	(73 - 123)			SW846 8260B
	108	(73 - 123)	0.35	(0-20)	SW846 8260B
2-Butanone	79	(10 - 151)			SW846 8260B
	105	(10 - 151)	29	(0-34)	SW846 8260B
Carbon tetrachloride	110	(61 - 143)			SW846 8260B
	107	(61 - 143)	2.7	(0-20)	SW846 8260B
Chlorobenzene	108	(70 - 122)			SW846 8260B
	109	(70 - 122)	1.2	(0-20)	SW846 8260B
Chloroform	104	(65 - 131)			SW846 8260B
	103	(65 - 131)	0.90	(0-20)	SW846 8260B
1,2-Dichloroethane	106	(67 - 132)			SW846 8260B
	106	(67 - 132)	0.17	(0-20)	SW846 8260B
1,1-Dichloroethene	108	(57 - 138)			SW846 8260B
	109	(57 - 138)	0.55	(0-20)	SW846 8260B
Tetrachloroethene	108	(70 - 130)			SW846 8260B
	109	(70 - 130)	0.82	(0-20)	SW846 8260B
Trichloroethene	104	(58 - 141)			SW846 8260B
	103	(58 - 141)	1.1	(0-20)	SW846 8260B
Vinyl chloride	116	(51 - 133)			SW846 8260B
	116	(51 - 133)	0.37	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(77 - 120)
	96	(77 - 120)
Toluene-d8	104	(78 - 111)
	105	(78 - 111)
4-Bromofluorobenzene	99	(80 - 114)
	102	(80 - 114)
Dibromofluoromethane	95	(78 - 110)
	96	(78 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	C4F150182	Work Order #...:	GH20H1AP-MS	Matrix.....:	SOLID
MS Lot-Sample #:	C4F100300-010		GH20H1AQ-MSD		
Date Sampled...:	06/08/04	Date Received..:	06/10/04	MS Run #.....:	4169037
Prep Date.....:	06/17/04	Analysis Date..:	06/30/04		
Prep Batch #...:	4169059	Analysis Time..:	23:57		
Dilution Factor:	1	% Moisture.....:	21		

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	69	(26 - 144)			SW846 8082
	67	(26 - 144)	2.9	(0-39)	SW846 8082
Aroclor 1260	84	(37 - 138)			SW846 8082
	82	(37 - 138)	2.8	(0-33)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(32 - 127)
	72	(31 - 127)
Decachlorobiphenyl	106	(23 - 141)
	107	(23 - 141)

NOTE(S):

Calculations are performed before rounding to avoid round off errors in calculated results.

Bold print denotes control parameters.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	C4F150182	Work Order #...:	GJAK91CL-MS	Matrix.....:	SOLID
MS Lot-Sample #:	C4F150182-001		GJAK91CM-MSD		
Date Sampled...:	06/09/04	Date Received..:	06/15/04	MS Run #.....:	4169288
Prep Date.....:	06/17/04	Analysis Date..:	06/26/04		
Prep Batch #...:	4169469	Analysis Time..:	01:45		
Dilution Factor:	1	% Moisture.....:	16		

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Endrin	92	(46 - 137)			SW846 8081A
	92	(46 - 137)	0.91	(0-40)	SW846 8081A
Heptachlor	90	(57 - 124)			SW846 8081A
	89	(57 - 124)	1.1	(0-32)	SW846 8081A
Heptachlor epoxide	91	(53 - 135)			SW846 8081A
	91	(53 - 135)	0.39	(0-31)	SW846 8081A
Lindane	93	(49 - 137)			SW846 8081A
	91	(49 - 137)	1.8	(0-22)	SW846 8081A
Methoxychlor	113	(12 - 154)			SW846 8081A
	114	(12 - 154)	1.3	(0-29)	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	99	(10 - 147)
	102	(10 - 147)
Tetrachloro-m-xylene	98	(39 - 130)
	99	(39 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC Semivolatiles

Client Lot #...:	C4F150182	Work Order #...:	GJAK91CN-MS	Matrix.....:	SOLID
MS Lot-Sample #:	C4F150182-001		GJAK91CP-MSD		
Date Sampled...:	06/09/04	Date Received..:	06/15/04	MS Run #.....:	4169291
Leach Date.....:	06/17/04	Prep Date.....:	06/17/04	Analysis Date..:	06/19/04
Leach Batch #..:	P416902	Prep Batch #...:	4169476	Analysis Time..:	03:16
Dilution Factor:	1				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-D	89	(35 - 133)			SW846 8151A
	84	(35 - 133)	6.6	(0-20)	SW846 8151A
2,4,5-TP (Silvex)	88	(50 - 131)			SW846 8151A
	82	(50 - 131)	6.3	(0-20)	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	100	(42 - 125)
	96	(42 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C4F150182 Matrix.....: SOLID
Date Sampled...: 06/09/04 Date Received..: 06/15/04

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C4F150182-001 Prep Batch #...: 4169328							
Leach Date.....: 06/17/04 Leach Batch #..: P416902							
Arsenic	104	(75 - 125)			SW846 6010B	06/18-06/23/04	GJAK91A5
	103	(75 - 125)	1.5	(0-20)	SW846 6010B	06/18-06/23/04	GJAK91A6
		Dilution Factor: 1					
		Analysis Time..: 16:26					
		MS Run #.....: 4169205					
Barium	104	(75 - 125)			SW846 6010B	06/18-06/23/04	GJAK91A7
	102	(75 - 125)	1.8	(0-20)	SW846 6010B	06/18-06/23/04	GJAK91A8
		Dilution Factor: 1					
		Analysis Time..: 16:26					
		MS Run #.....: 4169205					
Cadmium	102	(75 - 125)			SW846 6010B	06/18-06/23/04	GJAK91A9
	100	(75 - 125)	2.0	(0-20)	SW846 6010B	06/18-06/23/04	GJAK91CA
		Dilution Factor: 1					
		Analysis Time..: 16:26					
		MS Run #.....: 4169205					
Chromium	100	(75 - 125)			SW846 6010B	06/18-06/23/04	GJAK91CC
	99	(75 - 125)	1.6	(0-20)	SW846 6010B	06/18-06/23/04	GJAK91CD
		Dilution Factor: 1					
		Analysis Time..: 16:26					
		MS Run #.....: 4169205					
Lead	98	(75 - 125)			SW846 6010B	06/18-06/23/04	GJAK91CE
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	06/18-06/23/04	GJAK91CF
		Dilution Factor: 1					
		Analysis Time..: 16:26					
		MS Run #.....: 4169205					
Selenium	110	(75 - 125)			SW846 6010B	06/18-06/23/04	GJAK91CG
	107	(75 - 125)	2.3	(0-20)	SW846 6010B	06/18-06/23/04	GJAK91CH
		Dilution Factor: 1					
		Analysis Time..: 16:26					
		MS Run #.....: 4169205					
Silver	75	(75 - 125)			SW846 6010B	06/18-06/23/04	GJAK91CJ
	78	(75 - 125)	3.2	(0-20)	SW846 6010B	06/18-06/23/04	GJAK91CK
		Dilution Factor: 1					
		Analysis Time..: 16:26					
		MS Run #.....: 4169205					

MS Lot-Sample #: C4F150182-002 Prep Batch #...: 4170040
Leach Date.....: 06/17/04 Leach Batch #..: P416902

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C4F150182 Matrix.....: SOLID
Date Sampled...: 06/09/04 Date Received..: 06/15/04

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	100	(75 - 125)			SW846 7470A	06/18/04	GJAK9:CQ
	100	(75 - 125)	0.20	(0-20)	SW846 7470A	06/18/04	GJAK9LCR

Dilution Factor: 1
Analysis Time..: 10:55
MS Run #.....: 417003?

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C4F150182 — Matrix.....: SOLID
Date Sampled...: 06/08/04 — Date Received..: 06/15/04

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 16	
Cyanide, Total			WO#: GJAK91A0-MS/GJAK91A1-MSD			MS Lot-Sample #: C4F150182-001	
	90	(75 - 125)			SW846 9012A	06/16-06/17/04	4168180
	92	(75 - 125)	1.9	(0-20)	SW846 9012A	06/16-06/17/04	4168180
		Dilution Factor: 1					
		Analysis Time..: 12:26					
		MS Run #.....: 4168135					
						% Moisture.....: 16	
Total Sulfide			WO#: GJAK91A3-MS/GJAK91A4-MSD			MS Lot-Sample #: C4F150182-001	
	19 N	(70 - 120)			SW846 9030B/9034	06/16-06/17/04	4169202
	28 N,*	(70 - 120)	36	(0-20)	SW846 9030B/9034	06/16-06/17/04	4169202
		Dilution Factor: 1					
		Analysis Time..: 12:30					
		MS Run #.....: 4169127					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C4F150182 Work Order #...: GJAK9-SMP Matrix.....: SOLID
GJAK9-DUP
Date Sampled...: 06/09/04 Date Received..: 06/15/04
% Moisture.....: 16

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C4F150182-001		
	84.3	84.8	%	0.70	(0-20)	MCAWW 160.3 MOD	06/19-06/20/04	4171024
		Dilution Factor: 1				Analysis Time..: 05:45	MS Run Number..: 4171008	
pH						SD Lot-Sample #: C4F150182-001		
	8.2	8.2	No Units	0.61	(0-20)	SW846 9045C	06/16/04	4168323
		Dilution Factor: 1				Analysis Time..: 14:42	MS Run Number..: 4168195	

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report
Report Date: 07/08/04
Work Order Number: 4F30016

Prepared For
Ken Paisley
Sevenson Environmental Services
2749 Lockport Road
Niagara Falls, NY 14302
Fax: (716) 285-4201

Site: Booth Oil

Enclosed are the results of analyses for samples received by the laboratory on 06/30/04. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel W. Vollmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson Environmental Services	Project: Booth Oil	
2749 Lockport Road	Project Number: Booth Oil	**Reported:**
Niagara Falls NY, 14302	Project Manager: Ken Paisley	07/08/04 16:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Booth - Drum Water	4F30016-01	Water	06/30/04 11:30	06/30/04 12:00

According to the NYSDOH, pH analyses not performed within 15 minutes need to be reported as "over-aged".

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson Environmental Services	Project: Booth Oil	
2749 Lockport Road	Project Number: Booth Oil	**Reported:**
Niagara Falls NY, 14302	Project Manager: Ken Paisley	07/08/04 16:44

RCRA Metals by EPA 6000/7000 Series Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Booth - Drum Water (4F30016-01) Water	**Sampled: 06/30/04 11:30**		**Received: 06/30/04 12:00**						
Mercury	ND	0.0002	mg/L	1	AG40610	07/06/04	07/06/04	EPA 7470A	
Arsenic	ND	0.009	"	"	AG40715	07/07/04	07/08/04	EPA 6010B	
Barium	**0.136**	0.005	"	"	"	"	"	"	
Cadmium	ND	0.001	"	"	"	"	"	"	
Chromium	**0.005**	0.005	"	"	"	"	"	"	
Lead	**0.051**	0.015	"	"	"	"	"	"	
Selenium	ND	0.019	"	"	"	"	"	"	
Silver	ND	0.005	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson Environmental Services	Project: Booth Oil	
2749 Lockport Road	Project Number: Booth Oil	**Reported:**
Niagara Falls NY, 14302	Project Manager: Ken Paisley	07/08/04 16:44

Organochlorine Pesticides by EPA Method 8081A

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Booth - Drum Water (4F30016-01) Water	**Sampled: 06/30/04 11:30**		**Received: 06/30/04 12:00**						
Chlordane	ND	0.200	ug/l	1	AG40601	07/06/04	07/08/04	8081	U
Endrin	ND	0.010	"	"	"	"	"	"	U
Gamma-BHC (Lindane)	ND	0.010	"	"	"	"	"	"	U
Heptachlor	ND	0.010	"	"	"	"	"	"	U
Heptachlor Epoxide	ND	0.010	"	"	"	"	"	"	U
Methoxychlor	ND	0.010	"	"	"	"	"	"	U
Toxaphene	ND	0.250	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		*77.8 %*	*67-131*		"	"	*07/08/04*	"	
Surrogate: Decachlorobiphenyl		*51.6 %*	*68-129*		"	"	*07/08/04*	"	*S-04*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson Environmental Services	Project: Booth Oil	
2749 Lockport Road	Project Number: Booth Oil	**Reported:**
Niagara Falls NY, 14302	Project Manager: Ken Paisley	07/08/04 16:44

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Booth - Drum Water (4F30016-01) Water	**Sampled: 06/30/04 11:30**		**Received: 06/30/04 12:00**						
Aroclor 1016	ND	0.050	ug/l	1	AG40601	07/06/04	07/08/04	8082	U
Aroclor 1221	ND	0.050	"	"	"	"	07/08/04	"	U
Aroclor 1232	ND	0.050	"	"	"	"	"	"	U
Aroclor 1242	ND	0.050	"	"	"	"	"	"	U
Aroclor 1248	ND	0.050	"	"	"	"	"	"	U
Aroclor 1254	ND	0.050	"	"	"	"	"	"	U
Aroclor 1260	ND	0.050	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		*77.8 %*	*67-131*		"	"	*07/08/04*	"	
Surrogate: Decachlorobiphenyl		*51.6 %*	*68-129*		"	"	*07/08/04*	"	*S-04*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson Environmental Services	Project: Booth Oil	
2749 Lockport Road	Project Number: Booth Oil	**Reported:**
Niagara Falls NY, 14302	Project Manager: Ken Paisley	07/08/04 16:44

Chlorinated Herbicides by EPA Method 8151A

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Booth - Drum Water (4F30016-01) Water	**Sampled: 06/30/04 11:30**		**Received: 06/30/04 12:00**						
2,4-D	ND	0.4	ug/l	1	AG40622	07/02/04	07/07/04	8151	U
2,4,5-TP (Silvex)	ND	0.4	"	"	"	"	"	"	U
Surrogate: 2,4-DCPAA		*123 %*	*24-146*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson Environmental Services	Project: Booth Oil	
2749 Lockport Road	Project Number: Booth Oil	**Reported:**
Niagara Falls NY, 14302	Project Manager: Ken Paisley	07/08/04 16:44

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Booth - Drum Water (4F30016-01) Water	**Sampled: 06/30/04 11:30**		**Received: 06/30/04 12:00**						
vinyl chloride	ND	1	ug/l	1	AG40105	07/01/04	07/01/04	8260	U
trichloroethene	ND	1	"	"	"	"	"	"	U
tetrachloroethene	ND	1	"	"	"	"	"	"	U
chloroform	ND	1	"	"	"	"	"	"	U
chlorobenzene	ND	1	"	"	"	"	"	"	U
carbon tetrachloride	ND	1	"	"	"	"	"	"	U
benzene	ND	1	"	"	"	"	"	"	U
2-butanone	ND	10	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	2	"	"	"	"	"	"	U
1,2-dichloroethane	ND	1	"	"	"	"	"	"	U
1,1-dichloroethene	ND	1	"	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*74-117*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*82-123*		"	"	"	"	
Surrogate: Bromofluorobenzene		*107 %*	*85-123*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson Environmental Services	Project: Booth Oil	
2749 Lockport Road	Project Number: Booth Oil	**Reported:**
Niagara Falls NY, 14302	Project Manager: Ken Paisley	07/08/04 16:44

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Booth - Drum Water (4F30016-01) Water	**Sampled: 06/30/04 11:30**		**Received: 06/30/04 12:00**						
Total cresols (o,m & p)	ND	80	ug/l	10	AG40201	07/02/04	07/08/04	8270	U
pyridine	ND	20	"	"	"	"	"	"	U
pentachlorophenol	ND	40	"	"	"	"	"	"	U
nitrobenzene	ND	20	"	"	"	"	"	"	U
hexachloroethane	ND	20	"	"	"	"	"	"	U
hexachlorobutadiene	ND	20	"	"	"	"	"	"	U
hexachlorobenzene	ND	20	"	"	"	"	"	"	U
2,4-dinitrotoluene	ND	20	"	"	"	"	"	"	U
2,4,6-trichlorophenol	ND	40	"	"	"	"	"	"	U
2,4,5-trichlorophenol	ND	20	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	20	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		*53.0 %*	*24-59*		"	"	"	"	
Surrogate: Phenol-d6		*18.4 %*	*16-40*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*73.2 %*	*37-118*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*63.9 %*	*40-119*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*97.0 %*	*44-124*		"	"	"	"	
Surrogate: Terphenyl-d14		*72.3 %*	*44-121*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson Environmental Services	Project: Booth Oil	
2749 Lockport Road	Project Number: Booth Oil	**Reported:**
Niagara Falls NY, 14302	Project Manager: Ken Paisley	07/08/04 16:44

Conventional Chemistry Parameters by APHA/EPA Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Booth - Drum Water (4F30016-01) Water	**Sampled: 06/30/04 11:30**		**Received: 06/30/04 12:00**						
pH	**7.36**	0.01	pH Units	1	AG40121	07/01/04	07/01/04	EPA 150.1	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson Environmental Services	Project: Booth Oil	
2749 Lockport Road	Project Number: Booth Oil	**Reported:**
Niagara Falls NY, 14302	Project Manager: Ken Paisley	07/08/04 16:44

Physical Parameters by APHA/ASTM/EPA Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Booth - Drum Water (4F30016-01) Water	**Sampled: 06/30/04 11:30**		**Received: 06/30/04 12:00**						
Ignitability by Flashpoint	>200		°F	1	AF43023	06/30/04	06/30/04	EPA 1010	
Reactive Cyanide	ND	40.0	mg/kg	"	AG40612	07/06/04	07/07/04	Section 7.3.3.2	
Reactive Sulfide	ND	40.0	"	"	AG40613	07/06/04	07/07/04	Section 7.3.4.2	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Notes and Definitions

U	Analyte included in the analysis, but not detected
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CHAIN OF CUSTODY

WASTE STREAM TECHNOLOGY

Waste Stream Technology Inc.
302 Grote Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

OFFICE USE ONLY
GROUP # 4f30016
DUE DATE

PAGE 1 OF 1

REPORT TO: Ken Paisley
CONTACT Ken
PH. # ( ) 284-0431
FAX # ( ) 285-4201
BILL TO:
PO#
PROJECT DESCRIPTION Booth Oil
SAMPLER SIGNATURE

TURN AROUND TIME: Sdm
QUOTATION NUMBER:

ARE SPECIAL DETECTION LIMITS REQUIRED: YES (NO)
If yes please attach requirements.

Is a QC Package required: YES (NO)
If yes please attach requirements

DW DRINKING WATER
GW GROUND WATER
SW SURFACE WATER
WW WASTE WATER
O OIL
SL SLUDGE
SO SOIL
S SOLID
W WIPE
OTHER

ANALYSES TO BE PERFORMED

	SAMPLE I.D.	DATE SAMPLED	TIME OF SAMPLING	SAMPLE TYPE	TOTAL NO. OF CONTAINERS	TOTAL VOC TCLP List	TOTAL Herbicide TCLP List	RCRA Metals TCLP List	8270 TCLP List	RCRA Chem TCLP List	Total Pest + PCB				TYPE OF CONTAINER/ COMMENTS:	OFFICE USE ONLY WST. I.D.
1	Booth Drum Water	9/30/04	1000	WW	7	2	1	1	1	1	1					2x40ml 4x1L	01
2																
3																
4																
5																
6																
7																
8																
9																
10																

REMARKS:

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
	10/30/04	1200		11/2/04	1000
RELINQUISHED BY:	DATE: / /	TIME:	RECEIVED BY:	DATE: / /	TIME:

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring # 1
Lab Order:	C0410022	**Tag Number:**	85
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.15	0.15		ppbV	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trimethylbenzene	0.24	0.15		ppbV	1	10/26/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloroethane	0.15	0.15		ppbV	1	10/26/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	10/26/2004
1,3,5-Trimethylbenzene	ND	0.15		ppbV	1	10/26/2004
1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,4-Dichlorobenzene	0.31	0.15		ppbV	1	10/26/2004
1,4-Dioxane	ND	0.15		ppbV	1	10/26/2004
2,2,4-trimethylpentane	ND	0.15		ppbV	1	10/26/2004
4-ethyltoluene	ND	0.15		ppbV	1	10/26/2004
Acetone	ND	6.0		ppbV	20	10/26/2004
Allyl chloride	ND	0.15		ppbV	1	10/26/2004
Benzene	0.27	0.15		ppbV	1	10/26/2004
Benzyl chloride	ND	0.15		ppbV	1	10/26/2004
Bromodichloromethane	ND	0.15		ppbV	1	10/26/2004
Bromoform	ND	0.15		ppbV	1	10/26/2004
Bromomethane	ND	0.15		ppbV	1	10/26/2004
Carbon disulfide	1.1	0.15		ppbV	1	10/26/2004
Carbon tetrachloride	ND	0.15		ppbV	1	10/26/2004
Chlorobenzene	ND	0.15		ppbV	1	10/26/2004
Chloroethane	ND	0.15		ppbV	1	10/26/2004
Chloroform	0.76	0.15		ppbV	1	10/26/2004
Chloromethane	ND	0.15		ppbV	1	10/26/2004
cis-1,2-Dichloroethene	25	3.0		ppbV	20	10/26/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Cyclohexane	ND	0.15		ppbV	1	10/26/2004
Dibromochloromethane	ND	0.15		ppbV	1	10/26/2004
Ethyl acetate	ND	0.25		ppbV	1	10/26/2004
Ethylbenzene	ND	0.15		ppbV	1	10/26/2004
Freon 11	0.27	0.15		ppbV	1	10/26/2004
Freon 113	ND	0.15		ppbV	1	10/26/2004
Freon 114	ND	0.15		ppbV	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring # 1
Lab Order:	C0410022	**Tag Number:**	85
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.47	0.15		ppbV	1	10/26/2004
Heptane	ND	0.15		ppbV	1	10/26/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
Hexane	0.42	0.15		ppbV	1	10/26/2004
Isopropyl alcohol	ND	0.15		ppbV	1	10/26/2004
m-Xylene	0.22	0.15		ppbV	1	10/26/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Isobutyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	10/26/2004
Methylene chloride	ND	0.15		ppbV	1	10/26/2004
o-Xylene	ND	0.15		ppbV	1	10/26/2004
p-Xylene	ND	0.15		ppbV	1	10/26/2004
Propylene	ND	0.15		ppbV	1	10/26/2004
Styrene	ND	0.15		ppbV	1	10/26/2004
Tetrachloroethylene	1.2	0.15		ppbV	1	10/26/2004
Tetrahydrofuran	ND	0.15		ppbV	1	10/26/2004
Toluene	0.69	0.15		ppbV	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Trichloroethene	1.5	0.15		ppbV	1	10/26/2004
Vinyl acetate	ND	0.15		ppbV	1	10/26/2004
Vinyl Bromide	ND	0.15		ppbV	1	10/26/2004
Vinyl chloride	0.20	0.15		ppbV	1	10/26/2004
Surr: Bromofluorobenzene	95.0	70-130		%REC	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #2
Lab Order:	C0410022	**Tag Number:**	101
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trimethylbenzene	0.53	0.15		ppbV	1	10/26/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	10/26/2004
1,3,5-Trimethylbenzene	ND	0.15		ppbV	1	10/26/2004
1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,4-Dichlorobenzene	1.5	0.15		ppbV	1	10/26/2004
1,4-Dioxane	ND	0.15		ppbV	1	10/26/2004
2,2,4-trimethylpentane	0.19	0.15		ppbV	1	10/26/2004
4-ethyltoluene	ND	0.15		ppbV	1	10/26/2004
Acetone	5.2	1.5		ppbV	5	10/26/2004
Allyl chloride	ND	0.15		ppbV	1	10/26/2004
Benzene	0.50	0.15		ppbV	1	10/26/2004
Benzyl chloride	ND	0.15		ppbV	1	10/26/2004
Bromodichloromethane	ND	0.15		ppbV	1	10/26/2004
Bromoform	ND	0.15		ppbV	1	10/26/2004
Bromomethane	ND	0.15		ppbV	1	10/26/2004
Carbon disulfide	1.1	0.15		ppbV	1	10/26/2004
Carbon tetrachloride	ND	0.15		ppbV	1	10/26/2004
Chlorobenzene	ND	0.15		ppbV	1	10/26/2004
Chloroethane	ND	0.15		ppbV	1	10/26/2004
Chloroform	0.25	0.15		ppbV	1	10/26/2004
Chloromethane	ND	0.15		ppbV	1	10/26/2004
cis-1,2-Dichloroethene	3.4	0.75		ppbV	5	10/26/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Cyclohexane	0.41	0.15		ppbV	1	10/26/2004
Dibromochloromethane	ND	0.15		ppbV	1	10/26/2004
Ethyl acetate	ND	0.25		ppbV	1	10/26/2004
Ethylbenzene	0.21	0.15		ppbV	1	10/26/2004
Freon 11	0.30	0.15		ppbV	1	10/26/2004
Freon 113	ND	0.15		ppbV	1	10/26/2004
Freon 114	ND	0.15		ppbV	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #2
Lab Order:	C0410022	**Tag Number:**	101
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.54	0.15		ppbV	1	10/26/2004
Heptane	0.21	0.15		ppbV	1	10/26/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
Hexane	0.78	0.15		ppbV	1	10/26/2004
Isopropyl alcohol	ND	0.15		ppbV	1	10/26/2004
m-Xylene	0.52	0.15		ppbV	1	10/26/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Isobutyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	10/26/2004
Methylene chloride	ND	0.15		ppbV	1	10/26/2004
o-Xylene	0.29	0.15		ppbV	1	10/26/2004
p-Xylene	0.21	0.15		ppbV	1	10/26/2004
Propylene	ND	0.15		ppbV	1	10/26/2004
Styrene	ND	0.15		ppbV	1	10/26/2004
Tetrachloroethylene	0.36	0.15		ppbV	1	10/26/2004
Tetrahydrofuran	ND	0.15		ppbV	1	10/26/2004
Toluene	1.5	0.15		ppbV	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Trichloroethene	0.48	0.15		ppbV	1	10/26/2004
Vinyl acetate	ND	0.15		ppbV	1	10/26/2004
Vinyl Bromide	ND	0.15		ppbV	1	10/26/2004
Vinyl chloride	0.33	0.15		ppbV	1	10/26/2004
Surr: Bromofluorobenzene	96.0	70-130		%REC	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #3
Lab Order:	C0410022	**Tag Number:**	92
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trimethylbenzene	0.50	0.15		ppbV	1	10/26/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	10/26/2004
1,3,5-Trimethylbenzene	0.17	0.15		ppbV	1	10/26/2004
1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,4-Dichlorobenzene	0.90	0.15		ppbV	1	10/26/2004
1,4-Dioxane	ND	0.15		ppbV	1	10/26/2004
2,2,4-trimethylpentane	1.3	0.15		ppbV	1	10/26/2004
4-ethyltoluene	ND	0.15		ppbV	1	10/26/2004
Acetone	8.6	1.5		ppbV	5	10/26/2004
Allyl chloride	ND	0.15		ppbV	1	10/26/2004
Benzene	0.52	0.15		ppbV	1	10/26/2004
Benzyl chloride	ND	0.15		ppbV	1	10/26/2004
Bromodichloromethane	ND	0.15		ppbV	1	10/26/2004
Bromoform	ND	0.15		ppbV	1	10/26/2004
Bromomethane	ND	0.15		ppbV	1	10/26/2004
Carbon disulfide	1.2	0.15		ppbV	1	10/26/2004
Carbon tetrachloride	ND	0.15		ppbV	1	10/26/2004
Chlorobenzene	ND	0.15		ppbV	1	10/26/2004
Chloroethane	ND	0.15		ppbV	1	10/26/2004
Chloroform	0.15	0.15		ppbV	1	10/26/2004
Chloromethane	ND	0.15		ppbV	1	10/26/2004
cis-1,2-Dichloroethene	2.0	0.15		ppbV	1	10/26/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Cyclohexane	ND	0.15		ppbV	1	10/26/2004
Dibromochloromethane	ND	0.15		ppbV	1	10/26/2004
Ethyl acetate	ND	0.25		ppbV	1	10/26/2004
Ethylbenzene	0.25	0.15		ppbV	1	10/26/2004
Freon 11	0.31	0.15		ppbV	1	10/26/2004
Freon 113	ND	0.15		ppbV	1	10/26/2004
Freon 114	ND	0.15		ppbV	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #3
Lab Order:	C0410022	**Tag Number:**	92
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.61	0.15		ppbV	1	10/26/2004
Heptane	0.33	0.15		ppbV	1	10/26/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
Hexane	0.83	0.15		ppbV	1	10/26/2004
Isopropyl alcohol	ND	0.15		ppbV	1	10/26/2004
m-Xylene	0.59	0.15		ppbV	1	10/26/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Isobutyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	10/26/2004
Methylene chloride	ND	0.15		ppbV	1	10/26/2004
o-Xylene	0.32	0.15		ppbV	1	10/26/2004
p-Xylene	0.21	0.15		ppbV	1	10/26/2004
Propylene	ND	0.15		ppbV	1	10/26/2004
Styrene	ND	0.15		ppbV	1	10/26/2004
Tetrachloroethylene	0.21	0.15		ppbV	1	10/26/2004
Tetrahydrofuran	ND	0.15		ppbV	1	10/26/2004
Toluene	1.8	0.15		ppbV	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Trichloroethene	0.26	0.15		ppbV	1	10/26/2004
Vinyl acetate	ND	0.15		ppbV	1	10/26/2004
Vinyl Bromide	ND	0.15		ppbV	1	10/26/2004
Vinyl chloride	0.28	0.15		ppbV	1	10/26/2004
Surr: Bromofluorobenzene	97.0	70-130		%REC	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #4
Lab Order:	C0410022	**Tag Number:**	1
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trimethylbenzene	0.25	0.15		ppbV	1	10/26/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	10/26/2004
1,3,5-Trimethylbenzene	ND	0.15		ppbV	1	10/26/2004
1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,4-Dichlorobenzene	1.6	0.15		ppbV	1	10/26/2004
1,4-Dioxane	ND	0.15		ppbV	1	10/26/2004
2,2,4-trimethylpentane	ND	0.15		ppbV	1	10/26/2004
4-ethyltoluene	ND	0.15		ppbV	1	10/26/2004
Acetone	7.6	3.0		ppbV	10	10/26/2004
Allyl chloride	ND	0.15		ppbV	1	10/26/2004
Benzene	0.49	0.15		ppbV	1	10/26/2004
Benzyl chloride	ND	0.15		ppbV	1	10/26/2004
Bromodichloromethane	ND	0.15		ppbV	1	10/26/2004
Bromoform	ND	0.15		ppbV	1	10/26/2004
Bromomethane	ND	0.15		ppbV	1	10/26/2004
Carbon disulfide	1.0	0.15		ppbV	1	10/26/2004
Carbon tetrachloride	ND	0.15		ppbV	1	10/26/2004
Chlorobenzene	ND	0.15		ppbV	1	10/26/2004
Chloroethane	ND	0.15		ppbV	1	10/26/2004
Chloroform	0.76	0.15		ppbV	1	10/26/2004
Chloromethane	ND	0.15		ppbV	1	10/26/2004
cis-1,2-Dichloroethene	17	1.5		ppbV	10	10/26/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Cyclohexane	0.48	0.15		ppbV	1	10/26/2004
Dibromochloromethane	ND	0.15		ppbV	1	10/26/2004
Ethyl acetate	ND	0.25		ppbV	1	10/26/2004
Ethylbenzene	0.19	0.15		ppbV	1	10/26/2004
Freon 11	0.32	0.15		ppbV	1	10/26/2004
Freon 113	ND	0.15		ppbV	1	10/26/2004
Freon 114	ND	0.15		ppbV	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #4
Lab Order:	C0410022	**Tag Number:**	1
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.53	0.15		ppbV	1	10/26/2004
Heptane	0.16	0.15		ppbV	1	10/26/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
Hexane	0.88	0.15		ppbV	1	10/26/2004
Isopropyl alcohol	ND	0.15		ppbV	1	10/26/2004
m-Xylene	0.37	0.15		ppbV	1	10/26/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Isobutyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	10/26/2004
Methylene chloride	ND	0.15		ppbV	1	10/26/2004
o-Xylene	0.23	0.15		ppbV	1	10/26/2004
p-Xylene	0.15	0.15		ppbV	1	10/26/2004
Propylene	ND	0.15		ppbV	1	10/26/2004
Styrene	ND	0.15		ppbV	1	10/26/2004
Tetrachloroethylene	1.6	0.15		ppbV	1	10/26/2004
Tetrahydrofuran	ND	0.15		ppbV	1	10/26/2004
Toluene	1.4	0.15		ppbV	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Trichloroethene	3.7	1.5		ppbV	10	10/26/2004
Vinyl acetate	ND	0.15		ppbV	1	10/26/2004
Vinyl Bromide	ND	0.15		ppbV	1	10/26/2004
Vinyl chloride	0.44	0.15		ppbV	1	10/26/2004
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	basement
Lab Order:	C0410022	**Tag Number:**	140
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trimethylbenzene	0.52	0.15		ppbV	1	10/26/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	10/26/2004
1,3,5-Trimethylbenzene	ND	0.15		ppbV	1	10/26/2004
1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,4-Dichlorobenzene	1.1	0.15		ppbV	1	10/26/2004
1,4-Dioxane	ND	0.15		ppbV	1	10/26/2004
2,2,4-trimethylpentane	0.24	0.15		ppbV	1	10/26/2004
4-ethyltoluene	ND	0.15		ppbV	1	10/26/2004
Acetone	6.9	3.0		ppbV	10	10/26/2004
Allyl chloride	ND	0.15		ppbV	1	10/26/2004
Benzene	0.54	0.15		ppbV	1	10/26/2004
Benzyl chloride	ND	0.15		ppbV	1	10/26/2004
Bromodichloromethane	ND	0.15		ppbV	1	10/26/2004
Bromoform	ND	0.15		ppbV	1	10/26/2004
Bromomethane	ND	0.15		ppbV	1	10/26/2004
Carbon disulfide	1.1	0.15		ppbV	1	10/26/2004
Carbon tetrachloride	ND	0.15		ppbV	1	10/26/2004
Chlorobenzene	ND	0.15		ppbV	1	10/26/2004
Chloroethane	ND	0.15		ppbV	1	10/26/2004
Chloroform	0.52	0.15		ppbV	1	10/26/2004
Chloromethane	ND	0.15		ppbV	1	10/26/2004
cis-1,2-Dichloroethene	2.1	0.15		ppbV	1	10/26/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Cyclohexane	0.36	0.15		ppbV	1	10/26/2004
Dibromochloromethane	ND	0.15		ppbV	1	10/26/2004
Ethyl acetate	ND	0.25		ppbV	1	10/26/2004
Ethylbenzene	0.23	0.15		ppbV	1	10/26/2004
Freon 11	0.30	0.15		ppbV	1	10/26/2004
Freon 113	ND	0.15		ppbV	1	10/26/2004
Freon 114	ND	0.15		ppbV	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	basement
Lab Order:	C0410022	**Tag Number:**	140
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.52	0.15		ppbV	1	10/26/2004
Heptane	0.18	0.15		ppbV	1	10/26/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
Hexane	0.80	0.15		ppbV	1	10/26/2004
Isopropyl alcohol	ND	0.15		ppbV	1	10/26/2004
m-Xylene	0.63	0.15		ppbV	1	10/26/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Isobutyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	10/26/2004
Methylene chloride	ND	0.15		ppbV	1	10/26/2004
o-Xylene	0.35	0.15		ppbV	1	10/26/2004
p-Xylene	0.26	0.15		ppbV	1	10/26/2004
Propylene	ND	0.15		ppbV	1	10/26/2004
Styrene	ND	0.15		ppbV	1	10/26/2004
Tetrachloroethylene	12	1.5		ppbV	10	10/26/2004
Tetrahydrofuran	ND	0.15		ppbV	1	10/26/2004
Toluene	1.8	0.15		ppbV	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Trichloroethene	0.53	0.15		ppbV	1	10/26/2004
Vinyl acetate	ND	0.15		ppbV	1	10/26/2004
Vinyl Bromide	ND	0.15		ppbV	1	10/26/2004
Vinyl chloride	0.30	0.15		ppbV	1	10/26/2004
Surr: Bromofluorobenzene	96.0	70-130		%REC	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	SVE Manifold
Lab Order:	C0410022	**Tag Number:**	141
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	10/26/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2,4-Trimethylbenzene	0.54	0.15		ppbV	1	10/26/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	10/26/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	10/26/2004
1,3,5-Trimethylbenzene	ND	0.15		ppbV	1	10/26/2004
1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,4-Dichlorobenzene	ND	0.15		ppbV	1	10/26/2004
1,4-Dioxane	ND	0.15		ppbV	1	10/26/2004
2,2,4-trimethylpentane	ND	0.15		ppbV	1	10/26/2004
4-ethyltoluene	ND	0.15		ppbV	1	10/26/2004
Acetone	ND	0.30		ppbV	1	10/26/2004
Allyl chloride	ND	0.15		ppbV	1	10/26/2004
Benzene	0.55	0.15		ppbV	1	10/26/2004
Benzyl chloride	ND	0.15		ppbV	1	10/26/2004
Bromodichloromethane	ND	0.15		ppbV	1	10/26/2004
Bromoform	ND	0.15		ppbV	1	10/26/2004
Bromomethane	ND	0.15		ppbV	1	10/26/2004
Carbon disulfide	1.2	0.15		ppbV	1	10/26/2004
Carbon tetrachloride	ND	0.15		ppbV	1	10/26/2004
Chlorobenzene	ND	0.15		ppbV	1	10/26/2004
Chloroethane	ND	0.15		ppbV	1	10/26/2004
Chloroform	ND	0.15		ppbV	1	10/26/2004
Chloromethane	ND	0.15		ppbV	1	10/26/2004
cis-1,2-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Cyclohexane	0.85	0.15		ppbV	1	10/26/2004
Dibromochloromethane	ND	0.15		ppbV	1	10/26/2004
Ethyl acetate	ND	0.25		ppbV	1	10/26/2004
Ethylbenzene	0.20	0.15		ppbV	1	10/26/2004
Freon 11	ND	0.15		ppbV	1	10/26/2004
Freon 113	ND	0.15		ppbV	1	10/26/2004
Freon 114	ND	0.15		ppbV	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	SVE Manifold
Lab Order:	C0410022	**Tag Number:**	141
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.49	0.15		ppbV	1	10/26/2004
Heptane	ND	0.15		ppbV	1	10/26/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	10/26/2004
Hexane	ND	0.15		ppbV	1	10/26/2004
Isopropyl alcohol	ND	0.15		ppbV	1	10/26/2004
m-Xylene	0.60	0.15		ppbV	1	10/26/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl Isobutyl Ketone	ND	0.30		ppbV	1	10/26/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	10/26/2004
Methylene chloride	ND	0.15		ppbV	1	10/26/2004
o-Xylene	0.32	0.15		ppbV	1	10/26/2004
p-Xylene	0.24	0.15		ppbV	1	10/26/2004
Propylene	ND	0.15		ppbV	1	10/26/2004
Styrene	ND	0.15		ppbV	1	10/26/2004
Tetrachloroethylene	0.18	0.15		ppbV	1	10/26/2004
Tetrahydrofuran	ND	0.15		ppbV	1	10/26/2004
Toluene	2.3	0.15		ppbV	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	10/26/2004
Trichloroethene	ND	0.15		ppbV	1	10/26/2004
Vinyl acetate	ND	0.15		ppbV	1	10/26/2004
Vinyl Bromide	ND	0.15		ppbV	1	10/26/2004
Vinyl chloride	ND	0.15		ppbV	1	10/26/2004
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring # 1
Lab Order:	C0410022	**Tag Number:**	85
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.83	0.83		ug/m3	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	10/26/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	10/26/2004
1,2,4-Trimethylbenzene	1.2	0.75		ug/m3	1	10/26/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	10/26/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,2-Dichloroethane	0.62	0.62		ug/m3	1	10/26/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	10/26/2004
1,3,5-Trimethylbenzene	0.70	0.75		ug/m3	1	10/26/2004
1,3-butadiene	ND	0.34		ug/m3	1	10/26/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,4-Dichlorobenzene	1.9	0.92		ug/m3	1	10/26/2004
1,4-Dioxane	ND	0.55		ug/m3	1	10/26/2004
2,2,4-trimethylpentane	ND	0.71		ug/m3	1	10/26/2004
4-ethyltoluene	ND	0.75		ug/m3	1	10/26/2004
Acetone	14	14		ug/m3	20	10/26/2004
Allyl chloride	ND	0.48		ug/m3	1	10/26/2004
Benzene	0.88	0.49		ug/m3	1	10/26/2004
Benzyl chloride	ND	0.88		ug/m3	1	10/26/2004
Bromodichloromethane	ND	1.0		ug/m3	1	10/26/2004
Bromoform	ND	1.6		ug/m3	1	10/26/2004
Bromomethane	ND	0.59		ug/m3	1	10/26/2004
Carbon disulfide	3.4	0.47		ug/m3	1	10/26/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	10/26/2004
Chlorobenzene	ND	0.70		ug/m3	1	10/26/2004
Chloroethane	ND	0.40		ug/m3	1	10/26/2004
Chloroform	3.8	0.74		ug/m3	1	10/26/2004
Chloromethane	ND	0.31		ug/m3	1	10/26/2004
cis-1,2-Dichloroethene	99	12		ug/m3	20	10/26/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Cyclohexane	ND	0.52		ug/m3	1	10/26/2004
Dibromochloromethane	ND	1.3		ug/m3	1	10/26/2004
Ethyl acetate	ND	0.92		ug/m3	1	10/26/2004
Ethylbenzene	ND	0.66		ug/m3	1	10/26/2004
Freon 11	1.5	0.86		ug/m3	1	10/26/2004
Freon 113	ND	1.2		ug/m3	1	10/26/2004
Freon 114	ND	1.1		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring # 1
Lab Order:	C0410022	**Tag Number:**	85
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	2.4	0.75		ug/m3	1	10/26/2004
Heptane	ND	0.62		ug/m3	1	10/26/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	10/26/2004
Hexane	1.5	0.54		ug/m3	1	10/26/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	10/26/2004
m-Xylene	0.97	0.66		ug/m3	1	10/26/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	10/26/2004
Methyl Isobutyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	10/26/2004
Methylene chloride	ND	0.53		ug/m3	1	10/26/2004
o-Xylene	ND	0.66		ug/m3	1	10/26/2004
p-Xylene	ND	0.66		ug/m3	1	10/26/2004
Propylene	ND	0.26		ug/m3	1	10/26/2004
Styrene	ND	0.65		ug/m3	1	10/26/2004
Tetrachloroethylene	7.9	1.0		ug/m3	1	10/26/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	10/26/2004
Toluene	2.6	0.57		ug/m3	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Trichloroethene	8.1	0.82		ug/m3	1	10/26/2004
Vinyl acetate	ND	0.54		ug/m3	1	10/26/2004
Vinyl Bromide	ND	0.67		ug/m3	1	10/26/2004
Vinyl chloride	0.52	0.39		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #2
Lab Order:	C0410022	**Tag Number:**	101
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	10/26/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	10/26/2004
1,2,4-Trimethylbenzene	2.6	0.75		ug/m3	1	10/26/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	10/26/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	10/26/2004
1,3,5-Trimethylbenzene	ND	0.75		ug/m3	1	10/26/2004
1,3-butadiene	ND	0.34		ug/m3	1	10/26/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,4-Dichlorobenzene	9.4	0.92		ug/m3	1	10/26/2004
1,4-Dioxane	ND	0.55		ug/m3	1	10/26/2004
2,2,4-trimethylpentane	0.90	0.71		ug/m3	1	10/26/2004
4-ethyltoluene	ND	0.75		ug/m3	1	10/26/2004
Acetone	13	3.6		ug/m3	5	10/26/2004
Allyl chloride	ND	0.48		ug/m3	1	10/26/2004
Benzene	1.6	0.49		ug/m3	1	10/26/2004
Benzyl chloride	ND	0.88		ug/m3	1	10/26/2004
Bromodichloromethane	ND	1.0		ug/m3	1	10/26/2004
Bromoform	ND	1.6		ug/m3	1	10/26/2004
Bromomethane	ND	0.59		ug/m3	1	10/26/2004
Carbon disulfide	3.5	0.47		ug/m3	1	10/26/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	10/26/2004
Chlorobenzene	ND	0.70		ug/m3	1	10/26/2004
Chloroethane	ND	0.40		ug/m3	1	10/26/2004
Chloroform	1.2	0.74		ug/m3	1	10/26/2004
Chloromethane	ND	0.31		ug/m3	1	10/26/2004
cis-1,2-Dichloroethene	14	3.0		ug/m3	5	10/26/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Cyclohexane	1.4	0.52		ug/m3	1	10/26/2004
Dibromochloromethane	ND	1.3		ug/m3	1	10/26/2004
Ethyl acetate	ND	0.92		ug/m3	1	10/26/2004
Ethylbenzene	0.93	0.66		ug/m3	1	10/26/2004
Freon 11	1.7	0.86		ug/m3	1	10/26/2004
Freon 113	ND	1.2		ug/m3	1	10/26/2004
Freon 114	ND	1.1		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #2
Lab Order:	C0410022	**Tag Number:**	101
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	2.7	0.75		ug/m3	1	10/26/2004
Heptane	0.87	0.62		ug/m3	1	10/26/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	10/26/2004
Hexane	2.8	0.54		ug/m3	1	10/26/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	10/26/2004
m-Xylene	2.3	0.66		ug/m3	1	10/26/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	10/26/2004
Methyl Isobutyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	10/26/2004
Methylene chloride	ND	0.53		ug/m3	1	10/26/2004
o-Xylene	1.3	0.66		ug/m3	1	10/26/2004
p-Xylene	0.93	0.66		ug/m3	1	10/26/2004
Propylene	ND	0.26		ug/m3	1	10/26/2004
Styrene	ND	0.65		ug/m3	1	10/26/2004
Tetrachloroethylene	2.5	1.0		ug/m3	1	10/26/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	10/26/2004
Toluene	5.8	0.57		ug/m3	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Trichloroethene	2.6	0.82		ug/m3	1	10/26/2004
Vinyl acetate	ND	0.54		ug/m3	1	10/26/2004
Vinyl Bromide	ND	0.67		ug/m3	1	10/26/2004
Vinyl chloride	0.86	0.39		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #3
Lab Order:	C0410022	**Tag Number:**	92
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	10/26/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	10/26/2004
1,2,4-Trimethylbenzene	2.5	0.75		ug/m3	1	10/26/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	10/26/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	10/26/2004
1,3,5-Trimethylbenzene	0.85	0.75		ug/m3	1	10/26/2004
1,3-butadiene	ND	0.34		ug/m3	1	10/26/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,4-Dichlorobenzene	5.5	0.92		ug/m3	1	10/26/2004
1,4-Dioxane	ND	0.55		ug/m3	1	10/26/2004
2,2,4-trimethylpentane	6.4	0.71		ug/m3	1	10/26/2004
4-ethyltoluene	ND	0.75		ug/m3	1	10/26/2004
Acetone	21	3.6		ug/m3	5	10/26/2004
Allyl chloride	ND	0.48		ug/m3	1	10/26/2004
Benzene	1.7	0.49		ug/m3	1	10/26/2004
Benzyl chloride	ND	0.88		ug/m3	1	10/26/2004
Bromodichloromethane	ND	1.0		ug/m3	1	10/26/2004
Bromoform	ND	1.6		ug/m3	1	10/26/2004
Bromomethane	ND	0.59		ug/m3	1	10/26/2004
Carbon disulfide	3.6	0.47		ug/m3	1	10/26/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	10/26/2004
Chlorobenzene	ND	0.70		ug/m3	1	10/26/2004
Chloroethane	ND	0.40		ug/m3	1	10/26/2004
Chloroform	0.74	0.74		ug/m3	1	10/26/2004
Chloromethane	ND	0.31		ug/m3	1	10/26/2004
cis-1,2-Dichloroethene	8.3	0.60		ug/m3	1	10/26/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Cyclohexane	ND	0.52		ug/m3	1	10/26/2004
Dibromochloromethane	ND	1.3		ug/m3	1	10/26/2004
Ethyl acetate	ND	0.92		ug/m3	1	10/26/2004
Ethylbenzene	1.1	0.66		ug/m3	1	10/26/2004
Freon 11	1.8	0.86		ug/m3	1	10/26/2004
Freon 113	ND	1.2		ug/m3	1	10/26/2004
Freon 114	ND	1.1		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #3
Lab Order:	C0410022	**Tag Number:**	92
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	3.1	0.75		ug/m3	1	10/26/2004
Heptane	1.4	0.62		ug/m3	1	10/26/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	10/26/2004
Hexane	3.0	0.54		ug/m3	1	10/26/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	10/26/2004
m-Xylene	2.6	0.66		ug/m3	1	10/26/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	10/26/2004
Methyl Isobutyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	10/26/2004
Methylene chloride	ND	0.53		ug/m3	1	10/26/2004
o-Xylene	1.4	0.66		ug/m3	1	10/26/2004
p-Xylene	0.93	0.66		ug/m3	1	10/26/2004
Propylene	ND	0.26		ug/m3	1	10/26/2004
Styrene	ND	0.65		ug/m3	1	10/26/2004
Tetrachloroethylene	1.4	1.0		ug/m3	1	10/26/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	10/26/2004
Toluene	6.9	0.57		ug/m3	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Trichloroethene	1.4	0.82		ug/m3	1	10/26/2004
Vinyl acetate	ND	0.54		ug/m3	1	10/26/2004
Vinyl Bromide	ND	0.67		ug/m3	1	10/26/2004
Vinyl chloride	0.73	0.39		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #4
Lab Order:	C0410022	**Tag Number:**	1
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	10/26/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	10/26/2004
1,2,4-Trimethylbenzene	1.2	0.75		ug/m3	1	10/26/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	10/26/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	10/26/2004
1,3,5-Trimethylbenzene	ND	0.75		ug/m3	1	10/26/2004
1,3-butadiene	ND	0.34		ug/m3	1	10/26/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,4-Dichlorobenzene	9.7	0.92		ug/m3	1	10/26/2004
1,4-Dioxane	ND	0.55		ug/m3	1	10/26/2004
2,2,4-trimethylpentane	0.66	0.71		ug/m3	1	10/26/2004
4-ethyltoluene	ND	0.75		ug/m3	1	10/26/2004
Acetone	18	7.2		ug/m3	10	10/26/2004
Allyl chloride	ND	0.48		ug/m3	1	10/26/2004
Benzene	1.6	0.49		ug/m3	1	10/26/2004
Benzyl chloride	ND	0.88		ug/m3	1	10/26/2004
Bromodichloromethane	ND	1.0		ug/m3	1	10/26/2004
Bromoform	ND	1.6		ug/m3	1	10/26/2004
Bromomethane	ND	0.59		ug/m3	1	10/26/2004
Carbon disulfide	3.3	0.47		ug/m3	1	10/26/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	10/26/2004
Chlorobenzene	ND	0.70		ug/m3	1	10/26/2004
Chloroethane	ND	0.40		ug/m3	1	10/26/2004
Chloroform	3.8	0.74		ug/m3	1	10/26/2004
Chloromethane	ND	0.31		ug/m3	1	10/26/2004
cis-1,2-Dichloroethene	69	6.0		ug/m3	10	10/26/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Cyclohexane	1.7	0.52		ug/m3	1	10/26/2004
Dibromochloromethane	ND	1.3		ug/m3	1	10/26/2004
Ethyl acetate	ND	0.92		ug/m3	1	10/26/2004
Ethylbenzene	0.84	0.66		ug/m3	1	10/26/2004
Freon 11	1.8	0.86		ug/m3	1	10/26/2004
Freon 113	ND	1.2		ug/m3	1	10/26/2004
Freon 114	ND	1.1		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Cellar Boring #4
Lab Order:	C0410022	**Tag Number:**	1
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	2.7	0.75		ug/m3	1	10/26/2004
Heptane	0.67	0.62		ug/m3	1	10/26/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	10/26/2004
Hexane	3.2	0.54		ug/m3	1	10/26/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	10/26/2004
m-Xylene	1.6	0.66		ug/m3	1	10/26/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	10/26/2004
Methyl Isobutyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	10/26/2004
Methylene chloride	ND	0.53		ug/m3	1	10/26/2004
o-Xylene	1.0	0.66		ug/m3	1	10/26/2004
p-Xylene	0.66	0.66		ug/m3	1	10/26/2004
Propylene	ND	0.26		ug/m3	1	10/26/2004
Styrene	ND	0.65		ug/m3	1	10/26/2004
Tetrachloroethylene	11	1.0		ug/m3	1	10/26/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	10/26/2004
Toluene	5.5	0.57		ug/m3	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Trichloroethene	20	8.2		ug/m3	10	10/26/2004
Vinyl acetate	ND	0.54		ug/m3	1	10/26/2004
Vinyl Bromide	ND	0.67		ug/m3	1	10/26/2004
Vinyl chloride	1.1	0.39		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	basement
Lab Order:	C0410022	**Tag Number:**	140
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	10/26/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	10/26/2004
1,2,4-Trimethylbenzene	2.6	0.75		ug/m3	1	10/26/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	10/26/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	10/26/2004
1,3,5-Trimethylbenzene	ND	0.75		ug/m3	1	10/26/2004
1,3-butadiene	ND	0.34		ug/m3	1	10/26/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,4-Dichlorobenzene	6.6	0.92		ug/m3	1	10/26/2004
1,4-Dioxane	ND	0.55		ug/m3	1	10/26/2004
2,2,4-trimethylpentane	1.1	0.71		ug/m3	1	10/26/2004
4-ethyltoluene	ND	0.75		ug/m3	1	10/26/2004
Acetone	17	7.2		ug/m3	10	10/26/2004
Allyl chloride	ND	0.48		ug/m3	1	10/26/2004
Benzene	1.8	0.49		ug/m3	1	10/26/2004
Benzyl chloride	ND	0.88		ug/m3	1	10/26/2004
Bromodichloromethane	ND	1.0		ug/m3	1	10/26/2004
Bromoform	ND	1.6		ug/m3	1	10/26/2004
Bromomethane	ND	0.59		ug/m3	1	10/26/2004
Carbon disulfide	3.5	0.47		ug/m3	1	10/26/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	10/26/2004
Chlorobenzene	ND	0.70		ug/m3	1	10/26/2004
Chloroethane	ND	0.40		ug/m3	1	10/26/2004
Chloroform	2.6	0.74		ug/m3	1	10/26/2004
Chloromethane	ND	0.31		ug/m3	1	10/26/2004
cis-1,2-Dichloroethene	8.6	0.60		ug/m3	1	10/26/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Cyclohexane	1.3	0.52		ug/m3	1	10/26/2004
Dibromochloromethane	ND	1.3		ug/m3	1	10/26/2004
Ethyl acetate	ND	0.92		ug/m3	1	10/26/2004
Ethylbenzene	1.0	0.66		ug/m3	1	10/26/2004
Freon 11	1.7	0.86		ug/m3	1	10/26/2004
Freon 113	ND	1.2		ug/m3	1	10/26/2004
Freon 114	ND	1.1		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	basement
Lab Order:	C0410022	**Tag Number:**	140
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	2.6	0.75		ug/m3	1	10/26/2004
Heptane	0.75	0.62		ug/m3	1	10/26/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	10/26/2004
Hexane	2.9	0.54		ug/m3	1	10/26/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	10/26/2004
m-Xylene	2.8	0.66		ug/m3	1	10/26/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	10/26/2004
Methyl Isobutyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	10/26/2004
Methylene chloride	ND	0.53		ug/m3	1	10/26/2004
o-Xylene	1.5	0.66		ug/m3	1	10/26/2004
p-Xylene	1.1	0.66		ug/m3	1	10/26/2004
Propylene	ND	0.26		ug/m3	1	10/26/2004
Styrene	ND	0.65		ug/m3	1	10/26/2004
Tetrachloroethylene	85	10		ug/m3	10	10/26/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	10/26/2004
Toluene	7.1	0.57		ug/m3	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Trichloroethene	2.9	0.82		ug/m3	1	10/26/2004
Vinyl acetate	ND	0.54		ug/m3	1	10/26/2004
Vinyl Bromide	ND	0.67		ug/m3	1	10/26/2004
Vinyl chloride	0.78	0.39		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	SVE Manifold
Lab Order:	C0410022	**Tag Number:**	141
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	10/26/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	10/26/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	10/26/2004
1,2,4-Trimethylbenzene	2.7	0.75		ug/m3	1	10/26/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	10/26/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	10/26/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	10/26/2004
1,3,5-Trimethylbenzene	ND	0.75		ug/m3	1	10/26/2004
1,3-butadiene	ND	0.34		ug/m3	1	10/26/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,4-Dichlorobenzene	ND	0.92		ug/m3	1	10/26/2004
1,4-Dioxane	ND	0.55		ug/m3	1	10/26/2004
2,2,4-trimethylpentane	ND	0.71		ug/m3	1	10/26/2004
4-ethyltoluene	ND	0.75		ug/m3	1	10/26/2004
Acetone	ND	0.72		ug/m3	1	10/26/2004
Allyl chloride	ND	0.48		ug/m3	1	10/26/2004
Benzene	1.8	0.49		ug/m3	1	10/26/2004
Benzyl chloride	ND	0.88		ug/m3	1	10/26/2004
Bromodichloromethane	ND	1.0		ug/m3	1	10/26/2004
Bromoform	ND	1.6		ug/m3	1	10/26/2004
Bromomethane	ND	0.59		ug/m3	1	10/26/2004
Carbon disulfide	3.9	0.47		ug/m3	1	10/26/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	10/26/2004
Chlorobenzene	ND	0.70		ug/m3	1	10/26/2004
Chloroethane	ND	0.40		ug/m3	1	10/26/2004
Chloroform	ND	0.74		ug/m3	1	10/26/2004
Chloromethane	ND	0.31		ug/m3	1	10/26/2004
cis-1,2-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Cyclohexane	3.0	0.52		ug/m3	1	10/26/2004
Dibromochloromethane	ND	1.3		ug/m3	1	10/26/2004
Ethyl acetate	ND	0.92		ug/m3	1	10/26/2004
Ethylbenzene	0.88	0.66		ug/m3	1	10/26/2004
Freon 11	ND	0.86		ug/m3	1	10/26/2004
Freon 113	ND	1.2		ug/m3	1	10/26/2004
Freon 114	ND	1.1		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *28-Oct-04*

CLIENT:	Fagan Engineers	**Client Sample ID:**	SVE Manifold
Lab Order:	C0410022	**Tag Number:**	141
Project:	04-023	**Collection Date:**	10/20/2004
Lab ID:	C0410022-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	2.5	0.75		ug/m3	1	10/26/2004
Heptane	ND	0.62		ug/m3	1	10/26/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	10/26/2004
Hexane	ND	0.54		ug/m3	1	10/26/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	10/26/2004
m-Xylene	2.6	0.66		ug/m3	1	10/26/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	10/26/2004
Methyl Isobutyl Ketone	ND	1.2		ug/m3	1	10/26/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	10/26/2004
Methylene chloride	ND	0.53		ug/m3	1	10/26/2004
o-Xylene	1.4	0.66		ug/m3	1	10/26/2004
p-Xylene	1.1	0.66		ug/m3	1	10/26/2004
Propylene	ND	0.26		ug/m3	1	10/26/2004
Styrene	ND	0.65		ug/m3	1	10/26/2004
Tetrachloroethylene	1.2	1.0		ug/m3	1	10/26/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	10/26/2004
Toluene	8.8	0.57		ug/m3	1	10/26/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	10/26/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	10/26/2004
Trichloroethene	ND	0.82		ug/m3	1	10/26/2004
Vinyl acetate	ND	0.54		ug/m3	1	10/26/2004
Vinyl Bromide	ND	0.67		ug/m3	1	10/26/2004
Vinyl chloride	ND	0.39		ug/m3	1	10/26/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
JN	Non-routine analyte. Quantitation estimated.		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH-3
Lab Order:	C0412013	**Tag Number:**	99
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trimethylbenzene	0.97	0.15		ppbV	1	12/16/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	12/16/2004
1,3,5-Trimethylbenzene	0.41	0.15		ppbV	1	12/16/2004
1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dioxane	ND	0.30		ppbV	1	12/16/2004
2,2,4-trimethylpentane	0.25	0.15		ppbV	1	12/16/2004
4-ethyltoluene	0.33	0.15		ppbV	1	12/16/2004
Acetone	ND	0.30		ppbV	1	12/16/2004
Allyl chloride	ND	0.15		ppbV	1	12/16/2004
Benzene	0.16	0.15		ppbV	1	12/16/2004
Benzyl chloride	ND	0.15		ppbV	1	12/16/2004
Bromodichloromethane	0.29	0.15		ppbV	1	12/16/2004
Bromoform	ND	0.15		ppbV	1	12/16/2004
Bromomethane	ND	0.15		ppbV	1	12/16/2004
Carbon disulfide	ND	0.15		ppbV	1	12/16/2004
Carbon tetrachloride	ND	0.15		ppbV	1	12/16/2004
Chlorobenzene	ND	0.15		ppbV	1	12/16/2004
Chloroethane	ND	0.15		ppbV	1	12/16/2004
Chloroform	0.99	0.15		ppbV	1	12/16/2004
Chloromethane	ND	0.15		ppbV	1	12/16/2004
cis-1,2-Dichloroethene	100	9.0		ppbV	60	12/17/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Cyclohexane	ND	0.15		ppbV	1	12/16/2004
Dibromochloromethane	ND	0.15		ppbV	1	12/16/2004
Ethyl acetate	ND	0.25		ppbV	1	12/16/2004
Ethylbenzene	1.0	0.15		ppbV	1	12/16/2004
Freon 11	0.19	0.15		ppbV	1	12/16/2004
Freon 113	ND	0.15		ppbV	1	12/16/2004
Freon 114	ND	0.15		ppbV	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH-3
Lab Order:	C0412013	**Tag Number:**	99
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.38	0.15		ppbV	1	12/16/2004
Heptane	0.82	0.15		ppbV	1	12/16/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
Hexane	0.84	0.15		ppbV	1	12/16/2004
Isopropyl alcohol	0.23	0.15		ppbV	1	12/16/2004
m-Xylene	2.2	0.15		ppbV	1	12/16/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Isobutyl Ketone	0.82	0.30		ppbV	1	12/16/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	12/16/2004
Methylene chloride	16	1.5		ppbV	10	12/16/2004
o-Xylene	0.70	0.15		ppbV	1	12/16/2004
p-Xylene	0.84	0.15		ppbV	1	12/16/2004
Propylene	ND	0.15		ppbV	1	12/16/2004
Styrene	1.7	0.15		ppbV	1	12/16/2004
Tetrachloroethylene	0.90	0.15		ppbV	1	12/16/2004
Tetrahydrofuran	ND	0.15		ppbV	1	12/16/2004
Toluene	10	1.5		ppbV	10	12/16/2004
trans-1,2-Dichloroethene	0.65	0.15		ppbV	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Trichloroethene	5.1	1.5		ppbV	10	12/16/2004
Vinyl acetate	ND	0.15		ppbV	1	12/16/2004
Vinyl Bromide	ND	0.15		ppbV	1	12/16/2004
Vinyl chloride	0.72	0.15		ppbV	1	12/16/2004
Surr: Bromofluorobenzene	114	70-130		%REC	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH2
Lab Order:	C0412013	**Tag Number:**	95
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trimethylbenzene	0.30	0.15		ppbV	1	12/16/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	12/16/2004
1,3,5-Trimethylbenzene	ND	0.15		ppbV	1	12/16/2004
1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dioxane	ND	0.30		ppbV	1	12/16/2004
2,2,4-trimethylpentane	ND	0.15		ppbV	1	12/16/2004
4-ethyltoluene	ND	0.15		ppbV	1	12/16/2004
Acetone	ND	0.30		ppbV	1	12/16/2004
Allyl chloride	ND	0.15		ppbV	1	12/16/2004
Benzene	0.19	0.15		ppbV	1	12/16/2004
Benzyl chloride	ND	0.15		ppbV	1	12/16/2004
Bromodichloromethane	ND	0.15		ppbV	1	12/16/2004
Bromoform	ND	0.15		ppbV	1	12/16/2004
Bromomethane	ND	0.15		ppbV	1	12/16/2004
Carbon disulfide	ND	0.15		ppbV	1	12/16/2004
Carbon tetrachloride	ND	0.15		ppbV	1	12/16/2004
Chlorobenzene	ND	0.15		ppbV	1	12/16/2004
Chloroethane	ND	0.15		ppbV	1	12/16/2004
Chloroform	ND	0.15		ppbV	1	12/16/2004
Chloromethane	ND	0.15		ppbV	1	12/16/2004
cis-1,2-Dichloroethene	0.27	0.15		ppbV	1	12/16/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Cyclohexane	ND	0.15		ppbV	1	12/16/2004
Dibromochloromethane	ND	0.15		ppbV	1	12/16/2004
Ethyl acetate	ND	0.25		ppbV	1	12/16/2004
Ethylbenzene	ND	0.15		ppbV	1	12/16/2004
Freon 11	0.40	0.15		ppbV	1	12/16/2004
Freon 113	ND	0.15		ppbV	1	12/16/2004
Freon 114	ND	0.15		ppbV	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH2
Lab Order:	C0412013	**Tag Number:**	95
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.45	0.15		ppbV	1	12/16/2004
Heptane	ND	0.15		ppbV	1	12/16/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
Hexane	0.45	0.15		ppbV	1	12/16/2004
Isopropyl alcohol	ND	0.15		ppbV	1	12/16/2004
m-Xylene	0.24	0.15		ppbV	1	12/16/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Isobutyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	12/16/2004
Methylene chloride	ND	0.15		ppbV	1	12/16/2004
o-Xylene	0.1	0.15	J	ppbV	1	12/16/2004
p-Xylene	ND	0.15		ppbV	1	12/16/2004
Propylene	ND	0.15		ppbV	1	12/16/2004
Styrene	ND	0.15		ppbV	1	12/16/2004
Tetrachloroethylene	0.53	0.15		ppbV	1	12/16/2004
Tetrahydrofuran	ND	0.15		ppbV	1	12/16/2004
Toluene	1.1	0.15		ppbV	1	12/16/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Trichloroethene	ND	0.15		ppbV	1	12/16/2004
Vinyl acetate	ND	0.15		ppbV	1	12/16/2004
Vinyl Bromide	ND	0.15		ppbV	1	12/16/2004
Vinyl chloride	ND	0.15		ppbV	1	12/16/2004
Surr: Bromofluorobenzene	113	70-130		%REC	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Living Room
Lab Order:	C0412013	**Tag Number:**	135
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trimethylbenzene	2.0	0.15		ppbV	1	12/16/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	12/16/2004
1,3,5-Trimethylbenzene	0.66	0.15		ppbV	1	12/16/2004
1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dioxane	ND	0.30		ppbV	1	12/16/2004
2,2,4-trimethylpentane	0.1	0.15	J	ppbV	1	12/16/2004
4-ethyltoluene	0.64	0.15		ppbV	1	12/16/2004
Acetone	3.7	3.0		ppbV	10	12/16/2004
Allyl chloride	ND	0.15		ppbV	1	12/16/2004
Benzene	0.36	0.15		ppbV	1	12/16/2004
Benzyl chloride	ND	0.15		ppbV	1	12/16/2004
Bromodichloromethane	ND	0.15		ppbV	1	12/16/2004
Bromoform	ND	0.15		ppbV	1	12/16/2004
Bromomethane	ND	0.15		ppbV	1	12/16/2004
Carbon disulfide	0.35	0.15		ppbV	1	12/16/2004
Carbon tetrachloride	ND	0.15		ppbV	1	12/16/2004
Chlorobenzene	ND	0.15		ppbV	1	12/16/2004
Chloroethane	ND	0.15		ppbV	1	12/16/2004
Chloroform	ND	0.15		ppbV	1	12/16/2004
Chloromethane	ND	0.15		ppbV	1	12/16/2004
cis-1,2-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Cyclohexane	0.26	0.15		ppbV	1	12/16/2004
Dibromochloromethane	ND	0.15		ppbV	1	12/16/2004
Ethyl acetate	ND	0.25		ppbV	1	12/16/2004
Ethylbenzene	1.4	0.15		ppbV	1	12/16/2004
Freon 11	0.23	0.15		ppbV	1	12/16/2004
Freon 113	ND	0.15		ppbV	1	12/16/2004
Freon 114	ND	0.15		ppbV	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Living Room
Lab Order:	C0412013	**Tag Number:**	135
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.42	0.15		ppbV	1	12/16/2004
Heptane	0.46	0.15		ppbV	1	12/16/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
Hexane	0.65	0.15		ppbV	1	12/16/2004
Isopropyl alcohol	ND	0.15		ppbV	1	12/16/2004
m-Xylene	4.6	1.5		ppbV	10	12/16/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Isobutyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	12/16/2004
Methylene chloride	2.8	1.5		ppbV	10	12/16/2004
o-Xylene	1.6	0.15		ppbV	1	12/16/2004
p-Xylene	1.7	0.15		ppbV	1	12/16/2004
Propylene	ND	0.15		ppbV	1	12/16/2004
Styrene	1.0	0.15		ppbV	1	12/16/2004
Tetrachloroethylene	ND	0.15		ppbV	1	12/16/2004
Tetrahydrofuran	ND	0.15		ppbV	1	12/16/2004
Toluene	12	1.5		ppbV	10	12/16/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Trichloroethene	ND	0.15		ppbV	1	12/16/2004
Vinyl acetate	ND	0.15		ppbV	1	12/16/2004
Vinyl Bromide	ND	0.15		ppbV	1	12/16/2004
Vinyl chloride	ND	0.15		ppbV	1	12/16/2004
Surr: Bromofluorobenzene	117	70-130		%REC	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Basement
Lab Order:	C0412013	**Tag Number:**	139
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trimethylbenzene	1.8	0.15		ppbV	1	12/16/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	12/16/2004
1,3,5-Trimethylbenzene	1.8	0.15		ppbV	1	12/16/2004
1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dichlorobenzene	0.69	0.15		ppbV	1	12/16/2004
1,4-Dioxane	ND	0.30		ppbV	1	12/16/2004
2,2,4-trimethylpentane	ND	0.15		ppbV	1	12/16/2004
4-ethyltoluene	0.54	0.15		ppbV	1	12/16/2004
Acetone	ND	0.30		ppbV	1	12/16/2004
Allyl chloride	ND	0.15		ppbV	1	12/16/2004
Benzene	0.20	0.15		ppbV	1	12/16/2004
Benzyl chloride	ND	0.15		ppbV	1	12/16/2004
Bromodichloromethane	ND	0.15		ppbV	1	12/16/2004
Bromoform	ND	0.15		ppbV	1	12/16/2004
Bromomethane	ND	0.15		ppbV	1	12/16/2004
Carbon disulfide	ND	0.15		ppbV	1	12/16/2004
Carbon tetrachloride	ND	0.15		ppbV	1	12/16/2004
Chlorobenzene	ND	0.15		ppbV	1	12/16/2004
Chloroethane	ND	0.15		ppbV	1	12/16/2004
Chloroform	ND	0.15		ppbV	1	12/16/2004
Chloromethane	ND	0.15		ppbV	1	12/16/2004
cis-1,2-Dichloroethene	2.7	0.30		ppbV	2	12/16/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Cyclohexane	0.24	0.15		ppbV	1	12/16/2004
Dibromochloromethane	ND	0.15		ppbV	1	12/16/2004
Ethyl acetate	ND	0.25		ppbV	1	12/16/2004
Ethylbenzene	0.1	0.15	J	ppbV	1	12/16/2004
Freon 11	0.28	0.15		ppbV	1	12/16/2004
Freon 113	ND	0.15		ppbV	1	12/16/2004
Freon 114	ND	0.15		ppbV	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Basement
Lab Order:	C0412013	**Tag Number:**	139
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.45	0.15		ppbV	1	12/16/2004
Heptane	ND	0.15		ppbV	1	12/16/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
Hexane	0.80	0.15		ppbV	1	12/16/2004
Isopropyl alcohol	ND	0.15		ppbV	1	12/16/2004
m-Xylene	0.70	0.15		ppbV	1	12/16/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Isobutyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	12/16/2004
Methylene chloride	ND	0.15		ppbV	1	12/16/2004
o-Xylene	0.73	0.15		ppbV	1	12/16/2004
p-Xylene	0.31	0.15		ppbV	1	12/16/2004
Propylene	ND	0.15		ppbV	1	12/16/2004
Styrene	ND	0.15		ppbV	1	12/16/2004
Tetrachloroethylene	3.4	0.30		ppbV	2	12/16/2004
Tetrahydrofuran	ND	0.15		ppbV	1	12/16/2004
Toluene	0.73	0.15		ppbV	1	12/16/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Trichloroethene	ND	0.15		ppbV	1	12/16/2004
Vinyl acetate	ND	0.15		ppbV	1	12/16/2004
Vinyl Bromide	ND	0.15		ppbV	1	12/16/2004
Vinyl chloride	1.3	0.15		ppbV	1	12/16/2004
Surr: Bromofluorobenzene	121	70-130		%REC	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH1
Lab Order:	C0412013	**Tag Number:**	106
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trimethylbenzene	1.2	0.15		ppbV	1	12/16/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	12/16/2004
1,3,5-Trimethylbenzene	0.34	0.15		ppbV	1	12/16/2004
1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dioxane	ND	0.30		ppbV	1	12/16/2004
2,2,4-trimethylpentane	0.26	0.15		ppbV	1	12/16/2004
4-ethyltoluene	0.35	0.15		ppbV	1	12/16/2004
Acetone	ND	0.30		ppbV	1	12/16/2004
Allyl chloride	ND	0.15		ppbV	1	12/16/2004
Benzene	0.23	0.15		ppbV	1	12/16/2004
Benzyl chloride	ND	0.15		ppbV	1	12/16/2004
Bromodichloromethane	ND	0.15		ppbV	1	12/16/2004
Bromoform	ND	0.15		ppbV	1	12/16/2004
Bromomethane	ND	0.15		ppbV	1	12/16/2004
Carbon disulfide	ND	0.15		ppbV	1	12/16/2004
Carbon tetrachloride	ND	0.15		ppbV	1	12/16/2004
Chlorobenzene	ND	0.15		ppbV	1	12/16/2004
Chloroethane	ND	0.15		ppbV	1	12/16/2004
Chloroform	ND	0.15		ppbV	1	12/16/2004
Chloromethane	ND	0.15		ppbV	1	12/16/2004
cis-1,2-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Cyclohexane	ND	0.15		ppbV	1	12/16/2004
Dibromochloromethane	ND	0.15		ppbV	1	12/16/2004
Ethyl acetate	ND	0.25		ppbV	1	12/16/2004
Ethylbenzene	1.2	0.15		ppbV	1	12/16/2004
Freon 11	0.25	0.15		ppbV	1	12/16/2004
Freon 113	ND	0.15		ppbV	1	12/16/2004
Freon 114	ND	0.15		ppbV	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH1
Lab Order:	C0412013	**Tag Number:**	106
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.42	0.15		ppbV	1	12/16/2004
Heptane	0.90	0.15		ppbV	1	12/16/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
Hexane	1.1	0.15		ppbV	1	12/16/2004
Isopropyl alcohol	ND	0.15		ppbV	1	12/16/2004
m-Xylene	3.1	1.5		ppbV	10	12/16/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Isobutyl Ketone	0.73	0.30		ppbV	1	12/16/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	12/16/2004
Methylene chloride	11	1.5		ppbV	10	12/16/2004
o-Xylene	0.84	0.15		ppbV	1	12/16/2004
p-Xylene	0.95	0.15		ppbV	1	12/16/2004
Propylene	ND	0.15		ppbV	1	12/16/2004
Styrene	1.7	0.15		ppbV	1	12/16/2004
Tetrachloroethylene	0.17	0.15		ppbV	1	12/16/2004
Tetrahydrofuran	ND	0.15		ppbV	1	12/16/2004
Toluene	11	1.5		ppbV	10	12/16/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Trichloroethene	ND	0.15		ppbV	1	12/16/2004
Vinyl acetate	ND	0.15		ppbV	1	12/16/2004
Vinyl Bromide	ND	0.15		ppbV	1	12/16/2004
Vinyl chloride	ND	0.15		ppbV	1	12/16/2004
Surr: Bromofluorobenzene	117	70-130		%REC	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH4
Lab Order:	C0412013	**Tag Number:**	102
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	0.15		ppbV	1	12/16/2004
1,1,2-Trichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,1-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2,4-Trimethylbenzene	0.97	0.15		ppbV	1	12/16/2004
1,2-Dibromoethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloroethane	ND	0.15		ppbV	1	12/16/2004
1,2-Dichloropropane	ND	0.15		ppbV	1	12/16/2004
1,3,5-Trimethylbenzene	0.29	0.15		ppbV	1	12/16/2004
1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
1,3-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dichlorobenzene	ND	0.15		ppbV	1	12/16/2004
1,4-Dioxane	ND	0.30		ppbV	1	12/16/2004
2,2,4-trimethylpentane	ND	0.15		ppbV	1	12/16/2004
4-ethyltoluene	0.32	0.15		ppbV	1	12/16/2004
Acetone	ND	0.30		ppbV	1	12/16/2004
Allyl chloride	ND	0.15		ppbV	1	12/16/2004
Benzene	0.1	0.15	J	ppbV	1	12/16/2004
Benzyl chloride	ND	0.15		ppbV	1	12/16/2004
Bromodichloromethane	ND	0.15		ppbV	1	12/16/2004
Bromoform	ND	0.15		ppbV	1	12/16/2004
Bromomethane	ND	0.15		ppbV	1	12/16/2004
Carbon disulfide	ND	0.15		ppbV	1	12/16/2004
Carbon tetrachloride	ND	0.15		ppbV	1	12/16/2004
Chlorobenzene	ND	0.15		ppbV	1	12/16/2004
Chloroethane	ND	0.15		ppbV	1	12/16/2004
Chloroform	ND	0.15		ppbV	1	12/16/2004
Chloromethane	ND	0.15		ppbV	1	12/16/2004
cis-1,2-Dichloroethene	0.92	0.15		ppbV	1	12/16/2004
cis-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Cyclohexane	ND	0.15		ppbV	1	12/16/2004
Dibromochloromethane	ND	0.15		ppbV	1	12/16/2004
Ethyl acetate	ND	0.25		ppbV	1	12/16/2004
Ethylbenzene	1.1	0.15		ppbV	1	12/16/2004
Freon 11	0.25	0.15		ppbV	1	12/16/2004
Freon 113	ND	0.15		ppbV	1	12/16/2004
Freon 114	ND	0.15		ppbV	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH4
Lab Order:	C0412013	**Tag Number:**	102
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	0.46	0.15		ppbV	1	12/16/2004
Heptane	0.41	0.15		ppbV	1	12/16/2004
Hexachloro-1,3-butadiene	ND	0.15		ppbV	1	12/16/2004
Hexane	0.53	0.15		ppbV	1	12/16/2004
Isopropyl alcohol	ND	0.15		ppbV	1	12/16/2004
m-Xylene	2.0	0.15		ppbV	1	12/16/2004
Methyl Butyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Ethyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl Isobutyl Ketone	ND	0.30		ppbV	1	12/16/2004
Methyl tert-butyl ether	ND	0.15		ppbV	1	12/16/2004
Methylene chloride	7.9	0.75		ppbV	5	12/16/2004
o-Xylene	0.79	0.15		ppbV	1	12/16/2004
p-Xylene	1.1	0.15		ppbV	1	12/16/2004
Propylene	ND	0.15		ppbV	1	12/16/2004
Styrene	1.7	0.15		ppbV	1	12/16/2004
Tetrachloroethylene	0.17	0.15		ppbV	1	12/16/2004
Tetrahydrofuran	ND	0.15		ppbV	1	12/16/2004
Toluene	6.6	0.75		ppbV	5	12/16/2004
trans-1,2-Dichloroethene	ND	0.15		ppbV	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.15		ppbV	1	12/16/2004
Trichloroethene	0.17	0.15		ppbV	1	12/16/2004
Vinyl acetate	ND	0.15		ppbV	1	12/16/2004
Vinyl Bromide	ND	0.15		ppbV	1	12/16/2004
Vinyl chloride	ND	0.15		ppbV	1	12/16/2004
Surr: Bromofluorobenzene	118	70-130		%REC	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH-3
Lab Order:	C0412013	**Tag Number:**	99
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	12/16/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	12/16/2004
1,2,4-Trimethylbenzene	4.8	0.75		ug/m3	1	12/16/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	12/16/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	12/16/2004
1,3,5-Trimethylbenzene	2.0	0.75		ug/m3	1	12/16/2004
1,3-butadiene	ND	0.34		ug/m3	1	12/16/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dioxane	ND	1.1		ug/m3	1	12/16/2004
2,2,4-trimethylpentane	1.2	0.71		ug/m3	1	12/16/2004
4-ethyltoluene	1.6	0.75		ug/m3	1	12/16/2004
Acetone	ND	0.72		ug/m3	1	12/16/2004
Allyl chloride	ND	0.48		ug/m3	1	12/16/2004
Benzene	0.52	0.49		ug/m3	1	12/16/2004
Benzyl chloride	ND	0.88		ug/m3	1	12/16/2004
Bromodichloromethane	2.0	1.0		ug/m3	1	12/16/2004
Bromoform	ND	1.6		ug/m3	1	12/16/2004
Bromomethane	ND	0.59		ug/m3	1	12/16/2004
Carbon disulfide	ND	0.47		ug/m3	1	12/16/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	12/16/2004
Chlorobenzene	ND	0.70		ug/m3	1	12/16/2004
Chloroethane	ND	0.40		ug/m3	1	12/16/2004
Chloroform	4.9	0.74		ug/m3	1	12/16/2004
Chloromethane	ND	0.31		ug/m3	1	12/16/2004
cis-1,2-Dichloroethene	400	36		ug/m3	60	12/17/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Cyclohexane	ND	0.52		ug/m3	1	12/16/2004
Dibromochloromethane	ND	1.3		ug/m3	1	12/16/2004
Ethyl acetate	ND	0.92		ug/m3	1	12/16/2004
Ethylbenzene	4.5	0.66		ug/m3	1	12/16/2004
Freon 11	1.1	0.86		ug/m3	1	12/16/2004
Freon 113	ND	1.2		ug/m3	1	12/16/2004
Freon 114	ND	1.1		ug/m3	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH-3
Lab Order:	C0412013	**Tag Number:**	99
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	1.9	0.75		ug/m3	1	12/16/2004
Heptane	3.4	0.62		ug/m3	1	12/16/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	12/16/2004
Hexane	3.0	0.54		ug/m3	1	12/16/2004
Isopropyl alcohol	0.57	0.37		ug/m3	1	12/16/2004
m-Xylene	9.7	0.66		ug/m3	1	12/16/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	12/16/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	12/16/2004
Methyl Isobutyl Ketone	3.4	1.2		ug/m3	1	12/16/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	12/16/2004
Methylene chloride	55	5.3		ug/m3	10	12/16/2004
o-Xylene	3.1	0.66		ug/m3	1	12/16/2004
p-Xylene	3.7	0.66		ug/m3	1	12/16/2004
Propylene	ND	0.26		ug/m3	1	12/16/2004
Styrene	7.4	0.65		ug/m3	1	12/16/2004
Tetrachloroethylene	6.2	1.0		ug/m3	1	12/16/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	12/16/2004
Toluene	40	5.7		ug/m3	10	12/16/2004
trans-1,2-Dichloroethene	2.6	0.60		ug/m3	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Trichloroethene	28	8.2		ug/m3	10	12/16/2004
Vinyl acetate	ND	0.54		ug/m3	1	12/16/2004
Vinyl Bromide	ND	0.67		ug/m3	1	12/16/2004
Vinyl chloride	1.9	0.39		ug/m3	1	12/16/2004
Surr: Bromofluorobenzene	0	0		ug/m3	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH2
Lab Order:	C0412013	**Tag Number:**	95
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	12/16/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	12/16/2004
1,2,4-Trimethylbenzene	1.5	0.75		ug/m3	1	12/16/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	12/16/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	12/16/2004
1,3,5-Trimethylbenzene	ND	0.75		ug/m3	1	12/16/2004
1,3-butadiene	ND	0.34		ug/m3	1	12/16/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dioxane	ND	1.1		ug/m3	1	12/16/2004
2,2,4-trimethylpentane	ND	0.71		ug/m3	1	12/16/2004
4-ethyltoluene	ND	0.75		ug/m3	1	12/16/2004
Acetone	ND	0.72		ug/m3	1	12/16/2004
Allyl chloride	ND	0.48		ug/m3	1	12/16/2004
Benzene	0.62	0.49		ug/m3	1	12/16/2004
Benzyl chloride	ND	0.88		ug/m3	1	12/16/2004
Bromodichloromethane	ND	1.0		ug/m3	1	12/16/2004
Bromoform	ND	1.6		ug/m3	1	12/16/2004
Bromomethane	ND	0.59		ug/m3	1	12/16/2004
Carbon disulfide	ND	0.47		ug/m3	1	12/16/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	12/16/2004
Chlorobenzene	ND	0.70		ug/m3	1	12/16/2004
Chloroethane	ND	0.40		ug/m3	1	12/16/2004
Chloroform	ND	0.74		ug/m3	1	12/16/2004
Chloromethane	ND	0.31		ug/m3	1	12/16/2004
cis-1,2-Dichloroethene	1.1	0.60		ug/m3	1	12/16/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Cyclohexane	ND	0.52		ug/m3	1	12/16/2004
Dibromochloromethane	ND	1.3		ug/m3	1	12/16/2004
Ethyl acetate	ND	0.92		ug/m3	1	12/16/2004
Ethylbenzene	ND	0.66		ug/m3	1	12/16/2004
Freon 11	2.3	0.86		ug/m3	1	12/16/2004
Freon 113	ND	1.2		ug/m3	1	12/16/2004
Freon 114	ND	1.1		ug/m3	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH2
Lab Order:	C0412013	**Tag Number:**	95
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	2.3	0.75		ug/m3	1	12/16/2004
Heptane	ND	0.62		ug/m3	1	12/16/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	12/16/2004
Hexane	1.6	0.54		ug/m3	1	12/16/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	12/16/2004
m-Xylene	1.1	0.66		ug/m3	1	12/16/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	12/16/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	12/16/2004
Methyl Isobutyl Ketone	ND	1.2		ug/m3	1	12/16/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	12/16/2004
Methylene chloride	ND	0.53		ug/m3	1	12/16/2004
o-Xylene	0.57	0.66	J	ug/m3	1	12/16/2004
p-Xylene	ND	0.66		ug/m3	1	12/16/2004
Propylene	ND	0.26		ug/m3	1	12/16/2004
Styrene	ND	0.65		ug/m3	1	12/16/2004
Tetrachloroethylene	3.7	1.0		ug/m3	1	12/16/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	12/16/2004
Toluene	4.2	0.57		ug/m3	1	12/16/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Trichloroethene	ND	0.82		ug/m3	1	12/16/2004
Vinyl acetate	ND	0.54		ug/m3	1	12/16/2004
Vinyl Bromide	ND	0.67		ug/m3	1	12/16/2004
Vinyl chloride	ND	0.39		ug/m3	1	12/16/2004
Surr: Bromofluorobenzene	0	0		ug/m3	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Living Room
Lab Order:	C0412013	**Tag Number:**	135
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	12/16/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	12/16/2004
1,2,4-Trimethylbenzene	10	0.75		ug/m3	1	12/16/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	12/16/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	12/16/2004
1,3,5-Trimethylbenzene	3.3	0.75		ug/m3	1	12/16/2004
1,3-butadiene	ND	0.34		ug/m3	1	12/16/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dioxane	ND	1.1		ug/m3	1	12/16/2004
2,2,4-trimethylpentane	0.57	0.71	J	ug/m3	1	12/16/2004
4-ethyltoluene	3.2	0.75		ug/m3	1	12/16/2004
Acetone	8.9	7.2		ug/m3	10	12/16/2004
Allyl chloride	ND	0.48		ug/m3	1	12/16/2004
Benzene	1.2	0.49		ug/m3	1	12/16/2004
Benzyl chloride	ND	0.88		ug/m3	1	12/16/2004
Bromodichloromethane	ND	1.0		ug/m3	1	12/16/2004
Bromoform	ND	1.6		ug/m3	1	12/16/2004
Bromomethane	ND	0.59		ug/m3	1	12/16/2004
Carbon disulfide	1.1	0.47		ug/m3	1	12/16/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	12/16/2004
Chlorobenzene	ND	0.70		ug/m3	1	12/16/2004
Chloroethane	ND	0.40		ug/m3	1	12/16/2004
Chloroform	ND	0.74		ug/m3	1	12/16/2004
Chloromethane	ND	0.31		ug/m3	1	12/16/2004
cis-1,2-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Cyclohexane	0.91	0.52		ug/m3	1	12/16/2004
Dibromochloromethane	ND	1.3		ug/m3	1	12/16/2004
Ethyl acetate	ND	0.92		ug/m3	1	12/16/2004
Ethylbenzene	6.0	0.66		ug/m3	1	12/16/2004
Freon 11	1.3	0.86		ug/m3	1	12/16/2004
Freon 113	ND	1.2		ug/m3	1	12/16/2004
Freon 114	ND	1.1		ug/m3	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Living Room
Lab Order:	C0412013	**Tag Number:**	135
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	2.1	0.75		ug/m3	1	12/16/2004
Heptane	1.9	0.62		ug/m3	1	12/16/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	12/16/2004
Hexane	2.3	0.54		ug/m3	1	12/16/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	12/16/2004
m-Xylene	20	6.6		ug/m3	10	12/16/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	12/16/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	12/16/2004
Methyl Isobutyl Ketone	ND	1.2		ug/m3	1	12/16/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	12/16/2004
Methylene chloride	9.9	5.3		ug/m3	10	12/16/2004
o-Xylene	6.8	0.66		ug/m3	1	12/16/2004
p-Xylene	7.5	0.66		ug/m3	1	12/16/2004
Propylene	ND	0.26		ug/m3	1	12/16/2004
Styrene	4.4	0.65		ug/m3	1	12/16/2004
Tetrachloroethylene	ND	1.0		ug/m3	1	12/16/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	12/16/2004
Toluene	47	5.7		ug/m3	10	12/16/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Trichloroethene	ND	0.82		ug/m3	1	12/16/2004
Vinyl acetate	ND	0.54		ug/m3	1	12/16/2004
Vinyl Bromide	ND	0.67		ug/m3	1	12/16/2004
Vinyl chloride	ND	0.39		ug/m3	1	12/16/2004
Surr: Bromofluorobenzene	0	0		ug/m3	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Basement
Lab Order:	C0412013	**Tag Number:**	139
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	12/16/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	12/16/2004
1,2,4-Trimethylbenzene	9.1	0.75		ug/m3	1	12/16/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	12/16/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	12/16/2004
1,3,5-Trimethylbenzene	8.8	0.75		ug/m3	1	12/16/2004
1,3-butadiene	ND	0.34		ug/m3	1	12/16/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dichlorobenzene	4.2	0.92		ug/m3	1	12/16/2004
1,4-Dioxane	ND	1.1		ug/m3	1	12/16/2004
2,2,4-trimethylpentane	ND	0.71		ug/m3	1	12/16/2004
4-ethyltoluene	2.7	0.75		ug/m3	1	12/16/2004
Acetone	ND	0.72		ug/m3	1	12/16/2004
Allyl chloride	ND	0.48		ug/m3	1	12/16/2004
Benzene	0.65	0.49		ug/m3	1	12/16/2004
Benzyl chloride	ND	0.88		ug/m3	1	12/16/2004
Bromodichloromethane	ND	1.0		ug/m3	1	12/16/2004
Bromoform	ND	1.6		ug/m3	1	12/16/2004
Bromomethane	ND	0.59		ug/m3	1	12/16/2004
Carbon disulfide	ND	0.47		ug/m3	1	12/16/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	12/16/2004
Chlorobenzene	ND	0.70		ug/m3	1	12/16/2004
Chloroethane	ND	0.40		ug/m3	1	12/16/2004
Chloroform	ND	0.74		ug/m3	1	12/16/2004
Chloromethane	ND	0.31		ug/m3	1	12/16/2004
cis-1,2-Dichloroethene	11	1.2		ug/m3	2	12/16/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Cyclohexane	0.84	0.52		ug/m3	1	12/16/2004
Dibromochloromethane	ND	1.3		ug/m3	1	12/16/2004
Ethyl acetate	ND	0.92		ug/m3	1	12/16/2004
Ethylbenzene	0.57	0.66	J	ug/m3	1	12/16/2004
Freon 11	1.6	0.86		ug/m3	1	12/16/2004
Freon 113	ND	1.2		ug/m3	1	12/16/2004
Freon 114	ND	1.1		ug/m3	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	Basement
Lab Order:	C0412013	**Tag Number:**	139
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	2.3	0.75		ug/m3	1	12/16/2004
Heptane	ND	0.62		ug/m3	1	12/16/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	12/16/2004
Hexane	2.9	0.54		ug/m3	1	12/16/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	12/16/2004
m-Xylene	3.1	0.66		ug/m3	1	12/16/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	12/16/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	12/16/2004
Methyl Isobutyl Ketone	ND	1.2		ug/m3	1	12/16/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	12/16/2004
Methylene chloride	ND	0.53		ug/m3	1	12/16/2004
o-Xylene	3.2	0.66		ug/m3	1	12/16/2004
p-Xylene	1.4	0.66		ug/m3	1	12/16/2004
Propylene	ND	0.26		ug/m3	1	12/16/2004
Styrene	ND	0.65		ug/m3	1	12/16/2004
Tetrachloroethylene	23	2.1		ug/m3	2	12/16/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	12/16/2004
Toluene	2.8	0.57		ug/m3	1	12/16/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Trichloroethene	ND	0.82		ug/m3	1	12/16/2004
Vinyl acetate	ND	0.54		ug/m3	1	12/16/2004
Vinyl Bromide	ND	0.67		ug/m3	1	12/16/2004
Vinyl chloride	3.3	0.39		ug/m3	1	12/16/2004
Surr: Bromofluorobenzene	0	0		ug/m3	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH1
Lab Order:	C0412013	**Tag Number:**	106
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	12/16/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	12/16/2004
1,2,4-Trimethylbenzene	5.8	0.75		ug/m3	1	12/16/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	12/16/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	12/16/2004
1,3,5-Trimethylbenzene	1.7	0.75		ug/m3	1	12/16/2004
1,3-butadiene	ND	0.34		ug/m3	1	12/16/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dioxane	ND	1.1		ug/m3	1	12/16/2004
2,2,4-trimethylpentane	1.2	0.71		ug/m3	1	12/16/2004
4-ethyltoluene	1.7	0.75		ug/m3	1	12/16/2004
Acetone	ND	0.72		ug/m3	1	12/16/2004
Allyl chloride	ND	0.48		ug/m3	1	12/16/2004
Benzene	0.75	0.49		ug/m3	1	12/16/2004
Benzyl chloride	ND	0.88		ug/m3	1	12/16/2004
Bromodichloromethane	ND	1.0		ug/m3	1	12/16/2004
Bromoform	ND	1.6		ug/m3	1	12/16/2004
Bromomethane	ND	0.59		ug/m3	1	12/16/2004
Carbon disulfide	ND	0.47		ug/m3	1	12/16/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	12/16/2004
Chlorobenzene	ND	0.70		ug/m3	1	12/16/2004
Chloroethane	ND	0.40		ug/m3	1	12/16/2004
Chloroform	ND	0.74		ug/m3	1	12/16/2004
Chloromethane	ND	0.31		ug/m3	1	12/16/2004
cis-1,2-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Cyclohexane	ND	0.52		ug/m3	1	12/16/2004
Dibromochloromethane	ND	1.3		ug/m3	1	12/16/2004
Ethyl acetate	ND	0.92		ug/m3	1	12/16/2004
Ethylbenzene	5.1	0.66		ug/m3	1	12/16/2004
Freon 11	1.4	0.86		ug/m3	1	12/16/2004
Freon 113	ND	1.2		ug/m3	1	12/16/2004
Freon 114	ND	1.1		ug/m3	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH1
Lab Order:	C0412013	**Tag Number:**	106
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	2.1	0.75		ug/m3	1	12/16/2004
Heptane	3.7	0.62		ug/m3	1	12/16/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	12/16/2004
Hexane	4.0	0.54		ug/m3	1	12/16/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	12/16/2004
m-Xylene	14	6.6		ug/m3	10	12/16/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	12/16/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	12/16/2004
Methyl Isobutyl Ketone	3.0	1.2		ug/m3	1	12/16/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	12/16/2004
Methylene chloride	37	5.3		ug/m3	10	12/16/2004
o-Xylene	3.7	0.66		ug/m3	1	12/16/2004
p-Xylene	4.2	0.66		ug/m3	1	12/16/2004
Propylene	ND	0.26		ug/m3	1	12/16/2004
Styrene	7.3	0.65		ug/m3	1	12/16/2004
Tetrachloroethylene	1.2	1.0		ug/m3	1	12/16/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	12/16/2004
Toluene	41	5.7		ug/m3	10	12/16/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Trichloroethene	ND	0.82		ug/m3	1	12/16/2004
Vinyl acetate	ND	0.54		ug/m3	1	12/16/2004
Vinyl Bromide	ND	0.67		ug/m3	1	12/16/2004
Vinyl chloride	ND	0.39		ug/m3	1	12/16/2004
Surr: Bromofluorobenzene	0	0		ug/m3	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH4
Lab Order:	C0412013	**Tag Number:**	102
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-006A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1,2,2-Tetrachloroethane	ND	1.0		ug/m3	1	12/16/2004
1,1,2-Trichloroethane	ND	0.83		ug/m3	1	12/16/2004
1,1-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,1-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
1,2,4-Trichlorobenzene	ND	1.1		ug/m3	1	12/16/2004
1,2,4-Trimethylbenzene	4.8	0.75		ug/m3	1	12/16/2004
1,2-Dibromoethane	ND	1.2		ug/m3	1	12/16/2004
1,2-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,2-Dichloroethane	ND	0.62		ug/m3	1	12/16/2004
1,2-Dichloropropane	ND	0.70		ug/m3	1	12/16/2004
1,3,5-Trimethylbenzene	1.4	0.75		ug/m3	1	12/16/2004
1,3-butadiene	ND	0.34		ug/m3	1	12/16/2004
1,3-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dichlorobenzene	ND	0.92		ug/m3	1	12/16/2004
1,4-Dioxane	ND	1.1		ug/m3	1	12/16/2004
2,2,4-trimethylpentane	ND	0.71		ug/m3	1	12/16/2004
4-ethyltoluene	1.6	0.75		ug/m3	1	12/16/2004
Acetone	ND	0.72		ug/m3	1	12/16/2004
Allyl chloride	ND	0.48		ug/m3	1	12/16/2004
Benzene	0.45	0.49	J	ug/m3	1	12/16/2004
Benzyl chloride	ND	0.88		ug/m3	1	12/16/2004
Bromodichloromethane	ND	1.0		ug/m3	1	12/16/2004
Bromoform	ND	1.6		ug/m3	1	12/16/2004
Bromomethane	ND	0.59		ug/m3	1	12/16/2004
Carbon disulfide	ND	0.47		ug/m3	1	12/16/2004
Carbon tetrachloride	ND	0.96		ug/m3	1	12/16/2004
Chlorobenzene	ND	0.70		ug/m3	1	12/16/2004
Chloroethane	ND	0.40		ug/m3	1	12/16/2004
Chloroform	ND	0.74		ug/m3	1	12/16/2004
Chloromethane	ND	0.31		ug/m3	1	12/16/2004
cis-1,2-Dichloroethene	3.7	0.60		ug/m3	1	12/16/2004
cis-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Cyclohexane	ND	0.52		ug/m3	1	12/16/2004
Dibromochloromethane	ND	1.3		ug/m3	1	12/16/2004
Ethyl acetate	ND	0.92		ug/m3	1	12/16/2004
Ethylbenzene	4.7	0.66		ug/m3	1	12/16/2004
Freon 11	1.4	0.86		ug/m3	1	12/16/2004
Freon 113	ND	1.2		ug/m3	1	12/16/2004
Freon 114	ND	1.1		ug/m3	1	12/16/2004

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *31-Jan-05*

CLIENT:	Fagan Engineers	**Client Sample ID:**	CH4
Lab Order:	C0412013	**Tag Number:**	102
Project:	2004-023	**Collection Date:**	12/13/2004
Lab ID:	C0412013-006A	**Matrix:**	AIR

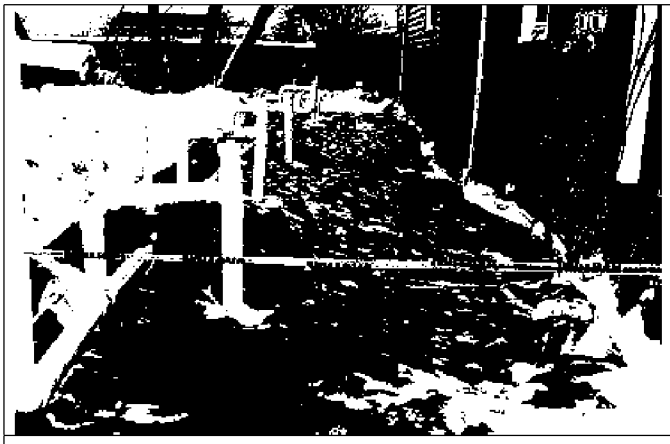
Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15_1UG/M3		**TO-15**				Analyst: **RJP**
Freon 12	2.3	0.75		ug/m3	1	12/16/2004
Heptane	1.7	0.62		ug/m3	1	12/16/2004
Hexachloro-1,3-butadiene	ND	1.6		ug/m3	1	12/16/2004
Hexane	1.9	0.54		ug/m3	1	12/16/2004
Isopropyl alcohol	ND	0.37		ug/m3	1	12/16/2004
m-Xylene	9.0	0.66		ug/m3	1	12/16/2004
Methyl Butyl Ketone	ND	1.2		ug/m3	1	12/16/2004
Methyl Ethyl Ketone	ND	0.90		ug/m3	1	12/16/2004
Methyl Isobutyl Ketone	ND	1.2		ug/m3	1	12/16/2004
Methyl tert-butyl ether	ND	0.55		ug/m3	1	12/16/2004
Methylene chloride	28	2.6		ug/m3	5	12/16/2004
o-Xylene	3.5	0.66		ug/m3	1	12/16/2004
p-Xylene	4.8	0.66		ug/m3	1	12/16/2004
Propylene	ND	0.26		ug/m3	1	12/16/2004
Styrene	7.4	0.65		ug/m3	1	12/16/2004
Tetrachloroethylene	1.2	1.0		ug/m3	1	12/16/2004
Tetrahydrofuran	ND	0.45		ug/m3	1	12/16/2004
Toluene	25	2.9		ug/m3	5	12/16/2004
trans-1,2-Dichloroethene	ND	0.60		ug/m3	1	12/16/2004
trans-1,3-Dichloropropene	ND	0.69		ug/m3	1	12/16/2004
Trichloroethene	0.93	0.82		ug/m3	1	12/16/2004
Vinyl acetate	ND	0.54		ug/m3	1	12/16/2004
Vinyl Bromide	ND	0.67		ug/m3	1	12/16/2004
Vinyl chloride	ND	0.39		ug/m3	1	12/16/2004
Surr: Bromofluorobenzene	0	0		ug/m3	1	12/16/2004

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

APPENDIX B
SITE PHOTOGRAPHS

The photographs presented in this appendix include photographs taken by BOSAG representatives and photographs taken and furnished to BOSAG by NYSDEC.



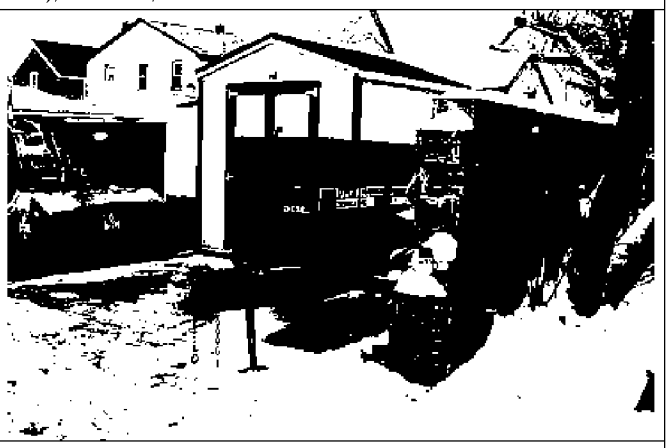
Photograph B-1: Extraction wells in SVE trench along property line with 88 Robinson Street (Risers #1 through #4), March 18, 2004.



Photograph B-2: Extraction well in along Robinson Street (Riser #5), March 18, 2004.



Photograph B-3: Relocated extraction well (Riser #6) located adjacent to southwest corner of residence at 88 Robinson Street, April 29, 2004.



Photograph B-4: SVE shed, generator, diesel fuel tank, and vapor-phase carbon vessel, March 18, 2004.



Photograph B-5: SVE shed, showing generator and fuel tank, March 18, 2004.



Photograph B-6: Vessel for vapor phase carbon on SVE system exhaust, March 18, 2004.



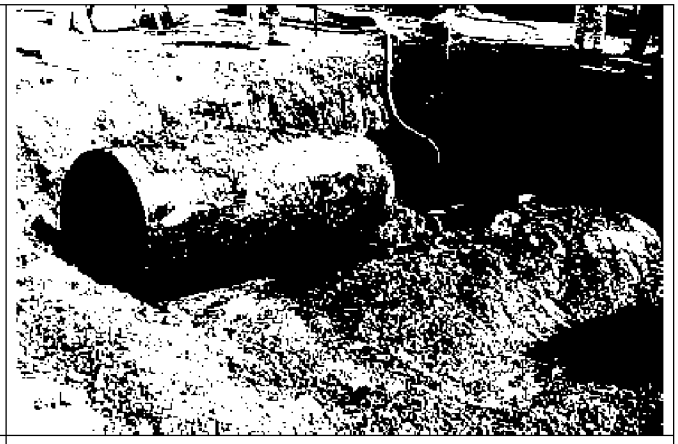
Photograph B-7: Uncovered 550-gallon UST, found to contain gasoline and water, April 13, 2004.



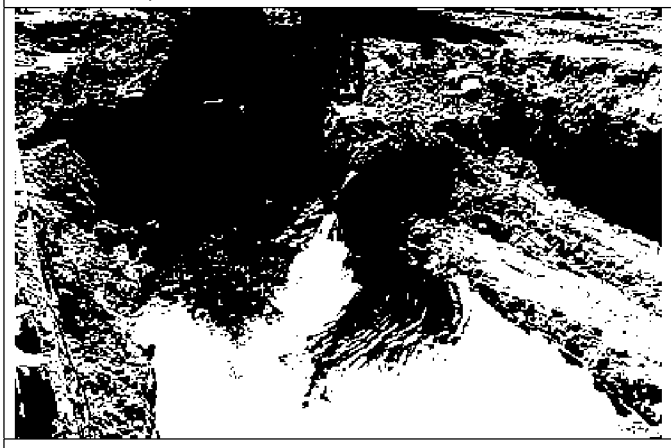
Photograph B-8: 550-gallon UST removed from excavation, April 13, 2003



Photograph B-9: Uncovered 1,000-gallon UST, found to contain diesel fuel, April 14, 2004.



Photograph B-10: Uncovered 1,000-gallon UST, found to contain diesel fuel, April 14, 2004.



Photograph B-11: Uncovered 5,000-gallon UST, found to contain mostly water, April 14, 2004.



Photograph B-12: Uncovered 5,000-gallon UST, found to contain mostly water, note pre-existing square hole, April 14, 2004.



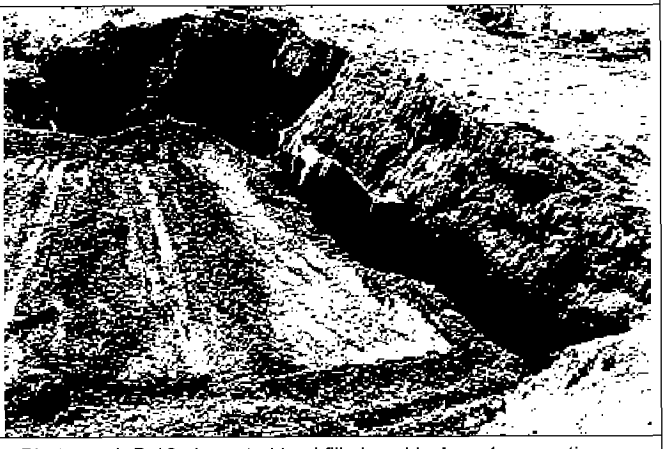
Photograph B-13: Drain pipes running north to south uncovered in soil excavation, April 15, 2004.



Photograph B-14: Drain pipe running west to east uncovered in soil excavation, April 15, 2004.



Photograph B-15: LNAPL and water accumulation in soil excavation, April 15, 2004.



Photograph B-16: Imported backfill placed in Area 1 excavation, April 16, 2004.

APPENDIX C
WASTE PROFILES FOR OFF-SITE DISPOSAL

NON-HAZARDOUS SPENT ACTIVATED CARBON
WASTE APPROVAL NO. M04-1894
MODERN LANDFILL, MODEL CITY, NEW YORK

47-19-7 (10/86)—Text 12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE • BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

FOR STATE USE ONLY		
SITE NO.	APPLICATION NO.	DATE RECEIVED
DEPARTMENT ACTION ☐ Approved ☐ Disapproved		DATE

APPLICATION FOR TREATMENT OR DISPOSAL OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

1. NAME OF PROJECT/FACILITY	2. COUNTY	3. SITE NUMBER
Modern Disposal Services	Niagara	
4. NAME OF OWNER	**5. ADDRESS (Street, City, State, Zip Code)**	**6. TELEPHONE NO.**
Modern Corporation	4746 Model City Road	716-754-8226
7. NAME OF OPERATOR	**8. ADDRESS (Street, City, State, Zip Code)**	**9. TELEPHONE NO.**
SAME	Model City NY 14107	Same

10. METHOD OF TREATMENT OR DISPOSAL: Sanitary Landfill

11. COMPANY GENERATING WASTE	12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code)	
Booth Oil Site Administrative Group	72 Robinson St. N. Tonawanda NY 14120	
13. REPRESENTATIVE OF WASTE GENERATOR	**14. MAILING ADDRESS OF REPRESENTATIVE**	**15. TELEPHONE NO.**
Leo Brausch	131 Wedgewood Drive, Gibsonia PA 15044	724-444-0377

16. DESCRIPTION OF PROCESS PRODUCING WASTE: Carbon used in Vapor extraction system during site remediation

17. EXPECTED ANNUAL WASTE PRODUCTION	18. WASTE HAULED IN
1.5 Tons/Year _____ Gallons/Year	☐ Drums ☐ Bulk Tank ☐ Roll-off Container ☐ Other _____

19. WASTE COMPOSITION	19b Physical State	19c pH Range
19a. Average Percent Solids 100%	☐ Liquid ☐ Slurry ☐ Sludge ☒ Solid ☐ Contained Gas	8.2 to 8.2

19d COMPONENTS	CONCENTRATION (Dry Weight) Upper	Lower	Typical	UNIT (Check one) Wt %	PPM
1) Carbon	100	100	100	☒	☐
2)				☐	☐
3)				☐	☐
4)				☐	☐

20. IS AN ANALYSIS OF WASTE ATTACHED?	21. WAS AN EP TOXICITY TEST CONDUCTED ON THE WASTE?	22. MATERIAL IS:
☒ Yes ☐ No	☒ Yes ☐ No If "Yes", attach results	☐ Hazardous ☒ Non-Hazardous

23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment, and disposal precautions.
None

24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY? N/A

25. NAME OF WASTE TRANSPORTER	26. ADDRESS (Street, City, State, Zip Code)	27. NYSDEC PERMIT No.	28. TELEPHONE NO.
Modern Disposal	4746 model City Road		716-754-8226

29. CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR	DATE
X [signature] (for Booth)	7/14/04
b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY	DATE
X	

APPENDIX D
WASTE SHIPMENT MANIFESTS

NON-HAZARDOUS SPENT ACTIVATED CARBON DISPOSAL AT MODERN LANDFILL MODEL CITY, NEW YORK

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1
NYD002131860	00502	

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
% Rob Lehman 54 N. Tonawanda St N.Y. 14120
4. Generator's Phone (724) 444-0377

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Modern Disposal Services		716-754-8226
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Modern Disposal Services 4746 Model City Road Model City, NY 14107		716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Hazardous, Non Regulated (carbon)	001	CM	EST. 3.00	P
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Approval #
M04-1894

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Kenneth Presley	K-Presley (for BOSAG)	07	22	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Willie Matthews	Willie Matthews	07	22	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Rob Lehman		07	22	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #1

NON-HAZARDOUS WATER
WASTE APPROVAL NO. SES040714A
ENVIRONMENTAL & INDUSTRIAL CONTRACTING SERVICES
NIAGARA FALLS, NEW YORK

Please print or type
(Form designed for use on elite (12-pitch)) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Doc. No. | 2. Page 1 of | 03103

GENERATOR

3. Generator's Name and Mailing Address

SEVENSON ENVIRONMENTAL, INC.
2749 LOCKPORT RD.
NIAGARA FALLS, NY 14305
716 284-0431

1

BOOTH OIL LOCATION
ROBINSON & RIVER RD.
JEFF SHIRLEY 284-0431

4. Generator's Phone

5. Transporter 1 Company Name | 6. US EPA ID Number | A. Transporter's Phone

7. Transporter 2 Company Name: GREEN ENVIRONMENT SPECIALISTS, INC. | 8. US EPA ID Number: N Y R 0 0 0 1 3 0 8 6 | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone

ENVIRONMENTAL & INDUSTRIAL CONTRACTING SERVICES, INC.
8335 QUARRY RD.
NIAGARA FALLS, NY 14304

(716)298-5297
(716)298-8876

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED MATERIAL NOT REGULATED BY DOT NA	2	D M	6 5 0	LB
b.				
c.				
d.				

N Y 0 0 0 1 0 3 7 6 0 5

D. Additional Descriptions for Materials Listed Above

A) RAIN WATER/FUEL
B)
C)
D)

E. Handling Codes for Wastes Listed Above

A) S
B)
C)
D)

15. Special Handling Instructions and Additional Information

A) APPROVAL #: SES040714A
B) APPROVAL #:
C) APPROVAL #:
D) APPROVAL #:

INVOICE: GREEN ENVIRONMENT SPECIALISTS, INC.

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
		7	28	

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

GENERATOR'S COPY

NON-HAZARDOUS SOIL
DISPOSAL AT MODERN LANDFILL
MODEL CITY, NEW YORK

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NC HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
	N.Y.D.0.0.2.1.3.1.8.6.0	04.C.1.	

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Modern Disposal Corp.	n/a.	9A-073
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		716-754-8226
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Modern Landfill, Inc. 4746 Model City Road, Model City, NY 14107		716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	D.T	Approx 21.5	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth O.I

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M. BRAUCH AGENT		4	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JA Robins		4	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Deb Lehman		04	14	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

401

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1041986
DATE IN : 04/14/04 08:05:30
DATE OUT: 04/14/04 08:05:30

TRUCK :pf32
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0229197S-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 74,140.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 46,520.00
TONS: 23.26

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N Y D 0 0 2 1 3 1 8 6 | Manifest Doc. No. 04.02 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRAUSCH, AGENT		4	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAVID HOPKINS		4	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Deb Lehman		04	14	04

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

402

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042000
DATE IN : 04/14/04 00:12:47
DATE OUT: 04/14/04 00:12:48

TRUCK :PF33-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0226197J-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 78,740.00
TARE WEIGHT: 27,590.00
NET WEIGHT: 51,150.00
TONS: 25.58

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or ty
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
	N Y D 0 0 2 1 3 1 8 6 0	0 4 0 3	

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Modern Disposal Corp.	n/a	9A-073
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		716-754-8226
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Modern Landfill, Inc. 4746 Model City Road, Model City, NY 14107		716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	D T	Approx 23	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth O.I

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRAUSCH, AGENT		4	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
FRED	Fred	4	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Yr

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day
Dale Lehman		04	14

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Neenah, WI 54957-0368

12-BLS-C5 Rev. 1

ORIGINAL -- RETURN TO GENERATOR

403

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042003
DATE IN : 04/14/04 07:21:56
DATE OUT: 04/14/04 08:21:57

TRUCK :M9-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
STEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 5162.000
MDS MODERN DISPOSAL

HAULER TICKET:TK0229197A-000 COMMODITY:0100-0000 INDUSTRIAL WASTE

GROSS WEIGHT: 70,200.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 42,580.00
TONS: 21.29

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y D 0 0 2 1 3 1 8 6 0
Manifest Doc. No.: 0404
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth 0.1

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*
Printed/Typed Name: LEO M BRAUCH, AGENT
Signature:
Month 4 Day 14 Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Jacobs
Signature:
Month 4 Day 14 Year 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Don Lohman
Signature:
Month 04 Day 14 Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

404

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1040005
DATE IN : 04/14/04 00:28:47
DATE OUT: 04/14/04 00:28:47

TRUCK :M11-MDS
HAULER :MDS/Mawhiney Trucking
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0228376-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 75,480.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 47,860.00
TONS: 23.93

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on (n) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y D 0 0 2 1 3 1 8 6 0
Manifest Doc. No.: 0405
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 32	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M BRAUCH, AGENT
Signature:
Month: 4 Day: 19 Year: 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID E. FOSTER
Signature:
Month: 4 Day: 19 Year: 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Deb Lehman
Signature:
Month: 04 Day: 19 Year: 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

405

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042011
DATE IN : 04/14/04 08:43:12
DATE OUT: 04/14/04 08:43:13

TRUCK :M18-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0232275-000 COMMODITY:0166-0000 INDUSTRIAL WASTE

GROSS WEIGHT: 75,360.00
TARE WEIGHT: 27,740.00
NET WEIGHT: 47,620.00
TONS: 23.81

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No. 0.4.0.6. | 2. Page 1 of 1

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	X X 1	D T	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M BRAUCH, AGENT | Signature | Month 4 | Day 14 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JIM ROSS | Signature | Month 4 | Day 14 | Year 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Bob Lohman | Signature | Month 04 | Day 14 | Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

406

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 10422935
DATE IN : 04/14/04 09:26:45
DATE OUT: 04/14/04 09:26:45

TRUCK :pf32
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET :TK0020220976-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 85,200.00
TARE WEIGHT: 27,660.00
NET WEIGHT: 58,660.00
TONS: 29.33

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y D 0 0 2 1 3 1 8 6 0
Manifest Doc. No.: 04.07.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a.
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	D.T	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M. BRANSCUM		4	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAVID HOTALING		4	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
D. Lehman		04	14	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

407

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1442041
DATE IN : 04/14/04 09:41:25
DATE OUT: 04/14/04 09:41:26

TRUCK :PF33-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ 300TH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0220220302-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 50,160.00
TARE WEIGHT: 27,980.00
NET WEIGHT: 22,180.00
TONS: 11.09

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No.: 04.08. | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a. | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address: Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107 | 10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 21	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Bath 0:1

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M. BRAUCH | Signature | Month 4 | Day 14 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month 4 | Day 14 | Year 04

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

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name: Don Lehman | Signature | Month 04 | Day 14 | Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

408

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1842858
DATE IN : 04/14/04 10:05:03
DATE OUT : 04/14/04 10:05:59

TRUCK :M9-MD9
HAULER :MD9 / FOURNIER TRUCKING
GENERATOR: 4455.042
REVENSON ENVIROMENTAL SERV
@ SOUTH GIL ROBINSON ROAD
BILL TO : 6163.000
MD9 MODERN DISPOSAL
HAULER TICKET:TK0022297G-000 COMMODITY:0103-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 76,780.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 49,160.00
TONS: 24.58

WEIGHTMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

e on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N.Y.D.0.0.2.1.3.1.8.6.0	0 4 0 9	

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Modern Disposal Corp.	n/a	9A-073
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		716-754-8226
9. Designated Facility Name and Site Address Modern Landfill, Inc. 4746 Model City Road, Model City, NY 14107	10. US EPA ID Number	C. Facility's Phone 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	X X 1	D T	Approx 23.	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRAUSCH, AGENT		4	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Jacobs		4	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
John Lohman		04	14	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

409

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1M4A066
DATE IN : 04/14/04 10:49:53
DATE OUT: 04/14/04 12:49:53

TRUCK :MIL-MDS
HAULER :MDS/Hawkiney Trucking
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
8 SOOTH OIL ROBINSON ROAD
BILL TO : 5163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0025020465-000 COMMODITY:0102-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 69,660.00
TARE WEIGHT: 27,660.00
NET WEIGHT: 42,000.00
TONS: 21.13

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No.: 04.10. | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107

10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M. BRAUCH, AGENT | Signature | Month 4 | Day 14 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month 4 | Day 14 | Year 04

18. Transporter 2 Acknowledgement of Receipt of Materials

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

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name: Don Lehman | Signature | Month 04 | Day 14 | Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #1

410

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042894
DATE IN : 04/14/04 11:33:03
DATE OUT: 04/14/04 11:38:03

TRUCK :M10-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL

HAULER TICKET:1K0620290-000 COMMODITY:3100-0000 INDUSTRIAL WASTE

GROSS WEIGHT: 67,220.00
TARE WEIGHT: 27,740.00
NET WEIGHT: 39,480.00
TONS: 19.74

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) ty er.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No. 0411
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22.	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M BRANSCUM AGENT
Signature:
Month 4 Day 14 Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: J.A. Robinson
Signature:
Month 4 Day 14 Year 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Deb Lehman
Signature:
Month 04 Day 14 Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

411

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042103
DATE IN : 04/14/04 12:01:13
DATE OUT: 04/14/04 12:01:13

TRUCK :pf32
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0220329777-000 COMMODITY:0100-2000 INDUSTRIAL WASTE
GROSS WEIGHT: 57,420.00
TARE WEIGHT: 37,620.00
NET WEIGHT: 39,800.00
TONS: 19.90

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y D 0 0 2 1 3 1 8 6 0 | Manifest Doc. No.: 04-12- | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	X X 1	D T	Approx 23	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M BRAUSCH, AGENT | Signature | Month 4 | Day 14 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Jacobs | Signature | Month 4 | Day 14 | Year 04

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

FACILITY

19. Discrepancy Indication Space

20 Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Deb Lehman | Signature | Month 04 | Day 14 | Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

412

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1048141
DATE IN : 04/14/04 13:27:52
DATE OUT: 04/14/04 13:27:53

TRUCK :M11-MDS
HAULER :MDS/Mawhiney Trucking
GENERATOR: 4485.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH CTL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL

HAULER TICKET:TK0228A0974-000 COMMODITY:6100-0000 INDUSTRIAL WASTE

GROSS WEIGHT: 70,500.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 42,880.00
TONS: 21.44

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
NYD002131860	04.13.	

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Modern Disposal Corp.	n/a	9A-073
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		716-754-8226
9. Designated Facility Name and Site Address Modern Landfill, Inc. 4746 Model City Road, Model City, NY 14107	10. US EPA ID Number	C. Facility's Phone 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRAUSCH, AGENT		4	14	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAVID E. FOSTER		4	14	04

. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Deb Lehman		04	14	04

ORIGINAL

413

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1043159
DATE IN : 04/14/04 13:48:00
DATE OUT: 04/14/04 15:43:06

TRUCK :M10-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TN0226197C-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 77,060.00
TARE WEIGHT: 27,740.00
NET WEIGHT: 49,320.00
TONS: 24.66

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use ... (12-pitch) typewriter.)

...-HAZARDOUS ...TE MANIFEST	1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0	Manifest Doc. No. 0414	2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Modern Disposal Corp.	n/a	9A-073
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		716-754-8226
9. Designated Facility Name and Site Address Modern Landfill, Inc. 4746 Model City Road, Model City, NY 14107	10. US EPA ID Number	C. Facility's Phone 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	D.T	Approx 23	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRAUSCH, AGENT		4	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAVID HOTALING		4	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Deb Lehman		04	14	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

4/14

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042157
DATE IN : 04/14/04 13:58:56
DATE OUT: 04/14/04 13:56:59

TRUCK :PF33-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL

HAULER TICKET:TK0228823B3-000 COMMODITY:6100-0030 INDUSTRIAL WASTE

GROSS WEIGHT: 88,620.00
TARE WEIGHT: 27,580.00
NET WEIGHT: 61,040.00
TONS: 30.52

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.: 0.4.1.5.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22.	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M BRANSON, AGENT
Signature:
Month: 4 Day: 14 Year: 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: 4 Day: 14 Year: 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: D. Lohman
Signature:
Month: 04 Day: 14 Year: 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

415

.ODERN CORPORATION

. BOX 209 MODEL CITY, NEW YORK 14107
_ANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042167
DATE IN : 04/14/04 14:11:49
DATE OUT: 04/14/04 14:11:49

TRUCK :M9-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0228A036-000 COMMODITY:2100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 68,060.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 40,440.00
TONS: 20.22

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N. Y. D. 0. 0. 2. 1. 3. 1. 8. 6. 0	0416.	

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Modern Disposal Corp.	n/a	9A-073
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		716-754-8226
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Modern Landfill, Inc. 4746 Model City Road, Model City, NY 14107		716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22.	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Bath oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRANSCH, AGENT		4	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
J M ROSINS		4	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Bob Lohman		04	14	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

416

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042173
DATE IN : 04/14/04 14:21:24
DATE OUT: 04/14/04 14:21:25

TRUCK :pf32
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 5163.000
MDS MODERN DISPOSAL
HAULER TICKET:TR0228353?-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 71,360.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 43,660.00
TONS: 21.84

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N·Y·D·0·0·2·1·3·1·8·6·0 | Manifest Doc. No. 0417 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107

10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Earth 0.1

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M BRAUSCH AGENT | Signature | Month 4 | Day 14 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Jacobs | Signature | Month 4 | Day 14 | Year 04

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

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name: Bob Lohman | Signature | Month 04 | Day 14 | Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0366

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

417

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 18A2804
DATE IN : 04/14/04 15:29:01
DATE OUT: 04/14/04 15:23:01

TRUCK :M11--MDS
HAULER :MDS/Mawhiney Trucking
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TV0228A3587-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 74,560.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 46,940.00
TONS: 23.47

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.: 0.7.1.8.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 27	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRAUSCH, AGENT		4	14	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAVID E. FOSTER		4	14	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Bob Lohman		04	14	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

418

.RN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042213
DATE IN : 04/14/04 15:38:24
DATE OUT: 04/14/04 15:38:24

TRUCK :M12-MDS
HAULER :MDS/Mawhiney Trucking
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0328335564-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 77,300.00
TARE WEIGHT: 28,320.00
NET WEIGHT: 48,980.00
TONS: 24.49

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.: 041.C
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 23	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M BRAUSCH, AGENT
Signature:
Month: 4 Day: 14 Ye: 0

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: David Hoffman
Signature:
Month: 4 Day: 14 Y

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

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name: Deb Lahman
Signature:
Month: 04 Day: 14

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev.

ORIGINAL – RETURN TO GENERATOR

419

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 104287
DATE IN : 04/14/24 15:54:03
DATE OUT: 04/14/24 15:54:03

TRUCK :PF33-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ 500TH OIL ROBINSON ROAD
BILL TO : 6163.002
MDS MODERN DISPOSAL
HAULER TICKET:TK0423535-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 76,040.00
TARE WEIGHT: 27,580.00
NET WEIGHT: 52,460.00
TONS: 25.23

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No. 0425
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M BRAUCH, AGENT
Signature:
Month 4 Day 14 Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month 4 Day 14 Year 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Bob Lehman
Signature:
Month 04 Day 14 Ye 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah WI 54957-0368

12-BLS-C5 Rev. 12/

ORIGINAL – RETURN TO GENERATOR

420

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042232
DATE IN : 04/14/04 16:02:49
DATE OUT: 04/14/04 16:02:49
TRUCK :N9-NDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
& BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0220303579-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 74,760.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 47,160.00
TONS: 23.58

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No. 9421
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 23	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRAUSCH, AGENT		4	15	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAVID FOTALING		4	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Deb Lohman		4	16	04

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Neenah, WI 54957-0368

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TRANSPORTER #1

421

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042714
DATE IN : 04/15/04 00:01:05
DATE OUT: 04/16/04 00:21:05

TRUCK :PF33-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.048
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6103.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0004676-000 COMMODITY:0100-0020 INDUSTRIAL WASTE

GROSS WEIGHT: 76,050.00
TARE WEIGHT: 27,560.00
NET WEIGHT: 48,490.00
TONS: 24.24

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No. 0422 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107

10. US EPA ID Number

C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx ZZ	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Bucket 01

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M BRAUSCH, AGENT | Signature | Month 4 | Day 15 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: William DeWalt | Signature | Month 4 | Day 16 | Year 04

18. Transporter 2 Acknowledgement of Receipt of Materials

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

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name: Deb Lehman | Signature | Month 04 | Day 11 | Year 00

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Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

422

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042733
DATE IN : 04/16/04 08:34:41
DATE OUT: 04/16/04 08:34:41

TRUCK :1440-RDS
HAULER :LT LEWISTON TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6161.000
LT LEWISTON TRUCKING
HAULER TICKET:TK0204840T3-000 COMMODITY:2100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 74,260.00
TARE WEIGHT: 28,820.00
NET WEIGHT: 45,440.00
TONS: 22.72

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD002131860 | Manifest Doc. No. 0423 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRAUEN, AGENT		4	16	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JA ROSNS		4	16	04

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 waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Deb Lehman		04	16	04

GENERATOR — TRANSPORTER — FACILITY

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Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #2

423

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1642727
DATE IN : 04/16/04 08:42:20
DATE OUT: 04/16/04 08:42:2

TRUCK :p732
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 0163.003
MDS MODERN DISPOSAL
HAULER TICKET:TKGRN035502-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 73,640.00
TARE WEIGHT: 27,020.00
NET WEIGHT: 46,620.00
TONS: 23.0

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No. 0424 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M. BRAUSCH, AGENT | Signature | Month 4 | Day 16 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Lee Marsland | Signature: Lee Marsland | Month 4 | Day 16 | Year 04

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

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name: Deb Lehman | Signature | Month 04 | Day 16 | Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

424

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1046732
DATE IN : 04/16/04 08:45:44
DATE OUT: 04/16/04 08:46:44

TRUCK :M14-mds
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TN0255N551-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 71,320.00
TARE WEIGHT: 24,800.00
NET WEIGHT: 46,520.00
TONS: 23.26

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

425

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1849748
DATE IN : 04/16/04 08:59:35
DATE OUT: 04/16/04 08:59:35

TRUCK :MS-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TKGR033586-000 COMMODITY:0100-0000 INDUSTRIAL WASTE

GROSS WEIGHT: 82,360.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 54,740.00
TONS: 27.37

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No. 0426 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth O:1

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M. BRAUSCH, AGENT | Signature | Month 4 | Day 16 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID HOTALING | Signature | Month 04 | Day 16 | Year 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Bob Lohman | Signature | Month 04 | Day 16 | Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

0426

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042759
DATE IN : 04/16/04 09:43:03
DATE OUT: 04/16/04 09:43:03

TRUCK :PF33-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6183.000
MDS MODERN DISPOSAL
HAULER TICKET:TN0220404A-000 COMMODITY:D100-0000 INDUSTRIAL WASTE

GROSS WEIGHT: 75,440.00
TARE WEIGHT: 67,980.00
NET WEIGHT: 47,460.00
TONS: 23.73

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y D 0 0 2 1 3 1 8 6 0
Manifest Doc. No.: 0427
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a.
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*
Printed/Typed Name: LEO M. BRAUSCH, AGENT
Signature:
Month 4 Day 16 Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: J. F. Robins
Signature:
Month 4 Day 16 Year 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: *Certification of receipt of waste materials covered by this manifest except as noted in Item 19.*
Printed/Typed Name: Deb Lehman
Signature:
Month 04 Day 16 Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

427

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1046771
DATE IN : 04/16/04 10:00:52
DATE OUT: 04/16/04 10:09:03

TRUCK :5432
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4456.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0226353S3-030 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 71,460.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 44,340.00
TONS: 22.17

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
	N. Y. D. 0. 0. 2. 1. 3. 1. 8. 6. 0	0428	

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Modern Disposal Corp.	n/a	9A-073
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		716-754-8226
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Modern Landfill, Inc. 4746 Model City Road, Model City, NY 14107		716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22.	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M. BRAUSCH, AGENT		4	16	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
William DeLaRosa		4	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
D. Lehman		04	16	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

428

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1046782R
DATE IN : 04/15/04 10:14:35
DATE OUT: 04/15/04 10:14:36

TRUCK : 1448-pds
HAULER : LT LEWISTON TRUCKING
GENERATOR: 4455.842
SEVENSON ENVIRONMENTAL SERV
9 BOOTH OIL ROBINSON ROAD
BILL TO : 6161.300
LT LEWISTON TRUCKING

HAULER TICKET:TK0220448S8-000 COMMODITY:8160-0000 INDUSTRIAL WASTE

GROSS WEIGHT: 71,020.00
TARE WEIGHT: 28,020.00
NET WEIGHT: 42,000.00
TONS: 21.40

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N Y D 0 0 2 1 3 1 8 6 0 | Manifest Doc. No. 0429 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M. BRAUCH, AGENT		4	16	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Lee Marsland		4	16	04

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 waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Bob Lehman		04	16	04

GENERATOR — TRANSPORTER — FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

429

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1062791
DATE IN : 04/15/04 10:58:27
DATE OUT: 04/15/04 10:59:29

TRUCK :M14-mds
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL

HAULER TICKET:TK0229350-000 COMMODITY:0100-0000 INDUSTRIAL WASTE

GROSS WEIGHT: 68,780.00
TARE WEIGHT: 24,800.00
NET WEIGHT: 43,980.00
TONS: 21.99

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD002131860 | Manifest Doc. No. 0430 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	D.T	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M BRAUCH. AGENT | Signature | Month 4 | Day 16 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month 4 | Day 16 | Year 04

18. Transporter 2 Acknowledgement of Receipt of Materials

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

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name: Bob Lohman | Signature | Month 6 | Day 14 | Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #2

430

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1045897
DATE IN : 04/16/04 11:03:13
DATE OUT: 04/16/04 11:05:14

TRUCK :N9--MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL

HAULER TICKET:TK042305169--000 COMMODITY:0100-0000 INDUSTRIAL WASTE

GROSS WEIGHT: 73,780.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 46,160.00
TONS: 23.08

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No. 0431 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M. BRAUSCH, AGENT | Signature | Month 4 | Day 16 | Year 04

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID HOTALING | Signature | Month 4 | Day 16 | Year 04

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 waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: D. Goldman | Signature | Month 04 | Day 16 | Year 04

GENERATOR

TRANSPORTER

FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

431

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042813
DATE IN : 04/16/24 11:14:11
DATE OUT: 04/16/24 17:14:11

TRUCK :RF33-MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.048
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.200
MDS MODERN DISPOSAL
HAULER TICKET:TK0225177-000 COMMODITY:0100-3000 INDUSTRIAL WASTE
GROSS WEIGHT: 72,220.00
TARE WEIGHT: 27,590.00
NET WEIGHT: 45,230.00
TONS: 22.61

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No. 0432 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M. BRAUSCH, AGENT | Signature | Month 4 | Day 15 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: J.A. ROBINS | Signature | Month 4 | Day 16 | Year 04

18. Transporter 2 Acknowledgement of Receipt of Materials

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

FACILITY

19. Discrepancy Indication Space

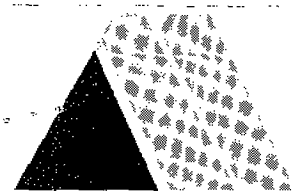
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Doblehmeyer | Signature | Month 04 | Day 16 | Year 04

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Neenah, WI 54957-0368

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TRANSPORTER #2



MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

432

TICKET : 1842826
DATE IN : 04/16/04 11:22:10
DATE OUT: 04/16/04 11:22:10

TRUCK :pf32
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4453.042
SEVENSON ENVIROMENTAL SERV
3 BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TI0023851/6-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 72,750.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 45,030.00
TONS: 22.54

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
	N.Y.D.0.0.2.1.3.1.8.6.0	0433	

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Modern Disposal Corp.	n/a	9A-073
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		716-754-8226
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Modern Landfill, Inc. 4746 Model City Road, Model City, NY 14107		716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	X X 1	D T	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRAUSCH, AGENT		4	16	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
William C DeDekker			16	

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Bob Lohmann		04	16	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #1

433

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042834
DATE IN : 04/16/04 11:42:31
DATE OUT: 04/16/04 11:42:31

TRUCK :1440-mds
HAULER :LT LEWISTON TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROSINSON ROAD
BILL TO : 6161.000
LT LEWISTON TRUCKING
HAULER TICKET:TK0620403-000 COMMODITY:0100-0200 INDUSTRIAL WASTE
GROSS WEIGHT: 74,060.00
TARE WEIGHT: 29,020.00
NET WEIGHT: 45,200.00
TONS: 22.60

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.: 0434
2. Page 1 of 1

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M BRAUSCH, AGENT
Signature:
Month: 4 Day: 16 Year: 04

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Lee Marsland
Signature: Lee Marsland
Month: 4 Day: 16 Year: 04

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 waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Bob Lehman
Signature:
Month: 04 Day: 16 Year: 04

GENERATOR
TRANSPORTER
FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

434

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042847
DATE IN : 04/16/04 12:06:11
DATE OUT: 04/16/04 12:45:12

TRUCK :M14-ed:
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ SOOTH OIL ROBINSON ROAD
BILL TO : S163.000
MDO MODERN DISPOSAL
HAULER TICKET:TN0203651Z3-0000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 76,100.00
TARE WEIGHT: 24,800.00
NET WEIGHT: 51,300.00
TONS: 25.65

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No. 0435 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107

10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DF	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815 Booth O.
Site ID # _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M BRAUSCH AGENT | Signature | Month 4 | Day 16 | Year 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month 4 | Day 16 | Year 04

18. Transporter 2 Acknowledgement of Receipt of Materials

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

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name Bob Lohman | Signature | Month 04 | Day 16 | Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #2

435

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1004363
DATE IN : 04/15/04 12:35:04
DATE OUT: 04/15/04 12:35:04

TRUCK :M9-M05
HAULER :MD9 / FOURNIER TRUCKING
GENERATOR: 4485.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MD5 MODERN DISPOSAL
HAULER TICKET:TK0004516B-000 COMMODITY:0100-0800 INDUSTRIAL WASTE
GROSS WEIGHT: 73,820.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 46,200.00
TONS: 23.10

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0	Manifest Doc. No. 0425	2. Page 1 of 1	

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Modern Disposal Corp.	n/a	9A-073
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
		716-754-8226
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Modern Landfill, Inc. 4746 Model City Road, Model City, NY 14107		716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Modern #M031815 Site ID # _____	

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	4	13	05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
	[signature]	4	14	05

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 waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR / TRANSPORTER / FACILITY

Printed by: KEITER & ASSOCIATES, INC.

GENERATOR'S COPY

42 BES C5 Rev. 12/98

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y D 0 0 0.2 1 3 1 8.6 0 | Manifest Doc. No. 04361 | 2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone ( ) 716 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"		XX	Approx 12 T	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815 Booth
Site ID # [illegible]

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M. BRAUSCH, AGENT		04	16	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAVID HOFFMAN		4	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Deb Lehman		04	16	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

461
436

TICKET : 1042904
DATE IN : 04/16/04 13:25:21
DATE OUT: 04/16/04 13:25:21

TRUCK :PF33-MDS
HAULER : MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0.2335102-000 COMMODITY:0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 79,740.00
TARE WEIGHT: 27,560.00
NET WEIGHT: 52,180.00
TONS: 26.09

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No. 0457 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #N031815 Booth 01
Site ID # Booth 01

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
LEO M BRAUCH, AGENT		4	16	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
KOLINS		4	16	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Deb Lehman		04	16	04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #2

437

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1842990
DATE IN : 04/16/04 13:47:14
DATE OUT: 04/16/04 13:47:15

TRUCK : 5P732
HAULER : NDS / FOURNIER TRUCKING
GENERATOR: 4455.342
STEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6152.000
NDS MODERN DISPOSAL
HAULER TICKET:TI0826517I-000 COMMODITY:0120-0220 INDUSTRIAL WASTE
GROSS WEIGHT: 78,150.50
TARE WEIGHT: 27,620.00
NET WEIGHT: 50,530.50
TONS: 25.25

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that *Modern Landfill Inc. shall not* be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y D 0 0 2 1 3 1 8 6 0
Manifest Doc. No.: 0138
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	X X 1	D T	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth 01

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M. BRAUCH, AGENT
Signature:
Month: 04 Day: 16 Year: 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Lee Moreland
Signature:
Month: 4 Day: 16 Year: 04

18. Transporter 2 Acknowledgement of Receipt of Materials

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

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name: Dan Lohman
Signature:
Month: 04 Day: 16 Year: 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

438

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1540935
DATE IN : 04/16/04 14:50:33
DATE OUT: 04/16/04 14:50:33

TRUCK :M14-####
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ SOUTH OIL ROBINSON ROAD
BILL TO : 6163.002
MDS MODERN DISPOSAL
MANIFEST TICKET:TP02F03170-000 COMMODITY:8100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 69,240.00
TARE WEIGHT: 24,556.08
NET WEIGHT: 44,443.92
TONS: 22.22

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0 | Manifest Doc. No. 0439 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107

10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	X X 1	D T	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*

Printed/Typed Name: LEO M BRAUSCH, AGENT | Signature | Month: 4 | Day: 16 | Year: 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: William C DeDario | Signature | Month: 4 | Day: 16 | Year: 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Bob Lohman | Signature | Month | Day | Year: 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #1

439

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1042942
DATE IN : 04/16/04 13:37:47
DATE OUT: 04/16/04 14:37:47
TRUCK :1440
HAULER :LT LEWISTON TRUCKING
GENERATOR: 4455.042
FEVLINSON ENVIRONMENTAL SERV
@ SOUTH OTL ROBINSON ROAD
BILL TO : 6161.020
LT LEWISTON TRUCKING
HAULER TICKET:TKNL20040296-000 COMMODITY:3160-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 73,760.00
TARE WEIGHT: 28,820.00
NET WEIGHT: 44,940.00
TONS: 22.47

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y D 0 0 2 1 3 1 6 6 0
Manifest Doc. No.: 044D
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M03181 Booth 01
Site ID #

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M BRAUCH, AGENT
Signature:
Month: 4 Day: 16 Year: 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: 4 Day: 16 Year: 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Deb Lohman
Signature:
Month: 10 Day: 11 Year: 04

TRANSPORTER #2

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

440

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1442988
DATE IN : 04/16/04 15:06:01
DATE OUT: 04/16/04 16:05:31

TRUCK :NS-MD8
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVERSON ENVIRONMENTAL SERV
@ BOOTH OIL NIAGARA RMD
BILL TO : 6163.000
MDS MODERN DISPOSAL
MANIFEST TICKET:TK0135618AT-000 COMMODITY:0150-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 79,460.00
TARE WEIGHT: 37,660.00
NET WEIGHT: 42,800.00
TONS: 21.40

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No. 044
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-873

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth Oil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M. BRANSCH, AGENT
Signature:
Month: 04 Day: 19 Year: 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: M&L Salvage
Signature:
Month: 4 Day: 19 Year: 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Bob Lehman
Signature:
Month: 04 Day: 19 Year: 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

441

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1[illegible]98
DATE IN : 04/13/04 08:14:51
DATE OUT: 04/13/04 08:14:52

TRUCK : L781-TA
HAULER : MOR MODERN DISPOSAL
GENERATOR: 4455.042
GENESEE ENVIRONMENTAL SERV
9 BOOTH DEL ROBINSON ROAD

BILL TO : 0163.000
MDS MODERN DISPOSAL

HAULER TICKET: TK0369439[illegible]-002
COMMENT : 04SA-0006 INDUSTRIAL WASTE
GROSS WEIGHT: 81,300.00
TARE WEIGHT: 27,000.00
NET WEIGHT : 54,300.00
TONS: 27.06

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.: 04.4.2
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a.
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 22	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # Booth 01

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*
Printed/Typed Name: LEO M BRAUSCH, AGENT
Signature:
Month: 04 Day: 19 Year: 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Scott Schul
Signature:
Month: Day: Year:

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Dale Lehman
Signature:
Month: 04 Day: 19 Year: 04

ATES, INC.

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

442

TICKET : 1443402
DATE IN : 04/19/94 09:21:00
DATE OUT: 04/19/94 09:21:56

TRUCK: 11435-NDS
HAULER: NDS MODERN DISPOSAL
GENERATOR: 4439.845
SEVENSON ENVIRONMENTAL SERV
6 BOOTH DEL ROBINSON ROAD
BILL TO : 5153.002
NDS MODERN DISPOSAL
COMMODITY: 2144-0279 INDUSTRIAL WASTE
GROSS WEIGHT: 65,560.00
TARE WEIGHT: 29,160.00
NET WEIGHT: 36,720.02
TONS: 20.35

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

442

TICKET : 1443402
DATE IN : 04/19/94 09:21:00
DATE OUT: 04/19/94 09:21:56

TRUCK: 11435-NDS
HAULER: NDS MODERN DISPOSAL
GENERATOR: 4439.845
SEVENSON ENVIRONMENTAL SERV
6 BOOTH DEL ROBINSON ROAD
BILL TO : 5153.002
NDS MODERN DISPOSAL
COMMODITY: 2144-0279 INDUSTRIAL WASTE
GROSS WEIGHT: 65,560.00
TARE WEIGHT: 29,160.00
NET WEIGHT: 36,720.02
TONS: 20.35

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

04-1

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD002131860 | Manifest Doc. No. | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806

4. Generator's Phone (716) 693-9588

TRANSPORTER

5. Transporter 1 Company Name: Modern Disposal Corp. | 6. US EPA ID Number: n/a | A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone: 716-754-8226

FACILITY

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107

10. US EPA ID Number | C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	001	DT	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # E803

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: LEO M BRAUCH, AGENT | Signature | Month: 05 | Day: 25 | Year: 04

17. Transporter 1 Acknowledgement of Receipt of Materials

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

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 waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Bob Lohman | Signature | Month: 05 | Day: 25 | Year: 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #1

04-1

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1063024
DATE IN : 06/26/24 10:25:58
DATE OUT : 06/27/24 08:38:02
TRUCK : LAS-NDS
HAULER : NDS MODERN DISPOSAL
GENERATOR: 4852.SAS
SEVERSON ENVIRONMENTAL SERV
6 SOUTH GIL SOUTHWICK ROAD
BILL TO : 6148.220
NDS MODERN DISPOSAL
DELIVERY TICKET: PW0220526-042 COMMODITY: 2180-2000 INDUSTRIAL WASTE
GROSS WEIGHT: 70,944.00
TARE WEIGHT: 29,106.02
NET WEIGHT: 41,737.98
TONS: 20.87

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

04-2

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # E8U3

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M BRAUSCH, AGENT
Signature:
Month: 05 Day: 25 Year: 04

TRANSPORTER

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

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.
Printed/Typed Name: J Dahlman
Signature:
Month: 05 Day: 25 Year: 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

04-2

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1955139
DATE IN : 05/25/04 12:06:45
DATE OUT: 05/25/04 12:09:33

TRUCK : 1439-MDS
HAULER : MDS MODERN DISPOSAL
GENERATOR: 4456.048
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET: TX5R0053343-230 COMMODITY: 0100-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 72,200.00
TARE WEIGHT: 29,160.00
NET WEIGHT: 43,040.00
TONS: 21.52

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

04-3

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N Y D 0 0 2 1 3 1 8 6 0
Manifest Doc. No.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	D T	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # 803

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO M. BRAUSCH, AGENT
Signature:
Month: 5 Day: 25 Year: 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Scott Schul
Signature:
Month: 5 Day: 25 Year: 04

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covsred by this manifest except as noted in Item 19.
Printed/Typed Name: Deb Lohman
Signature:
Month: 05 Day: 27 Year: 04

TRANSPORTER #1

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

04-3

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1055961
DATE IN : 05/22/04 13:04:19
DATE OUT: 05/22/04 15:04:16

TRUCK : 1439-MDS
HAULER : MDS MODERN DISPOSAL
GENERATOR: 4455.040
REVENGEN ENVIRONMENTAL SERV
3 SOUTH OIL ROBINSON ROAD
BILL TO : 6163.000
MDS MODERN DISPOSAL
HAULER TICKET: TK0220220556-000 COMMODITY:6130-0000 INDUSTRIAL WASTE
GROSS WEIGHT: 74,586.00
TARE WEIGHT: 29,160.00
NET WEIGHT: 45,426.00
TONS: 22.71

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

04-4

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N. Y. D. 0. 0. 2. 1. 3. 1. 8. 6. 0
Manifest Doc. No.:
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	X X 1	D T	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # F803

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible] Signature: [signature] Month Day Year

TRANSPORTER

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

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Scott Echols Signature: [signature] Month 5 Day 25 Year 04

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible] Signature: [signature] Month 05 Day 25 Year 04

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

04-4

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1395669
DATE IN : 05/05/94 12:58:15
DATE OUT: 05/05/94 13:56:13

TRUCK :1439-MDS
HAULER :MDS MODERN DISPOSAL
GENERATOR: 4435.042
SEVENSON ENVIROMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 6103.000
MDS MODERN DISPOSAL
HAULER TICKET:TK0503171/-030 COMMODITY:2100-0030 INDUSTRIAL WASTE
GROSS WEIGHT: 77,063.00
TARE WEIGHT: 29,160.00
NET WEIGHT: 47,903.00
TONS: 23.95

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

04-05

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	D	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name | Signature | Month | Day | Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

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

FACILITY

19. Discrepancy Indication Space

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

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

GENERATOR'S COPY

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04-05

MODERN CORPORATION
P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 105815
DATE IN : 05/25/05 12:02:47
DATE OUT: 05/25/05 12:45:40

TRUCK : RF33-MOD
HAULER : MOD / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ 200TH OIL ROBINSON ROAD

BILL TO : 8163.000
MOD MODERN DIMOGEL
COMMODITY:101(00-0000) INDUSTRIAL WASTE
GROSS WEIGHT: 62,520.00
TARE WEIGHT: 27,680.00
NET WEIGHT: 34,840.00
TONS: 27.42

HAULER TICKET:TK05X0330-000

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous o unacceptable waste and has been packaged and transported in accordance with all applicable state an federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agree that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statemer indicated on reverse.

Signature: _____

04-06

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.:
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	D T	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible] Signature: [signature] Month: 6 Day: 24 Year: 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] Signature: [signature] Month: 6 Day: 24 Year: 04

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

FACILITY

19. Discrepancy Indication Space

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

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

GENERATOR'S COPY

04-06

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1465184
DATE IN : 05/25/04 09:35:57
DATE OUT: 05/25/04 10:59:47

TRUCK :PF33-H3B
HAULER :MCB / FOURNIER TRUCKING
GENERATOR: 4435.842
SEVENSON ENVIRONMENTAL SERV
@ BOOTH OIL ROBINSON ROAD
BILL TO : 0163.869
MTS MODERN DISPOSAL
COMMODITY:0120-4488 INDUSTRIAL WASTE
GROSS WEIGHT: 76,350.00
TARE WEIGHT: 27,580.00
NET WEIGHT: 48,770.00
TONS: 24.38

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

04-07

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.:
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # [illegible]

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible] AGENT
Signature:
Month: [illegible] Day: [illegible] Year: 04

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: EDWARD PADEN
Signature:
Month: 12 Day: 27 Year: 04

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

FACILITY

19. Discrepancy Indication Space

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

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

GENERATOR'S COPY

04-07

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : [illegible]
DATE IN : 05/25/24 09:16:55
DATE OUT: 05/25/24 09:18:55

TRUCK :PF33-ADS
HAULER :NDS / FOURNIER TRUCKING
GENERATOR: 4455.042
SEVENSON ENVIRONMENTAL SERV
@ 5003 OLD ROBINSON ROAD
BILL TO : 5133.000
NDS MODERN DISPOSAL
HAULER TICKET:TKGHUEL949-090 COMMODITY:3132-0004 INDUSTRIAL WASTE
GROSS WEIGHT: 75,540.00
TARE WEIGHT: 27,530.00
NET WEIGHT: 47,650.00
TONS: 23.83

WEIGHTMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

04-08

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # 1-03

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: LEO A DRAGUN AGENT
Signature
Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: J. Robins
Signature
Month Day Year

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

FACILITY

19. Discrepancy Indication Space

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

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

GENERATOR'S COPY

12-BLS-C5 Rev. 12/98

04-08

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1065285
DATE IN : 05/25/04 08:20:51
DATE OUT: 05/25/04 08:36:43
TRUCK :MS3-MDR
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4455.04E
STEVENSON ENVIRONMENTAL SERV
@ SOUTH CTL ROBINSON ROAD
BILL TO : 8163.000
MDS MODERN DISPOSAL
HAULER TICKET:TN0E39181-000 COMMODITY:8163-0020 INDUSTRIAL WASTE
GROSS WEIGHT: 77,080.00
TARE WEIGHT: 54,360.00
NET WEIGHT: 23,720.00
TONS: 26.75

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

04-09

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N.Y.D.0.0.2.1.3.1.8.6.0
Manifest Doc. No.:
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	DT	Approx 2.2	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #N031815
Site ID # 1263

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** *I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.*
Printed/Typed Name: [illegible] | Signature: [signature] | Month: 3 | Day: 25 | Year: 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Dave Cole | Signature: Dave Cole | Month: 3 | Day: 25 | Year: 04

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

FACILITY

19. Discrepancy Indication Space

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

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

GENERATOR'S COPY

04-09

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET # 1633163
DATE IN : 05/25/04 08:57:04
DATE OUT: 05/25/04 09:50:26

TRUCK #pf32
HAULER :NDS / FOURNIER TRUCKING
GENERATOR: 4455.242
SEVENSON ENVIRONMENTAL SERV
@ 2000TH CIL ROBINSON ROAD
BILL TO : 6163.000
NDS MODERN DISPOSAL
HAULER TICKET:TK6232124Z-002 COMMODITY:2100-0200 INDUSTRIAL WASTE
GROSS WEIGHT: 73,460.00
TARE WEIGHT: 27,620.00
NET WEIGHT: 45,840.00
TONS: 22.92

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

04-10

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD002131860
Manifest Doc. No.:
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Booth Oil Site Administrative Group
76 Robinson Road, North Tonawanda, NY 14120-6806
4. Generator's Phone (716) 693-9588

5. Transporter 1 Company Name: Modern Disposal Corp.
6. US EPA ID Number: n/a
A. Transporter's Phone: 9A-073

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone: 716-754-8226

9. Designated Facility Name and Site Address
Modern Landfill, Inc.
4746 Model City Road, Model City, NY 14107
10. US EPA ID Number:
C. Facility's Phone: 716-754-8226

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated Material "Site Soils"	XX1	D	Approx	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Modern #M031815
Site ID # _____

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: [illegible] Agent
Signature:
Month: 12 Day: 23 Year: 98

TRANSPORTER

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

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

FACILITY

19. Discrepancy Indication Space

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

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

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

GENERATOR'S COPY

12-BLS-C5 Rev. 12/98

04-10

MODERN CORPORATION

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 1365910
DATE IN : 05/13/24 15:02:58
DATE OUT: 05/25/24 13:30:52

TRUCK :PF33--MDS
HAULER :MDS / FOURNIER TRUCKING
GENERATOR: 4405.042
STEVENSON ENVIRONMENTAL SERV
6 SOUTH DIL ROBINSON ROAD
BILL TO : 3167.000
MDS (MODERN DISPOSAL
COMMODITY:00160-0020 INDUSTRIAL WASTE
GROSS WEIGHT: 82,362.00
TARE WEIGHT: 27,380.00
NET WEIGHT: 54,782.00
TONS: 27.39

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

HAZARDOUS LNAPL/WATER
WASTE APPROVAL NO. 1835H-L
GENERAL ENVIRONMENTAL MANAGEMENT
CLEVELAND, OHIO

NYG 2236374

Please type or print. Do not staple

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 1/5/99)

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NY D002 1218 4		1	

GENERATOR

3. Generator's Name and Mailing Address
South Glens Falls Central Sch. Dist.
72 Ridge St
Glens Falls NY 12801

4. Generator's Telephone Number (792) 480-0777

A. NYG 2236374

B. Generator's ID

5. Transporter 1 (Company Name) — Fort Miller Service

6. US EPA ID Number — NYD 987 920 114

C. State Transporter's ID

D. Transporter's Telephone (518) 792-1122

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
Clean Harbors
2800 Transport Rd
Grand Island NY 14072

10. US EPA ID Number — NYD 049 836 812

G. State Facility ID

H. Facility Telephone (716) 824-7414

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Flammable Liquids, n.o.s. (Xylene, Ethylbenzene), 3, UN1993, III	1	DM	55	G	EPA D001 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. D001, D022
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. T
b.
c.
d.

15. Special Handling Instructions and Additional Information
EQ# F128
Emergency Response (716) 691-1414
Approval # 1135H-L

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 and state laws and 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	Mo.	Day	Year
Kenny C Bell		10	11	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Andy Schaefer		10	11	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Mo.	Day	Year
Amanda Smith		10	11	04

COPY 5—Generator—Mailed by TSD Facility

NYG 2236383

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/5/99)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD002131860	T0002	1	

3. Generator's Name and Mailing Address
Booth Oil Administrative Group
72 Robinson St
North Tonawanda, NY 14120
4. Generator's Telephone Number (716) 744-0577

A. NYG 2236383
B. Generator's ID

5. Transporter 1 (Company Name): Franks Vacuum Service
6. US EPA ID Number: NYD982792814
C. State Transporter's ID: NP-TW-117 [illegible]
D. Transporter's Telephone (716) 284-2152

7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
GEM
2655 Transport Rd
Cleveland, OH 44115
10. US EPA ID Number: OHD004178612
G. State Facility ID
H. Facility Telephone (216) 621-3694

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Flammable Liquid, N.O.S. (Benzene), (1,2-dichloroethane) 3, UN1993, III	001	TT	5000	G	EPA D001 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. D018, D028
c.
e.
b.
d.

K. Handling Codes for Wastes Listed Above
a. T
c.
b.
d.

15. Special Handling Instructions and Additional Information
Reference #32418H-L
Approval #18351H-L
ERG # 128
Emergency Response # (716) 609-1466

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 and state laws and 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	Mo.	Day	Year
K Booth (Owner)	[signature]	10	12	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
[illegible]	[signature]	10	12	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Mo.	Day	Year
Frank Owner	[signature]	10	12	04

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility

NYG 2236392

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/5/99)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD002131810	T0003	1	

3. Generator's Name and Mailing Address
Booth Oil Administrative Group
72 Robinson St
North Tonawanda NY 14120
4. Generator's Telephone Number (724) 444-0377

A. NYG 2236392
B. Generator's ID

5. Transporter 1 (Company Name)	6. US EPA ID Number	C. State Transporter's ID 20 4417
Franks Vacuum Service	NYD982792814	D. Transporter's Telephone (716) 284-2132
7. Transporter 2 (Company Name)	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
GEM 2655 Transport Rd. Cleveland OH 44115	OHD064178612	H. Facility Telephone (216) 621-3694

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Flammable Liquid, N.O.S. (Benzene), (1,2-Dichloroethane) 3, UN1993, III	001	TT	05000	G	EPA D001 STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above	
a. D018, D028	c.	a. T	c.
b.	d.	b.	d.

15. Special Handling Instructions and Additional Information
Reference #32418H-L
Approval #1835H-L
ERG# 128
Emergency Response # (716) 609-1466

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 and state laws and regulations.
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Printed/Typed Name	Signature	Mo.	Day	Year
K. Booth		05	30	04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Mo.	Day	Year
Amanda Smith		05	31	04

GENERATOR

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5—Generator—Mailed by TSD Facility

APPENDIX E
GEOPROBE BORING LOGS

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Delineation of Gasoline-Impacted Soils — **Logs By: L. M. Brausch, A. Gorges**
Date: March 23, 2004
Driller: Marcor Remediation

Boring No. **BO-1** | N-S Coordinate (feet): **25 N** | E-W Coordinate (feet): **25 W**

PID Reading in Open Borehole (ppmv): **< 5**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 4.0	Sandy gravel	< 5	No water encountered; Sample BO-1-5 taken at 5 ft-bgs.
4.0 to 8.0	Clay	< 5	

Boring No. **BO-2** | N-S Coordinate (feet): **50 N** | E-W Coordinate (feet): **25 W**

PID Reading in Open Borehole (ppmv): **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 3.0	Fill	< 5	No water encountered; 0.2" H_2O vacuum in boring; Samples BO-2-4, -5, and -7 taken at 4, 5, and 7 ft-bgs, respectively.
3.0 to 5.0	Sandy gravel	30 @ 4 ft	
5.0 to 8.0	Sand	< 5	
8.0 to 8.3	Clay	< 5	
8.3 to 12.0	Sand	< 5	

Boring No. **BO-3** | N-S Coordinate (feet): **25 N** | E-W Coordinate (feet): **50 W**

PID Reading in Open Borehole (ppmv): **< 5**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 4.0	Fill	< 5	No water encountered; no samples collected.
4.0 to 8.0	Clay with gravel	30 @ 4 ft	

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Delineation of Gasoline-Impacted Soils — **Logs By: L. M. Brausch, A. Gorges**
Date: March 23, 2004
Driller: Marcor Remediation

Boring No. **BO-4** | N-S Coordinate (feet): **0 N** | E-W Coordinate (feet): **44 W**

PID Reading in Open Borehole (ppmv): **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 4.0	Fill		Samples BO-4-4 and -5 taken at 4 and 5 ft-bgs, respectively.
4.0 to 8.0	Clay with gravel	300+ @ 5 ft	

Boring No. **BO-5** | N-S Coordinate (feet): **0 N** | E-W Coordinate (feet): **28 W**

PID Reading in Open Borehole (ppmv): **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 3.0	Fill	7 @ 0 - 4 ft; < 5 below 4 ft	No samples collected.
3.0 to 6.0	Silty gravel		
6.0 to 8.0	Clay		

Boring No. **BO-6** | N-S Coordinate (feet): **0 N** | E-W Coordinate (feet): **73 W**

PID Reading in Open Borehole (ppmv): **< 5**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 1.0	Fill	< 5	No samples collected.
1.0 to 4.0	Clay	< 5	

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Delineation of Gasoline-Impacted Soils **Logs By: L. M. Brausch**
Date: March 23, 2004 **A. Gorges**
Driller: Marcor Remediation

Boring No. **BO-7**

N-S Coordinate (feet): **0 N**
E-W Coordinate (feet): **3 W**

PID Reading in Open Borehole (ppmv): **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 6.0	Silty gravel	< 5	Sample BO-7-4 taken at 4 ft-bgs.
6.0 to 8.0	Clay	350 @ 6 ft	

Boring No. **BO-8**

N-S Coordinate (feet): **14 N**
E-W Coordinate (feet): **3 W**

PID Reading in Open Borehole (ppmv): **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 6.0	Silty gravel	< 5	No samples collected; 0.7" H_2O vacuum in boring.
6.0 to 8.0	Clay	40 @ 6 ft	

Boring No. **BO-9**

N-S Coordinate (feet): **50 N**
E-W Coordinate (feet): **50 W**

PID Reading in Open Borehole (ppmv): **570**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 3.0	Fill, crushed stone	300+ @ 3 ft	Perched water at 5 ft-bgs; Sample BO-9-3 taken at 3 ft-bgs.
3.0 to 5.0	Sandy silty gravel		
5.0 to 8.0	No recovery		

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Delineation of Gasoline-Impacted Soils **Logs By: L. M. Brausch**
Date: March 23, 2004 **A. Gorges**
Driller: Marcor Remediation

Boring No. **BO-10** N-S Coordinate (feet) **75 N**
E-W Coordinate (feet) **50 W**

PID Reading in Open Borehole (ppmv) **2,000**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 3.0	Fill, crushed stone	150+	Refusal at 3 ft-bgs. Moved to BO-10A, 5 feet south.

Boring No. **BO-10A** N-S Coordinate (feet) **70 N**
E-W Coordinate (feet) **50 W**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 4.0	Fill, crushed stone	50 @ 0 - 3 ft	Sample BO-10A-4 taken at 4 ft-bgs.
4.0 to 6.0	Silty gravel	1,500+	
6.0 to 8.0	Clay	5	

Boring No. **BO-11** N-S Coordinate (feet) **60 N**
E-W Coordinate (feet) **40 W**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 4.0	Sandy gravel	35 @ 2 ft	LNAPL in Geoprobe sleeve at 2 to 4 ft-bgs.
4.0 to 8.0	Gravel	2,000+ @ 4 ft	
8.0 to 11.5	Fine sand		
11.5 to 12.0	Clay	5	

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Delineation of Gasoline-Impacted Soils — **Logs By: L. M. Brausch, A. Gorges**
Date: March 23, 2004
Driller: Marcor Remediation

Boring No. **BO-12**

N-S Coordinate (feet): **75 N**
E-W Coordinate (feet): **75 W**

PID Reading in Open Borehole (ppmv): **10**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 2.0	Fill, Gravel	< 5	Sample BO-12-4 taken at 4 ft-bgs.
2.0 to 3.5	Sandy gravel	< 5	
3.5 to 4.0	Clay	< 5	

Boring No. **BO-13**

N-S Coordinate (feet): **50 N**
E-W Coordinate (feet): **75 W**

PID Reading in Open Borehole (ppmv): **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 1.5	Fill, Gravel	< 5	Sample BO-13-4 taken at 4 ft-bgs.
1.5 to 4.0	Fill, Sandy gravel	< 5	
4.0 to 8.0	Clay	< 5	

Boring No. **BO-14**

N-S Coordinate (feet): **100 N**
E-W Coordinate (feet): **50 W**

PID Reading in Open Borehole (ppmv): **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 4.0	Silty sandy gravel	< 5	No samples collected.
4.0 to 8.0	Clay	< 5	

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Delineation of Gasoline-Impacted Soils **Logs By: L. M. Brausch**
Date: March 23, 2004 **A. Gorges**
Driller: Marcor Remediation

Boring No. **BO-15** N-S Coordinate (feet) **57 N**
E-W Coordinate (feet) **17 W**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 4.0	Fill, Gravel	< 5	No samples collected.
4.0 to 8.0	Clay	< 5	

Boring No. **BO-16** N-S Coordinate (feet) **25 N**
E-W Coordinate (feet) **30 E**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 0.2	Asphalt		Sample BO-16-4 taken at 4 ft-bgs.
0.2 to 7.5	Silty gravel	< 5	
7.5 to 8.0	Clay	< 5	

Boring No. **BO-17** N-S Coordinate (feet) **50 N**
E-W Coordinate (feet) **30 E**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 0.2	Asphalt		PID reading on core dropped very quickly; Samples BO-17-5 and -7 taken at 5 and 7 ft-bgs, respectively.
0.2 to 7.5	Silty gravel	< 5 to 7 ft; 1,500 @ 7 - 7.5 ft	
7.5 to 8.0	Clay		

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Delineation of Gasoline-Impacted Soils **Logs By: L. M. Brausch**
Date: March 23, 2004 **A. Gorges**
Driller: Marcor Remediation

Boring No. **BO-18**

N-S Coordinate (feet) **75 N**
E-W Coordinate (feet) **30 E**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 0.2	Asphalt		Sample BO-18-6 taken at 6 ft-bgs.
0.2 to 6.0	Silty gravel	< 5	
6.0 to 8.0	Clay	< 5	

Boring No. **BO-19**

N-S Coordinate (feet) **75 N**
E-W Coordinate (feet) **0 E**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 2.0	Topsoil, clayey silt with fine sand		Sample BO-19-5 taken at 5 ft-bgs.
2.0 to 5.5	Silty clay		
5.5 to 8.0	Clay	> 7	

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Delineation of Gasoline-Impacted Soils **Logs By: L. M. Brausch**
Date: March 23, 2004 **A. Gorges**
Driller: Marcor Remediation

Boring No. **BO-20**

N-S Coordinate (feet) **40 N**
E-W Coordinate (feet) **30 E**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 1.5	Topsoil, Clayey silt with fine sand	< 5	No samples collected.
1.5 to 4.0	Silty sandy gravel	< 5	
4.0 to 7.0	Sandy gravel	< 5	
7.0 to 8.0	Clay	< 5	

Notes:

1. *"NR" - not measured or recorded.*
2. *Origin of coordinates corresponds to the north edge of the sidewalk on the north side of Robinson Street at the project of the west side wall of the residence at 88 Robinson Street. All coordinates are approximate and not verified by survey.*

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Supplemental Investigation of Gasoline-Impacted Soils **Logs By: L. M. Brausch**
Date: May 24, 2004 **S. Criss**
Driller: Marcor Remediation

Boring No. **BO-17N**

N-S Coordinate (feet) **54 N**
E-W Coordinate (feet) **30 E**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 0.2	Asphalt		Soil sample taken at 6.5 ft-bgs.
0.2 to 7.0	Silty gravel		
7.0 to 8.0	Clay		

Boring No. **BO-17S**

N-S Coordinate (feet) **46 N**
E-W Coordinate (feet) **31 E**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 0.2	Asphalt		Soil sample taken at 6.5 ft-bgs.
0.2 to 7.0	Silty gravel		
7.0 to 8.0	Clay		

Boring No. **BO-17E**

N-S Coordinate (feet) **50 N**
E-W Coordinate (feet) **34 E**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 0.2	Asphalt		Soil sample taken at 6.5 ft-bgs.
0.2 to 7.0	Silty gravel		
7.0 to 8.0	Clay		

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Supplemental Investigation of Gasoline-Impacted Soils **Logs By: L. M. Brausch**
Date: May 24, 2004 **S. Criss**
Driller: Marcor Remediation

Boring No. **BO-17W**

N-S Coordinate (feet) **50 N**
E-W Coordinate (feet) **26 E**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 0.2	Asphalt		Soil sample taken at 6.5 ft-bgs.
0.2 to 7.0	Silty gravel		
7.0 to 8.0	Clay		

Boring No. **BO-21**

N-S Coordinate (feet) **2 N**
E-W Coordinate (feet) **3 E**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 4.0	Silty gravel		Soil sample taken at 6.5 ft-bgs.
4.0 to 8.0	Clay		

Boring No. **BO-22**

N-S Coordinate (feet) **61 N**
E-W Coordinate (feet) **4 W**

PID Reading in Open Borehole (ppmv) **NR**

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 2.0	Topsoil, Clayey silt with fine sand	< 5	Soil sample taken at 6.5 ft-bgs.
2.0 to 7.0	Silty clay		
7.0 to 8.0	Clay	< 5	

Geoprobe Boring Logs

NYSDEC Spill No. 0375504, North Tonawanda, New York

Supplemental Investigation of Gasoline-Impacted Soils **Logs By: L. M. Brausch**
Date: May 24, 2004 **S. Criss**
Driller: Marcor Remediation

Boring No.	**BO-23**	N-S Coordinate (feet)	**36 N**
		E-W Coordinate (feet)	**2 W**
PID Reading in Open Borehole (ppmv)	**NR**		

Depth Interval (ft-bgs)	Soil Description	PID Reading (ppmv)	Notes
0.0 to 7.0	Silty gravel		Soil sample taken at 6.5 ft-bgs.
7.0 to 8.0	Clay		

Notes:

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